Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#01 GSM850_Right Cheek_Ch251_Keypad1_Camera1

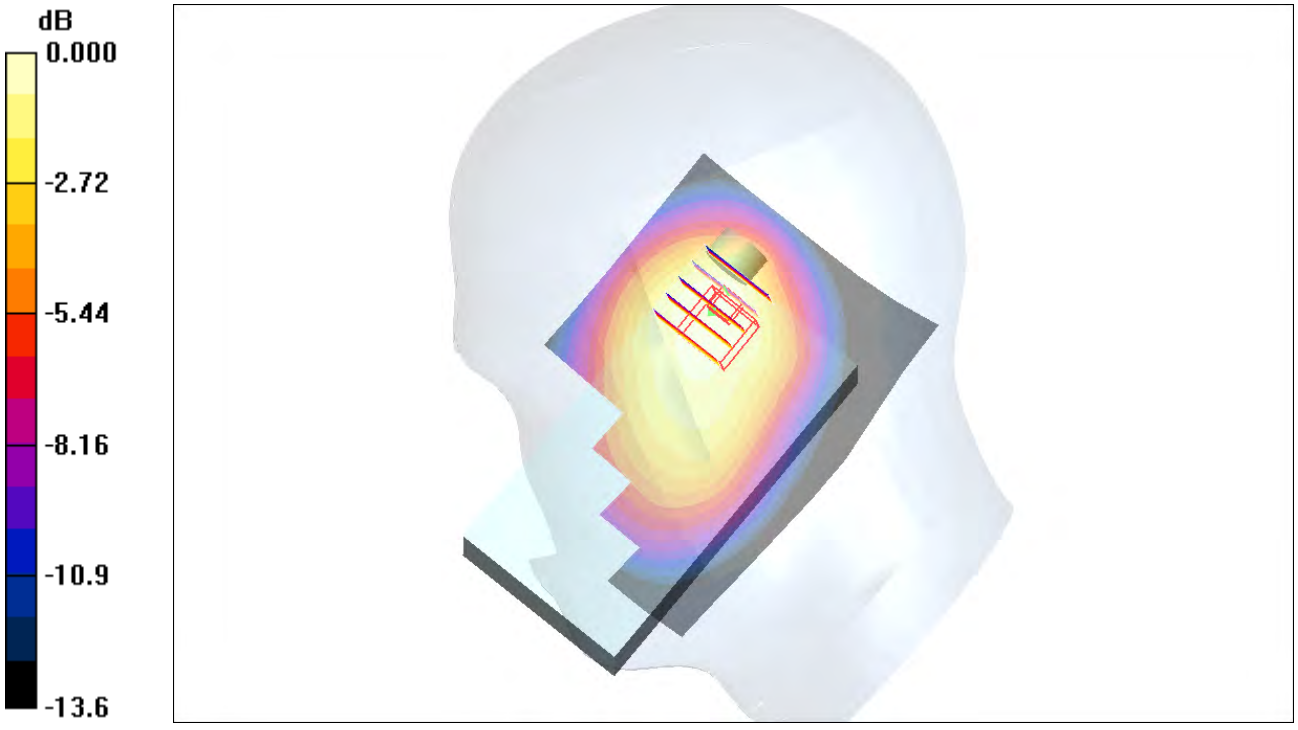
DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_120619 Medium parameters used: f = 849 MHz; σ = 0.898 mho/m; ε_r = 41.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.27 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.7 V/m; Power Drift = 0.116 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.735 mW/g
Maximum value of SAR (measured) = 1.15 mW/g



0 dB = 1.15mW/g

#02 GSM850_Right Tilted_Ch251_Keypad1_Camera1

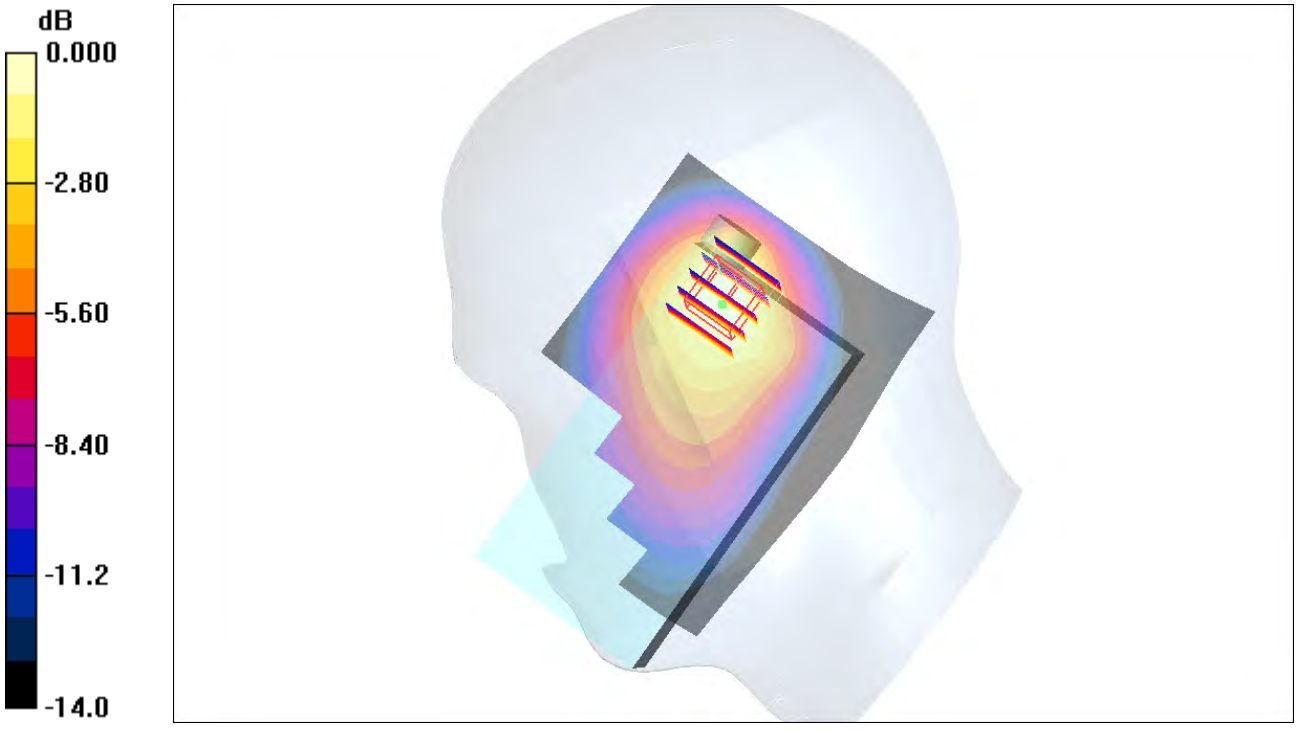
DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_120619 Medium parameters used: f = 849 MHz; σ = 0.898 mho/m; ε_r = 41.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.11 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.5 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 2.13 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.641 mW/g
Maximum value of SAR (measured) = 1.18 mW/g



0 dB = 1.18mW/g

#03 GSM850_Left Cheek_Ch251_Keypad1_Camera1

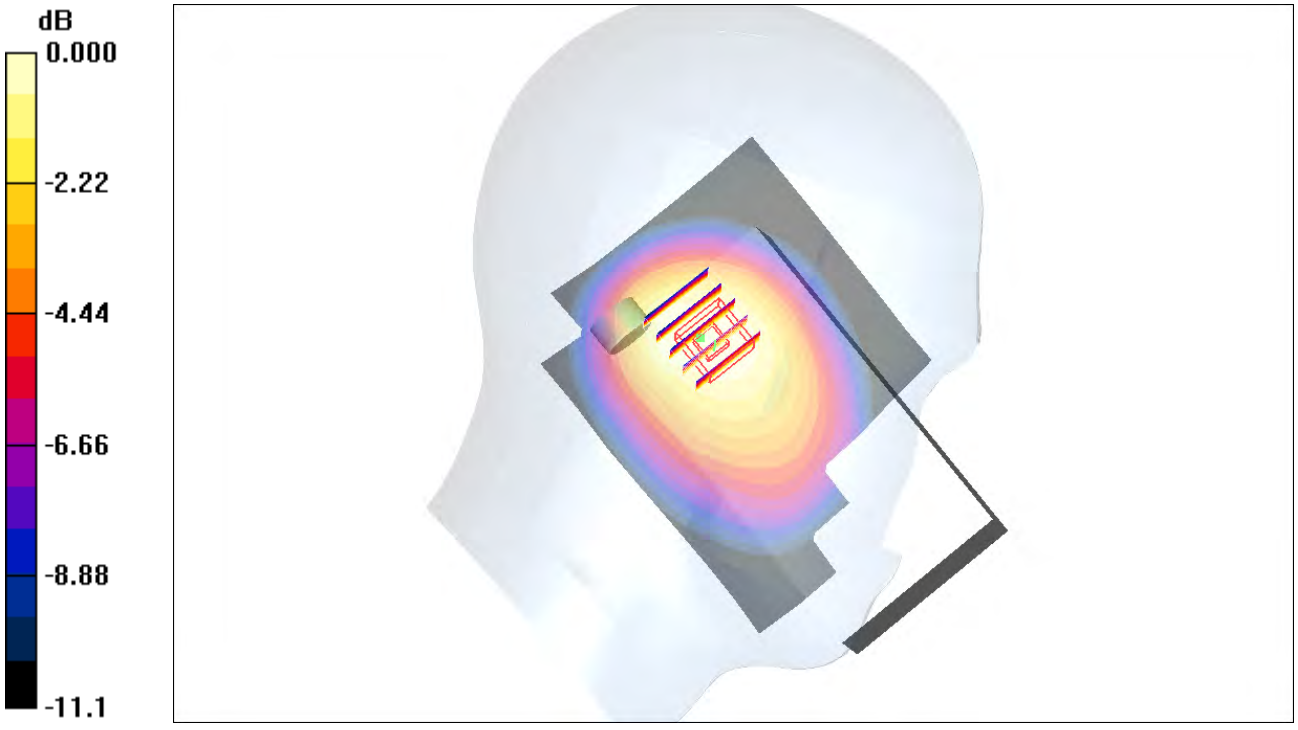
DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_120619 Medium parameters used: f = 849 MHz; σ = 0.898 mho/m; ε_r = 41.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.07 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.3 V/m; Power Drift = -0.044 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.943 mW/g; SAR(10 g) = 0.698 mW/g
Maximum value of SAR (measured) = 0.994 mW/g



0 dB = 0.994mW/g

#04 GSM850_Left Tilted_Ch251_Keypad1_Camera1

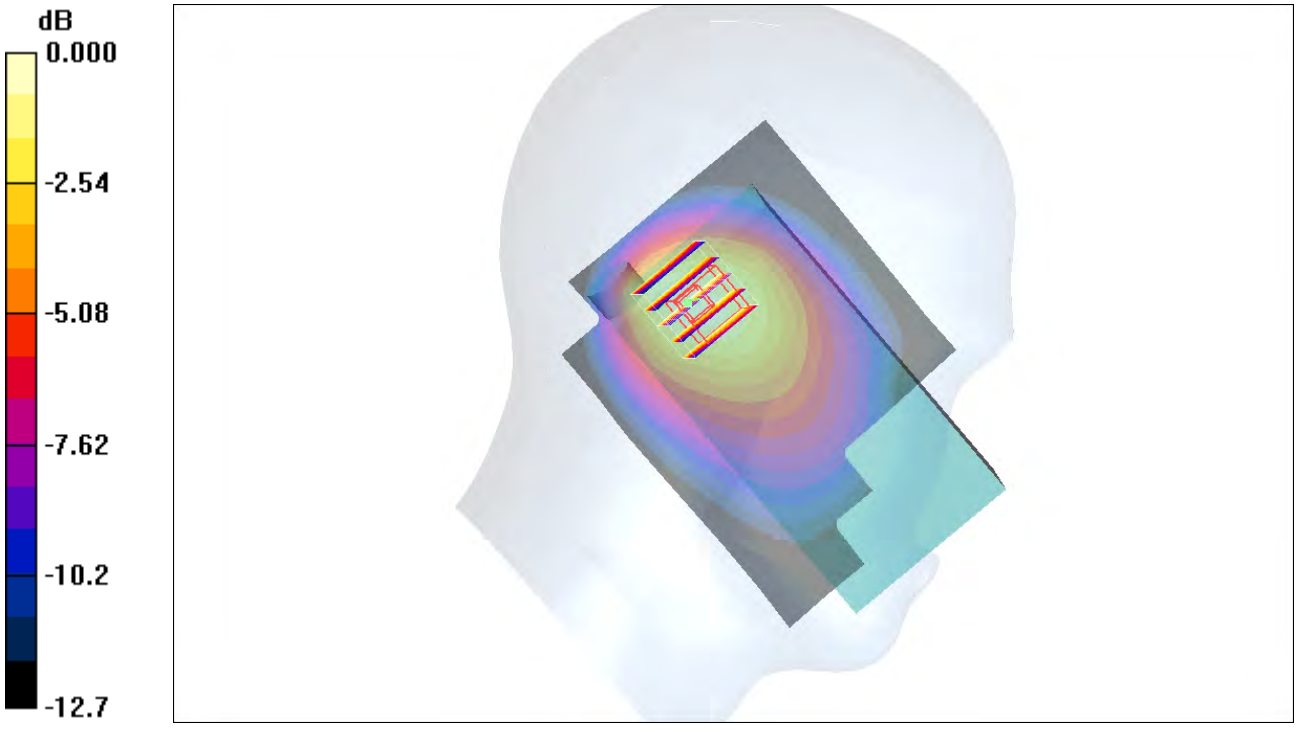
DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_120619 Medium parameters used: f = 849 MHz; σ = 0.898 mho/m; ε_r = 41.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.964 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.5 V/m; Power Drift = 0.117 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.680 mW/g
Maximum value of SAR (measured) = 1.05 mW/g



0 dB = 1.05mW/g

#27 GSM850_Right Tilted_Ch251_Keypad2_Camera1

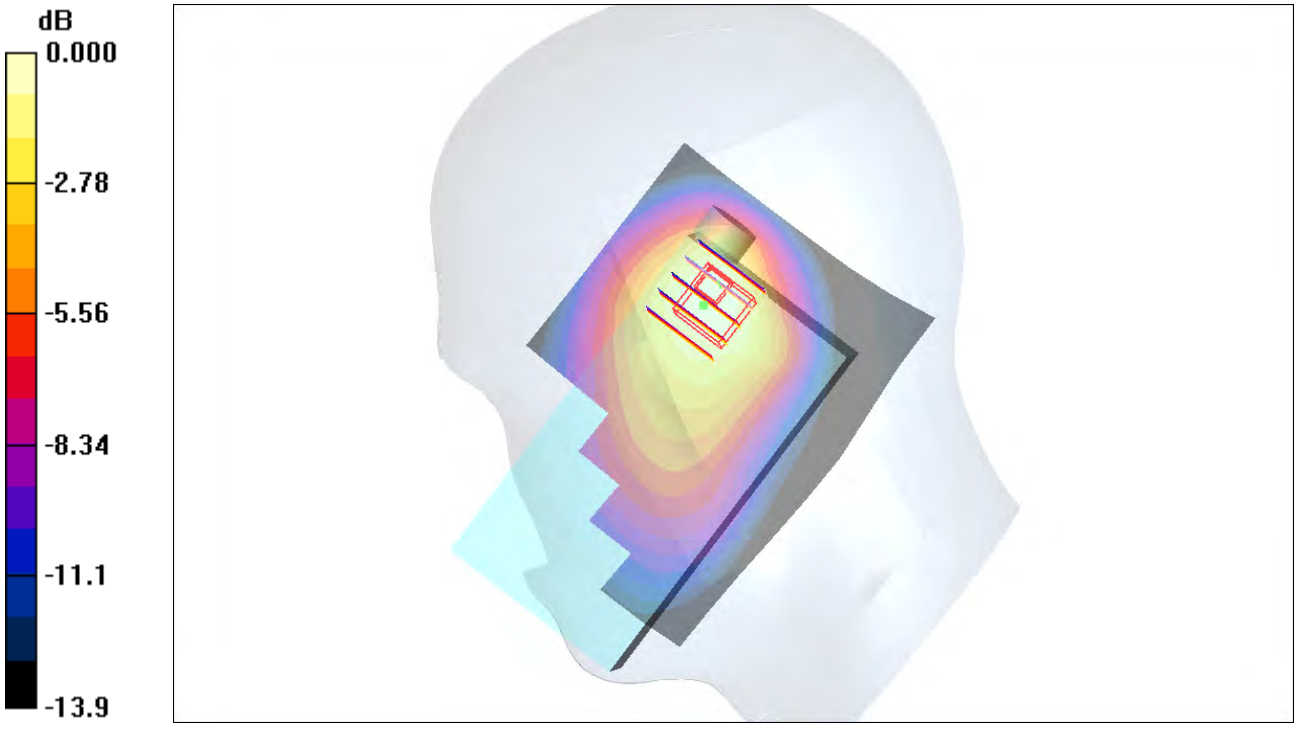
DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_120619 Medium parameters used: f = 849 MHz; σ = 0.898 mho/m; ε_r = 41.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.02 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.1 V/m; Power Drift = 0.124 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.905 mW/g; SAR(10 g) = 0.564 mW/g
Maximum value of SAR (measured) = 0.955 mW/g



0 dB = 0.955mW/g

#28 GSM850_Right Tilted_Ch251_Keypad3_Camera1

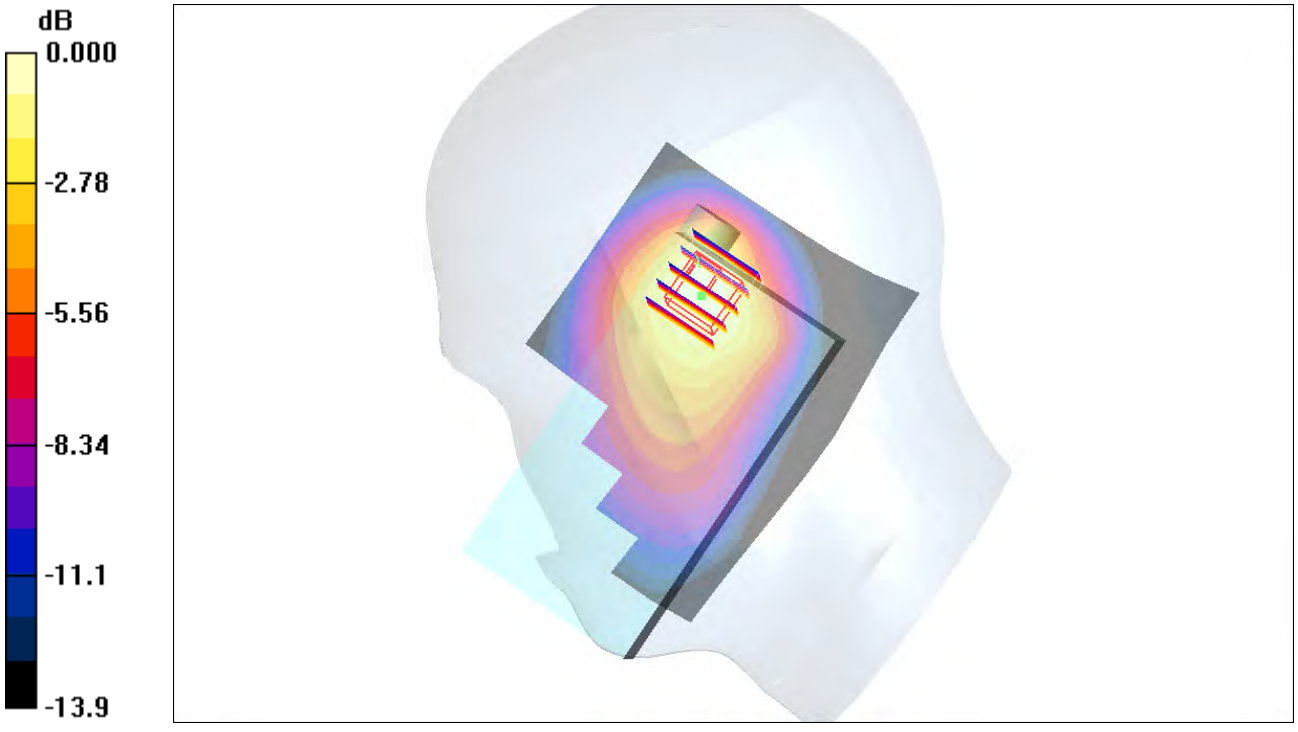
DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_120619 Medium parameters used: f = 849 MHz; σ = 0.898 mho/m; ε_r = 41.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.982 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.4 V/m; Power Drift = 0.021 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.905 mW/g; SAR(10 g) = 0.561 mW/g
Maximum value of SAR (measured) = 0.986 mW/g



0 dB = 0.986mW/g

#600_GSM850_GSM Voice_Right Tilted_Ch251;Keypad1_Camera2

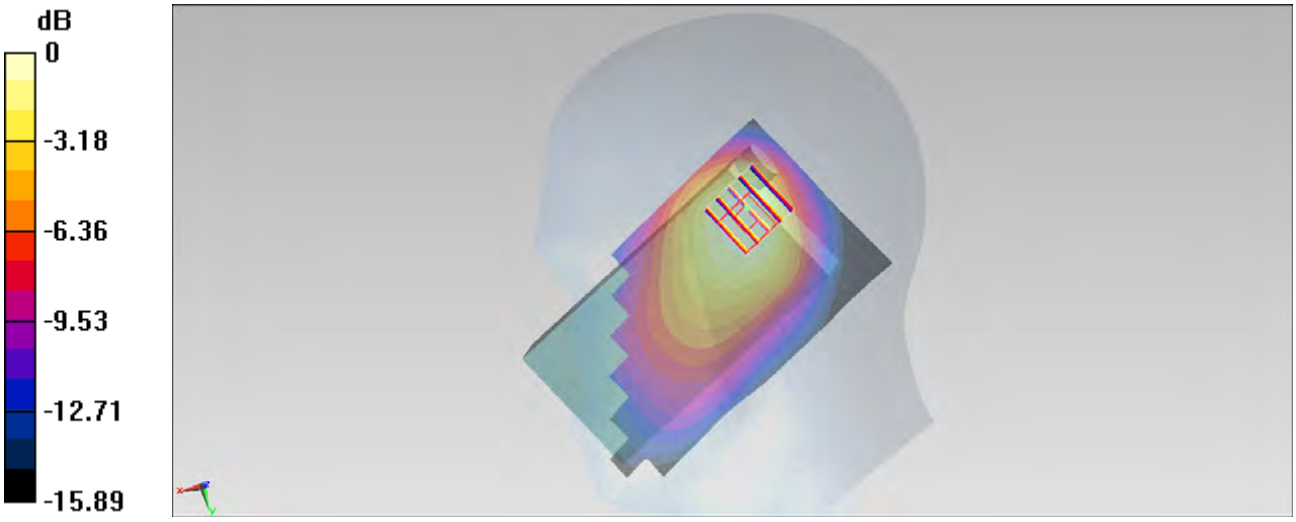
DUT: 320416

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_130206 Medium parameters used: f = 849 MHz; σ = 0.883 mho/m; ε_r = 40.899; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch251/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.42 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 41.464 V/m; Power Drift = -0.159 dB
Peak SAR (extrapolated) = 1.819 mW/g
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.665 mW/g
Maximum value of SAR (measured) = 1.25 mW/g



0 dB = 1.25 mW/g = 1.94 dB mW/g

#603_GSM850_GSM Voice_Right Tilted_Ch251;Keypad1_Camera2_Repeat

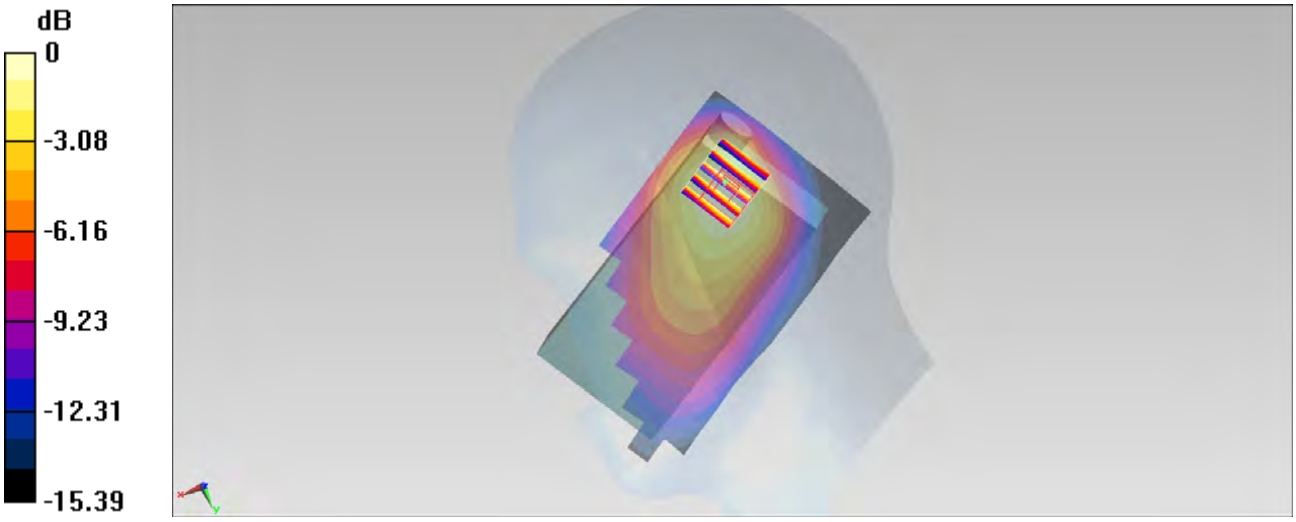
DUT: 320416

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_130206 Medium parameters used: f = 849 MHz; σ = 0.883 mho/m; ε_r = 40.899; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch251/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.11 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.625 V/m; Power Drift = 0.133 dB
Peak SAR (extrapolated) = 1.703 mW/g
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.642 mW/g
Maximum value of SAR (measured) = 1.19 mW/g



0 dB = 1.19 mW/g = 1.51 dB mW/g

#601_GSM850_GSM Voice_Right Tilted_Ch128;Keypad1_Camera2

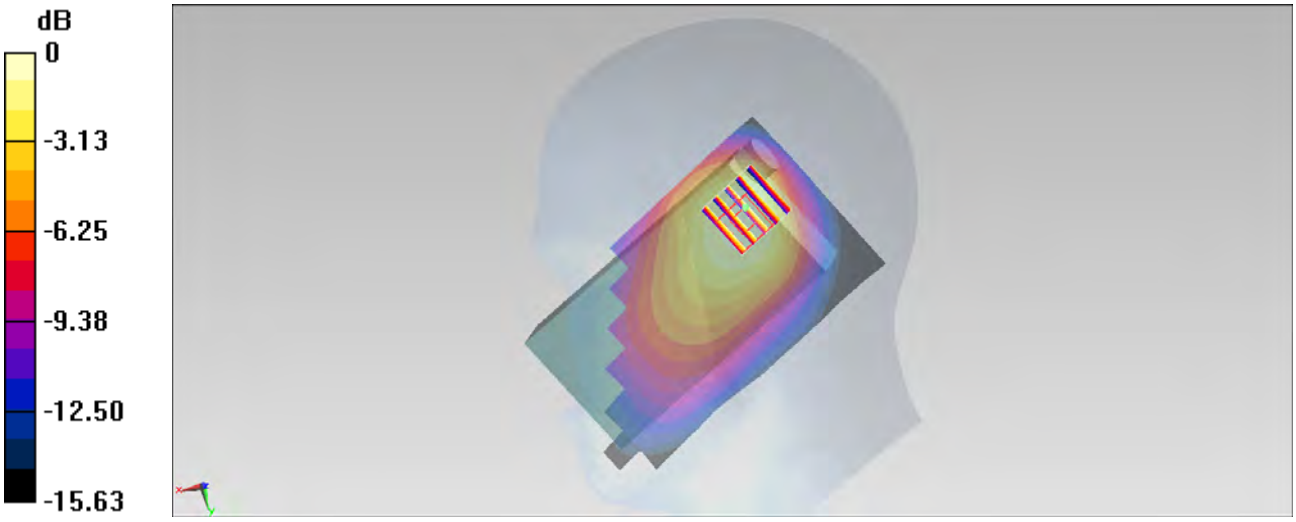
DUT: 320416

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_130206 Medium parameters used: f = 824.2 MHz; σ = 0.864 mho/m; ε_r = 41.157; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch128/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.12 mW/g

Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.997 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.576 mW/g
SAR(1 g) = 0.955 mW/g; SAR(10 g) = 0.607 mW/g
Maximum value of SAR (measured) = 1.10 mW/g



0 dB = 1.10 mW/g = 0.83 dB mW/g

#602_GSM850_GSM Voice_Right Tilted_Ch189;Keypad1_Camera2

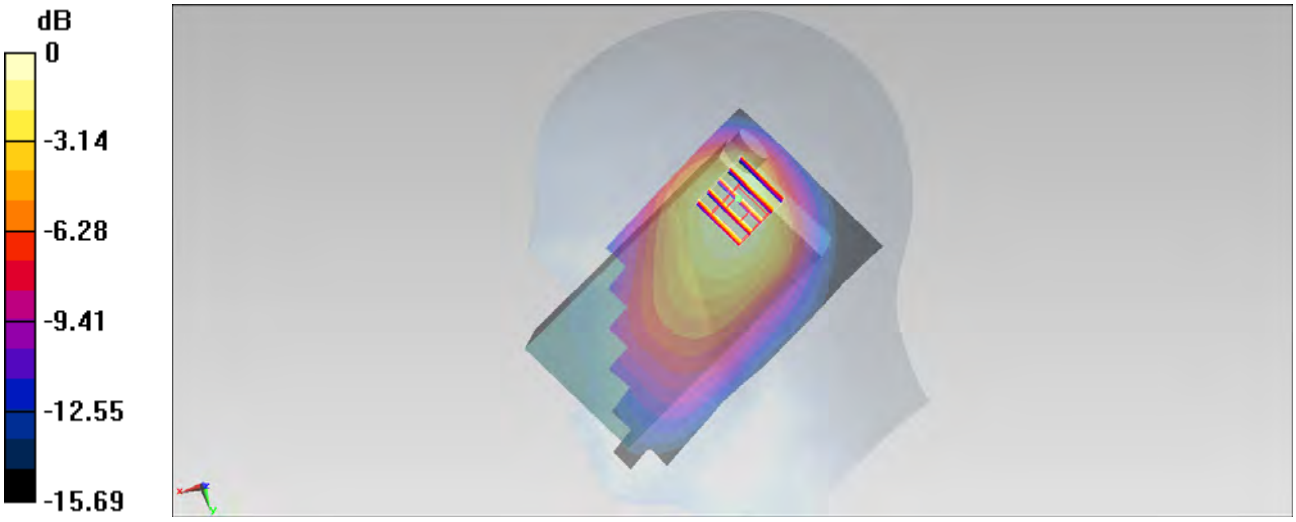
DUT: 320416

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_130206 Medium parameters used: f = 836.4 MHz; σ = 0.874 mho/m; ε_r = 41.051; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch189/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.18 mW/g

Configuration/Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.575 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.638 mW/g
SAR(1 g) = 0.981 mW/g; SAR(10 g) = 0.621 mW/g
Maximum value of SAR (measured) = 1.15 mW/g



0 dB = 1.15 mW/g = 1.21 dB mW/g

#09 GSM1900_Right Cheek_Ch512_Keypad1_Camera1

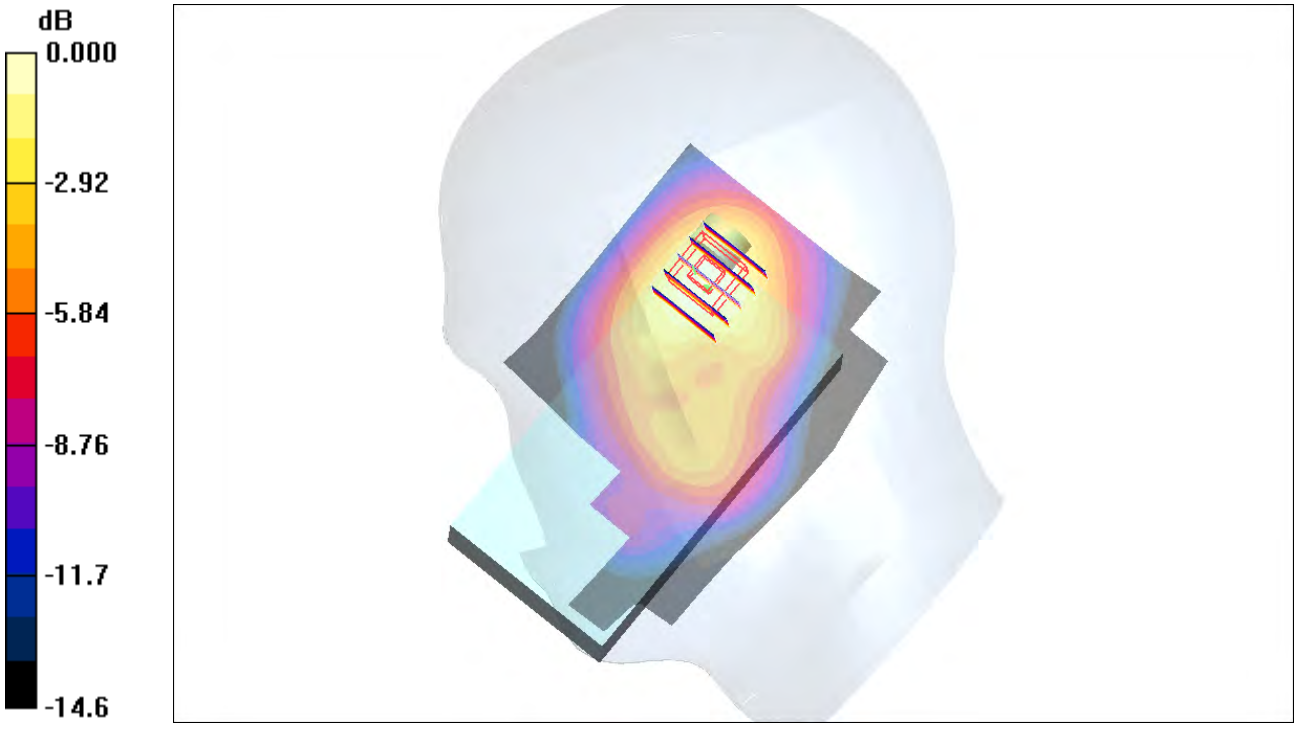
DUT: 221518-01

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120619 Medium parameters used: f = 1850.2 MHz; σ = 1.41 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.362 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.4 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 0.535 W/kg
SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.201 mW/g
Maximum value of SAR (measured) = 0.367 mW/g



0 dB = 0.367mW/g

#10 GSM1900_Right Tilted_Ch512_Keypad1_Camera1

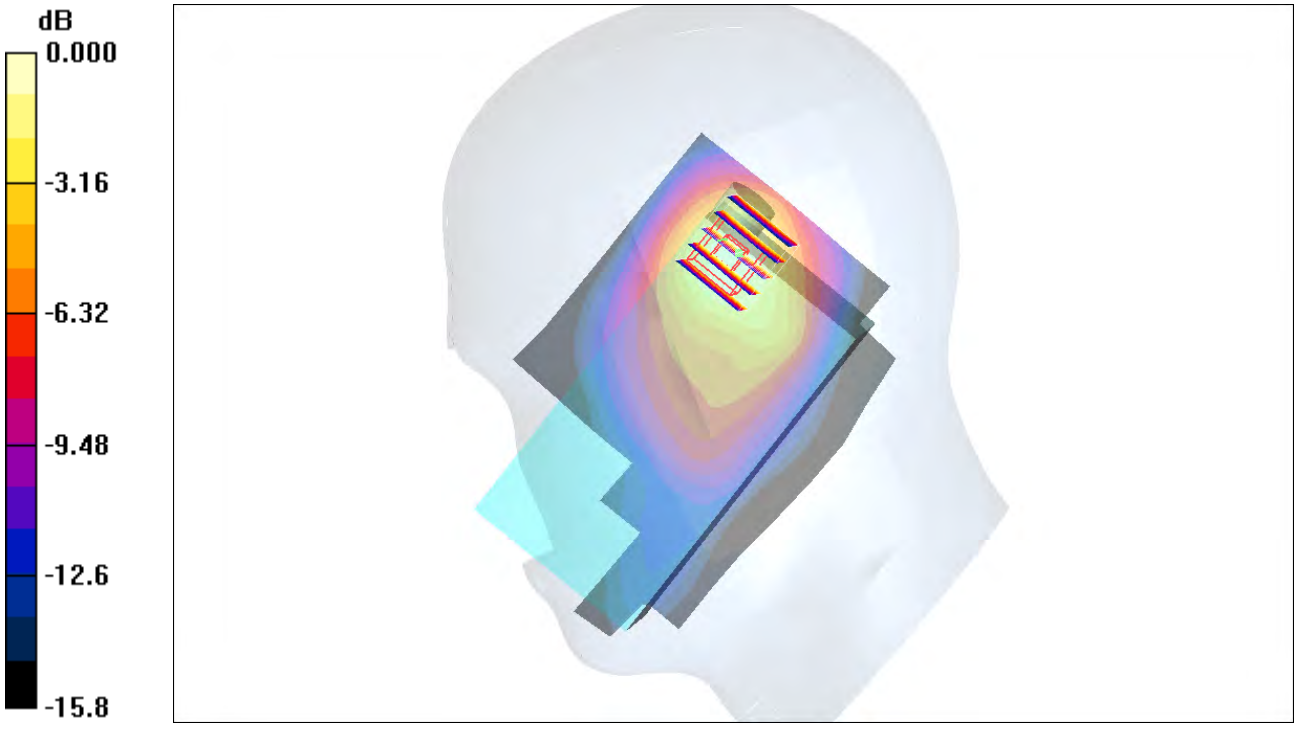
DUT: 221518-01

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120619 Medium parameters used: f = 1850.2 MHz; σ = 1.41 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.444 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 0.651 W/kg
SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.238 mW/g
Maximum value of SAR (measured) = 0.427 mW/g



0 dB = 0.427mW/g

#11 GSM1900_Left Cheek_Ch512_Keypad1_Camera1

DUT: 221518-01

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120619 Medium parameters used: f = 1850.2 MHz; σ = 1.41 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.237 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.9 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.138 mW/g
Maximum value of SAR (measured) = 0.227 mW/g

0 dB = 0.227mW/g

#12 GSM1900_Left Tilted_Ch512_Keypad1_Camera1

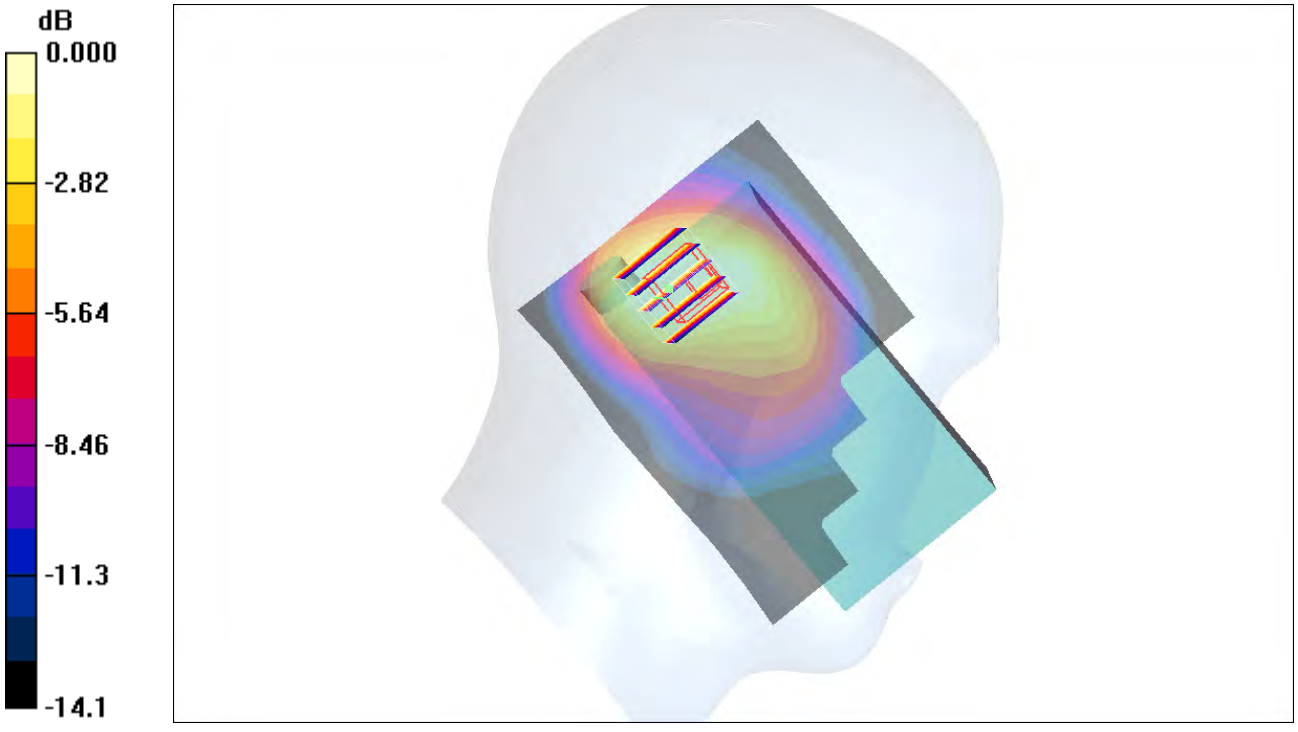
DUT: 221518-01

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120619 Medium parameters used: f = 1850.2 MHz; σ = 1.41 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.295 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.2 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 0.356 W/kg
SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.156 mW/g
Maximum value of SAR (measured) = 0.264 mW/g



0 dB = 0.264mW/g

#25 GSM1900_Right Tilted_Ch512_Keypad2_Camera1

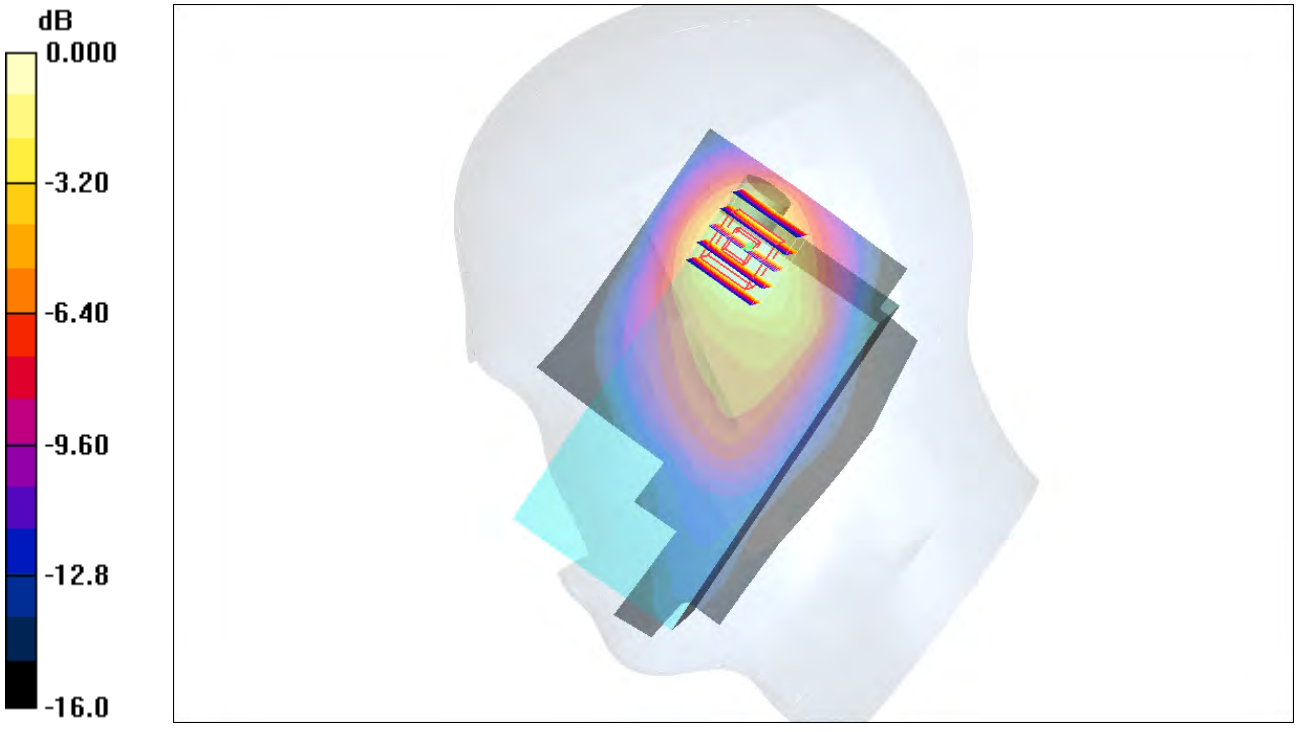
DUT: 221518-01

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120620 Medium parameters used: f = 1850.2 MHz; σ = 1.38 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.454 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.6 V/m; Power Drift = -0.193 dB
Peak SAR (extrapolated) = 0.663 W/kg
SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.242 mW/g
Maximum value of SAR (measured) = 0.443 mW/g



0 dB = 0.443mW/g

#26 GSM1900_Right Tilted_Ch512_Keypad3_Camera1

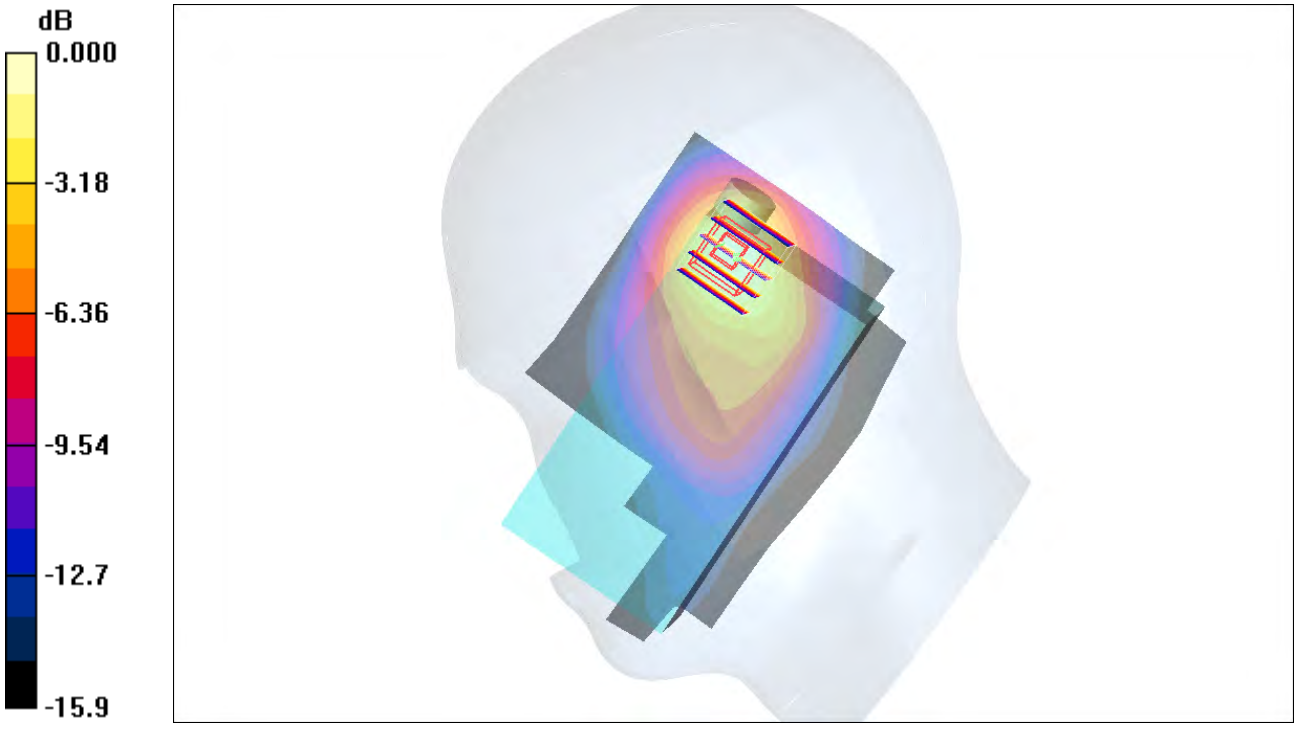
DUT: 221518-01

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120620 Medium parameters used: f = 1850.2 MHz; σ = 1.38 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.450 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.3 V/m; Power Drift = 0.044 dB
Peak SAR (extrapolated) = 0.682 W/kg
SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.247 mW/g
Maximum value of SAR (measured) = 0.466 mW/g



0 dB = 0.466mW/g

#604_GSM1900_GSM Voice_Right Tilted_Ch512;Keypad1_Camera2

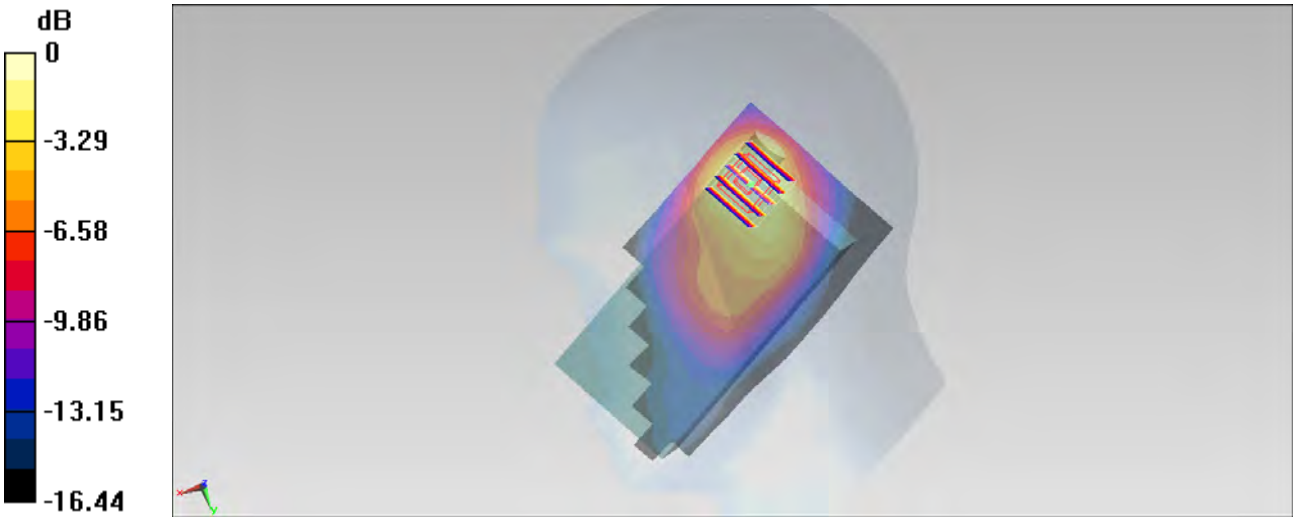
DUT: 320416

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130205 Medium parameters used: f = 1850.2 MHz; σ = 1.389 mho/m; ε_r = 41.577; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch512/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.653 mW/g

Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.279 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 0.879 mW/g
SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.282 mW/g
Maximum value of SAR (measured) = 0.602 mW/g



0 dB = 0.602 mW/g = -4.41 dB mW/g

#79 GSM1900_Right Tilted_Ch661_Keypad1_Camera2

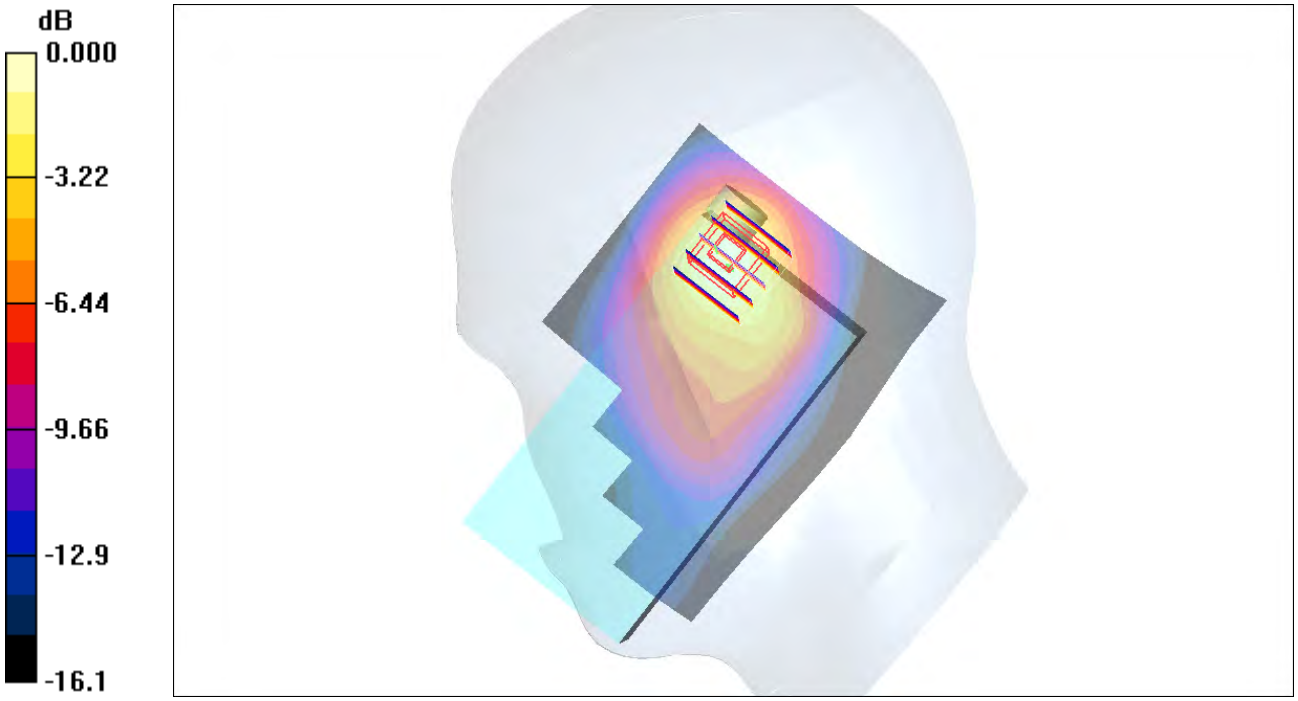
DUT: 221518-01

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120620 Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.407 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.9 V/m; Power Drift = 0.169 dB
Peak SAR (extrapolated) = 0.621 W/kg
SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.223 mW/g
Maximum value of SAR (measured) = 0.427 mW/g



0 dB = 0.427mW/g

#80 GSM1900_Right Tilted_Ch810_Keypad1_Camera2

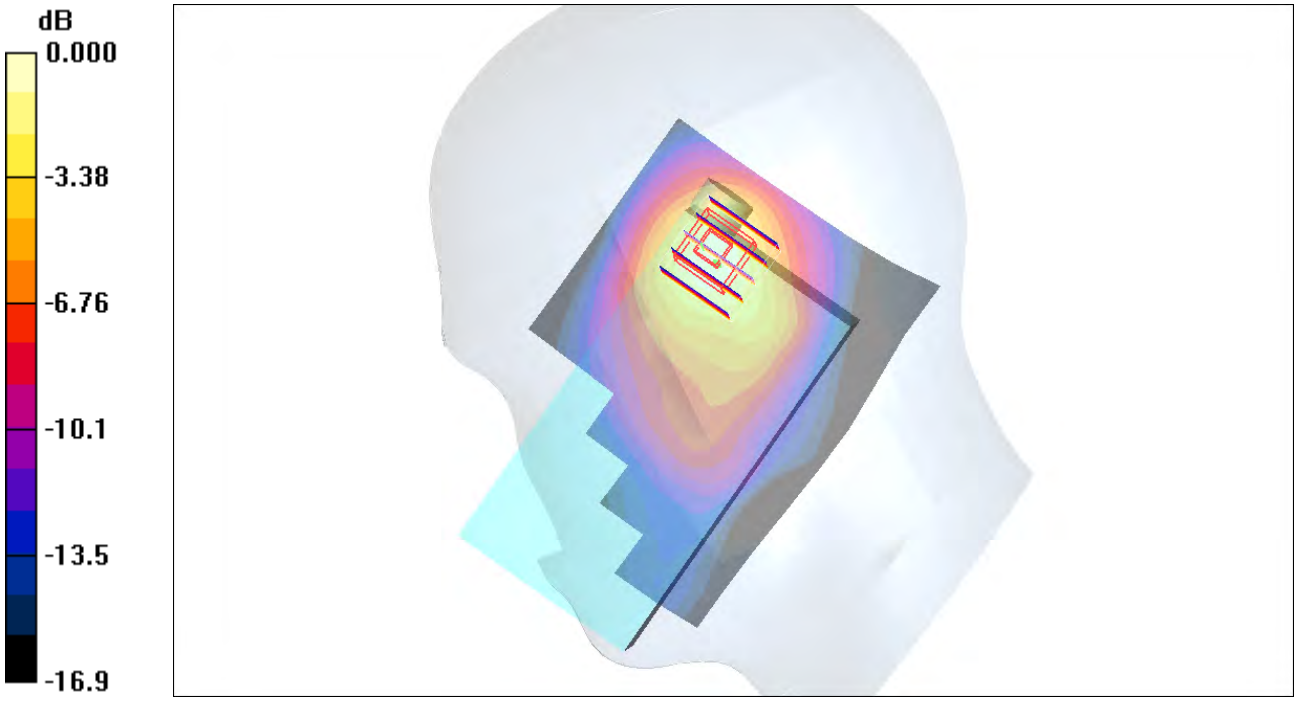
DUT: 221518-01

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_120620 Medium parameters used: f = 1910 MHz; σ = 1.44 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.446 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 0.694 W/kg
SAR(1 g) = 0.429 mW/g; SAR(10 g) = 0.242 mW/g
Maximum value of SAR (measured) = 0.467 mW/g



0 dB = 0.467mW/g

#05 WCDMA V_RMC12.2K_Right Cheek_Ch4182_Keypad1_Camera1

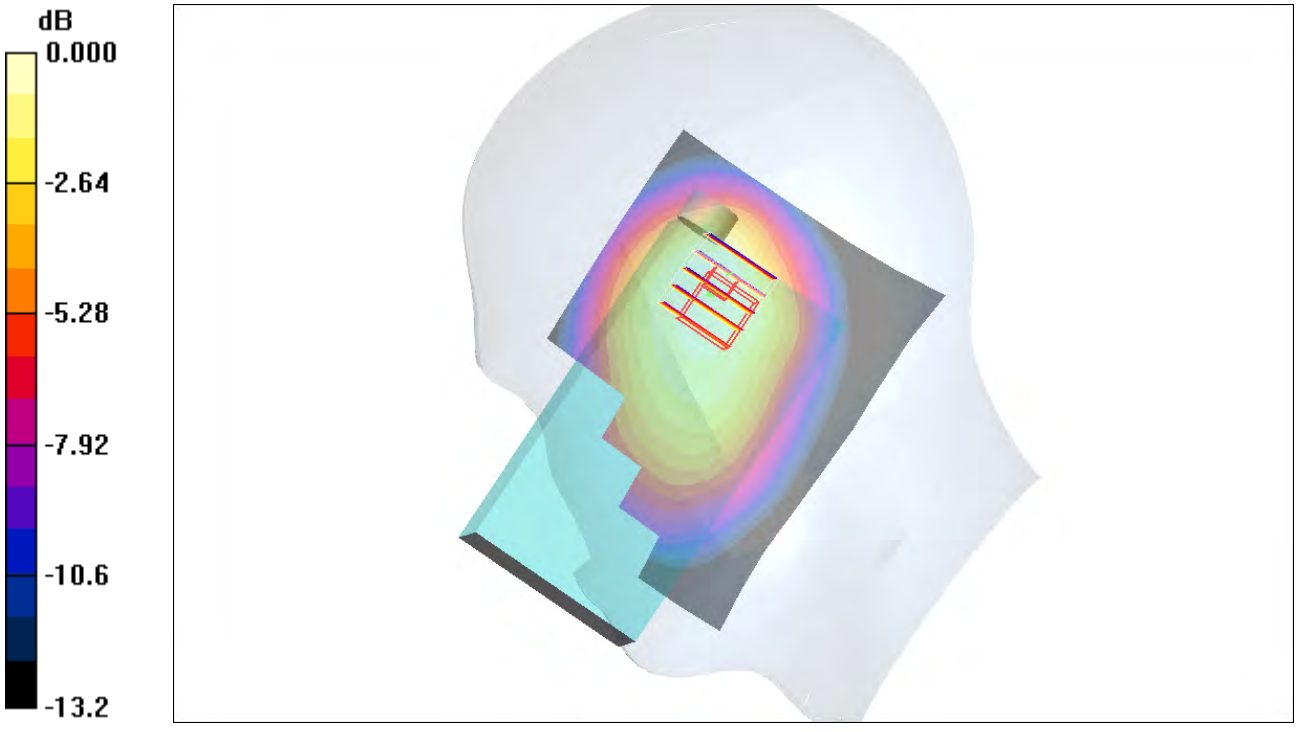
DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_120619 Medium parameters used: f = 836.4 MHz; σ = 0.887 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.19 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.3 V/m; Power Drift = -0.101 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.724 mW/g
Maximum value of SAR (measured) = 1.12 mW/g



0 dB = 1.12mW/g

#06 WCDMA V_RMC12.2K_Right Tilted_Ch4182_Keypad1_Camera1

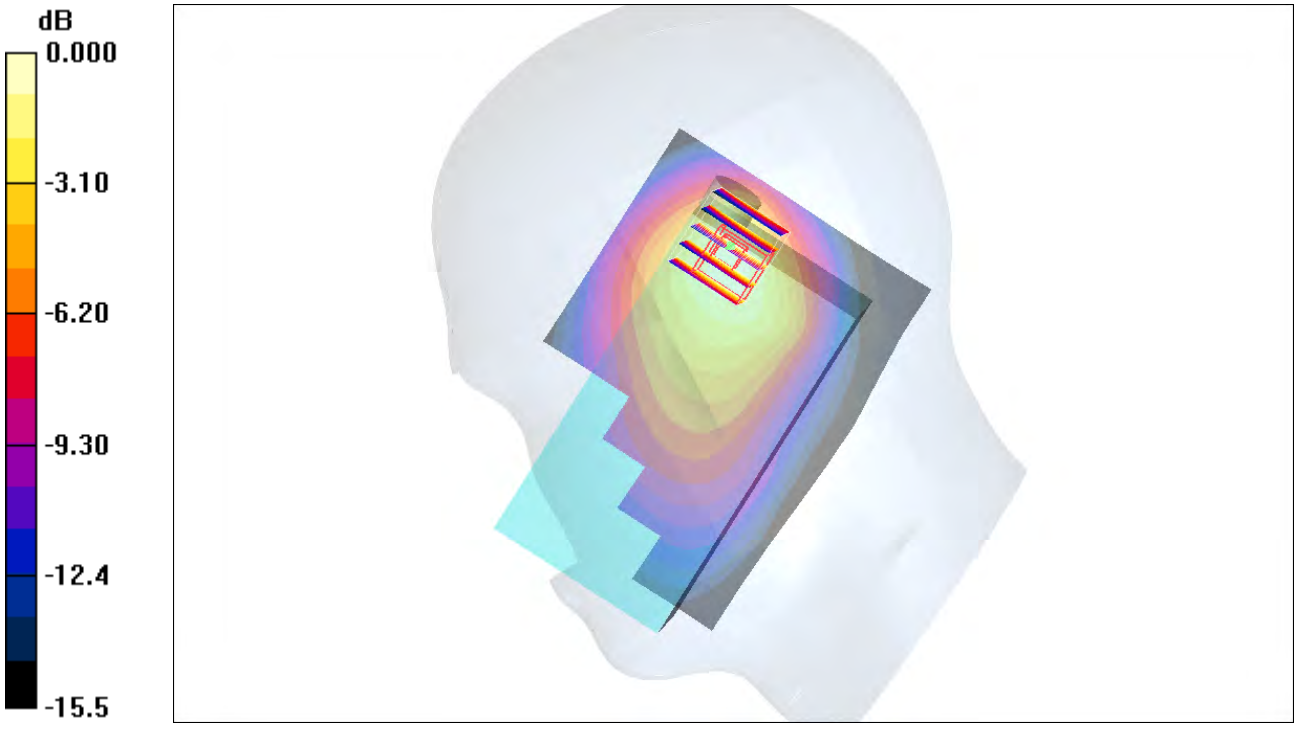
DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_120619 Medium parameters used: f = 836.4 MHz; σ = 0.887 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.18 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.0 V/m; Power Drift = 0.009 dB
Peak SAR (extrapolated) = 2.30 W/kg
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.672 mW/g
Maximum value of SAR (measured) = 1.20 mW/g



0 dB = 1.20mW/g

#07 WCDMA V_RMC12.2K_Left Cheek_Ch4182_Keypad1_Camera1

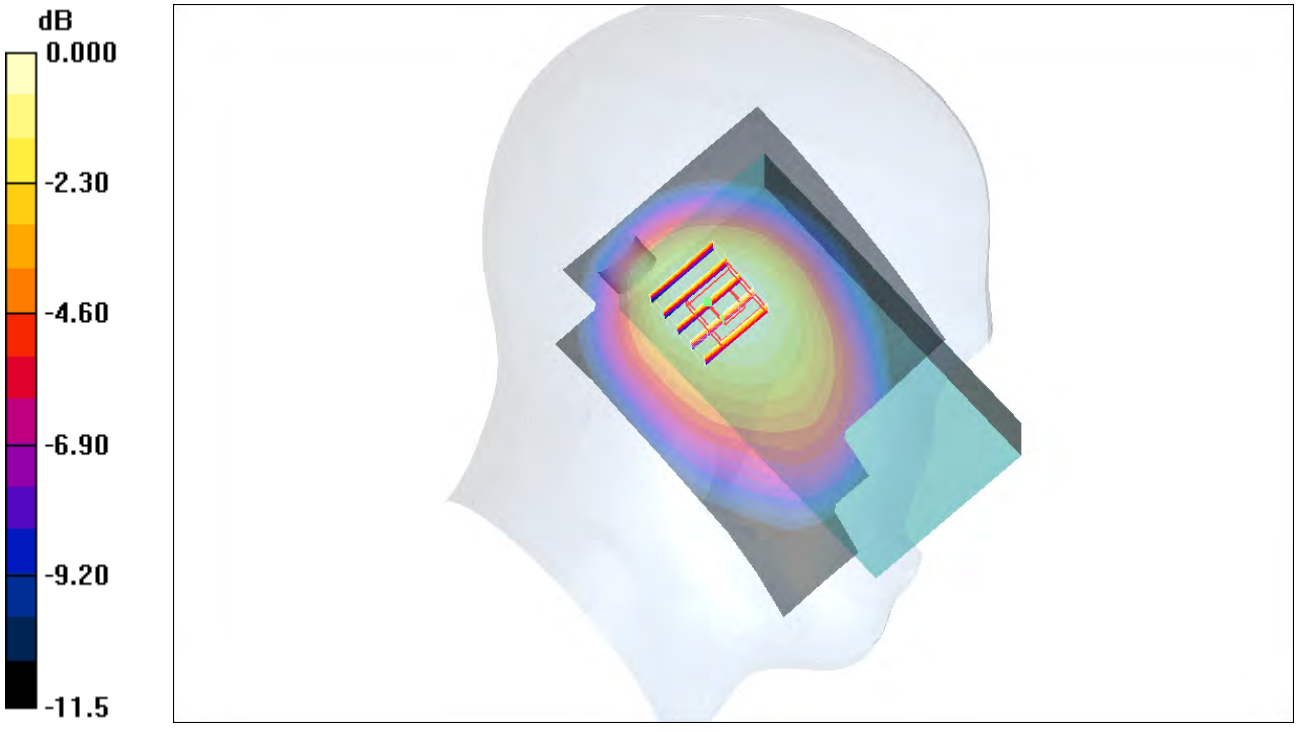
DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_120619 Medium parameters used: f = 836.4 MHz; σ = 0.887 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.07 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.5 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.946 mW/g; SAR(10 g) = 0.698 mW/g
Maximum value of SAR (measured) = 0.992 mW/g



0 dB = 0.992mW/g

#08 WCDMA V_RMC12.2K_Left Tilted_Ch4182_Keypad1_Camera1

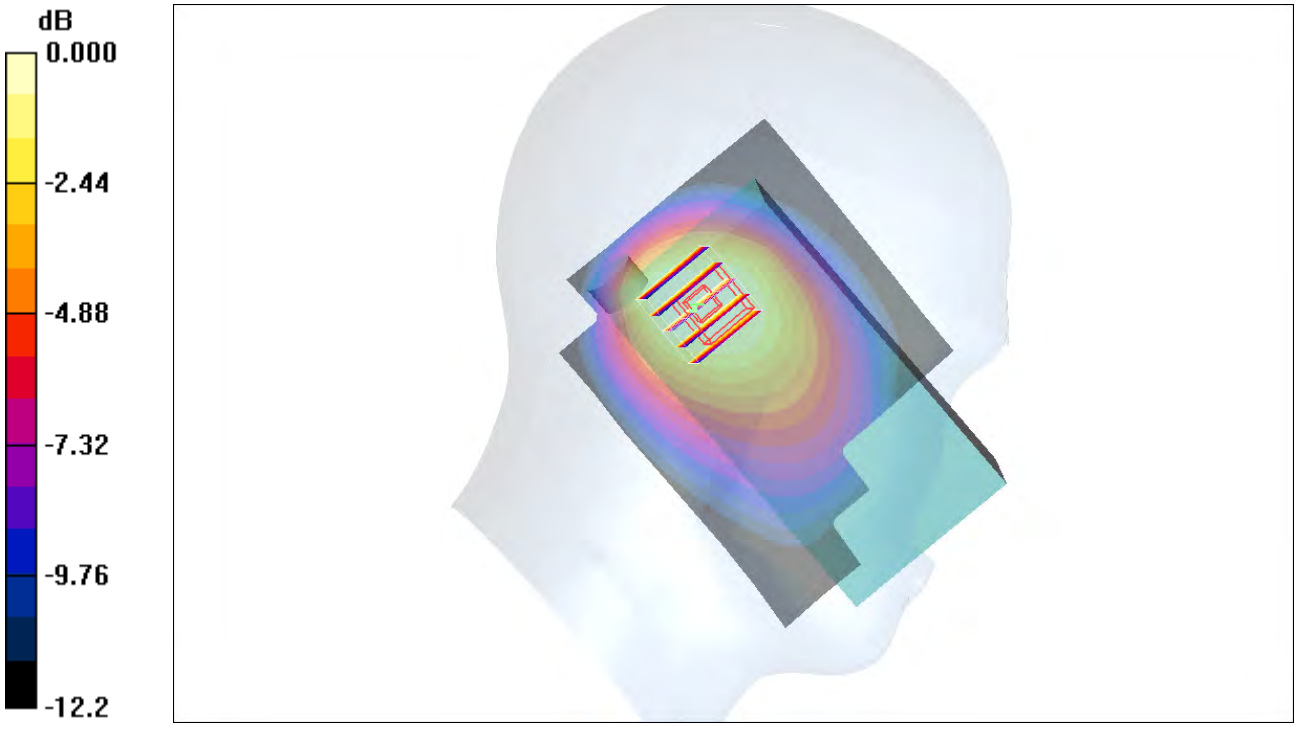
DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_120619 Medium parameters used: f = 836.4 MHz; σ = 0.887 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.971 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.1 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.850 mW/g; SAR(10 g) = 0.599 mW/g
Maximum value of SAR (measured) = 0.896 mW/g



0 dB = 0.896mW/g

#29 WCDMA V_Right Tilted_Ch4182_Keypad2_Camera1

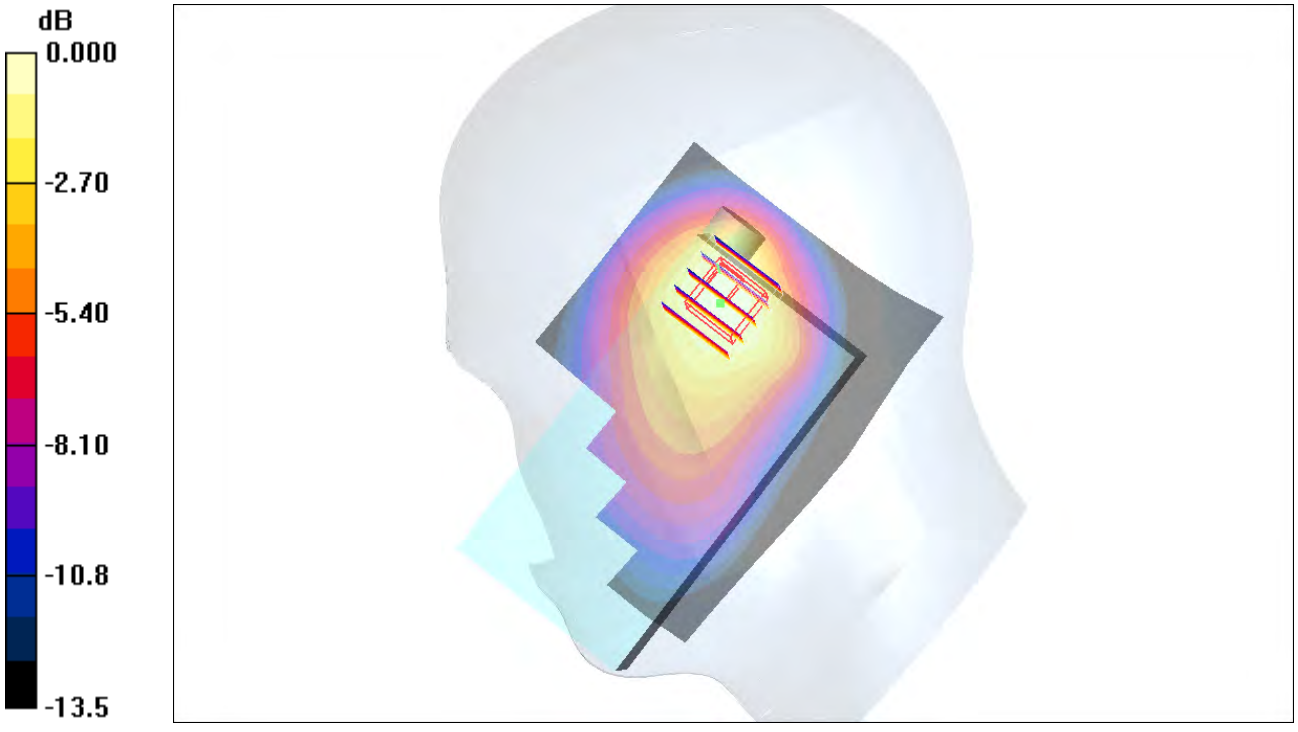
DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_120619 Medium parameters used: f = 836.4 MHz; σ = 0.887 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.07 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.8 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 0.982 mW/g; SAR(10 g) = 0.619 mW/g
Maximum value of SAR (measured) = 1.06 mW/g



0 dB = 1.06mW/g

#30 WCDMA V_Right Tilted_Ch4182_Keypad3_Camera1

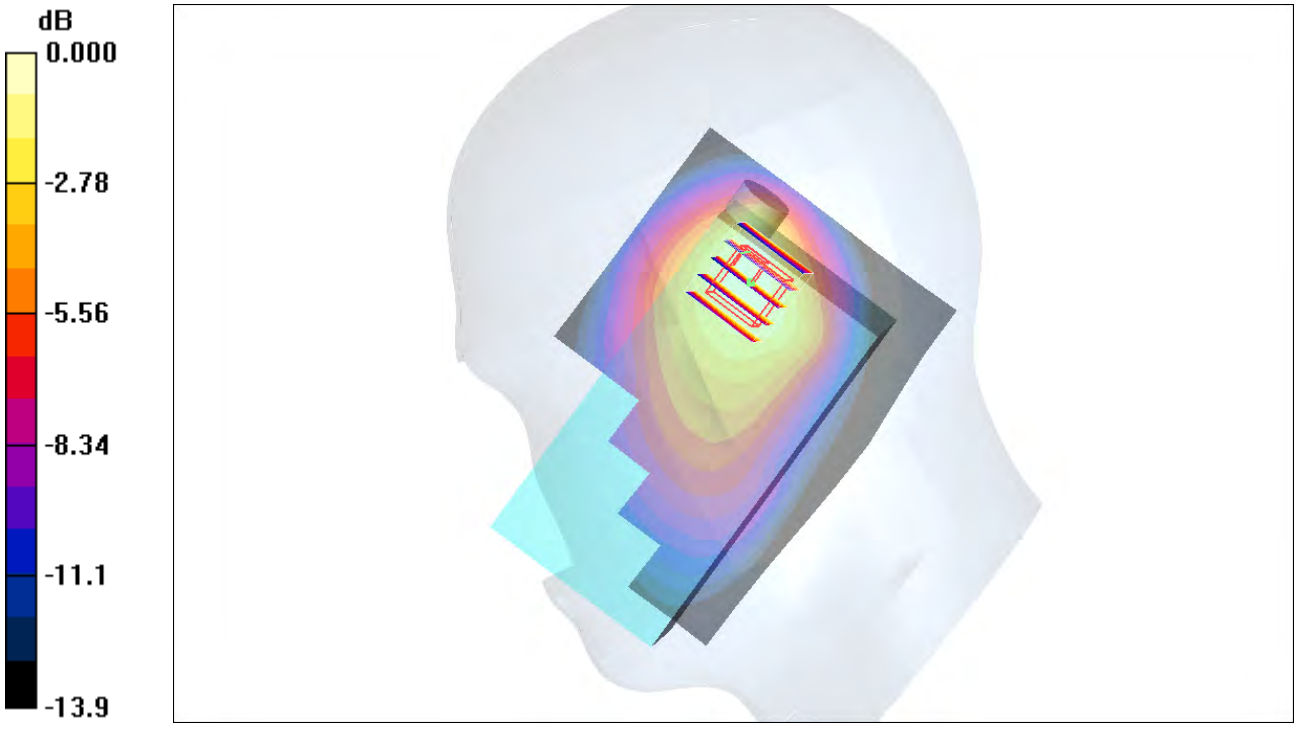
DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_120619 Medium parameters used: f = 836.4 MHz; σ = 0.887 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.997 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.2 V/m; Power Drift = -0.081 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 0.963 mW/g; SAR(10 g) = 0.596 mW/g
Maximum value of SAR (measured) = 1.04 mW/g



0 dB = 1.04mW/g

#605_WCDMA V_RMC 12.2Kbps_Right Tilted_Ch4233;Keypad1_Camera2

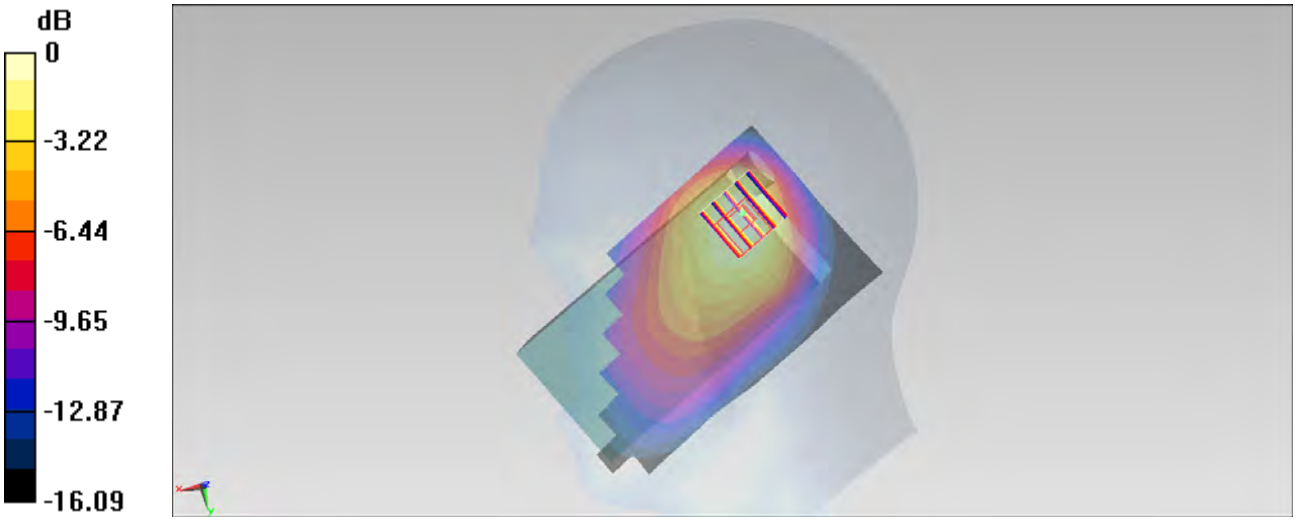
DUT: 320416

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_850_130206 Medium parameters used: f = 847 MHz; σ = 0.881 mho/m; ε_r = 40.923; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch4233/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.26 mW/g

Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 39.131 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.856 mW/g
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.635 mW/g
Maximum value of SAR (measured) = 1.26 mW/g



0 dB = 1.26 mW/g = 2.01 dB mW/g

#606_WCDMA V_RMC 12.2Kbps_Right Tilted_Ch4182;Keypad1_Camera2

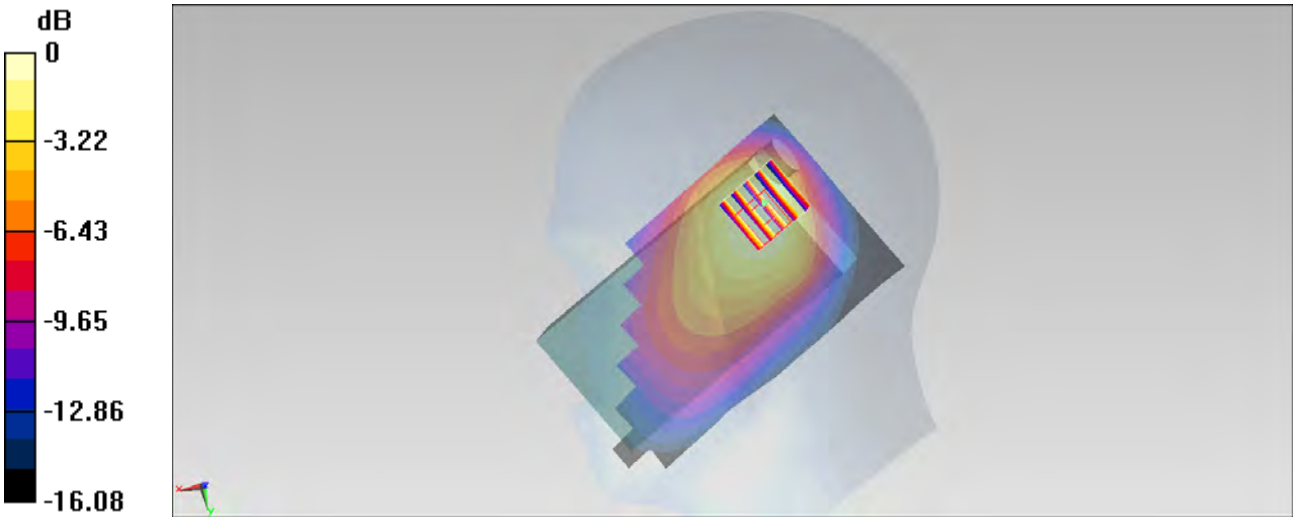
DUT: 320416

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_130206 Medium parameters used: f = 836.4 MHz; σ = 0.874 mho/m; ε_r = 41.051; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch4182/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.29 mW/g

Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 39.241 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.833 mW/g
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.653 mW/g
Maximum value of SAR (measured) = 1.25 mW/g



0 dB = 1.25 mW/g = 1.94 dB mW/g

#608_WCDMA V_RMC 12.2Kbps_Right Tilted_Ch4182;Keypad1_Camera2_Repeat

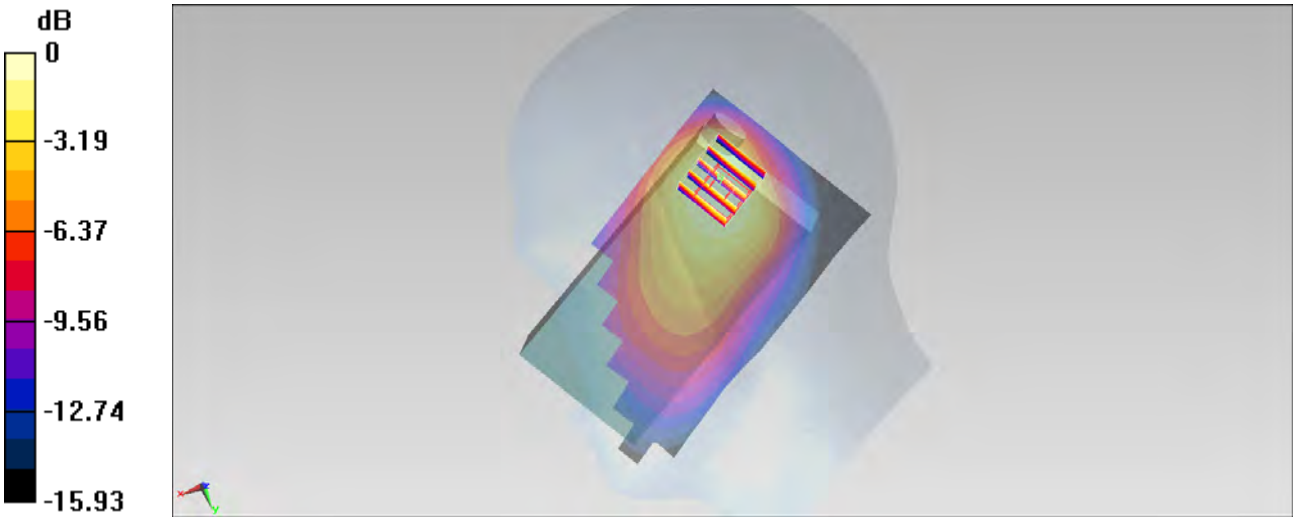
DUT: 320416

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_130206 Medium parameters used: f = 836.4 MHz; σ = 0.874 mho/m; ε_r = 41.051; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch4233/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.28 mW/g

Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 38.523 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.745 mW/g
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.629 mW/g
Maximum value of SAR (measured) = 1.20 mW/g



0 dB = 1.20 mW/g = 1.58 dB mW/g

#607_WCDMA V_RMC 12.2Kbps_Right Tilted_Ch4132;Keypad1_Camera2

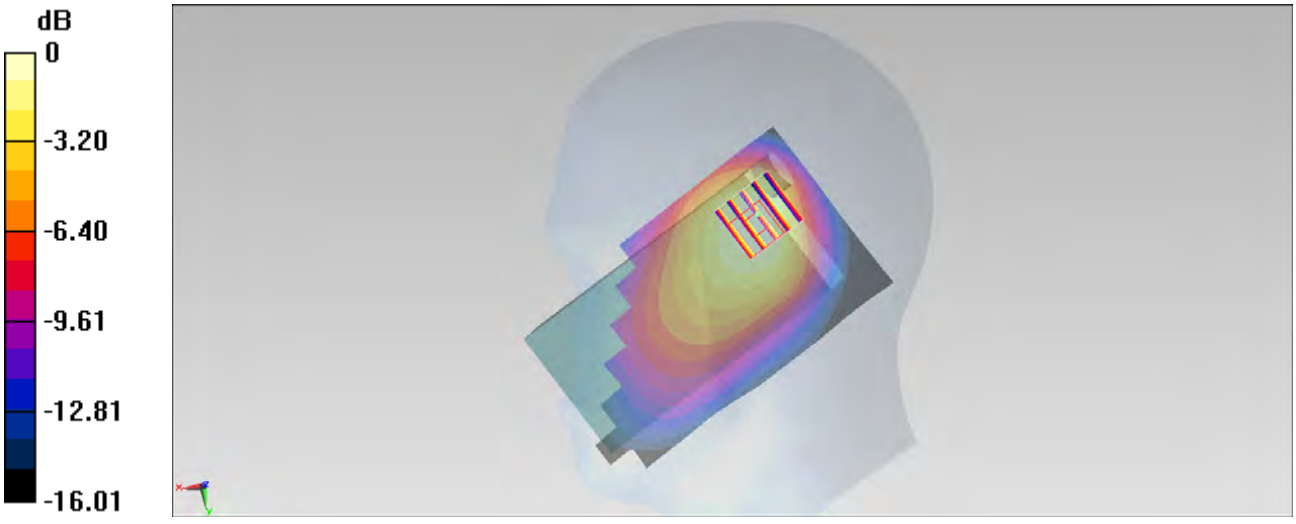
DUT: 320416

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_130206 Medium parameters used: f = 826.4 MHz; σ = 0.866 mho/m; ε_r = 41.123; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch4132/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.28 mW/g

Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 39.012 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.797 mW/g
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.650 mW/g
Maximum value of SAR (measured) = 1.23 mW/g



0 dB = 1.23 mW/g = 1.80 dB mW/g

#19 WCDMA II_RMC12.2K_Right Cheek_Ch9400_Keypad1_Camera1

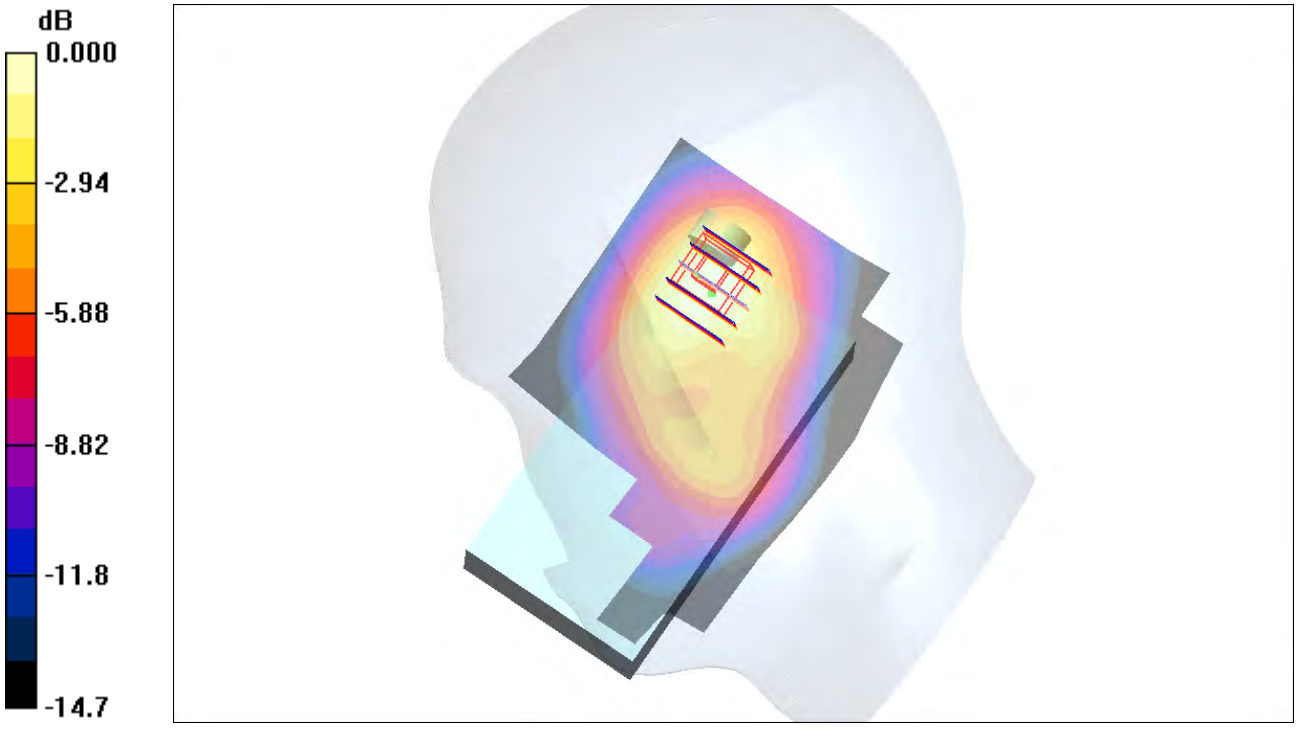
DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120620 Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- 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 (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.03 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.5 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.930 mW/g; SAR(10 g) = 0.542 mW/g
Maximum value of SAR (measured) = 1.000 mW/g



0 dB = 1.00mW/g

#20 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Keypad1_Camera1

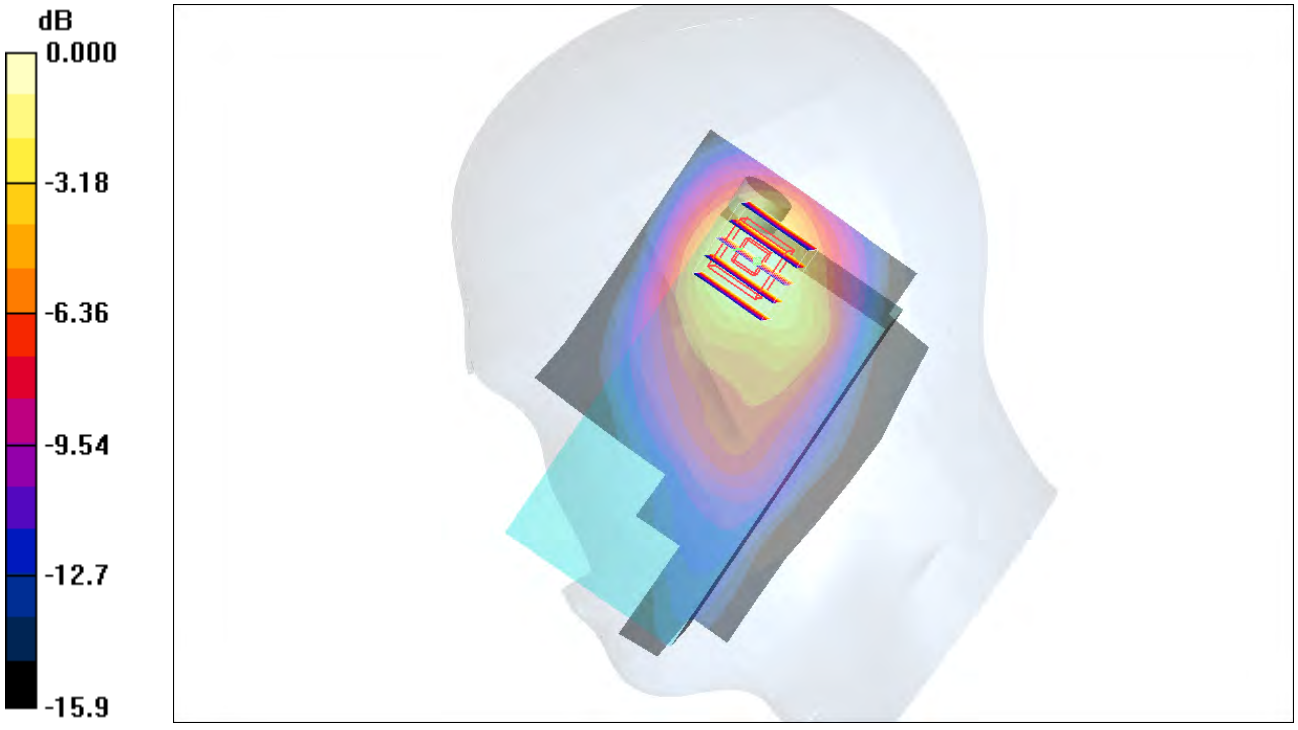
DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120620 Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- 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 (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.28 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.4 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 1.91 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.673 mW/g
Maximum value of SAR (measured) = 1.26 mW/g



0 dB = 1.26mW/g

#21 WCDMA II_RMC12.2K_Left Cheek_Ch9400_Keypad1_Camera1

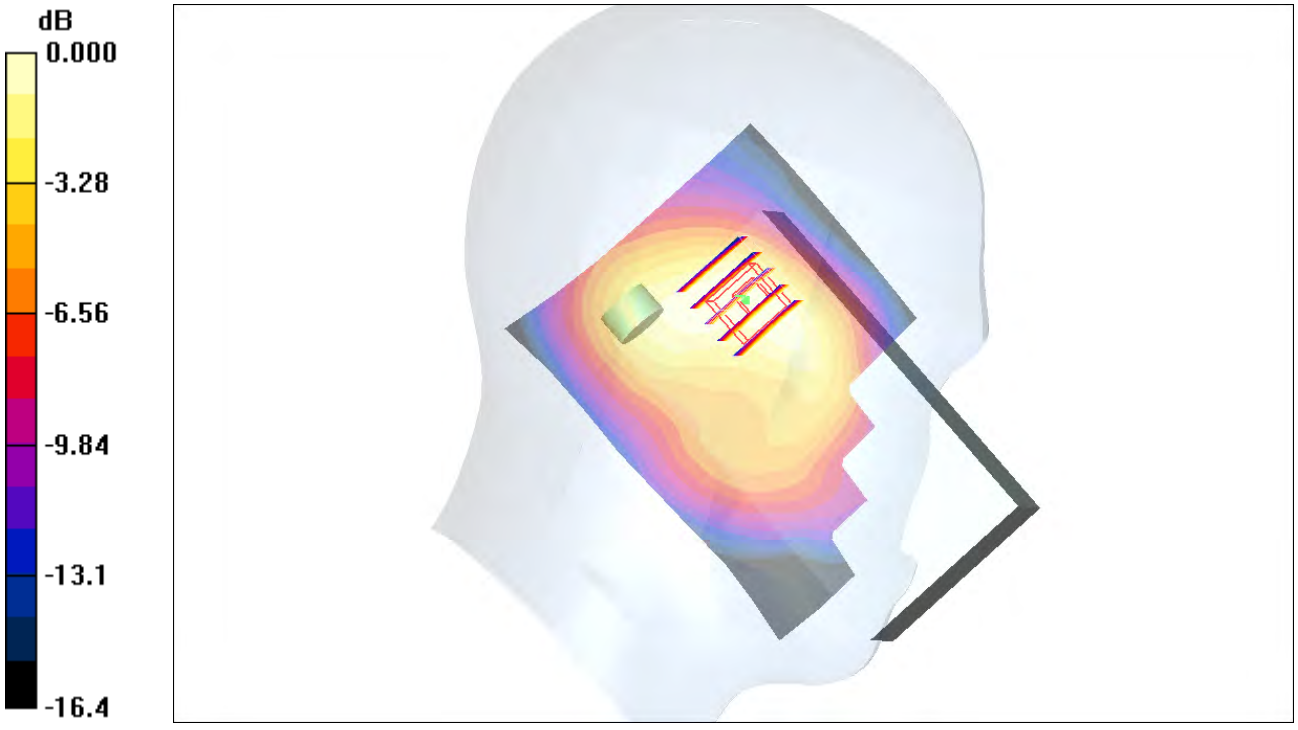
DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120620 Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- 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 (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.748 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.4 V/m; Power Drift = -0.061 dB
Peak SAR (extrapolated) = 0.906 W/kg
SAR(1 g) = 0.642 mW/g; SAR(10 g) = 0.411 mW/g
Maximum value of SAR (measured) = 0.695 mW/g



0 dB = 0.695mW/g

#22 WCDMA II_RMC12.2K_Left Tilted_Ch9400_Keypad1_Camera1

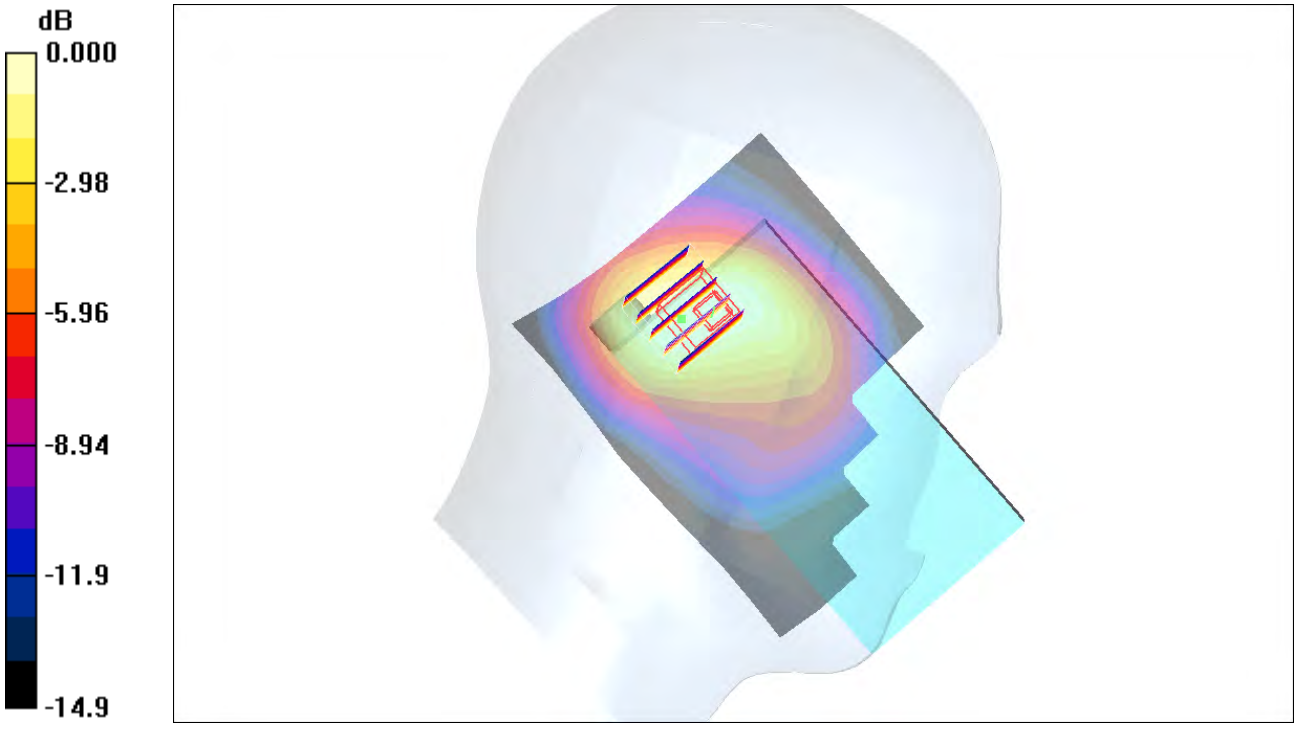
DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120620 Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- 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 (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.823 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.8 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.718 mW/g; SAR(10 g) = 0.449 mW/g
Maximum value of SAR (measured) = 0.774 mW/g



0 dB = 0.774mW/g

#23 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Keypad2_Camera1

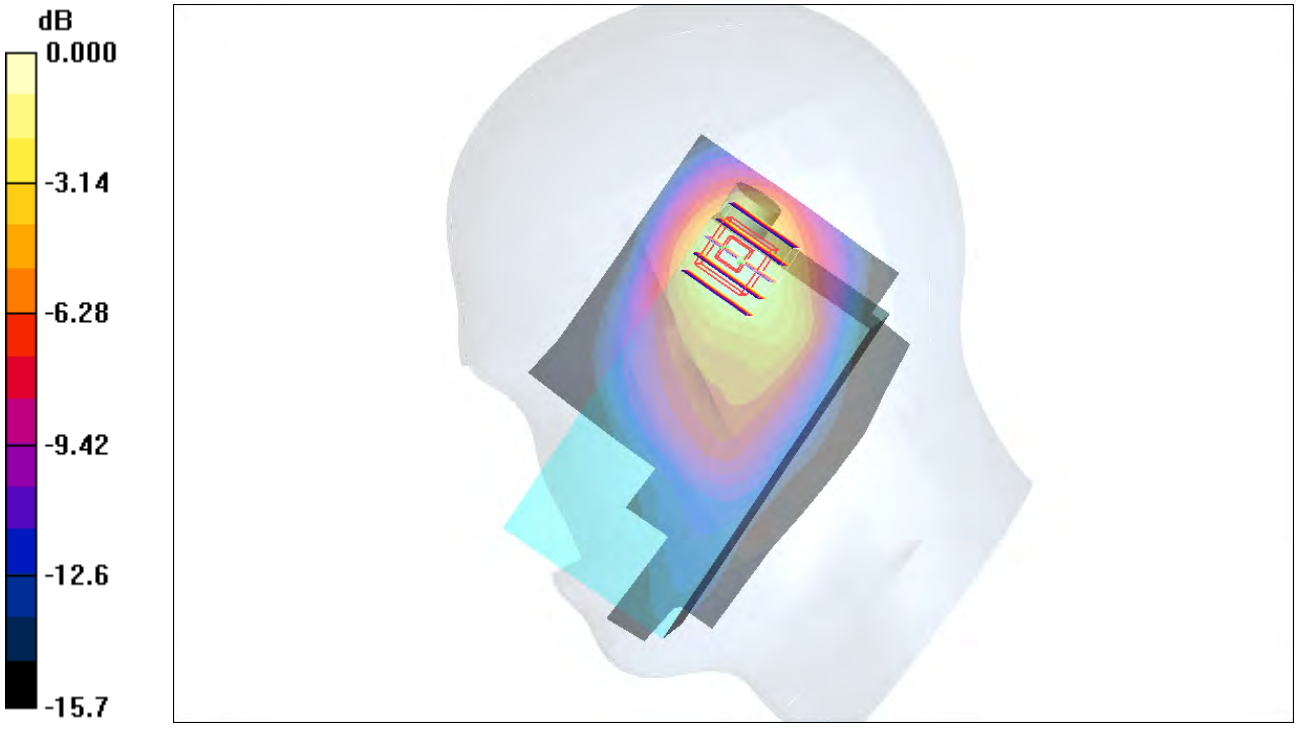
DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120620 Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- 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 (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.29 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.6 V/m; Power Drift = 0.087 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.674 mW/g
Maximum value of SAR (measured) = 1.26 mW/g



0 dB = 1.26mW/g

#24 WCDMA II_RMC12.2K_Right Tilted_Ch9400_Keypad3_Camera1

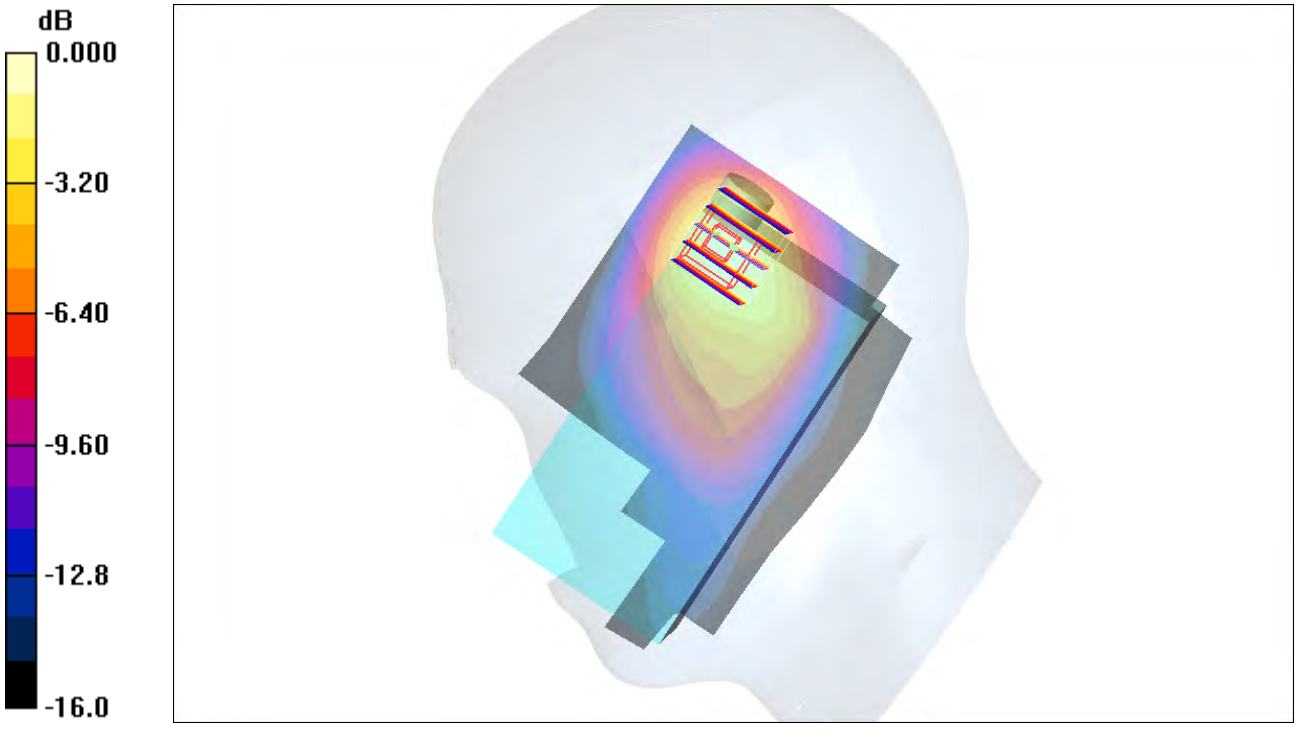
DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_120620 Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- 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 (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.17 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.9 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.647 mW/g
Maximum value of SAR (measured) = 1.23 mW/g



0 dB = 1.23mW/g

#609_WCDMA II_RMC 12.2Kbps_Right Tilted_Ch9538;Keypad1_Camera2

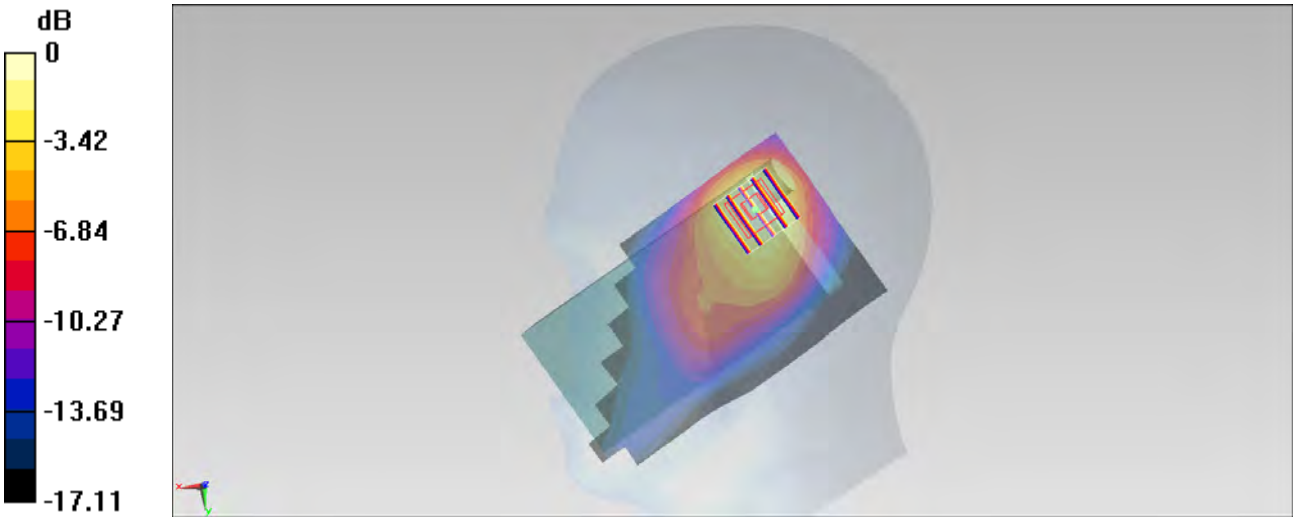
DUT: 320416

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130205 Medium parameters used: f = 1908 MHz; σ = 1.445 mho/m; ε_r = 41.494; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9538/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.16 mW/g

Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.591 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.865 mW/g
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.566 mW/g
Maximum value of SAR (measured) = 1.13 mW/g



0 dB = 1.13 mW/g = 1.06 dB mW/g

#612_WCDMA II_RMC 12.2Kbps_Right Tilted_Ch9538;Keypad1_Camera2_Repeat

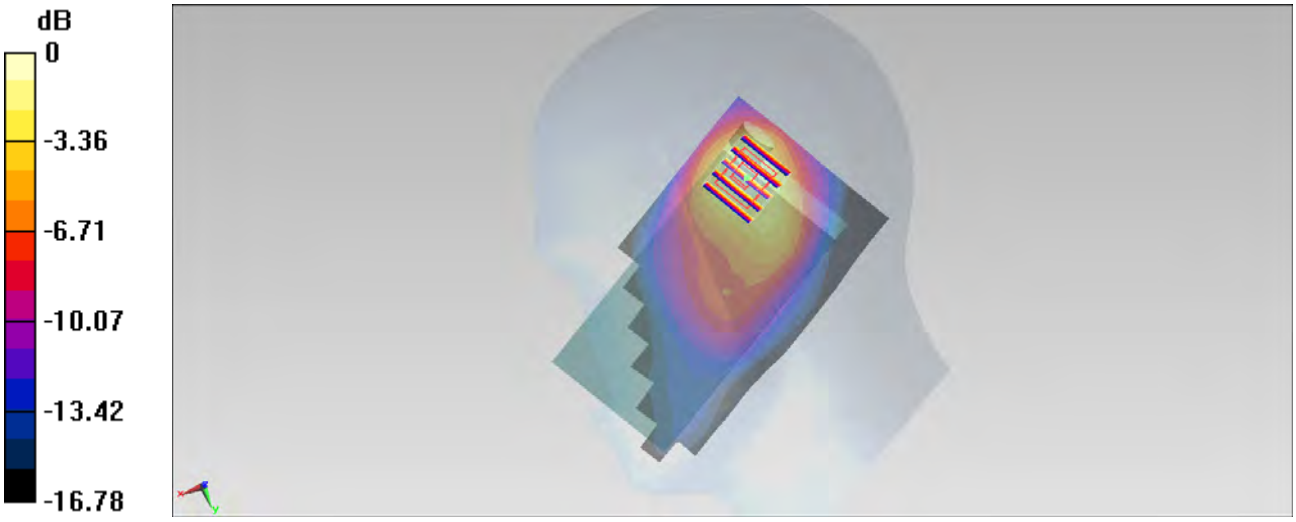
DUT: 320416

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130205 Medium parameters used: f = 1908 MHz; σ = 1.445 mho/m; ε_r = 41.494; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9538/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.33 mW/g

Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.460 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.790 mW/g
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.567 mW/g
Maximum value of SAR (measured) = 1.24 mW/g



0 dB = 1.24 mW/g = 1.87 dB mW/g

#610_WCDMA II_RMC 12.2Kbps_Right Tilted_Ch9262;Keypad1_Camera2

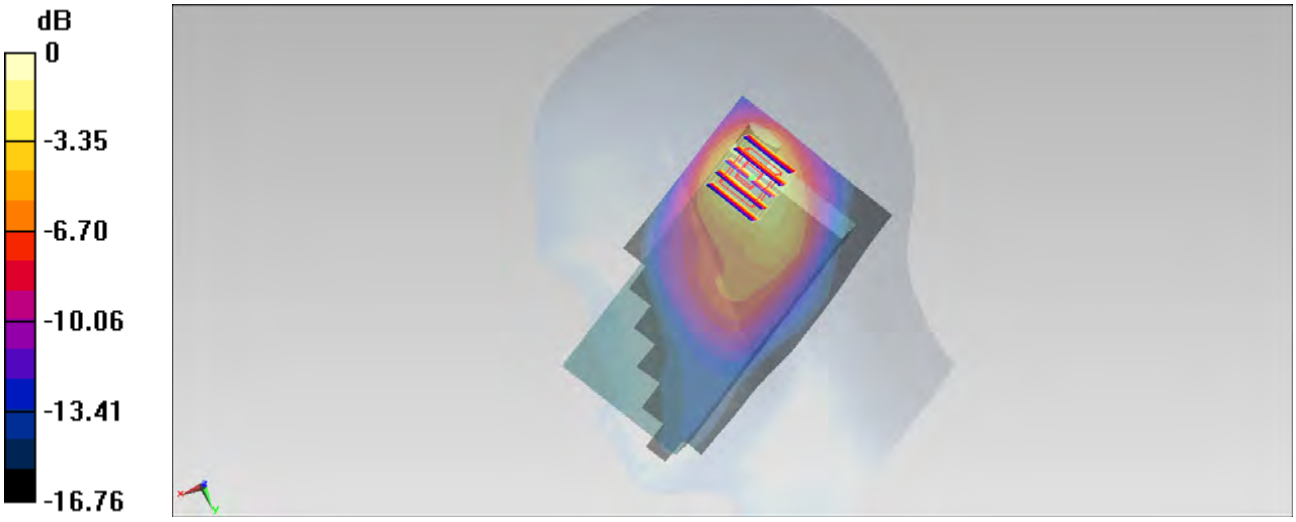
DUT: 320416

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130205 Medium parameters used: f = 1852.4 MHz; σ = 1.391 mho/m; ε_r = 41.571; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9262/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.17 mW/g

Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.847 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.610 mW/g
SAR(1 g) = 0.944 mW/g; SAR(10 g) = 0.526 mW/g
Maximum value of SAR (measured) = 1.12 mW/g



0 dB = 1.12 mW/g = 0.98 dB mW/g

#611_WCDMA II_RMC 12.2Kbps_Right Tilted_Ch9400;Keypad1_Camera2

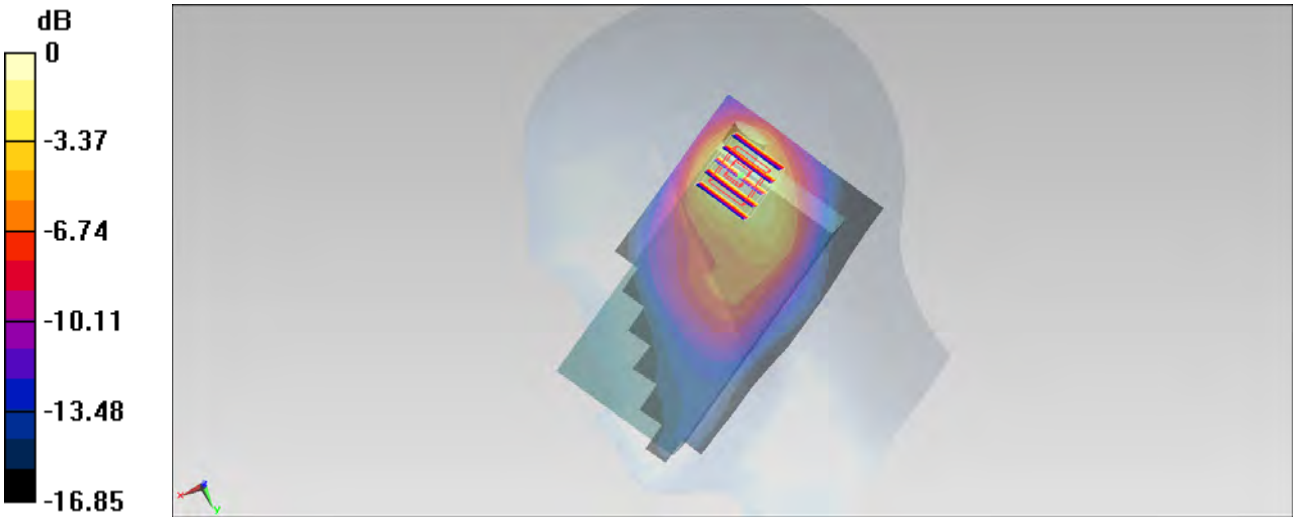
DUT: 320416

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130205 Medium parameters used: f = 1880 MHz; σ = 1.418 mho/m; ε_r = 41.52; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9400/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.21 mW/g

Configuration/Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.571 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.626 mW/g
SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.527 mW/g
Maximum value of SAR (measured) = 1.12 mW/g



0 dB = 1.12 mW/g = 0.98 dB mW/g

#613_CDMA BC0_1xRTT RC3 SO55_Right Cheek_Ch384;Keypad1_Camera2

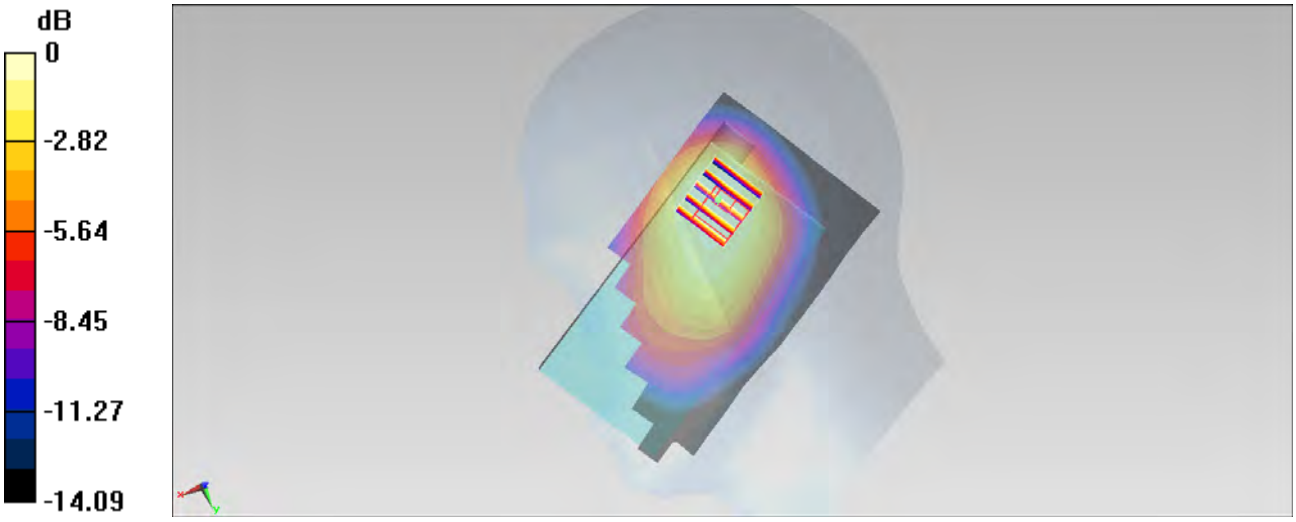
DUT: 320416

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: HSL_850_130206 Medium parameters used: f = 837 MHz; σ = 0.874 mho/m; ε_r = 41.038; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch384/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.31 mW/g

Configuration/Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.510 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.750 mW/g
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.746 mW/g
Maximum value of SAR (measured) = 1.28 mW/g



0 dB = 1.28 mW/g = 2.14 dB mW/g

#614_CDMA BC0_1xRTT RC3 SO55_Right Cheek_Ch384;Keypad1_Camera2_Repeat

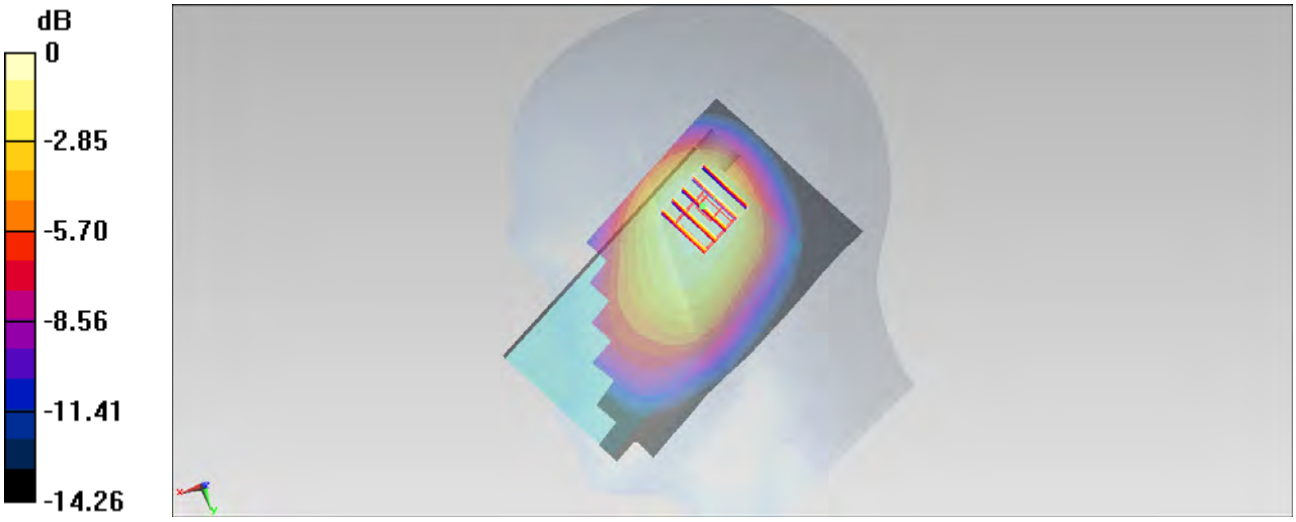
DUT: 320416

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: HSL_850_130206 Medium parameters used: f = 837 MHz; σ = 0.874 mho/m; ε_r = 41.038; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch384/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.28 mW/g

Configuration/Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.964 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.769 mW/g
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.733 mW/g
Maximum value of SAR (measured) = 1.26 mW/g



0 dB = 1.26 mW/g = 2.01 dB mW/g

#615_CDMA BC0_1xRTT RC3 SO55_Right Cheek_Ch1013;Keypad1_Camera2

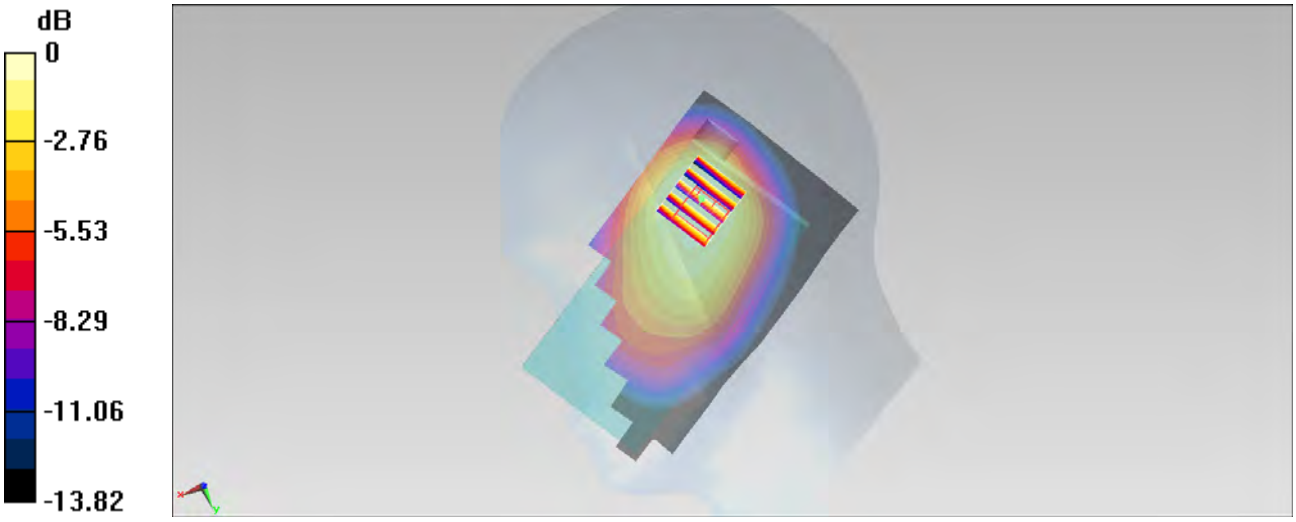
DUT: 320416

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_850_130206 Medium parameters used: f = 825 MHz; σ = 0.865 mho/m; ε_r = 41.154; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1013/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.24 mW/g

Configuration/Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.309 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.692 mW/g
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.723 mW/g
Maximum value of SAR (measured) = 1.23 mW/g



0 dB = 1.23 mW/g = 1.80 dB mW/g

#616_CDMA BC0_1xRTT RC3 SO55_Right Cheek_Ch777;Keypad1_Camera2

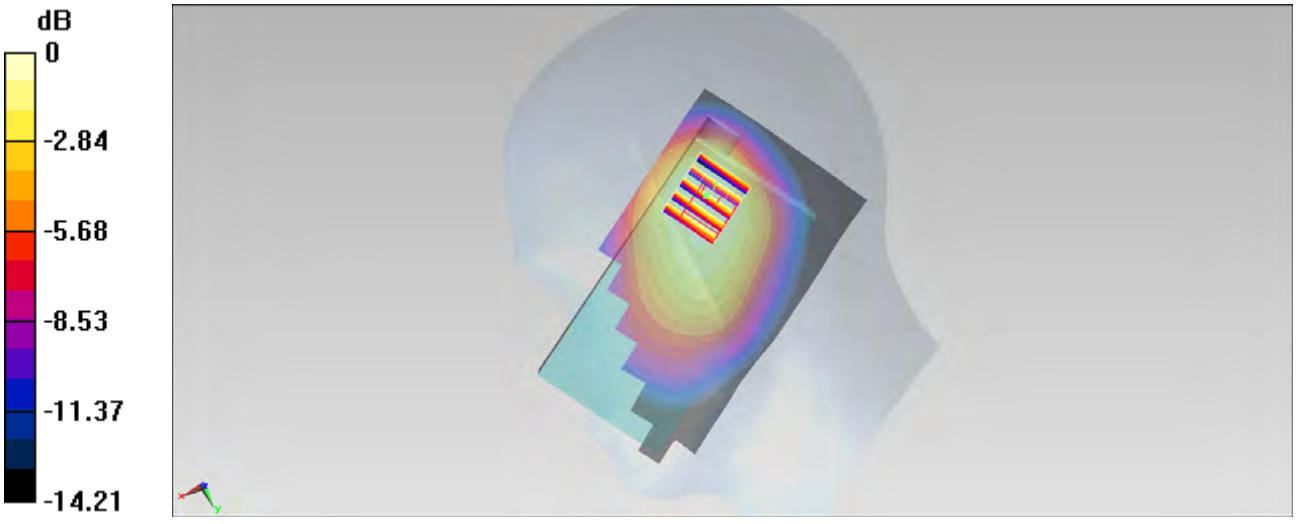
DUT: 320416

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_850_130206 Medium parameters used: f = 848.31 MHz; σ = 0.882 mho/m; ε_r = 40.91; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch777/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.21 mW/g

Configuration/Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.921 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.636 mW/g
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.687 mW/g
Maximum value of SAR (measured) = 1.18 mW/g



0 dB = 1.18 mW/g = 1.44 dB mW/g

#617_CDMA BC0_1xRTT RC3 SO55_Right Tilted_Ch384;Keypad1_Camera2

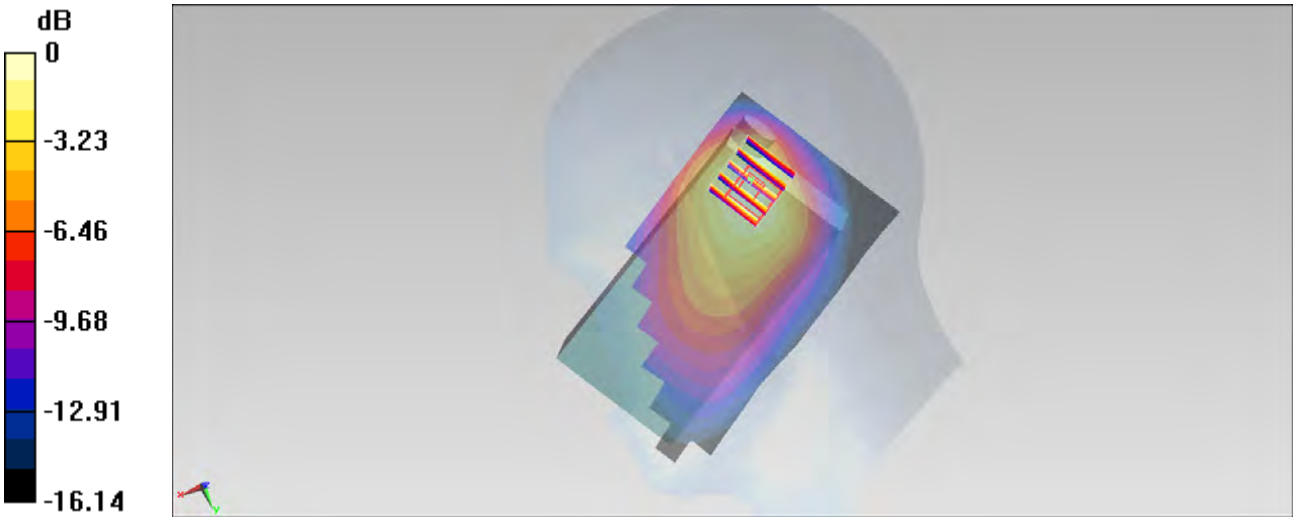
DUT: 320416

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: HSL_850_130206 Medium parameters used: f = 837 MHz; σ = 0.874 mho/m; ε_r = 41.038; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch384/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.25 mW/g

Configuration/Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.492 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.846 mW/g
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.628 mW/g
Maximum value of SAR (measured) = 1.24 mW/g



0 dB = 1.24 mW/g = 1.87 dB mW/g

#618_CDMA BC0_1xRTT RC3 SO55_Right Tilted_Ch1013;Keypad1_Camera2

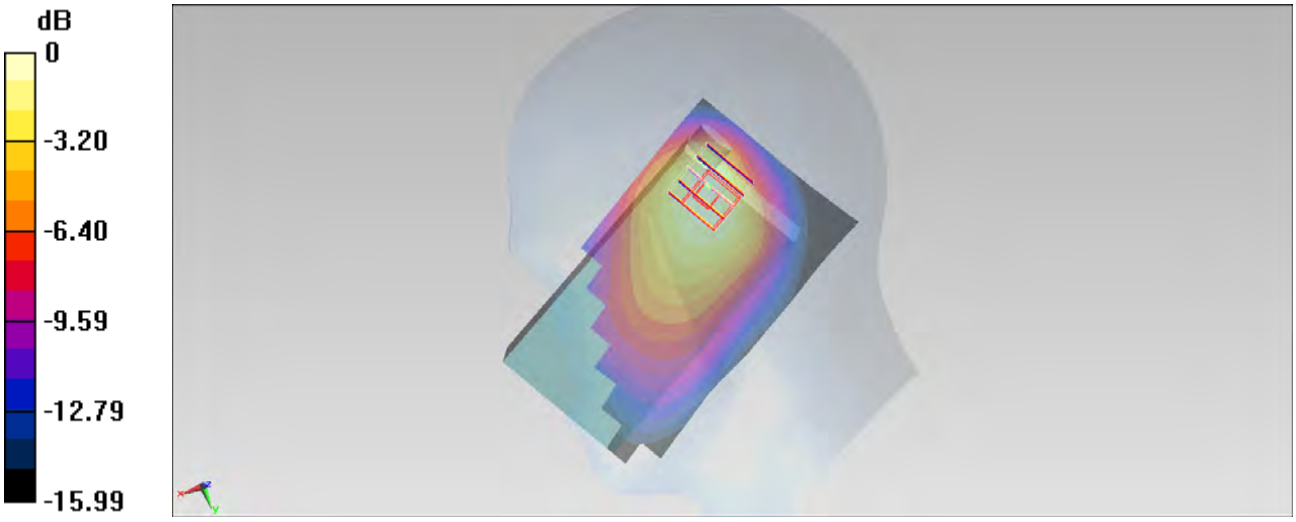
DUT: 320416

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_850_130206 Medium parameters used: f = 825 MHz; σ = 0.865 mho/m; ε_r = 41.154; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1013/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.31 mW/g

Configuration/Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.427 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.889 mW/g
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.671 mW/g
Maximum value of SAR (measured) = 1.29 mW/g



0 dB = 1.29 mW/g = 2.21 dB mW/g

#619_CDMA BC0_1xRTT RC3 SO55_Right Tilted_Ch777;Keypad1_Camera2

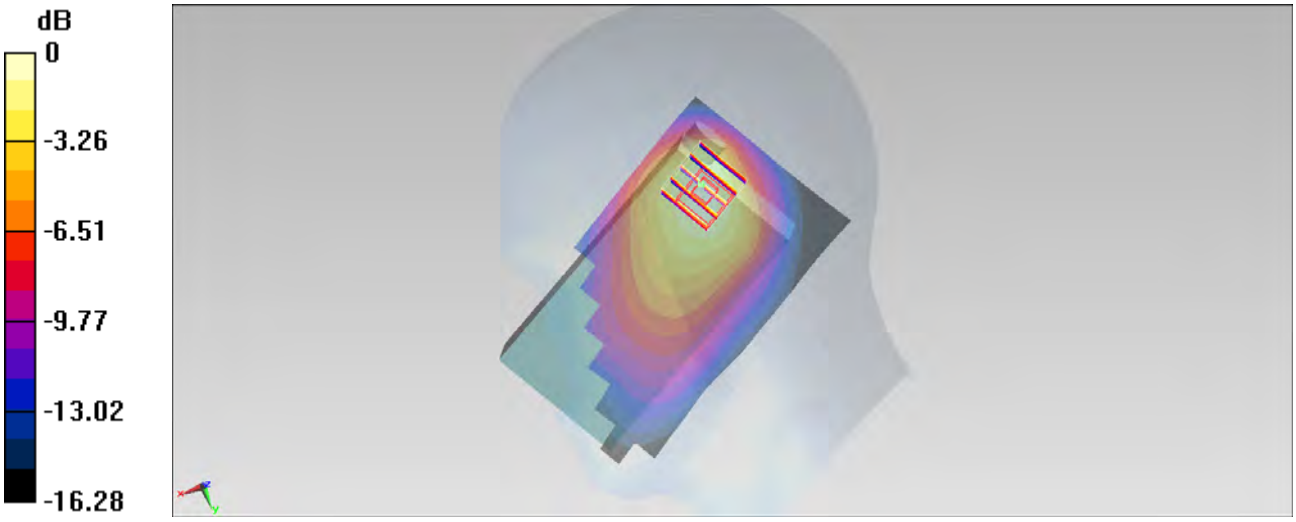
DUT: 320416

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_850_130206 Medium parameters used: f = 848.31 MHz; σ = 0.882 mho/m; ε_r = 40.91; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch777/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.18 mW/g

Configuration/Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.547 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.722 mW/g
SAR(1 g) = 0.976 mW/g; SAR(10 g) = 0.601 mW/g
Maximum value of SAR (measured) = 1.19 mW/g



0 dB = 1.19 mW/g = 1.51 dB mW/g

#620_CDMA BC0_1xRTT RC3 SO55_Left Cheek_Ch384;Keypad1_Camera2

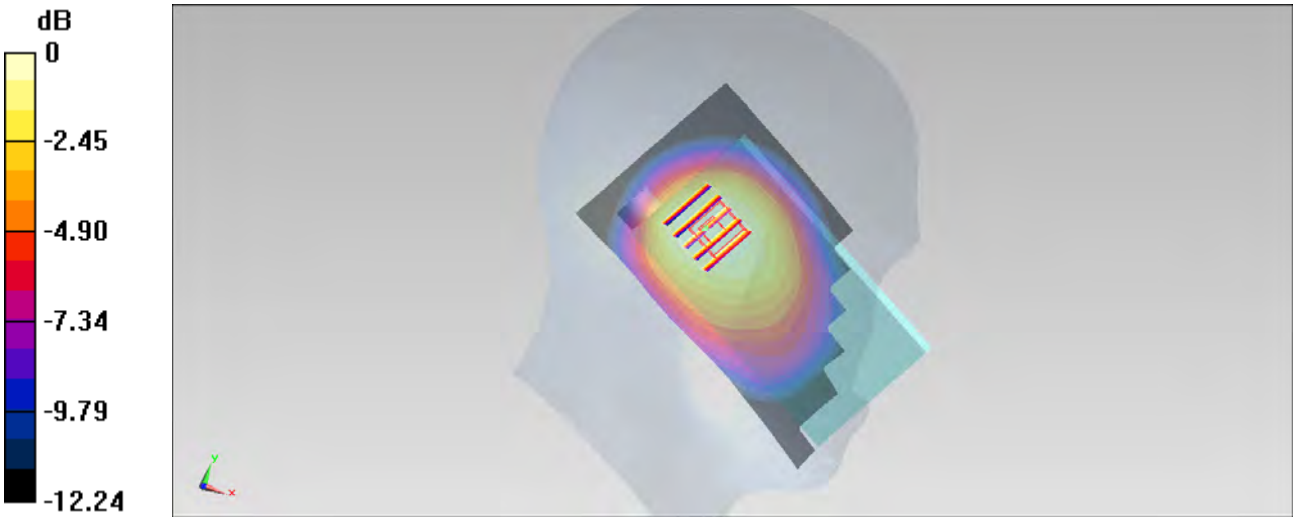
DUT: 320416

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: HSL_850_130206 Medium parameters used: f = 837 MHz; σ = 0.874 mho/m; ε_r = 41.038; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch384/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.12 mW/g

Configuration/Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.574 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.346 mW/g
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.721 mW/g
Maximum value of SAR (measured) = 1.12 mW/g



0 dB = 1.12 mW/g = 0.98 dB mW/g

#621_CDMA BC0_1xRTT RC3 SO55_Left Cheek_Ch1013;Keypad1_Camera2

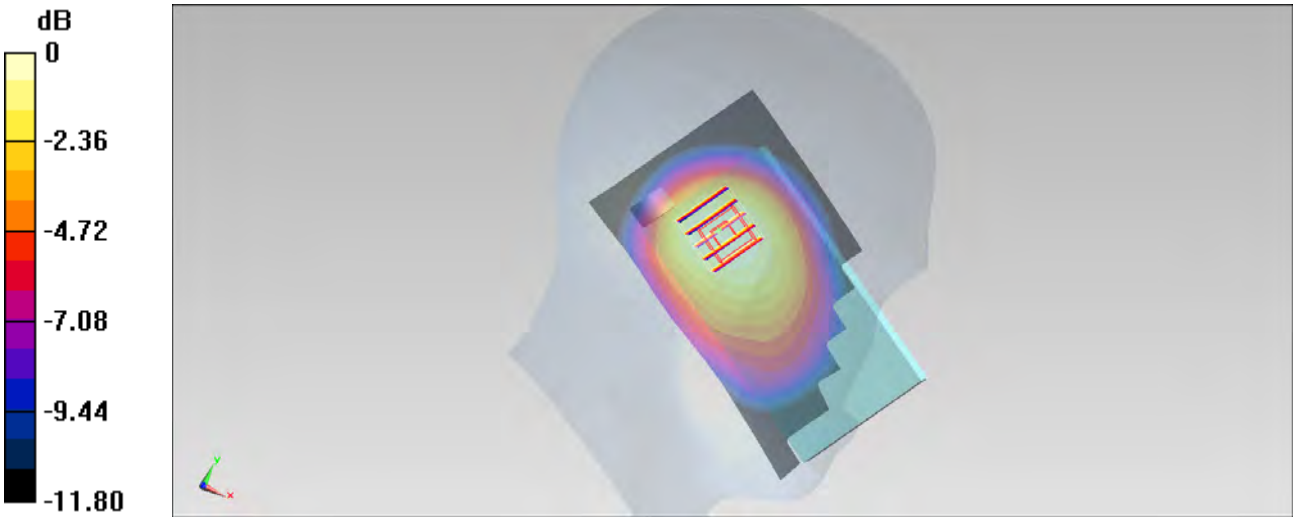
DUT: 320416

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_850_130206 Medium parameters used: f = 825 MHz; σ = 0.865 mho/m; ε_r = 41.154; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1013/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.09 mW/g

Configuration/Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.791 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.281 mW/g
SAR(1 g) = 0.966 mW/g; SAR(10 g) = 0.693 mW/g
Maximum value of SAR (measured) = 1.08 mW/g



0 dB = 1.08 mW/g = 0.67 dB mW/g

#622_CDMA BC0_1xRTT RC3 SO55_Left Cheek_Ch777;Keypad1_Camera2

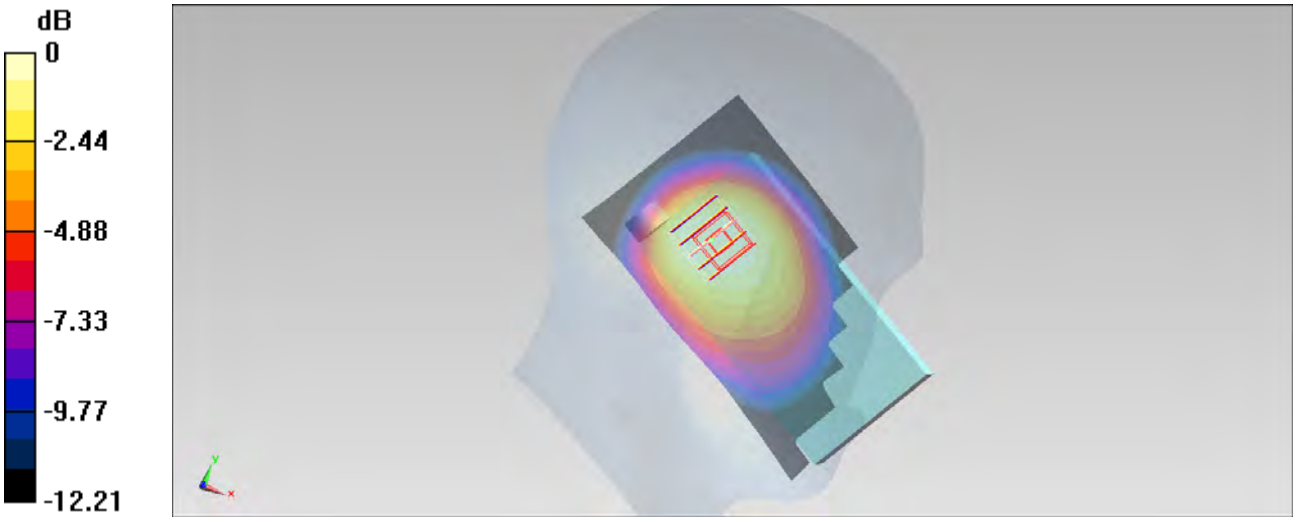
DUT: 320416

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_850_130206 Medium parameters used: f = 848.31 MHz; σ = 0.882 mho/m; ε_r = 40.91; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch777/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.03 mW/g

Configuration/Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.654 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.191 mW/g
SAR(1 g) = 0.899 mW/g; SAR(10 g) = 0.646 mW/g
Maximum value of SAR (measured) = 1.00 mW/g



0 dB = 1.00 mW/g = 0.00 dB mW/g

#623_CDMA BC0_1xRTT RC3 SO55_Left Tilted_Ch384;Keypad1_Camera2

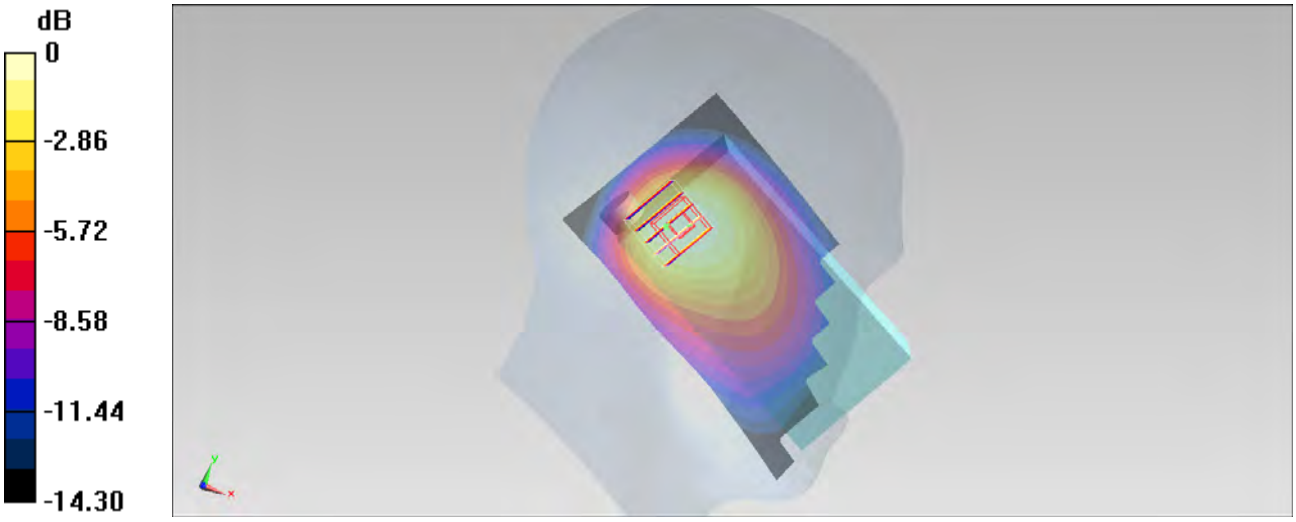
DUT: 320416

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: HSL_850_130206 Medium parameters used: f = 837 MHz; σ = 0.874 mho/m; ε_r = 41.038; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch384/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.07 mW/g

Configuration/Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.244 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.287 mW/g
SAR(1 g) = 0.910 mW/g; SAR(10 g) = 0.616 mW/g
Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.02 mW/g = 0.17 dB mW/g

#624_CDMA BC0_1xRTT RC3 SO55_Left Tilted_Ch1013;Keypad1_Camera2

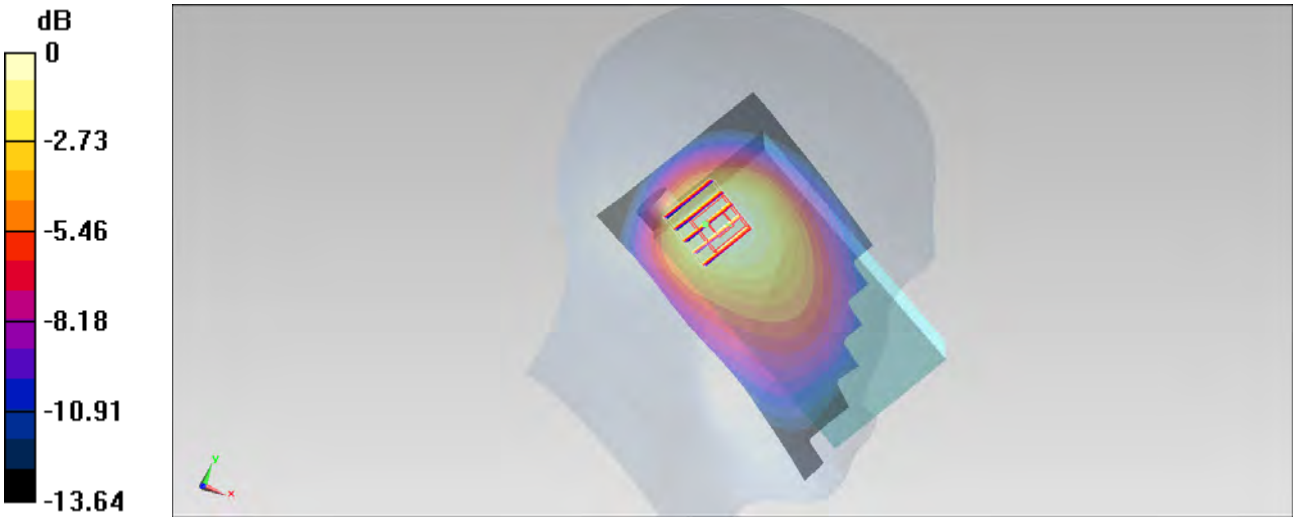
DUT: 320416

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium: HSL_850_130206 Medium parameters used: f = 825 MHz; σ = 0.865 mho/m; ε_r = 41.154; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1013/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.04 mW/g

Configuration/Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.832 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.242 mW/g
SAR(1 g) = 0.889 mW/g; SAR(10 g) = 0.608 mW/g
Maximum value of SAR (measured) = 0.986 mW/g



0 dB = 0.986 mW/g = -0.12 dB mW/g

#625_CDMA BC0_1xRTT RC3 SO55_Left Tilted_Ch777;Keypad1_Camera2

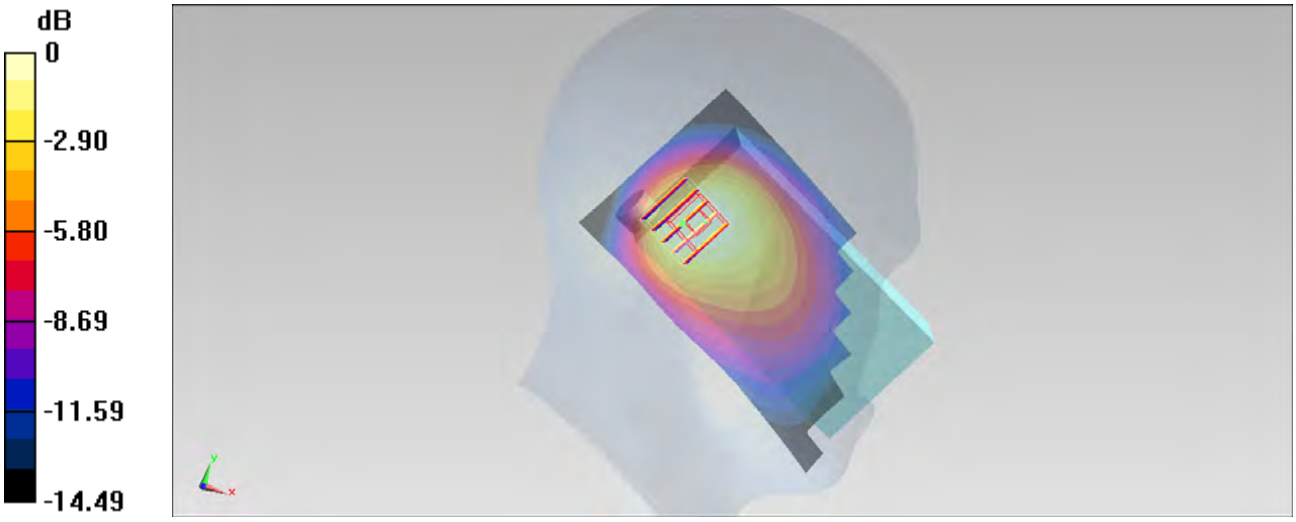
DUT: 320416

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_850_130206 Medium parameters used: f = 848.31 MHz; σ = 0.882 mho/m; ε_r = 40.91; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.2, 6.2, 6.2); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch777/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.995 mW/g

Configuration/Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.115 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.192 mW/g
SAR(1 g) = 0.825 mW/g; SAR(10 g) = 0.556 mW/g
Maximum value of SAR (measured) = 0.928 mW/g



0 dB = 0.928 mW/g = -0.65 dB mW/g

#626_CDMA BC1_1xRTT RC3 SO55_Right Cheek_Ch1175;Keypad1_Camera2

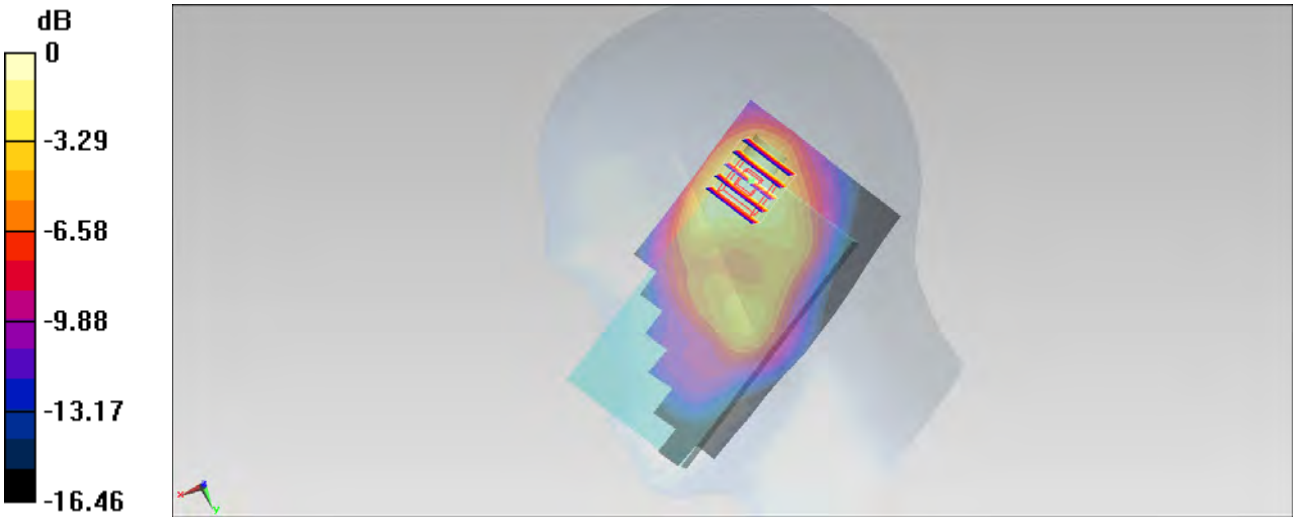
DUT: 320416

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130205 Medium parameters used: f = 1909 MHz; σ = 1.446 mho/m; ε_r = 41.491; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1175/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.999 mW/g

Configuration/Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.244 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.442 mW/g
SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.488 mW/g
Maximum value of SAR (measured) = 1.04 mW/g



0 dB = 1.04 mW/g = 0.34 dB mW/g

#627_CDMA BC1_1xRTT RC3 SO55_Right Cheek_Ch25;Keypad1_Camera2

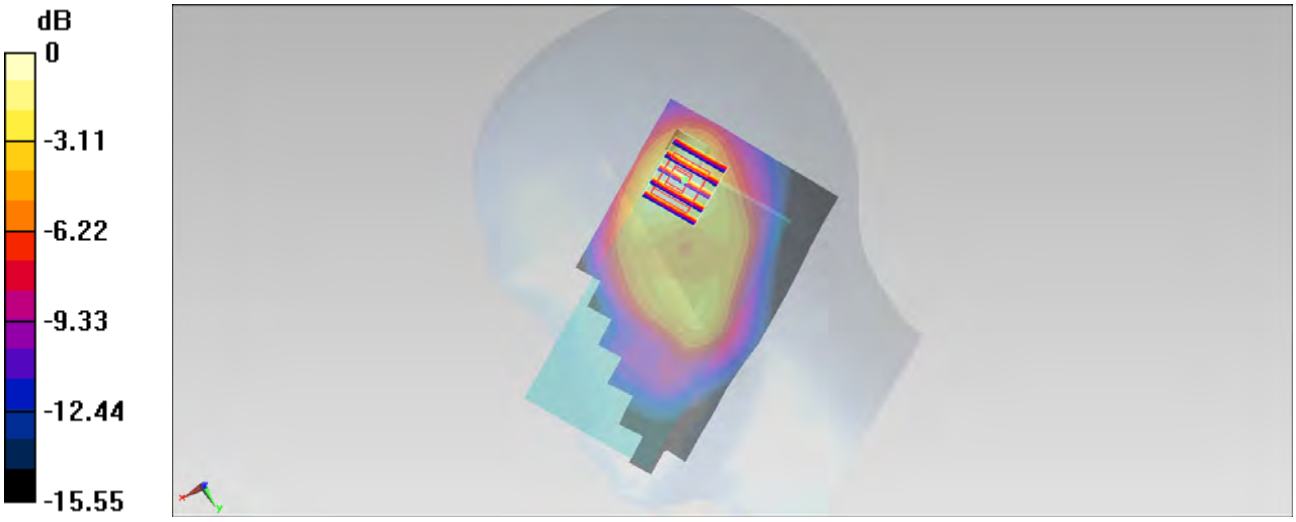
DUT: 320416

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130205 Medium parameters used: f = 1851.25 MHz; σ = 1.389 mho/m; ε_r = 41.576; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch25/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.985 mW/g

Configuration/Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.510 V/m; Power Drift = -0.120 dB
Peak SAR (extrapolated) = 1.357 mW/g
SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.463 mW/g
Maximum value of SAR (measured) = 0.933 mW/g



0 dB = 0.933 mW/g = -0.60 dB mW/g

#628_CDMA BC1_1xRTT RC3 SO55_Right Cheek_Ch600;Keypad1_Camera2

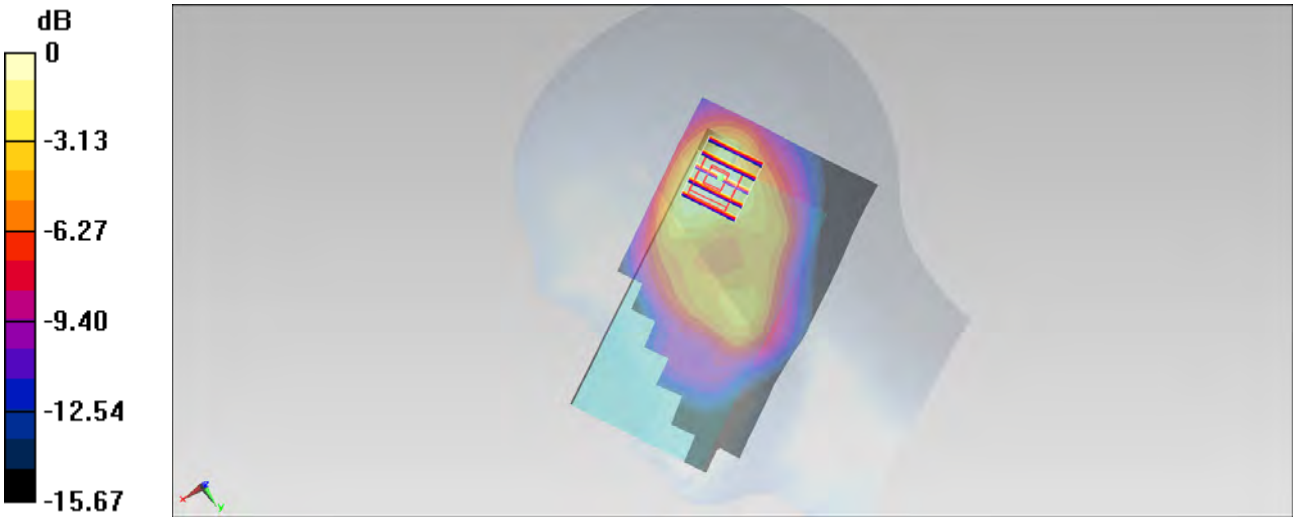
DUT: 320416

Communication System: CDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130205 Medium parameters used: f = 1880 MHz; σ = 1.418 mho/m; ε_r = 41.52; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch600/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.01 mW/g

Configuration/Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.922 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.520 mW/g
SAR(1 g) = 0.875 mW/g; SAR(10 g) = 0.499 mW/g
Maximum value of SAR (measured) = 1.01 mW/g



0 dB = 1.01 mW/g = 0.09 dB mW/g

#629_CDMA BC1_1xRTT RC3 SO55_Right Tilted_Ch1175;Keypad1_Camera2

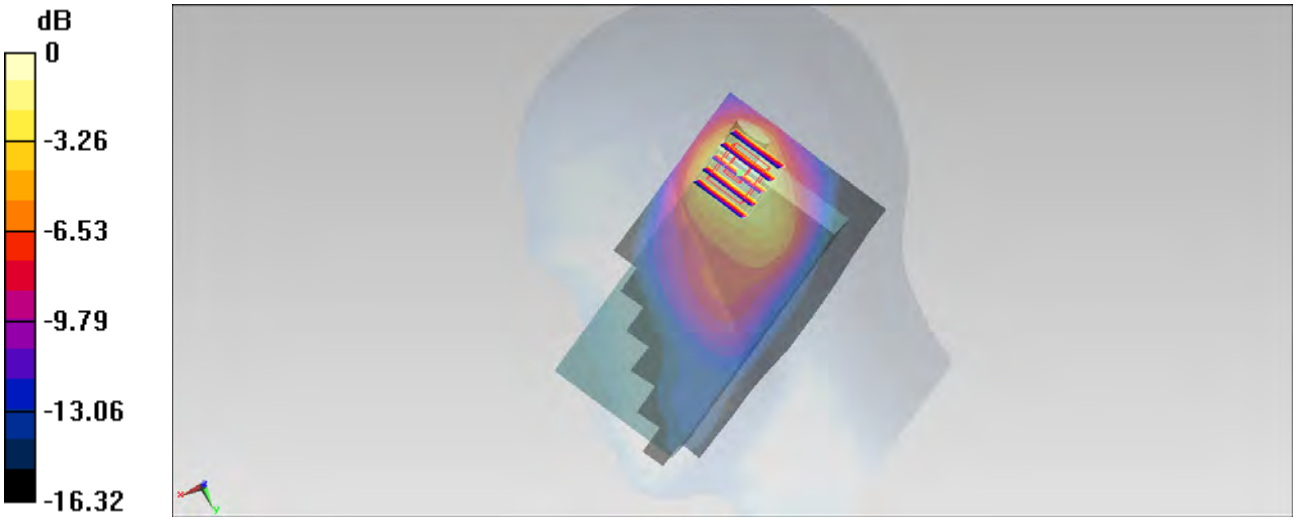
DUT: 320416

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130205 Medium parameters used: f = 1909 MHz; σ = 1.446 mho/m; ε_r = 41.491; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1175/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.39 mW/g

Configuration/Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.359 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.946 mW/g
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.617 mW/g
Maximum value of SAR (measured) = 1.35 mW/g



0 dB = 1.35 mW/g = 2.61 dB mW/g

#630_CDMA BC1_1xRTT RC3 SO55_Right Tilted_Ch25;Keypad1_Camera2

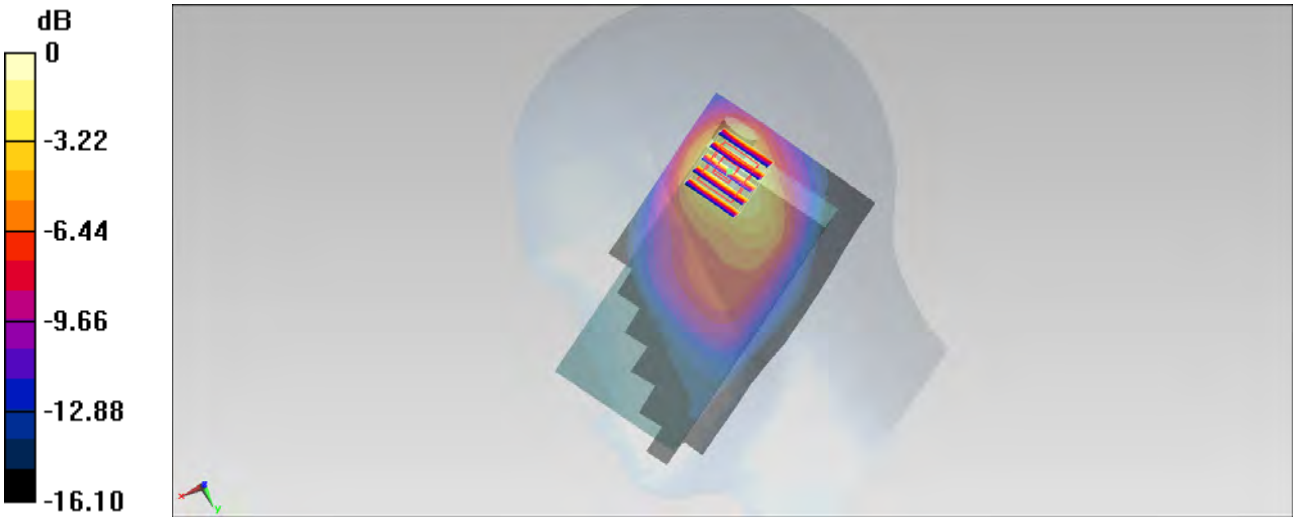
DUT: 320416

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130205 Medium parameters used: f = 1851.25 MHz; σ = 1.389 mho/m; ε_r = 41.576; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch25/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.30 mW/g

Configuration/Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.759 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.796 mW/g
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.599 mW/g
Maximum value of SAR (measured) = 1.27 mW/g



0 dB = 1.27 mW/g = 2.08 dB mW/g

#631_CDMA BC1_1xRTT RC3 SO55_Right Tilted_Ch600;Keypad1_Camera2

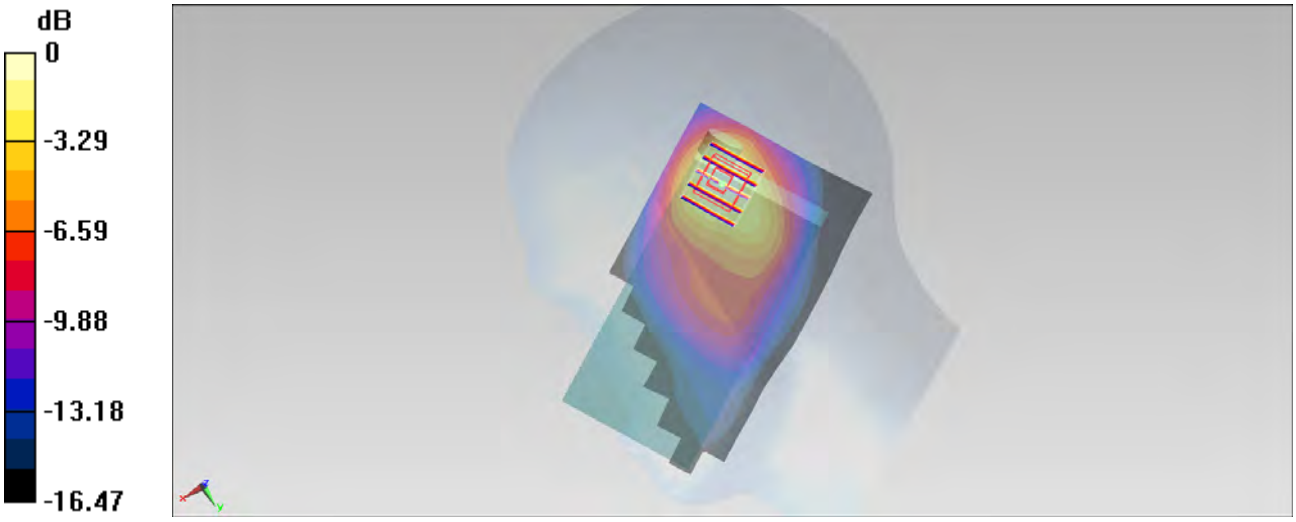
DUT: 320416

Communication System: CDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130205 Medium parameters used: f = 1880 MHz; σ = 1.418 mho/m; ε_r = 41.52; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch600/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.38 mW/g

Configuration/Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.922 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.895 mW/g
SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.625 mW/g
Maximum value of SAR (measured) = 1.28 mW/g



0 dB = 1.28 mW/g = 2.14 dB mW/g

#632_CDMA BC1_1xRTT RC3 SO55_Right Tilted_Ch600;Keypad1_Camera2_Repeat

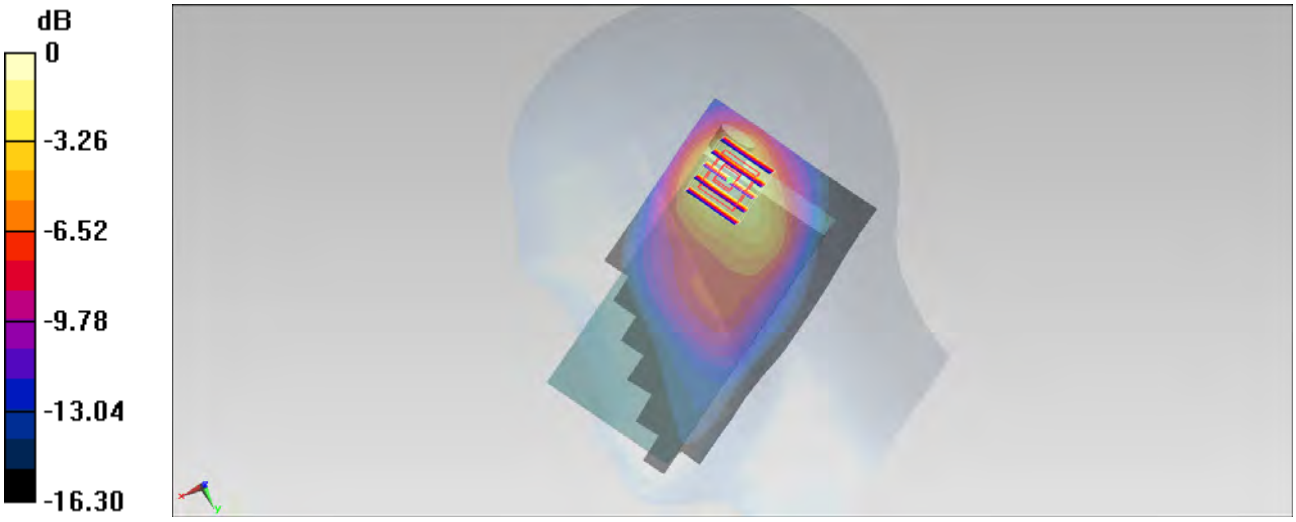
DUT: 320416

Communication System: CDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130205 Medium parameters used: f = 1880 MHz; σ = 1.418 mho/m; ε_r = 41.52; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch600/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.36 mW/g

Configuration/Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.544 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.899 mW/g
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.616 mW/g
Maximum value of SAR (measured) = 1.31 mW/g



0 dB = 1.31 mW/g = 2.35 dB mW/g

#633_CDMA BC1_1xRTT RC3 SO55_Left Cheek_Ch1175;Keypad1_Camera2

DUT: 320416

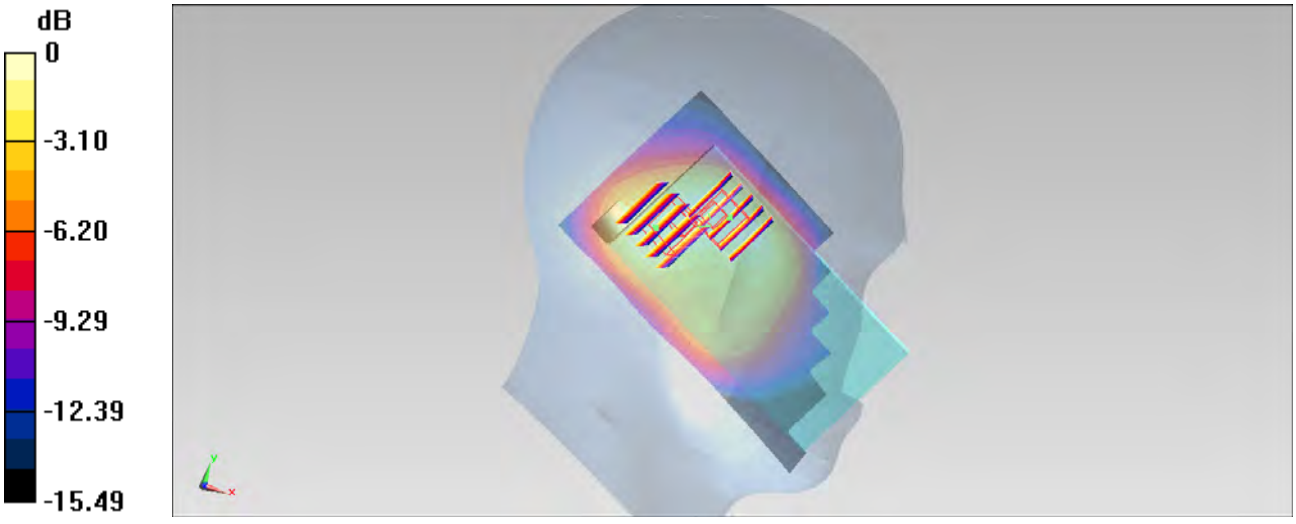
Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130205 Medium parameters used: f = 1909 MHz; σ = 1.446 mho/m; ε_r = 41.491; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1175/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.749 mW/g

Configuration/Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.092 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.950 mW/g
SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.391 mW/g
Maximum value of SAR (measured) = 0.722 mW/g

Configuration/Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.092 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.880 mW/g
SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.340 mW/g
Maximum value of SAR (measured) = 0.673 mW/g



0 dB = 0.673 mW/g = -3.44 dB mW/g

#634_CDMA BC1_1xRTT RC3 SO55_Left Tilted_Ch1175;Keypad1_Camera2

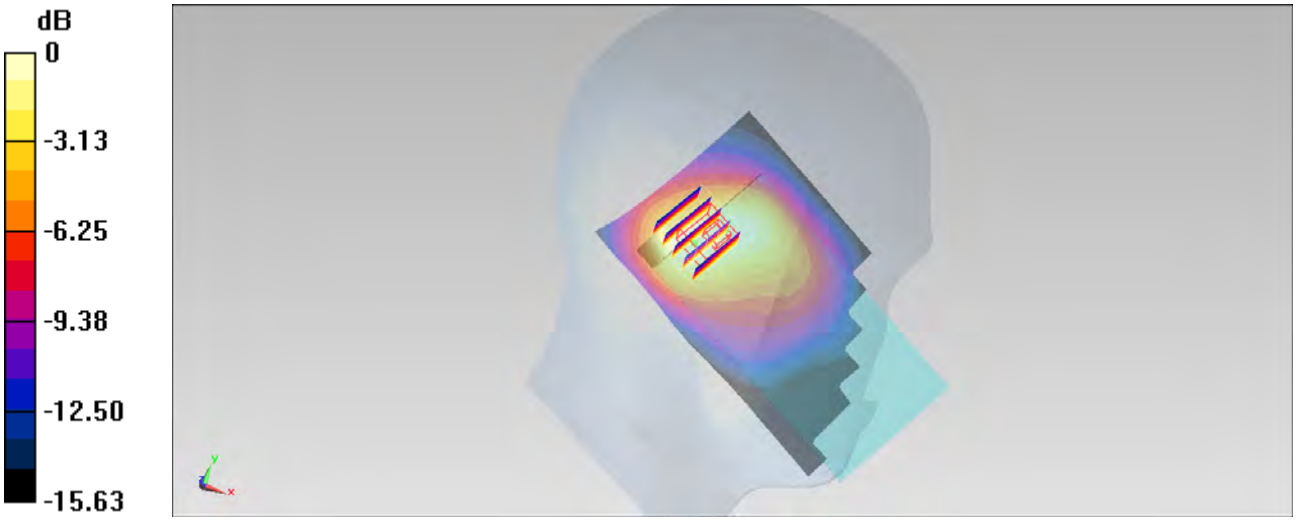
DUT: 320416

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130205 Medium parameters used: f = 1909 MHz; σ = 1.446 mho/m; ε_r = 41.491; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1175/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.932 mW/g

Configuration/Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.978 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.154 mW/g
SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.461 mW/g
Maximum value of SAR (measured) = 0.873 mW/g



0 dB = 0.873 mW/g = -1.18 dB mW/g

#635_CDMA BC1_1xRTT RC3 SO55_Left Tilted_Ch25;Keypad1_Camera2

DUT: 320416

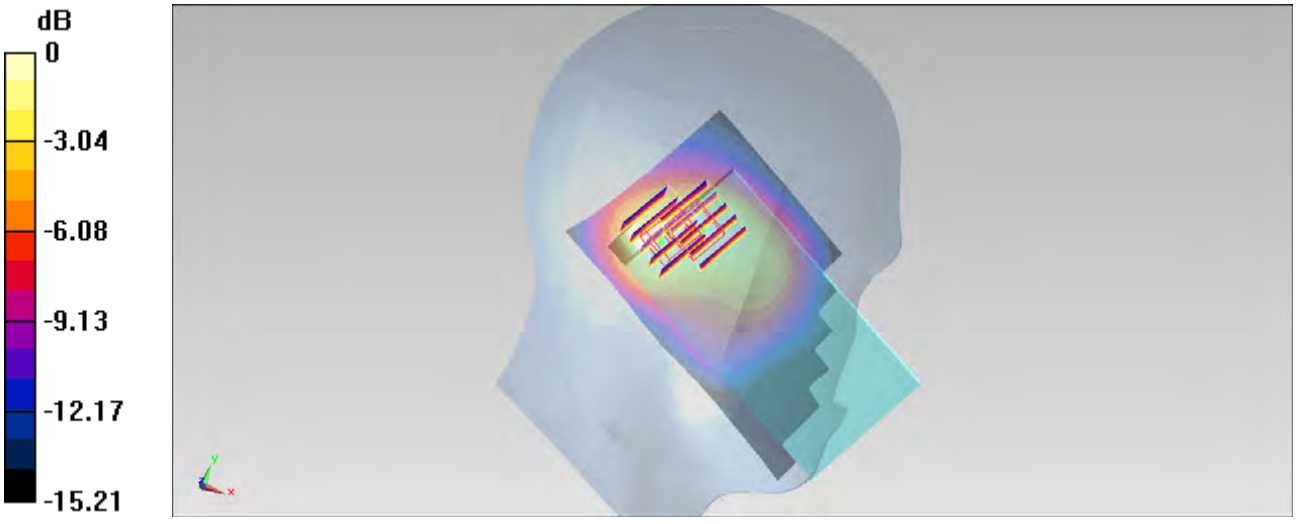
Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130205 Medium parameters used: f = 1851.25 MHz; σ = 1.389 mho/m; ε_r = 41.576; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch25/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.833 mW/g

Configuration/Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.611 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.030 mW/g
SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.403 mW/g
Maximum value of SAR (measured) = 0.757 mW/g

Configuration/Ch25/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.611 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.982 mW/g
SAR(1 g) = 0.631 mW/g; SAR(10 g) = 0.396 mW/g
Maximum value of SAR (measured) = 0.748 mW/g



0 dB = 0.748 mW/g = -2.52 dB mW/g

#636_CDMA BC1_1xRTT RC3 SO55_Left Tilted_Ch600;Keypad1_Camera2

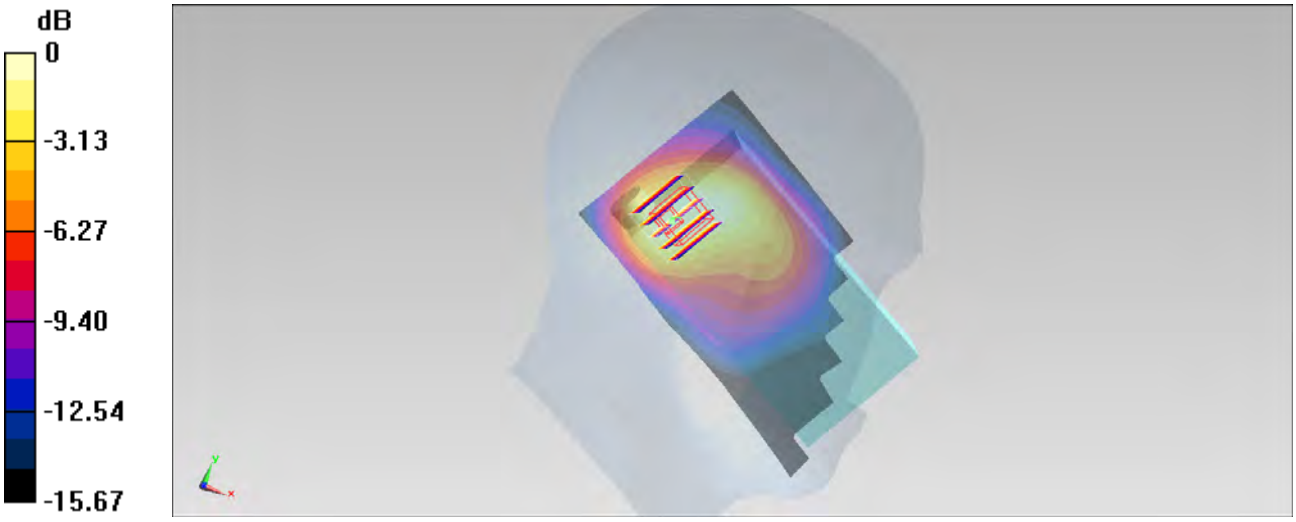
DUT: 320416

Communication System: CDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130205 Medium parameters used: f = 1880 MHz; σ = 1.418 mho/m; ε_r = 41.52; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(5.05, 5.05, 5.05); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch600/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.896 mW/g

Configuration/Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.189 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.140 mW/g
SAR(1 g) = 0.705 mW/g; SAR(10 g) = 0.436 mW/g
Maximum value of SAR (measured) = 0.833 mW/g



0 dB = 0.833 mW/g = -1.59 dB mW/g

#637_WLAN2.4G_802.11b_Right Check_Ch1;Keypad1_Camera2

DUT: 320416

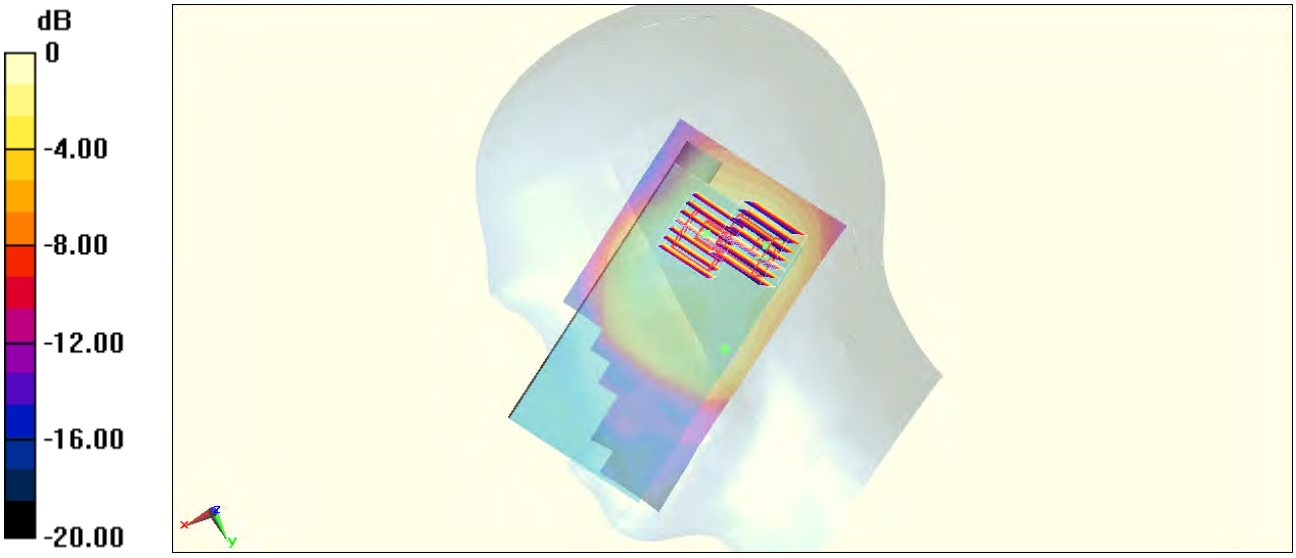
Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130304 Medium parameters used: f = 2412 MHz; σ = 1.8 mho/m; ε_r = 38.767; ρ = 1000 kg/m^3
Ambient Temperature：22.4℃; Liquid Temperature：21.4℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(6.82, 6.82, 6.82); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1/Area Scan (81x151x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.163 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.726 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.205 mW/g
SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.067 mW/g
Maximum value of SAR (measured) = 0.160 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.726 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.198 mW/g
SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.147 mW/g



0 dB = 0.147 mW/g = -16.65 dB mW/g

#638_WLAN2.4G_802.11b_Right Tilted_Ch1;Keypad1_Camera2

DUT: 320416

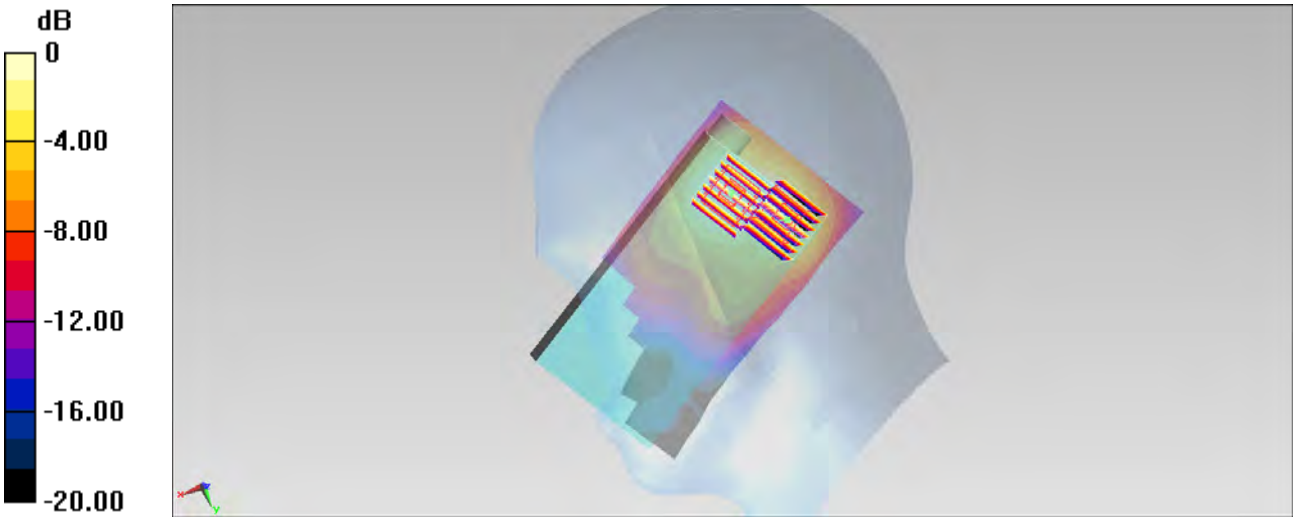
Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130207 Medium parameters used: f = 2412 MHz; σ = 1.809 mho/m; ε_r = 38.256; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.45, 4.45, 4.45); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1/Area Scan (81x151x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.166 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.935 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.230 mW/g
SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.075 mW/g
Maximum value of SAR (measured) = 0.164 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.935 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.197 mW/g
SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.127 mW/g



0 dB = 0.127 mW/g = -17.92 dB mW/g

#639_WLAN2.4G_802.11b_Left Check_Ch1;Keypad1_Camera2

DUT: 320416

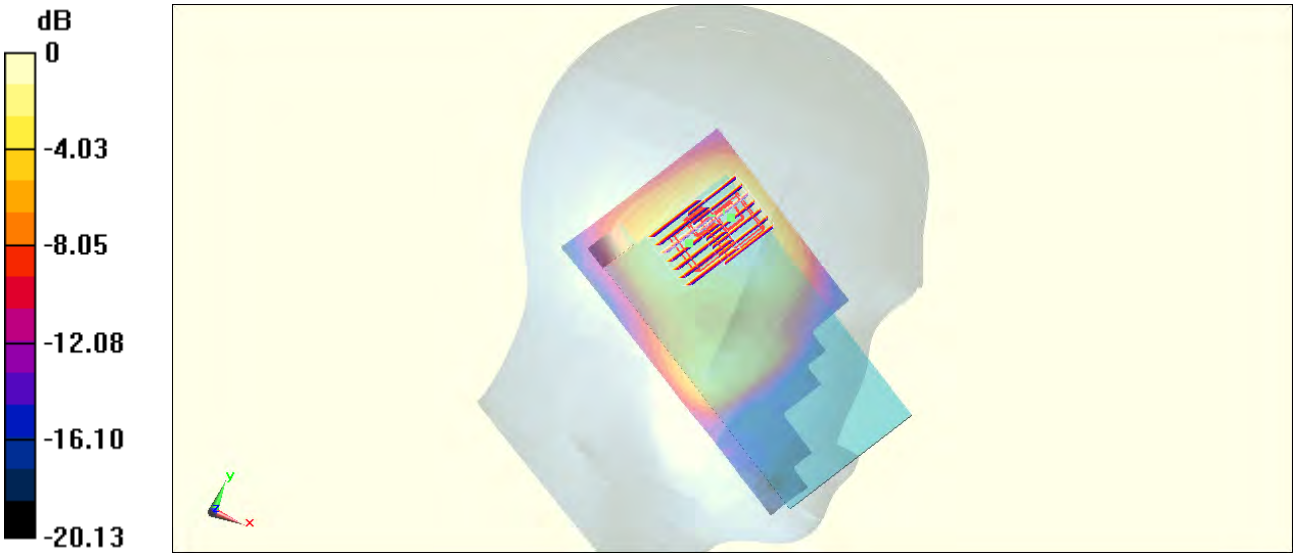
Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130304 Medium parameters used: f = 2412 MHz; σ = 1.8 mho/m; ε_r = 38.767; ρ = 1000 kg/m^3
Ambient Temperature：22.4℃; Liquid Temperature：21.4℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(6.82, 6.82, 6.82); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1/Area Scan (81x151x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.240 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.888 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.340 mW/g
SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.091 mW/g
Maximum value of SAR (measured) = 0.250 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.888 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.282 mW/g
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.070 mW/g
Maximum value of SAR (measured) = 0.208 mW/g



0 dB = 0.208 mW/g = -13.64 dB mW/g

#640_WLAN2.4G_802.11b_Left Tilted_Ch1;Keypad1_Camera2

DUT: 320416

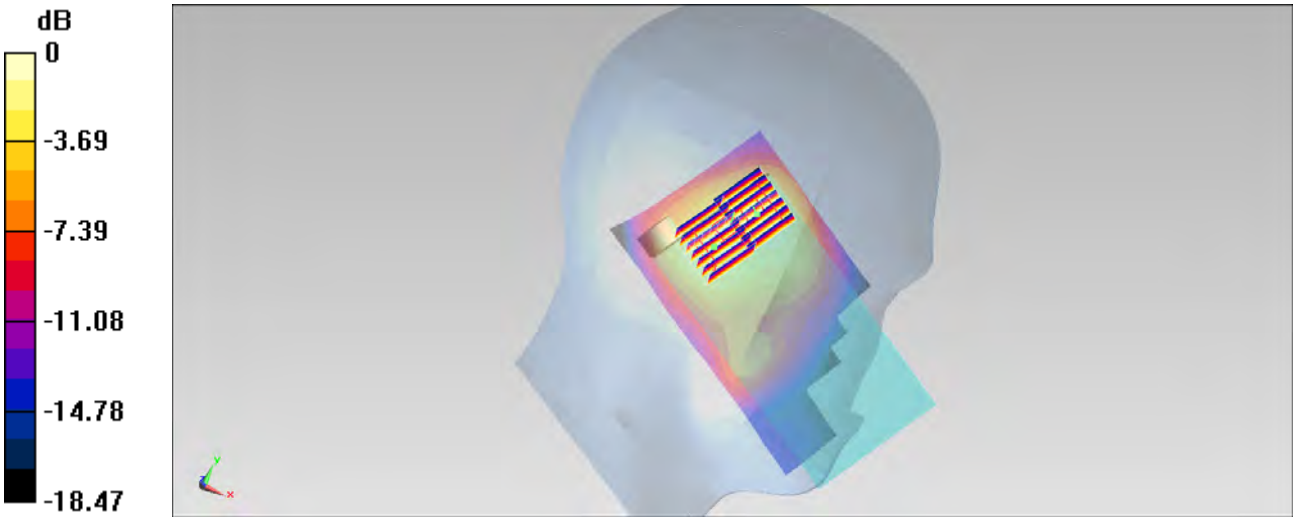
Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130207 Medium parameters used: f = 2412 MHz; σ = 1.809 mho/m; ε_r = 38.256; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.45, 4.45, 4.45); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1/Area Scan (81x151x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.213 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.333 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.338 mW/g
SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.083 mW/g
Maximum value of SAR (measured) = 0.215 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.333 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.240 mW/g
SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.068 mW/g
Maximum value of SAR (measured) = 0.162 mW/g



0 dB = 0.162 mW/g = -15.81 dB mW/g

#641_WLAN5G_802.11a_Right Cheek_Ch44;Keypad1_Camera2

DUT: 320416

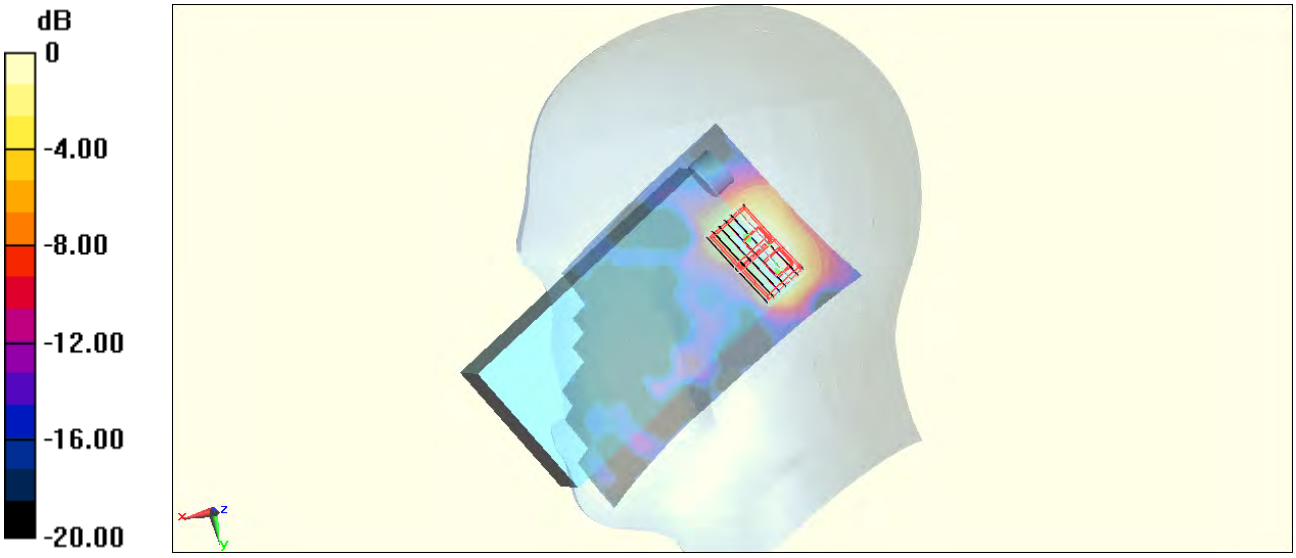
Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130220 Medium parameters used: f = 5220 MHz; σ = 4.816 mho/m; ε_r = 35.468; ρ = 1000 kg/m^3
Ambient Temperature：22.2℃; Liquid Temperature：21.2℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch44/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.409 mW/g

Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.509 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.573 mW/g
SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.369 mW/g

Configuration/Ch44/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.509 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.491 mW/g
SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.306 mW/g



0 dB = 0.306 mW/g = -10.29 dB mW/g

#642_WLAN5G_802.11a_Right Tilted_Ch44;Keypad1_Camera2

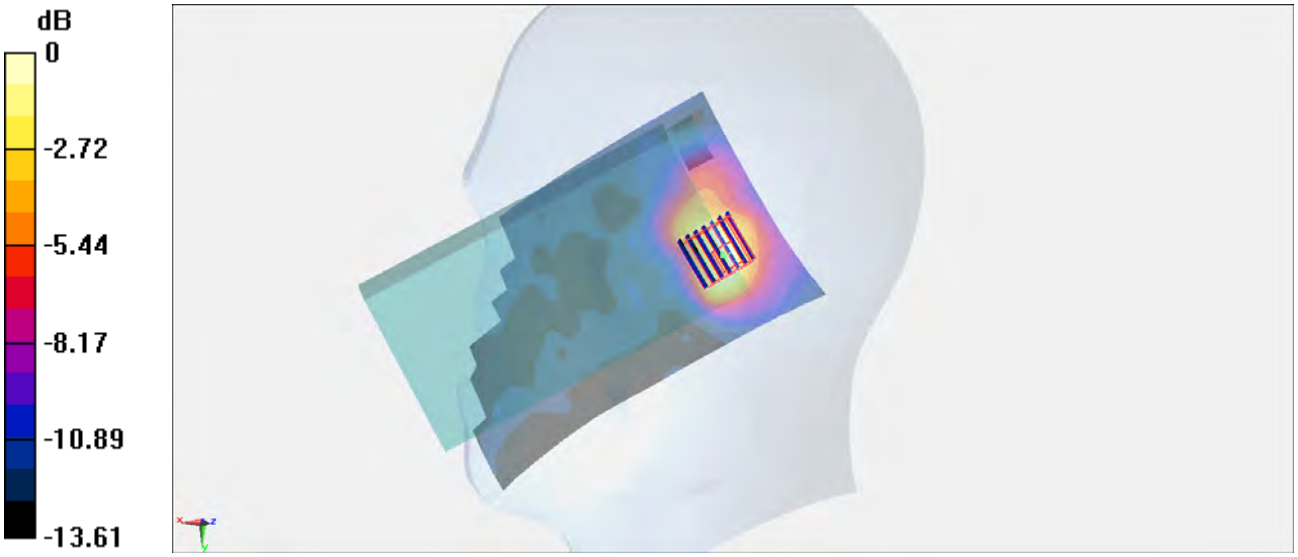
DUT: 320416

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130208 Medium parameters used: f = 5220 MHz; σ = 4.813 mho/m; ε_r = 35.452; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(4.55, 4.55, 4.55); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch44/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.617 mW/g

Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.011 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.829 mW/g
SAR(1 g) = 0.29 mW/g; SAR(10 g) = 0.132 mW/g
Maximum value of SAR (measured) = 0.573 mW/g



0 dB = 0.573 mW/g = -4.84 dB mW/g

#643_WLAN5G_802.11a_Left Check_Ch44;Keypad1_Camera2

DUT: 320416

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130220 Medium parameters used: f = 5220 MHz; σ = 4.816 mho/m; ε_r = 35.468; ρ = 1000 kg/m^3
Ambient Temperature：22.2℃; Liquid Temperature：21.2℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch44/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.315 mW/g

Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.115 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.438 mW/g
SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.045 mW/g
Maximum value of SAR (measured) = 0.291 mW/g

Configuration/Ch44/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.115 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.435 mW/g
SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.285 mW/g

0 dB = 0.285 mW/g = -10.90 dB mW/g

#644_WLAN5G_802.11a_Left Tilted_Ch44;Keypad1_Camera2

DUT: 320416

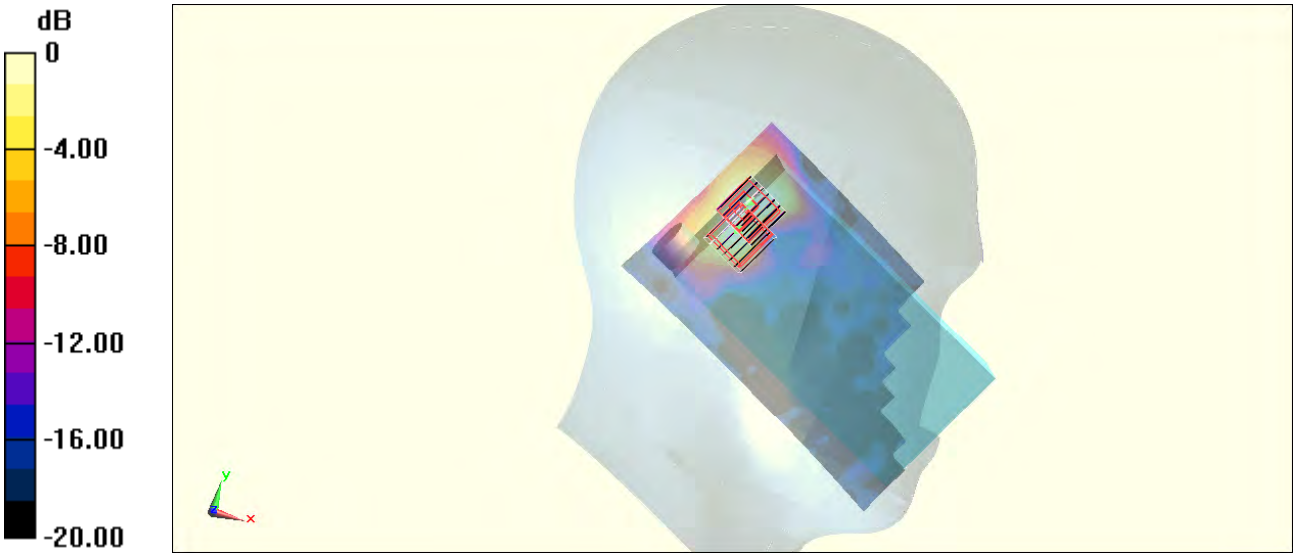
Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130220 Medium parameters used: f = 5220 MHz; σ = 4.816 mho/m; ε_r = 35.468; ρ = 1000 kg/m^3
Ambient Temperature：22.2℃; Liquid Temperature：21.2℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(5.07, 5.07, 5.07); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch44/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.413 mW/g

Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.825 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.664 mW/g
SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.416 mW/g

Configuration/Ch44/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.825 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.659 mW/g
SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.420 mW/g



0 dB = 0.420 mW/g = -7.54 dB mW/g

#645_WLAN5G_802.11a_Right Check_Ch52;Keypad1_Camera2

DUT: 320416

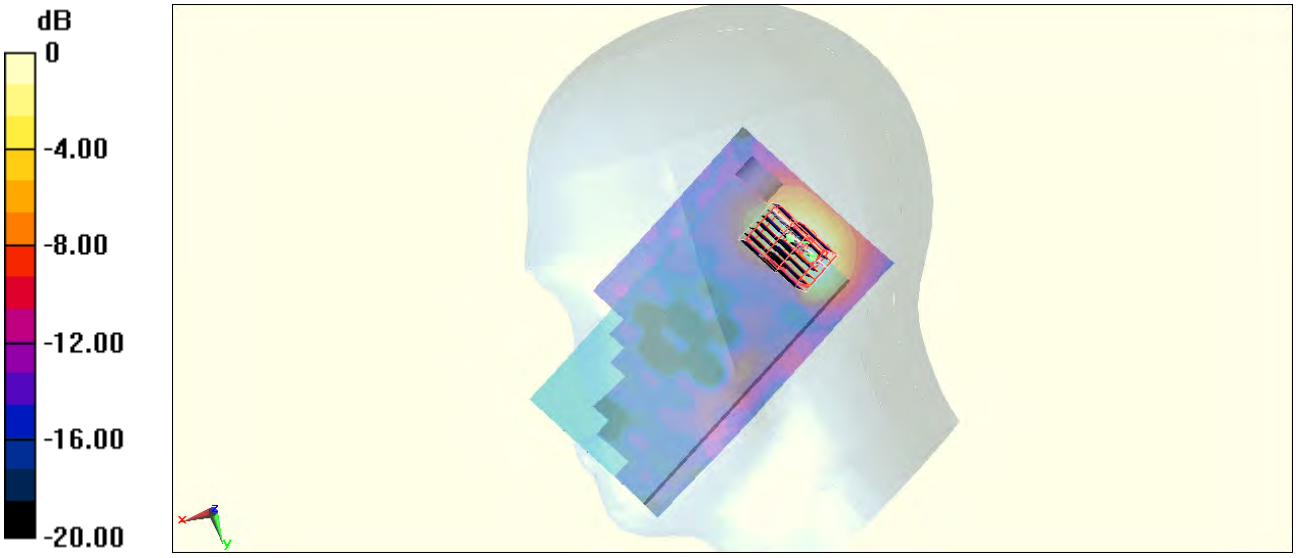
Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130220 Medium parameters used : f = 5260 MHz; σ = 4.861 mho/m; ε_r = 35.417; ρ = 1000 kg/m^3
Ambient Temperature：22.2℃; Liquid Temperature：21.2℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch52/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.408 mW/g

Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.889 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.586 mW/g
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.387 mW/g

Configuration/Ch52/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.889 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.569 mW/g
SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.375 mW/g



0 dB = 0.375 mW/g = -8.52 dB mW/g

#646_WLAN5G_802.11a_Right Tilted_Ch52;Keypad1_Camera2

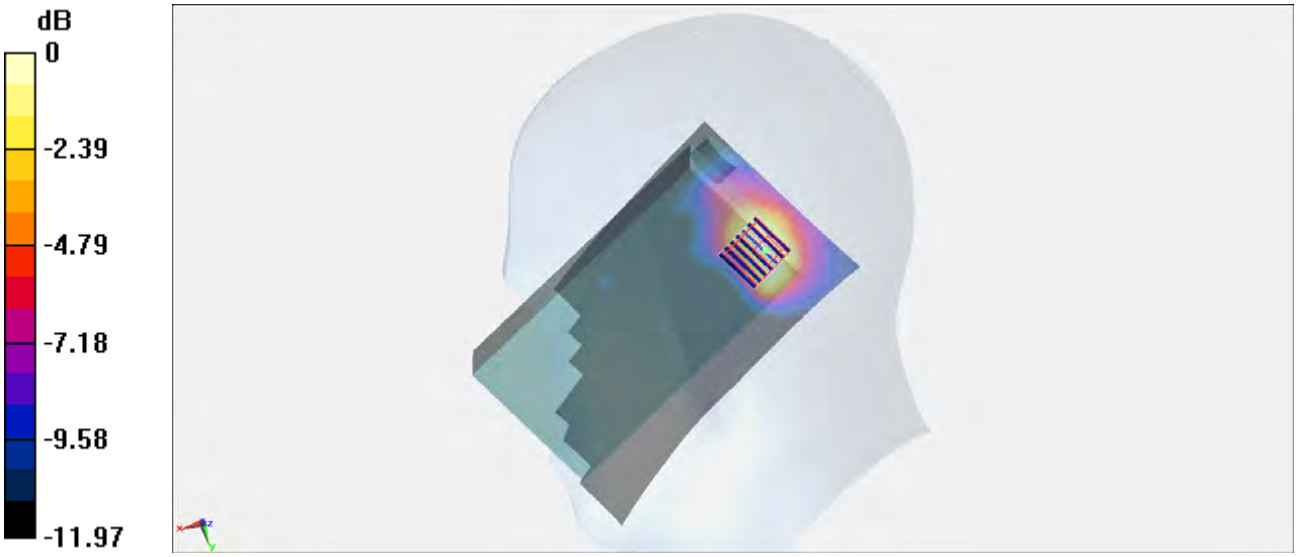
DUT: 320416

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130208 Medium parameters used: f = 5260 MHz; σ = 4.857 mho/m; ε_r = 35.4; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(4.39, 4.39, 4.39); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch52/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.558 mW/g

Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.488 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.803 mW/g
SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.131 mW/g
Maximum value of SAR (measured) = 0.539 mW/g



0 dB = 0.539 mW/g = -5.37 dB mW/g

#647_WLAN5G_802.11a_Left Check_Ch52;Keypad1_Camera2

DUT: 320416

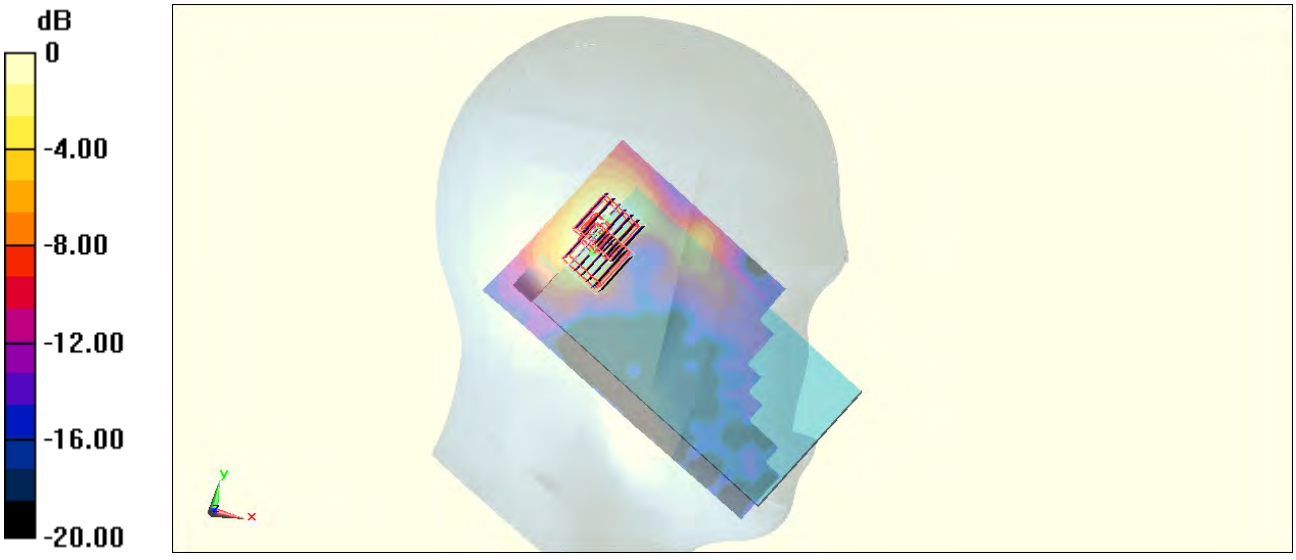
Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130220 Medium parameters used : f = 5260 MHz; σ = 4.861 mho/m; ε_r = 35.417; ρ = 1000 kg/m^3
Ambient Temperature：22.3℃; Liquid Temperature：21.3℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch52/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.351 mW/g

Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.730 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.526 mW/g
SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.064 mW/g
Maximum value of SAR (measured) = 0.337 mW/g

Configuration/Ch52/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.730 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.522 mW/g
SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.053 mW/g
Maximum value of SAR (measured) = 0.339 mW/g



0 dB = 0.339 mW/g = -9.40 dB mW/g

#648_WLAN5G_802.11a_Left Tilted_Ch52;Keypad1_Camera2

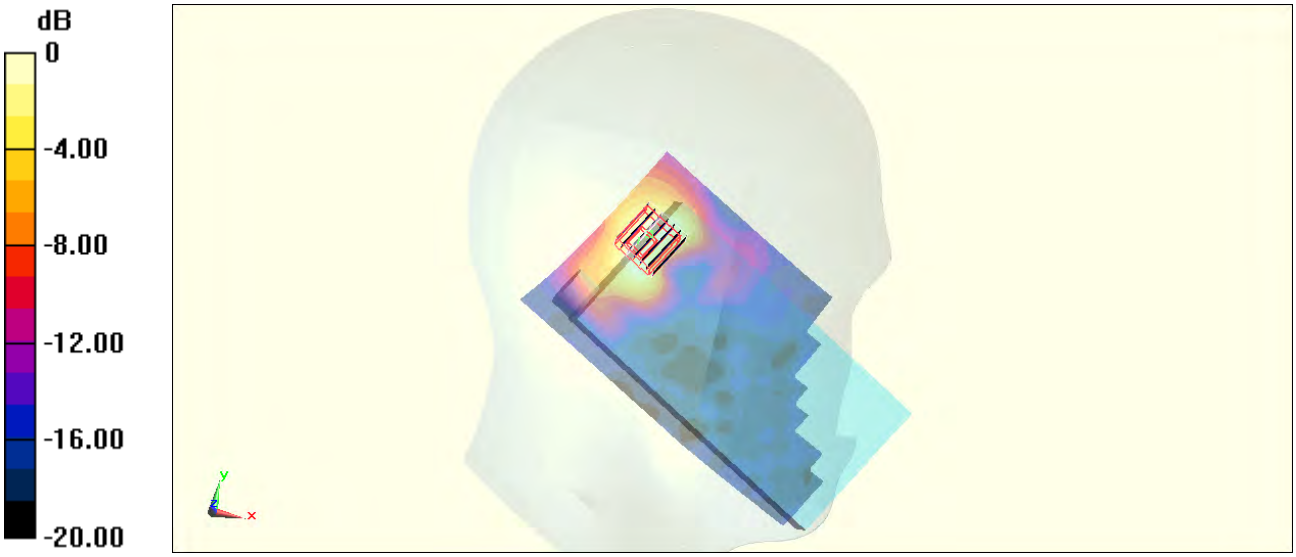
DUT: 320416

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130220 Medium parameters used : f = 5260 MHz; σ = 4.861 mho/m; ε_r = 35.417; ρ = 1000 kg/m^3
Ambient Temperature：22.3℃; Liquid Temperature：21.3℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.96, 4.96, 4.96); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch52/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.449 mW/g

Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.300 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.730 mW/g
SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.086 mW/g
Maximum value of SAR (measured) = 0.461 mW/g



0 dB = 0.461 mW/g = -6.73 dB mW/g

#649_WLAN5G_802.11a_Right Check_Ch116;Keypad1_Camera2

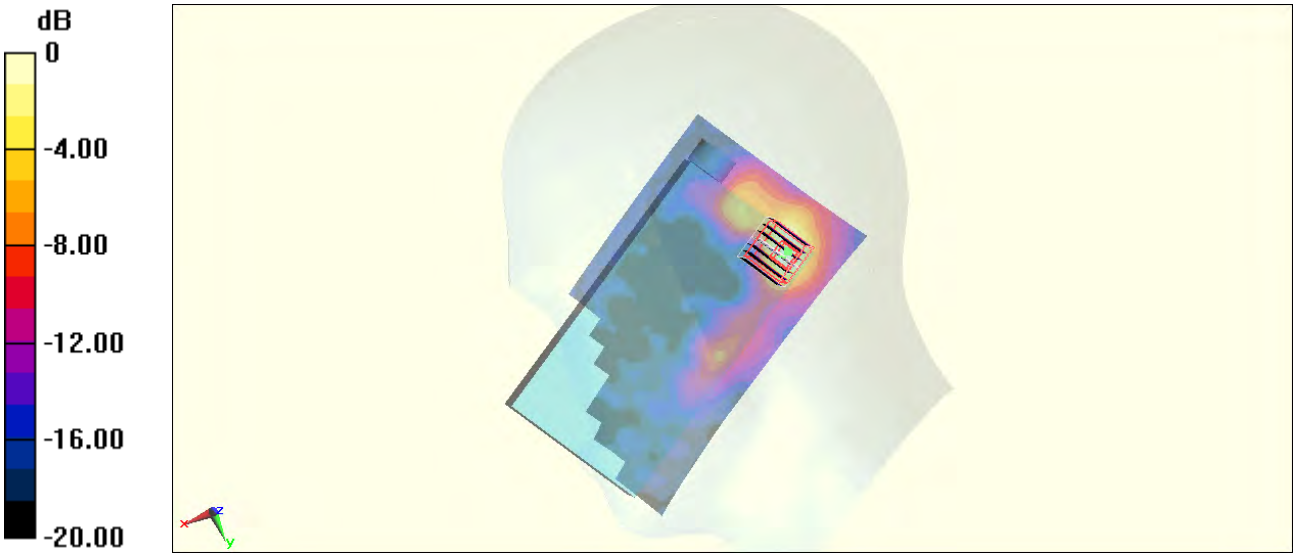
DUT: 320416

Communication System: 802.11a; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130220 Medium parameters used : f = 5580 MHz; σ = 5.183 mho/m; ε_r = 34.82; ρ = 1000 kg/m^3
Ambient Temperature：22.2℃； Liquid Temperature：21.2℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch116/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.704 mW/g

Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.410 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.037 mW/g
SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.093 mW/g
Maximum value of SAR (measured) = 0.661 mW/g



0 dB = 0.661 mW/g = -3.60 dB mW/g

#650_WLAN5G_802.11a_Right Tilted_Ch116;Keypad1_Camera2

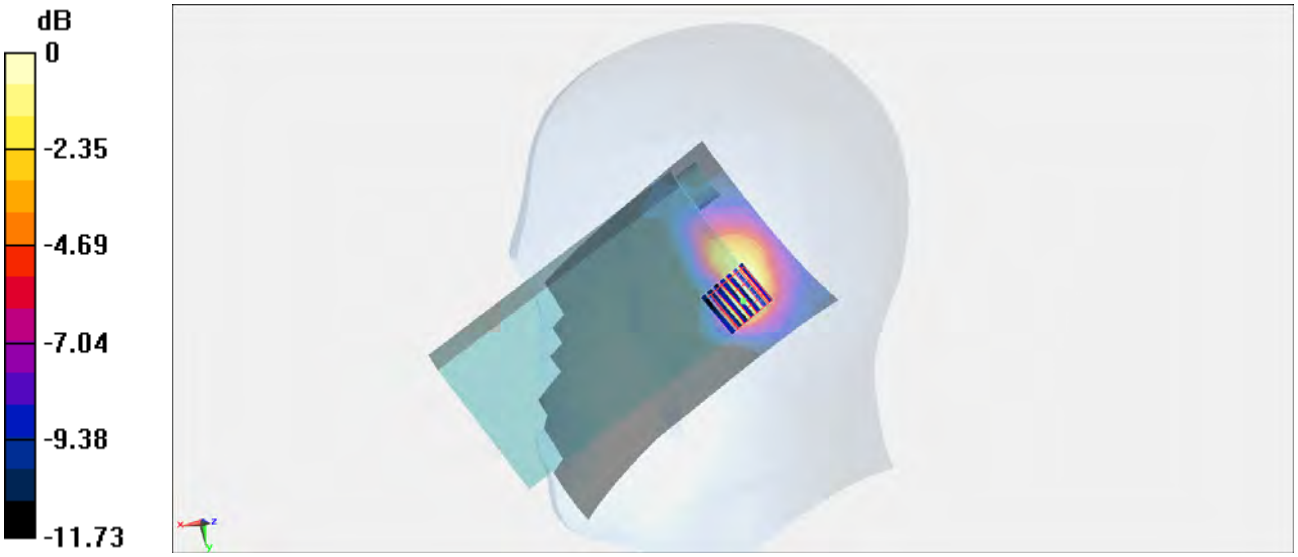
DUT: 320416

Communication System: 802.11a; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130208 Medium parameters used: f = 5580 MHz; σ = 5.179 mho/m; ε_r = 34.815; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.92, 3.92, 3.92); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch116/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.636 mW/g

Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.881 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.807 mW/g
SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.126 mW/g
Maximum value of SAR (measured) = 0.562 mW/g



0 dB = 0.562 mW/g = -5.01 dB mW/g

#651_WLAN5G_802.11a_Left Check_Ch116;Keypad1_Camera2

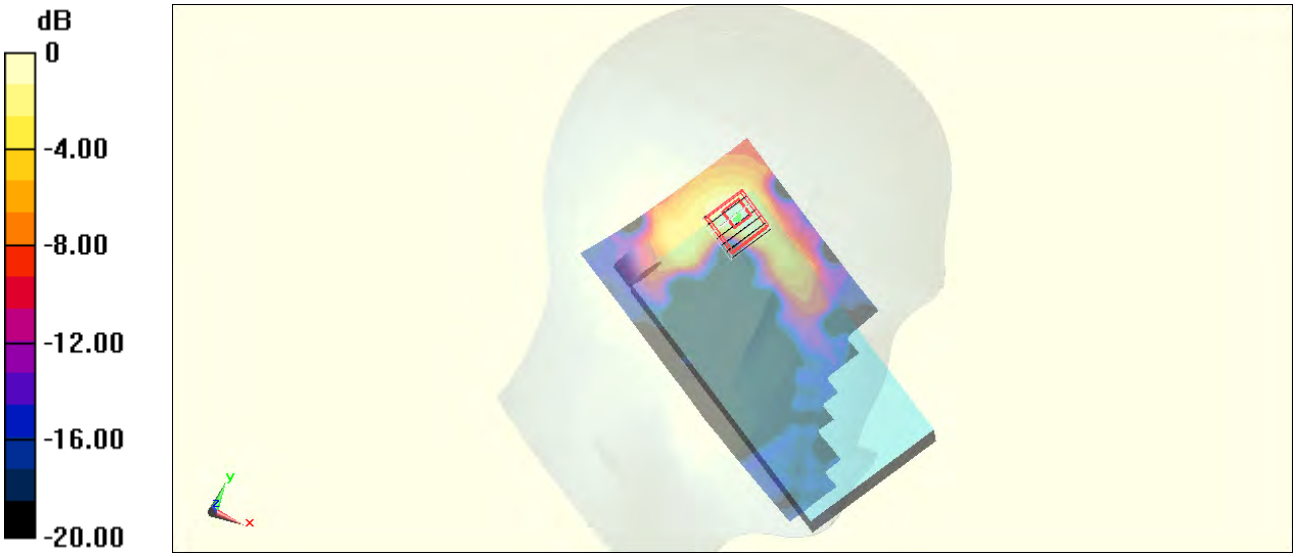
DUT: 320416

Communication System: 802.11a; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130220 Medium parameters used: f = 5580 MHz; σ = 5.183 mho/m; ε_r = 34.82; ρ = 1000 kg/m^3
Ambient Temperature：22.2℃； Liquid Temperature：21.2℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch116/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.362 mW/g

Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.149 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.596 mW/g
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.366 mW/g



0 dB = 0.366 mW/g = -8.73 dB mW/g

#652_WLAN5G_802.11a_Left Tilted_Ch116;Keypad1_Camera2

DUT: 320416

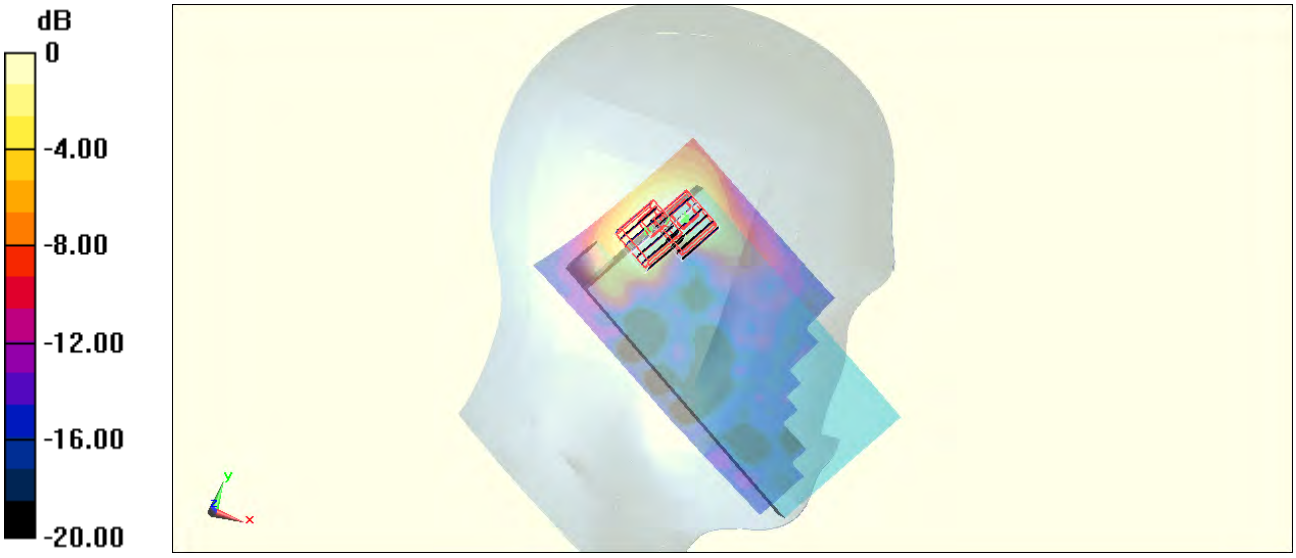
Communication System: 802.11a; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130220 Medium parameters used : f = 5580 MHz; σ = 5.183 mho/m; ε_r = 34.82; ρ = 1000 kg/m^3
Ambient Temperature：22.2℃; Liquid Temperature：21.2℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.66, 4.66, 4.66); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch116/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.402 mW/g

Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.620 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.686 mW/g
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.412 mW/g

Configuration/Ch116/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.620 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.472 mW/g
SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.287 mW/g



0 dB = 0.287 mW/g = -10.84 dB mW/g

#653_WLAN5G_802.11a_Right Check_Ch161;Keypad1_Camera2

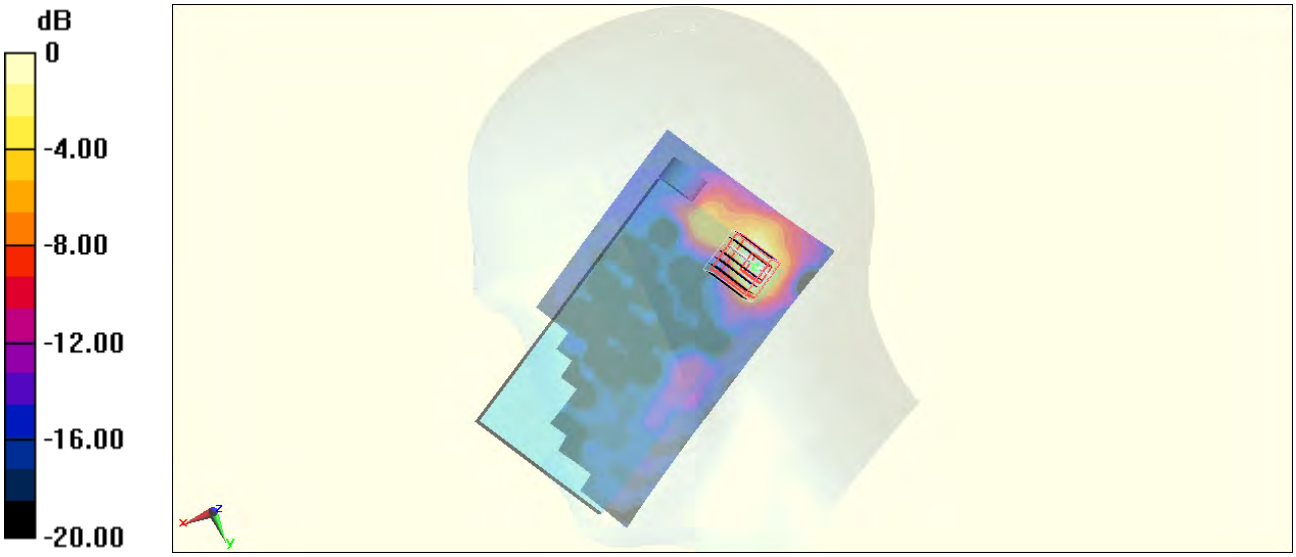
DUT: 320416

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130220 Medium parameters used : f = 5805 MHz; σ = 5.4 mho/m; ε_r = 34.393; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃; Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.48, 4.48, 4.48); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch161/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.653 mW/g

Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 11.800 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.902 mW/g
SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.588 mW/g



0 dB = 0.588 mW/g = -4.61 dB mW/g

#654_WLAN5G_802.11a_Right Tilted_Ch161;Keypad1_Camera2

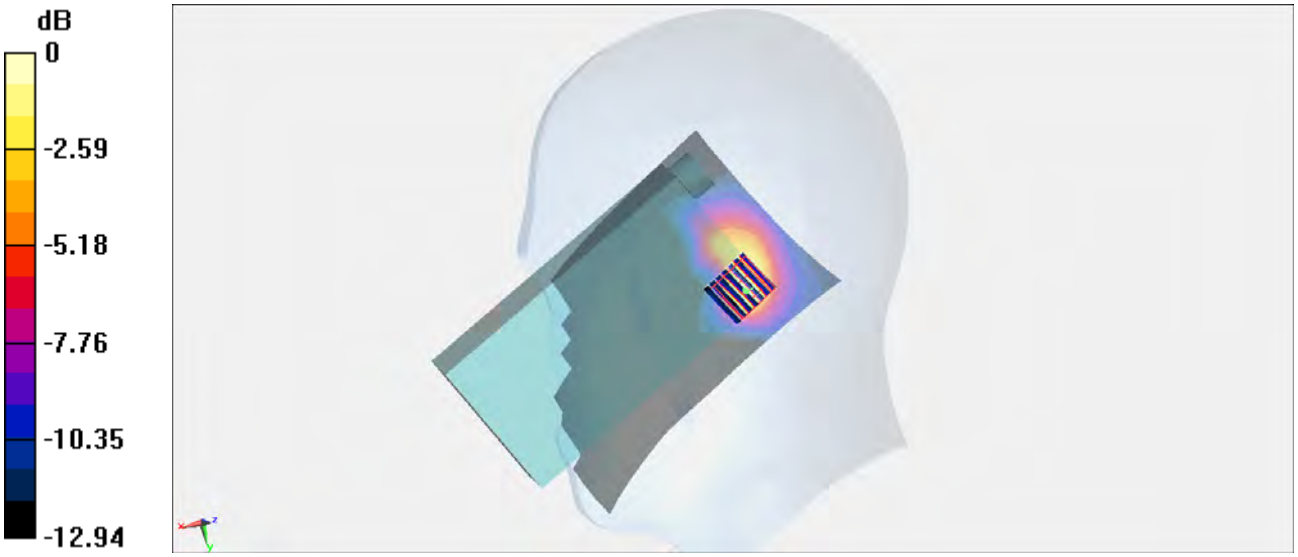
DUT: 320416

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130208 Medium parameters used: f = 5805 MHz; σ = 5.396 mho/m; ε_r = 34.39; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch161/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.919 mW/g

Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.346 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.222 mW/g
SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.160 mW/g
Maximum value of SAR (measured) = 0.840 mW/g



0 dB = 0.840 mW/g = -1.51 dB mW/g

#800_WLAN5G_802.11n-HT20_Right Tilted_Ch165;Keypad1_Camera2

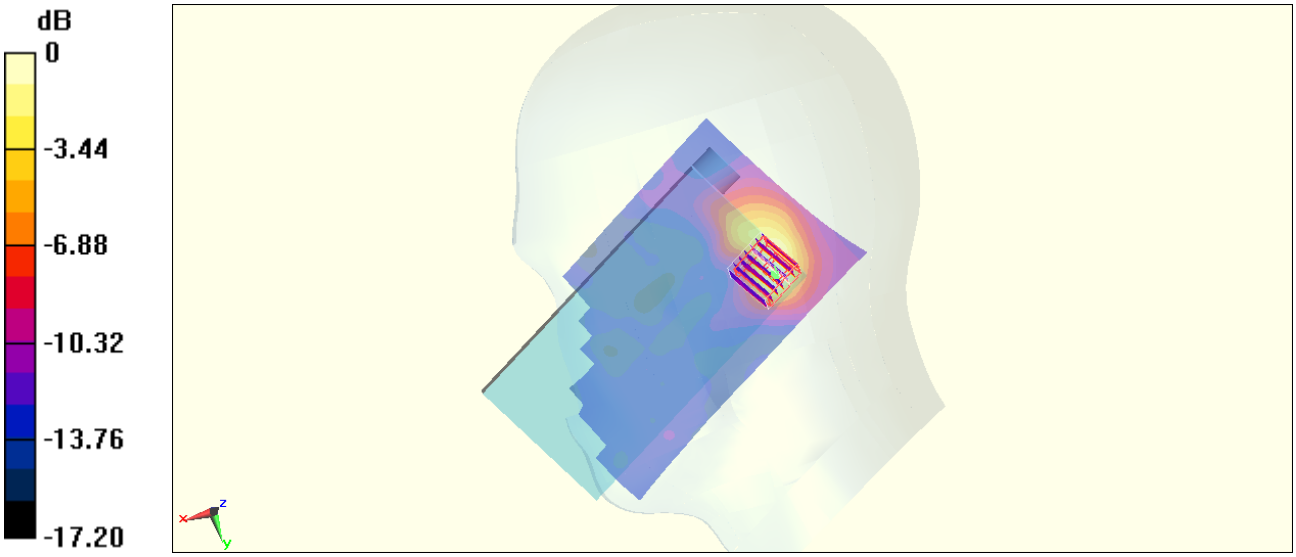
DUT: 320416

Communication System: 802.11n; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130402 Medium parameters used: f = 5825 MHz; σ = 5.446 mho/m; ε_r = 34.208; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.72, 3.72, 3.72); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch161/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.894 mW/g

Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.124 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.109 mW/g
SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.157 mW/g
Maximum value of SAR (measured) = 0.836 mW/g



0 dB = 0.836 mW/g = -1.56 dB mW/g

#655_WLAN5G_802.11a_Left Check_Ch161;Keypad1_Camera2

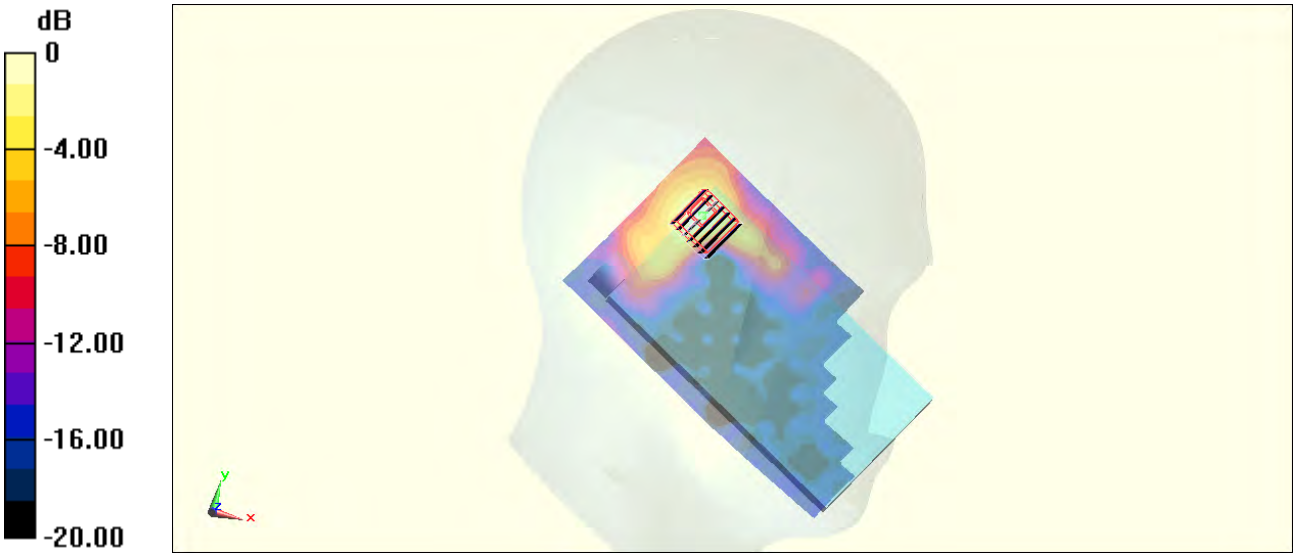
DUT: 320416

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130220 Medium parameters used : f = 5805 MHz; σ = 5.4 mho/m; ε_r = 34.393; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃； Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.48, 4.48, 4.48); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch161/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.491 mW/g

Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.497 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.773 mW/g
SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.485 mW/g



0 dB = 0.485 mW/g = -6.29 dB mW/g

#656_WLAN5G_802.11a_Left Tilted_Ch161;Keypad1_Camera2

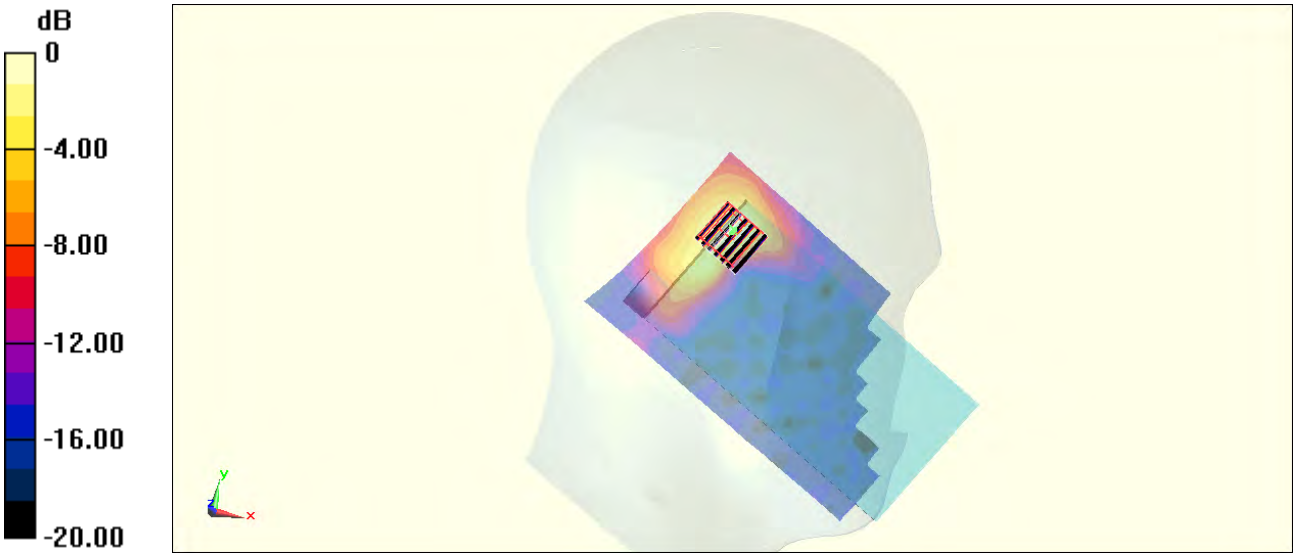
DUT: 320416

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: HSL_5G_130220 Medium parameters used : f = 5805 MHz; σ = 5.4 mho/m; ε_r = 34.393; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃; Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.48, 4.48, 4.48); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch161/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.508 mW/g

Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 10.738 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.814 mW/g
SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.064 mW/g
Maximum value of SAR (measured) = 0.513 mW/g



0 dB = 0.513 mW/g = -5.80 dB mW/g

#657_Bluetooth_DH5_Right Cheek_Ch78;Keypad1_Camera2

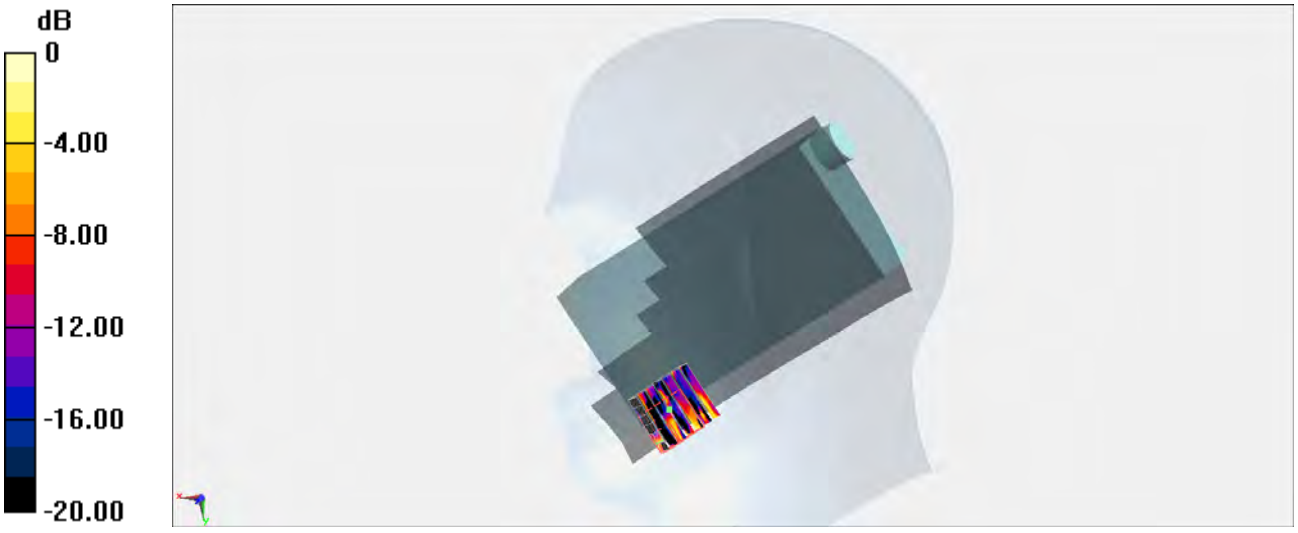
DUT: 320416

Communication System: BT; Frequency: 2480 MHz;Duty Cycle: 1:1.28
Medium: HSL_2450_130228 Medium parameters used: f = 2480 MHz; σ = 1.872 S/m; ε_r = 39.181; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.58, 6.58, 6.58); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch78/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0210 W/kg

Configuration/Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.815 V/m; Power Drift = 0.163 dB
Peak SAR (extrapolated) = 0.168 W/kg
SAR(1 g) = 0.00289 W/kg; SAR(10 g) = 0.000206 W/kg
Maximum value of SAR (measured) = 0.109 W/kg



0 dB = 0.109 W/kg = -9.63 dBW/kg

#658_Bluetooth_DH5_Right Tilted_Ch78;Keypad1_Camera2

DUT: 320416

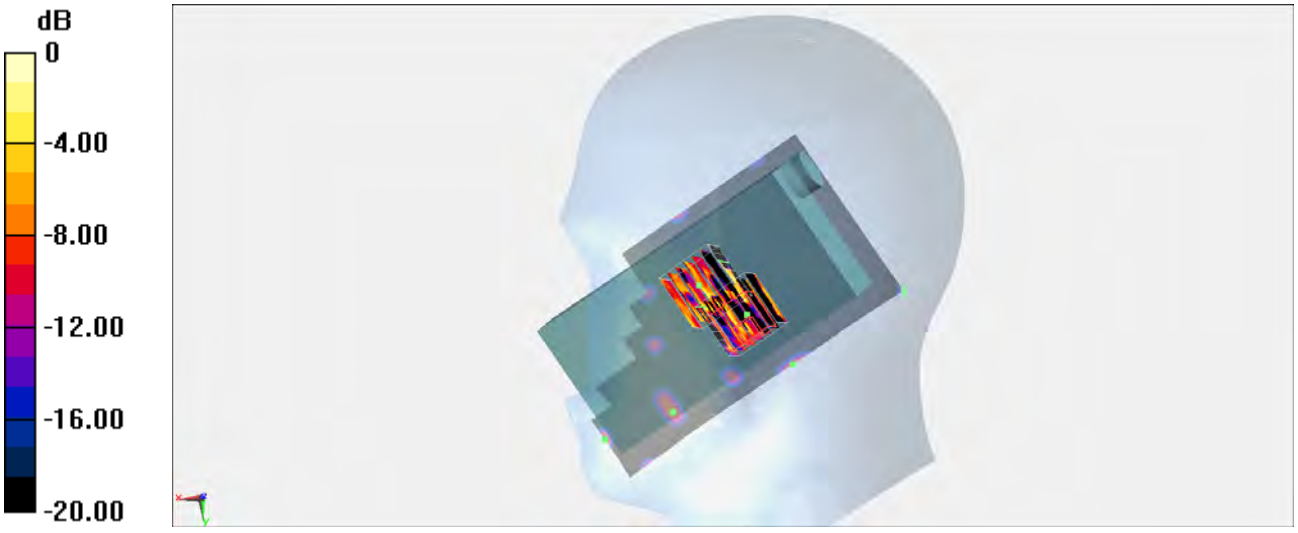
Communication System: BT; Frequency: 2480 MHz;Duty Cycle: 1:1.28
Medium: HSL_2450_130228 Medium parameters used: f = 2480 MHz; σ = 1.872 S/m; ε_r = 39.181; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.58, 6.58, 6.58); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch78/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0217 W/kg

Configuration/Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.857 V/m; Power Drift = 0.148 dB
Peak SAR (extrapolated) = 0.0160 W/kg
SAR(1 g) = 6.58e-005 W/kg; SAR(10 g) = 6.81e-006 W/kg
Maximum value of SAR (measured) = 0.0702 W/kg

Configuration/Ch78/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.857 V/m; Power Drift = 0.148 dB
Peak SAR (extrapolated) = 0 W/kg
SAR(1 g) = n.a. ; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.0826 W/kg



0 dB = 0.0826 W/kg = -10.83 dBW/kg

#659_Bluetooth_DH5_Left Cheek_Ch78;Keypad1_Camera2

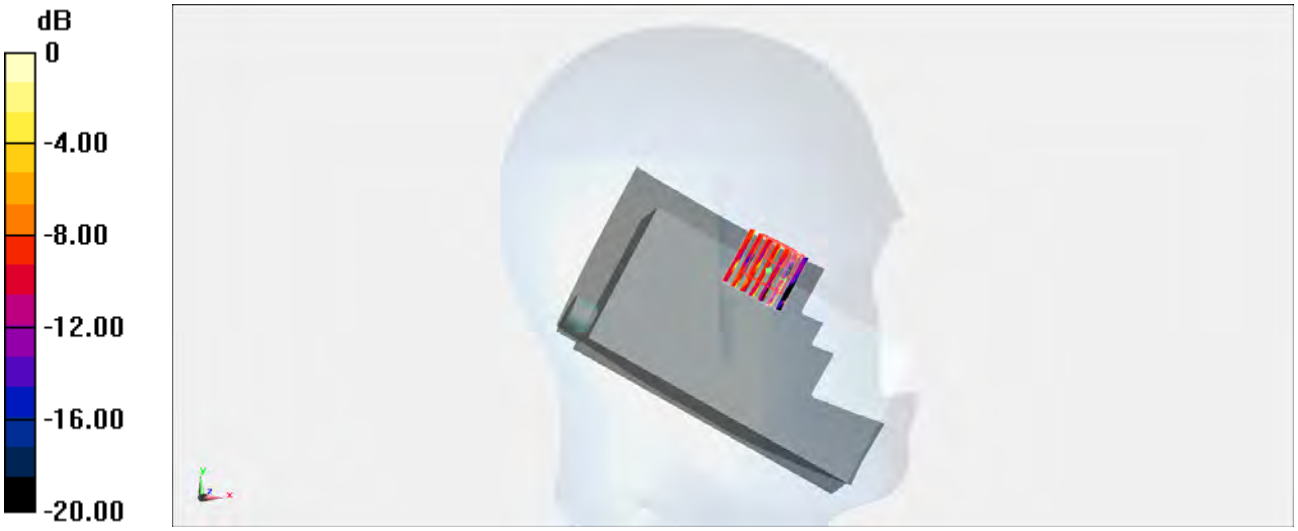
DUT: 320416

Communication System: BT; Frequency: 2480 MHz;Duty Cycle: 1:1.28
Medium: HSL_2450_130228 Medium parameters used: f = 2480 MHz; σ = 1.872 S/m; ε_r = 39.181; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.58, 6.58, 6.58); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch78/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.000999 W/kg

Configuration/Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.500 V/m; Power Drift = -0.108 dB
Peak SAR (extrapolated) = 0.0830 W/kg
SAR(1 g) = 0.002 W/kg; SAR(10 g) = 0.00159 W/kg
Maximum value of SAR (measured) = 0.0549 W/kg



0 dB = 0.0549 W/kg = -12.60 dBW/kg

#660_Bluetooth_DH5_Left Tilted_Ch78;Keypad1_Camera2

DUT: 320416

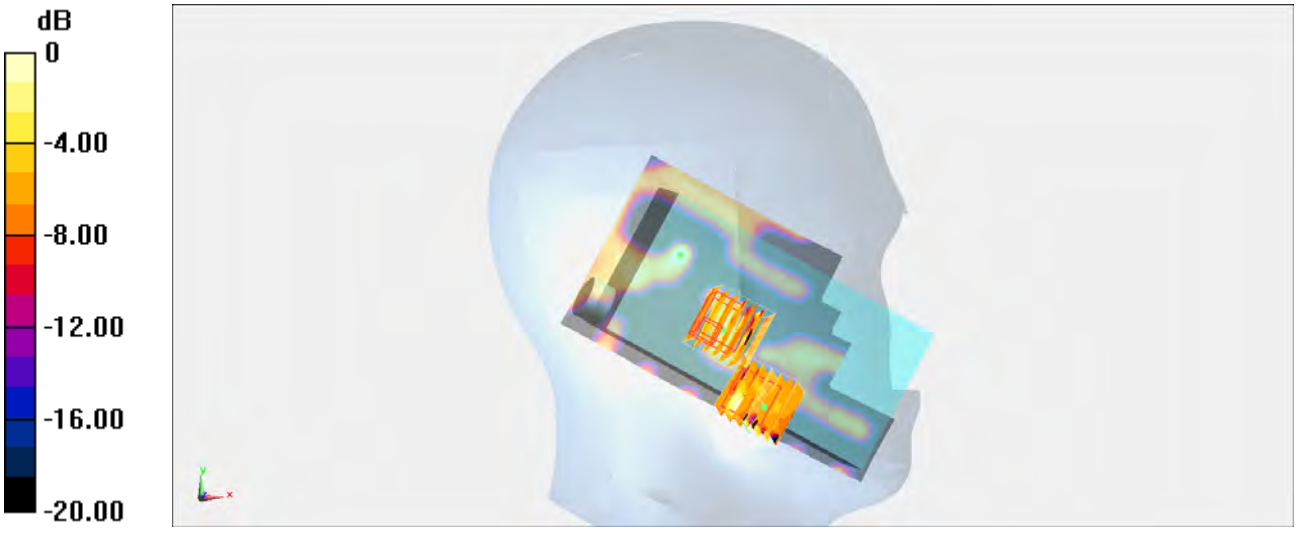
Communication System: BT; Frequency: 2480 MHz;Duty Cycle: 1:1.28
Medium: HSL_2450_130228 Medium parameters used: f = 2480 MHz; σ = 1.872 S/m; ε_r = 39.181; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.58, 6.58, 6.58); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch78/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.129 W/kg

Configuration/Ch78/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.691 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.0370 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.0326 W/kg

Configuration/Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.691 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.0500 W/kg
SAR(1 g) = 0.000659 W/kg; SAR(10 g) = 0.000113 W/kg
Maximum value of SAR (measured) = 0.0514 W/kg



0 dB = 0.0514 W/kg = -12.89 dBW/kg

#13 GSM850_GPRS12_Front_1.5cm_Ch251_Keypad1_Camera1

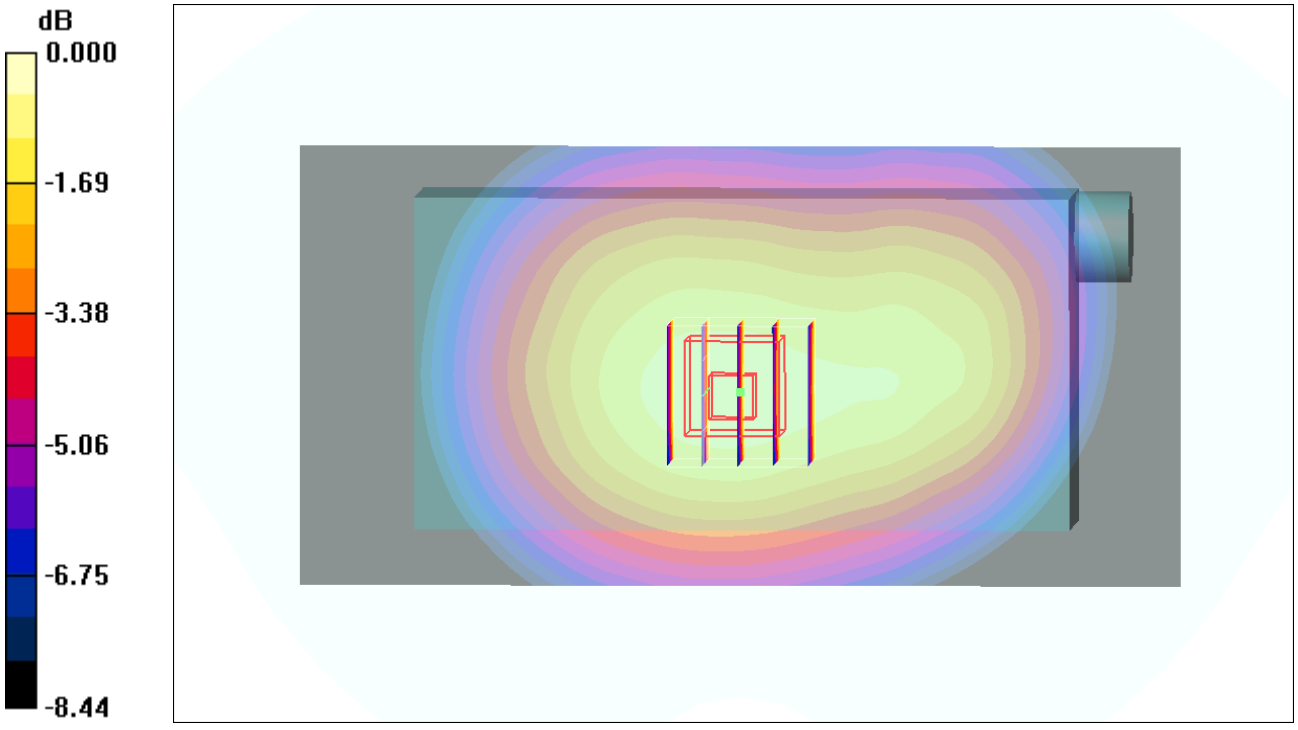
DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_850_120619 Medium parameters used: f = 849 MHz; σ = 0.975 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.920 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.7 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.777 mW/g
Maximum value of SAR (measured) = 1.08 mW/g



0 dB = 1.08mW/g

#14 GSM850_GPRS12_Back_1.5cm_Ch251_Keypad1_Camera1

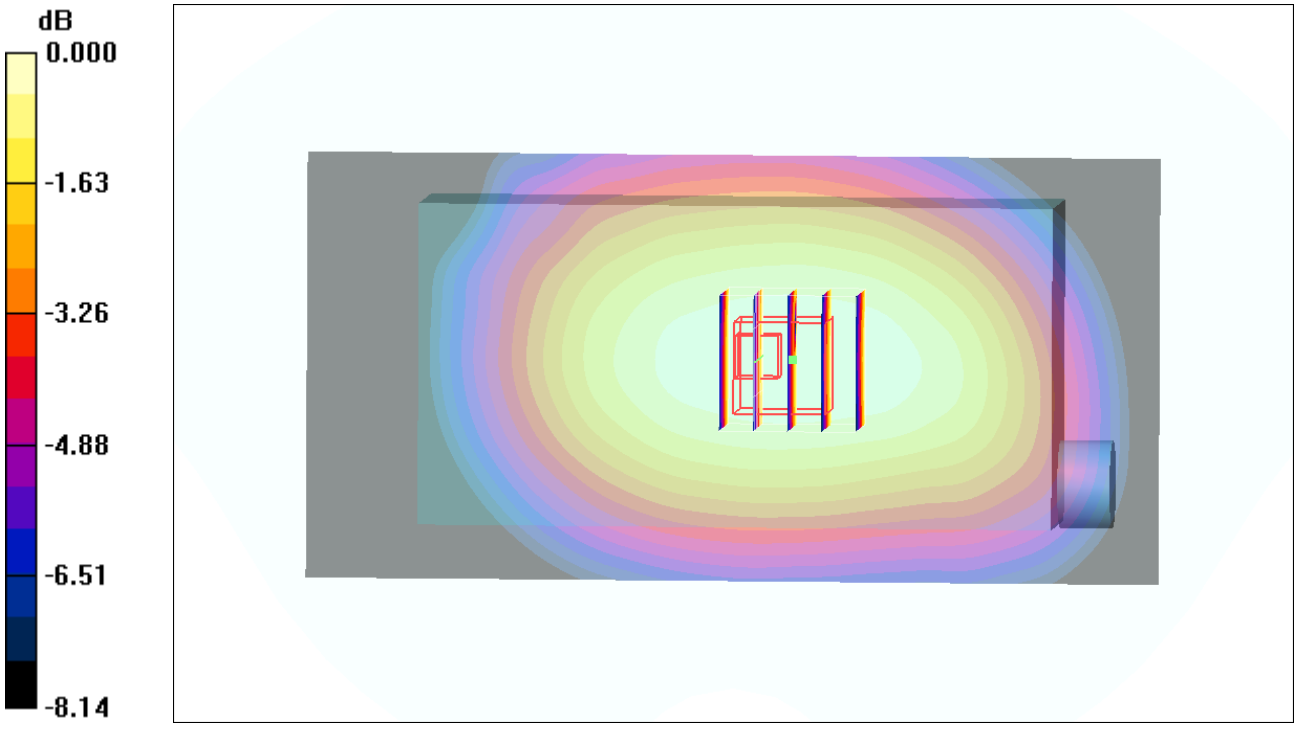
DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_850_120619 Medium parameters used: f = 849 MHz; σ = 0.975 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.747 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.6 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.535 mW/g
Maximum value of SAR (measured) = 0.749 mW/g



0 dB = 0.749mW/g

#33 GSM850_GPRS12_Front_1.5cm_Ch251_Keypad2_Camera1

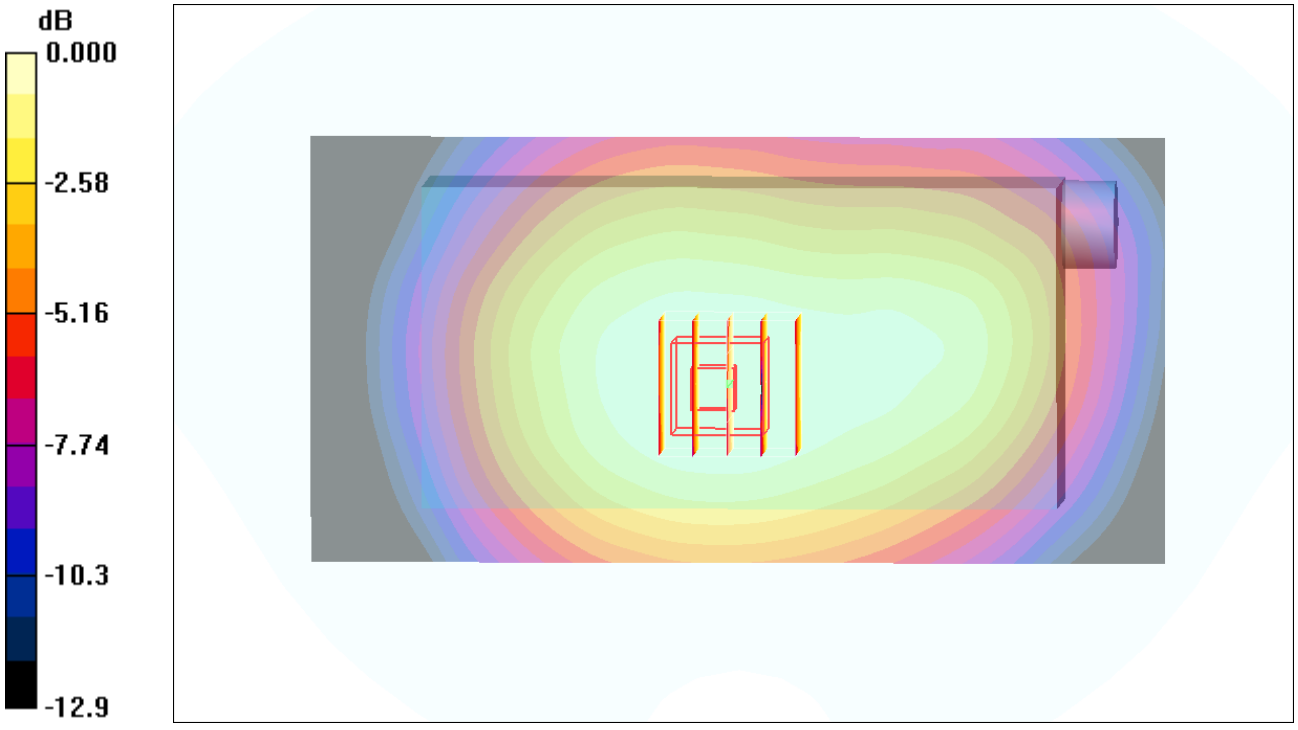
DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_850_120619 Medium parameters used: f = 849 MHz; σ = 0.975 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.09 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.5 V/m; Power Drift = 0.098 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.773 mW/g
Maximum value of SAR (measured) = 1.06 mW/g



0 dB = 1.06mW/g

#34 GSM850_GPRS12_Front_1.5cm_Ch251_Keypad3_Camera1

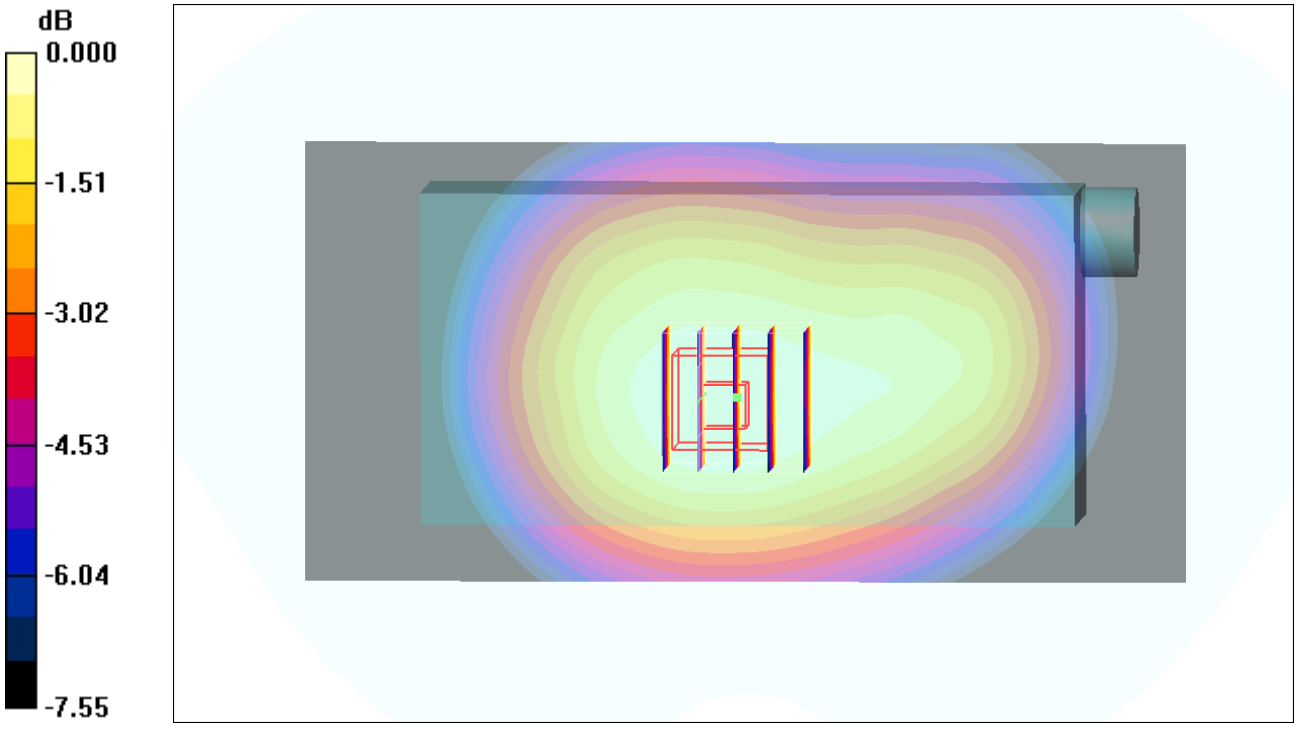
DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_850_120619 Medium parameters used: f = 849 MHz; σ = 0.975 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.04 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.3 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.980 mW/g; SAR(10 g) = 0.743 mW/g
Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.02mW/g

#661_GSM850_GPRS (4 Tx slots)_Front_1.5cm_Ch189;Keypad1_Camera2

DUT: 320416

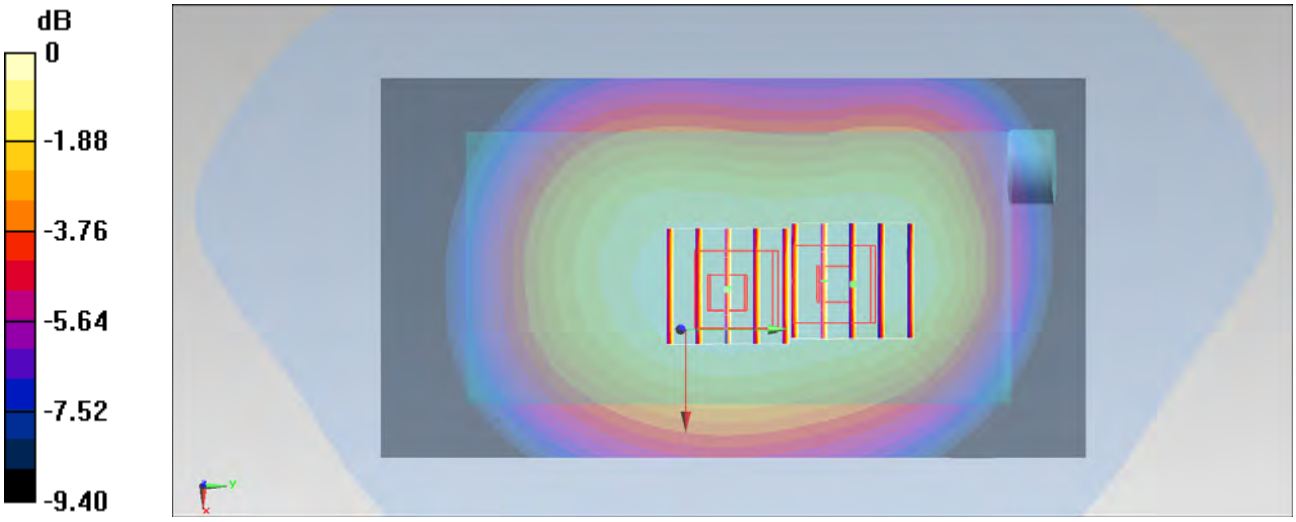
Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_850_130206 Medium parameters used: f = 836.4 MHz; σ = 0.959 mho/m; ε_r = 53.009; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch189/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.03 mW/g

Configuration/Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.421 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.164 mW/g
SAR(1 g) = 0.912 mW/g; SAR(10 g) = 0.696 mW/g
Maximum value of SAR (measured) = 1.01 mW/g

Configuration/Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.421 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.169 mW/g
SAR(1 g) = 0.912 mW/g; SAR(10 g) = 0.688 mW/g



0 dB = 1.01 mW/g = 0.09 dB mW/g

#662_GSM850_GPRS (4 Tx slots)_Front_1.5cm_Ch128;Keypad1_Camera2

DUT: 320416

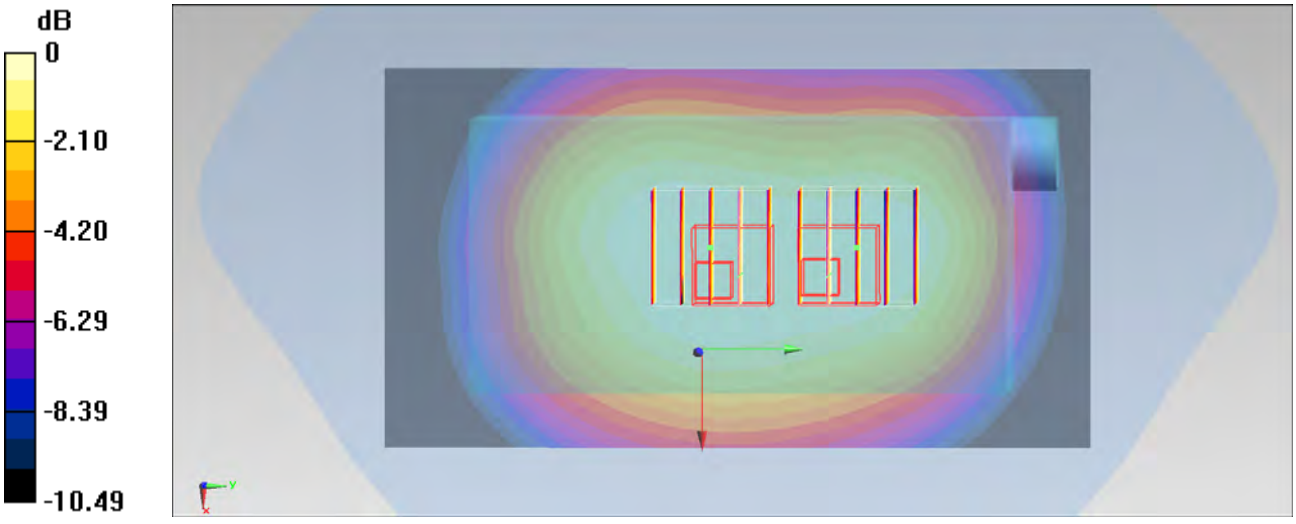
Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_850_130206 Medium parameters used: f = 824.2 MHz; σ = 0.947 mho/m; ε_r = 53.131; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch128/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.01 mW/g

Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.414 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.106 mW/g
SAR(1 g) = 0.878 mW/g; SAR(10 g) = 0.666 mW/g
Maximum value of SAR (measured) = 0.959 mW/g

Configuration/Ch128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.414 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.083 mW/g
SAR(1 g) = 0.855 mW/g; SAR(10 g) = 0.643 mW/g
Maximum value of SAR (measured) = 0.942 mW/g



0 dB = 0.942 mW/g = -0.52 dB mW/g

#663_GSM850_GPRS (4 Tx slots)_Front_1.5cm_Ch251;Keypad1_Camera2

DUT: 320416

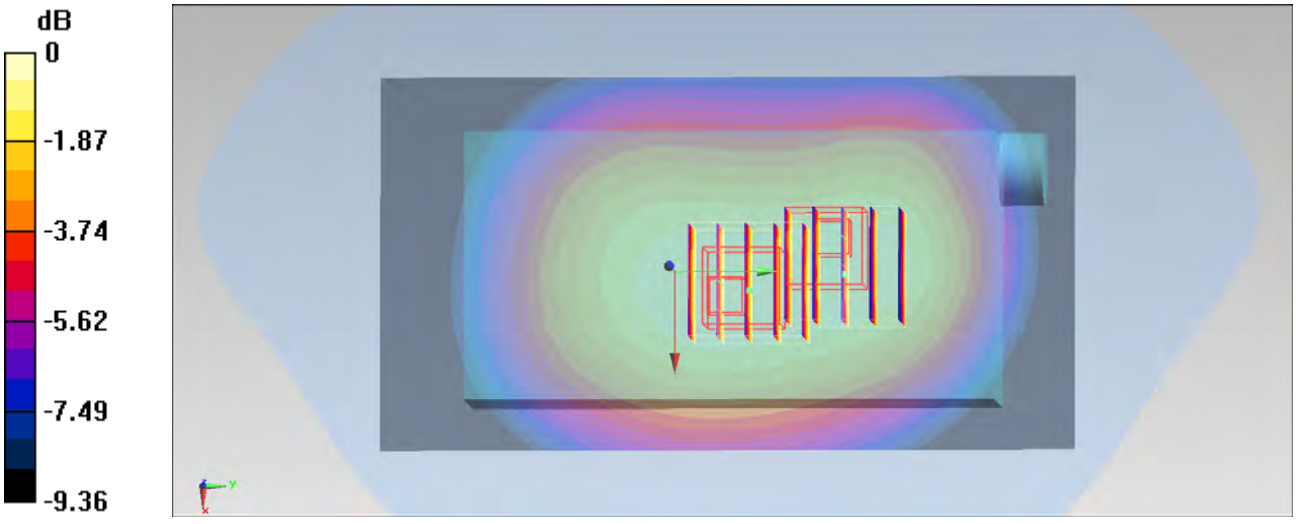
Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_850_130206 Medium parameters used: f = 849 MHz; σ = 0.971 mho/m; ε_r = 52.884; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch251/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.965 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.538 V/m; Power Drift = 0.182 dB
Peak SAR (extrapolated) = 1.349 mW/g
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.809 mW/g
Maximum value of SAR (measured) = 1.16 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.538 V/m; Power Drift = 0.182 dB
Peak SAR (extrapolated) = 1.279 mW/g
SAR(1 g) = 0.976 mW/g; SAR(10 g) = 0.706 mW/g
Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.11 mW/g = 0.91 dB mW/g

#664_GSM850_GPRS (4 Tx slots)_Front_1.5cm_Ch251;Keypad1_Camera2

DUT: 320416

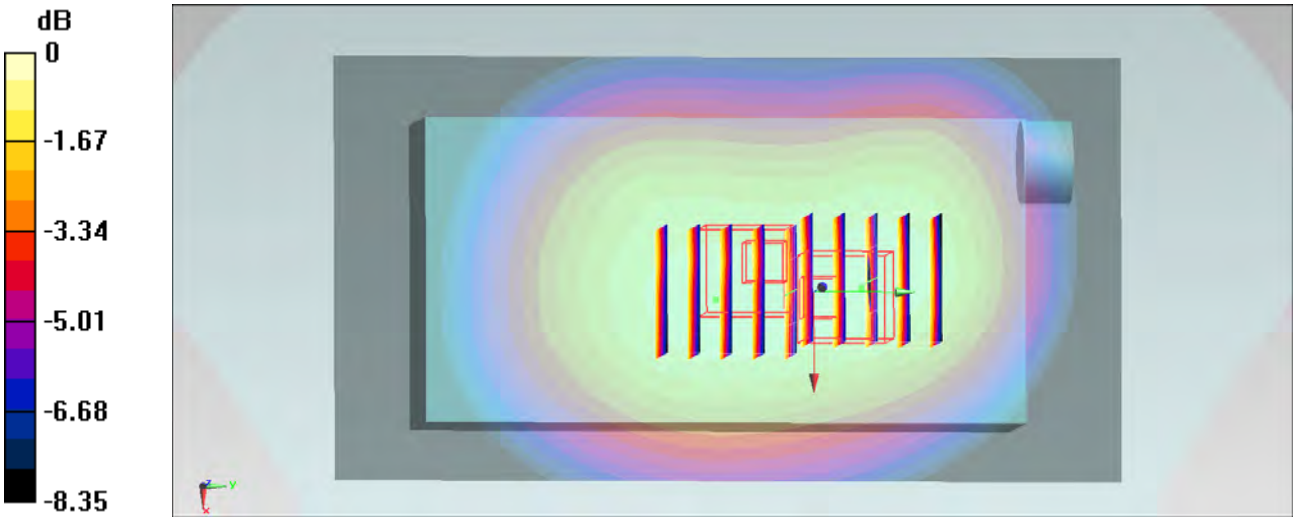
Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_850_130206 Medium parameters used: f = 849 MHz; σ = 0.971 mho/m; ε_r = 52.884; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch251/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.979 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.636 V/m; Power Drift = 0.170 dB
Peak SAR (extrapolated) = 1.295 mW/g
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.734 mW/g
Maximum value of SAR (measured) = 1.15 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.636 V/m; Power Drift = 0.170 dB
Peak SAR (extrapolated) = 1.303 mW/g
SAR(1 g) = 0.975 mW/g; SAR(10 g) = 0.724 mW/g
Maximum value of SAR (measured) = 1.14 mW/g



0 dB = 1.14 mW/g = 1.14 dB mW/g

#64 GSM850_GPRS12_Front_1.5cm_Ch251_Keypad1_Camera2_Holster2

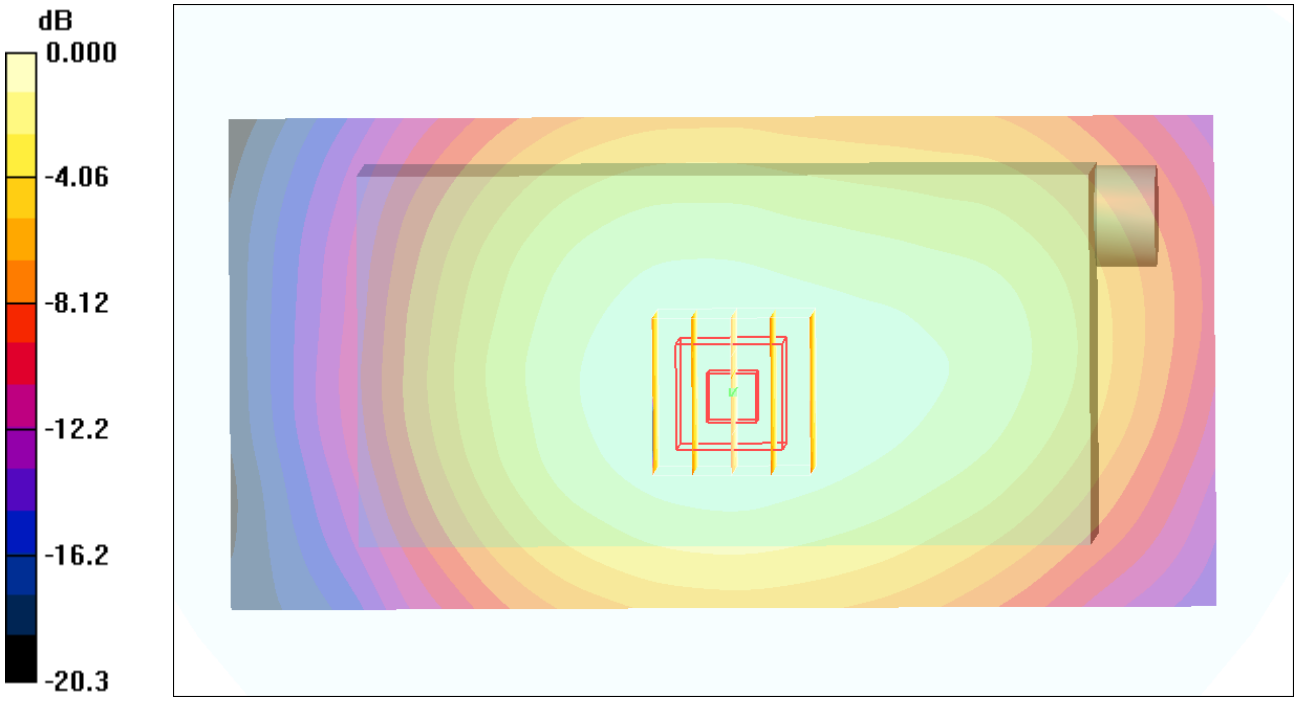
DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_850_120619 Medium parameters used: f = 849 MHz; σ = 0.975 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.09 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.8 V/m; Power Drift = 0.049 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.778 mW/g
Maximum value of SAR (measured) = 1.09 mW/g



0 dB = 1.09mW/g

#65 GSM850_GPRS12_Front_1.5cm_Ch128_Keypad1_Camera2_Holster2

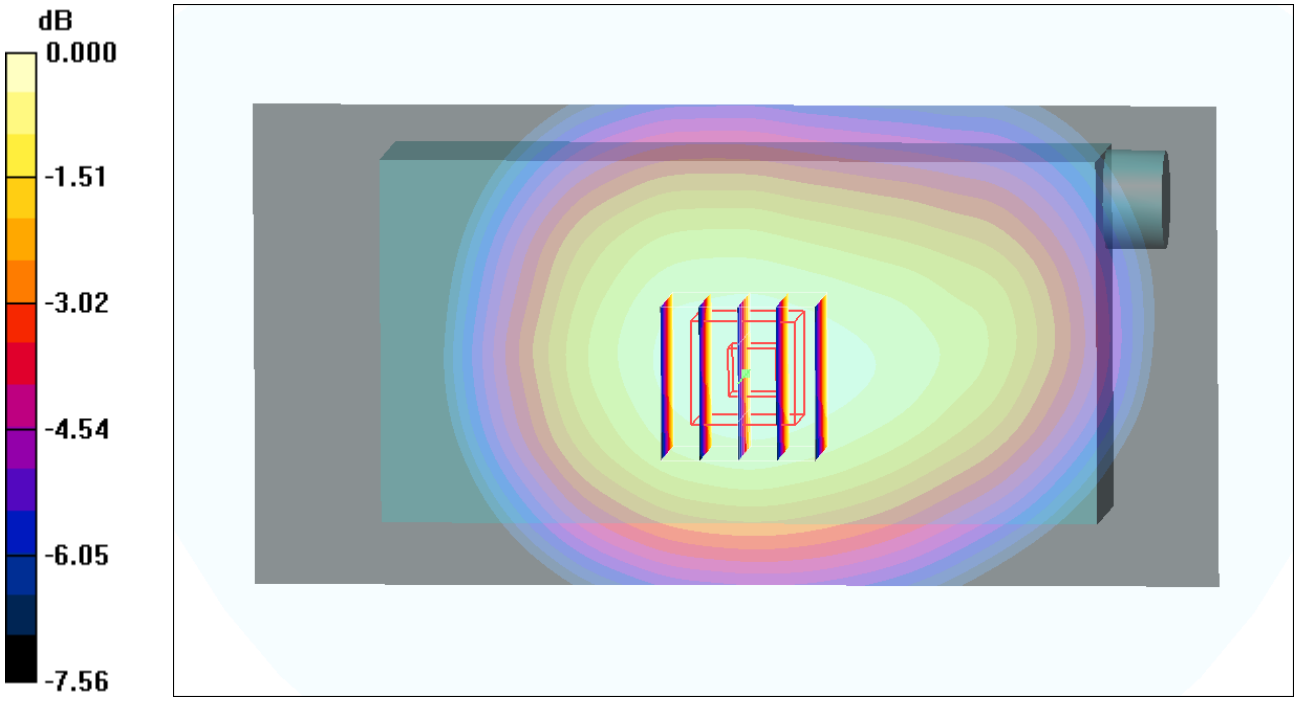
DUT: 221518-01

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_850_120619 Medium parameters used: f = 824.2 MHz; σ = 0.952 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.935 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.3 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.888 mW/g; SAR(10 g) = 0.679 mW/g
Maximum value of SAR (measured) = 0.929 mW/g



0 dB = 0.929mW/g

#66 GSM850_GPRS12_Front_1.5cm_Ch189_Keypad1_Camera2_Holster2

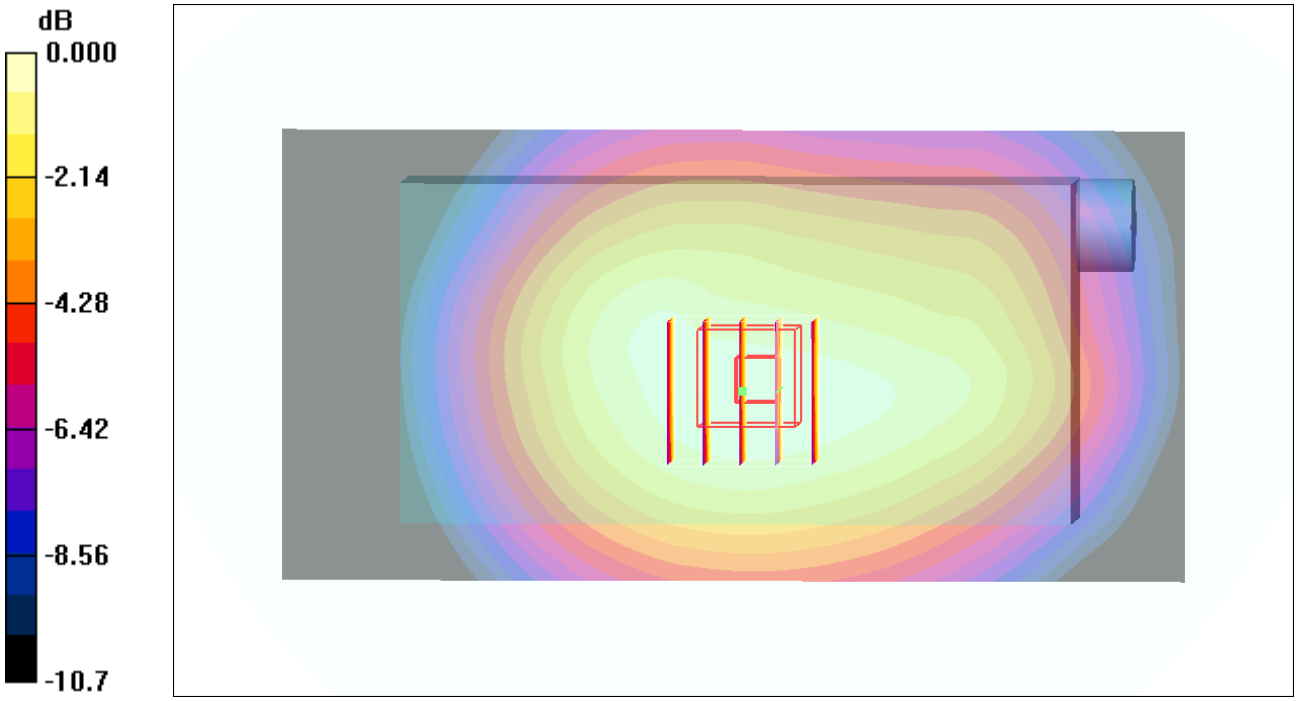
DUT: 221518-01

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_850_120619 Medium parameters used: f = 836.4 MHz; σ = 0.963 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.912 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.9 V/m; Power Drift = 0.142 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.874 mW/g; SAR(10 g) = 0.666 mW/g
Maximum value of SAR (measured) = 0.915 mW/g



0 dB = 0.915mW/g

#67 GSM850_GPRS12_Front_1.5cm_Ch251_Keypad1_Camera2_Holster3

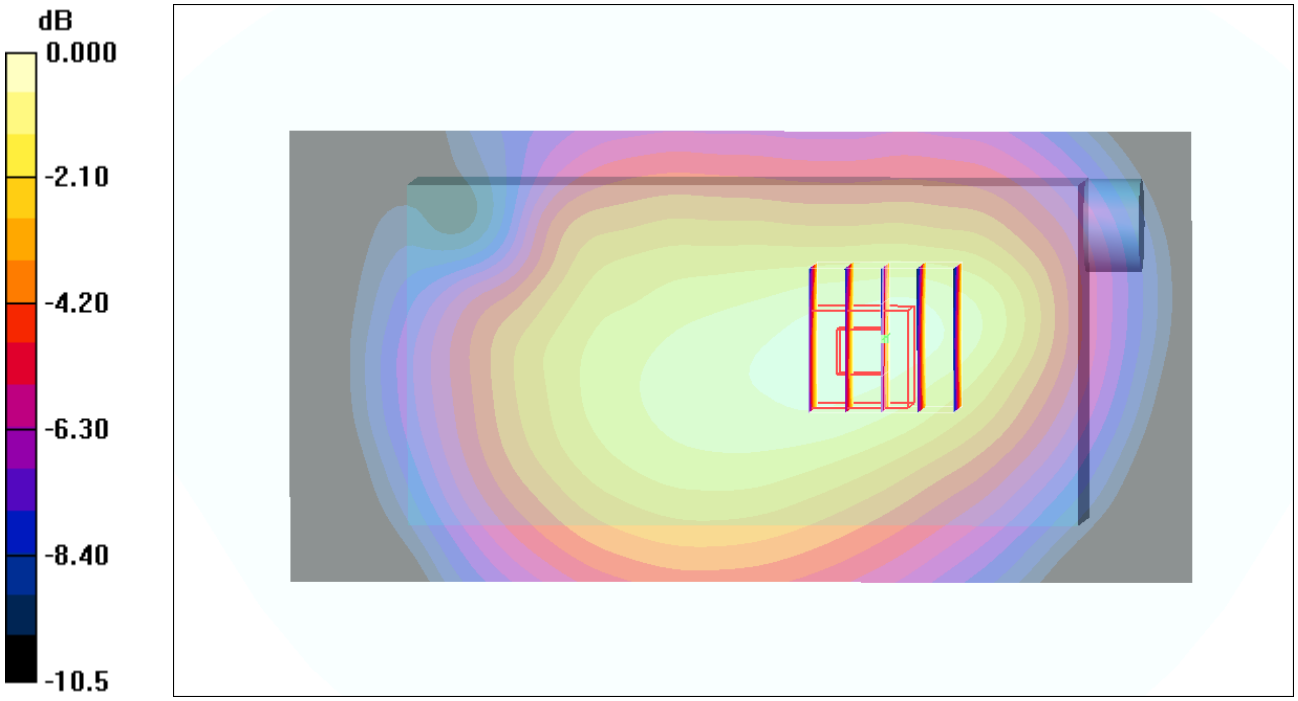
DUT: 221518-01

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_850_120619 Medium parameters used: f = 849 MHz; σ = 0.975 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.720 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.4 V/m; Power Drift = -0.061 dB
Peak SAR (extrapolated) = 0.957 W/kg
SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.503 mW/g
Maximum value of SAR (measured) = 0.746 mW/g



0 dB = 0.746mW/g

#68 GSM850_GPRS12_Front_1.5cm_Ch128_Keypad1_Camera2_Holster3

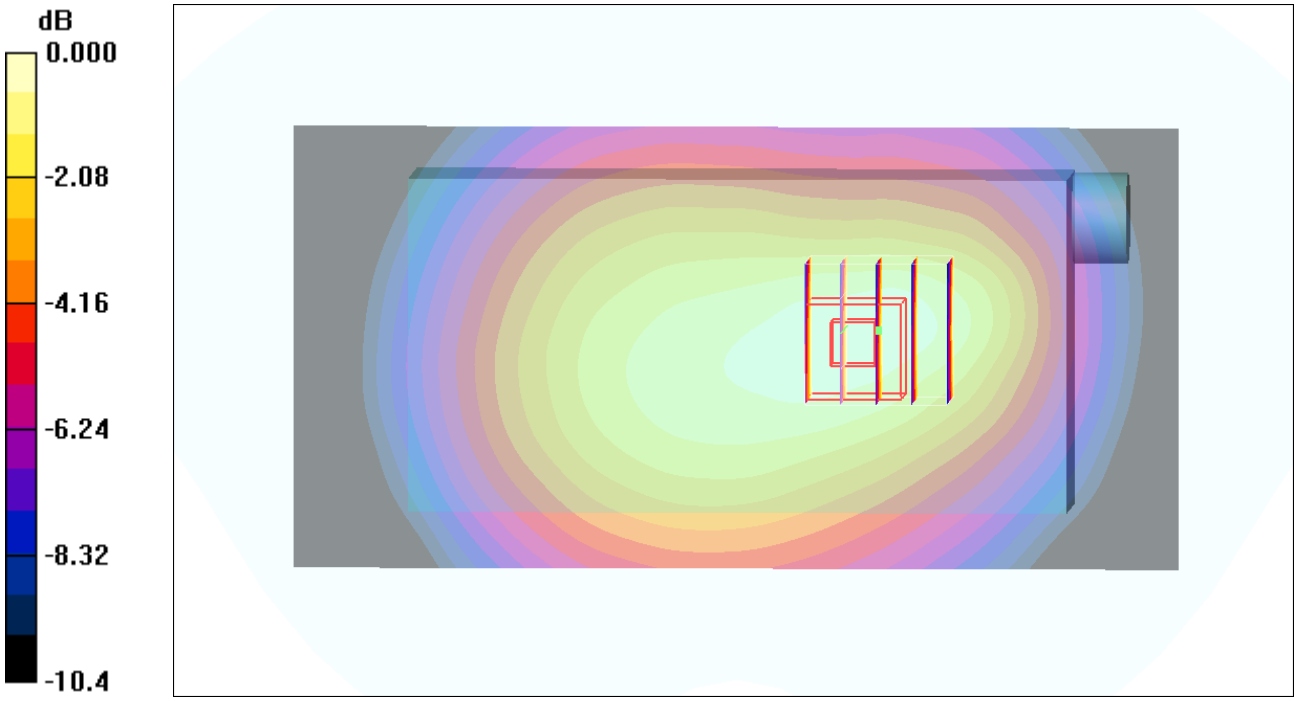
DUT: 221518-01

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_850_120619 Medium parameters used: f = 824.2 MHz; σ = 0.952 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch128/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.659 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.5 V/m; Power Drift = 0.044 dB
Peak SAR (extrapolated) = 0.853 W/kg
SAR(1 g) = 0.637 mW/g; SAR(10 g) = 0.459 mW/g
Maximum value of SAR (measured) = 0.668 mW/g



0 dB = 0.668mW/g

#69 GSM850_GPRS12_Front_1.5cm_Ch189_Keypad1_Camera2_Holster3

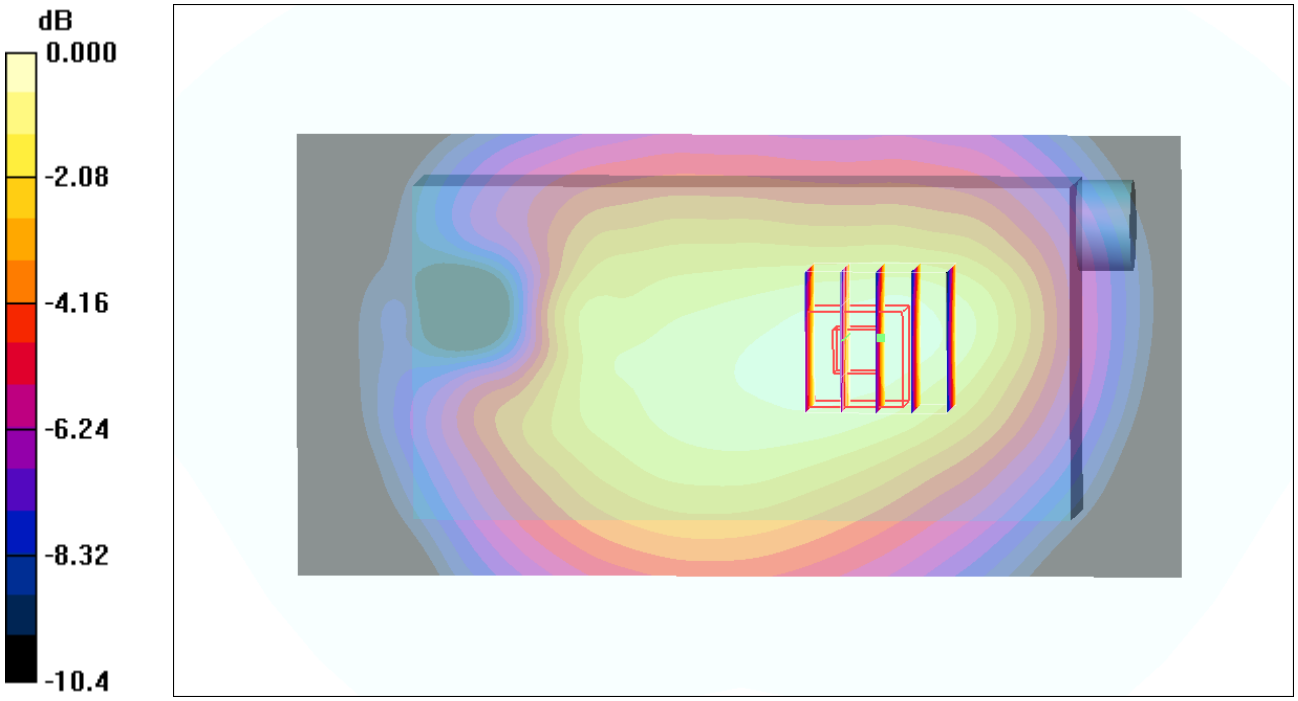
DUT: 221518-01

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_850_120619 Medium parameters used: f = 836.4 MHz; σ = 0.963 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.729 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.6 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 0.936 W/kg
SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.503 mW/g
Maximum value of SAR (measured) = 0.738 mW/g



0 dB = 0.738mW/g

#17 GSM1900_GPRS12_Front_1.5cm_Ch512_Keypad1_Camera1

DUT: 221518-01

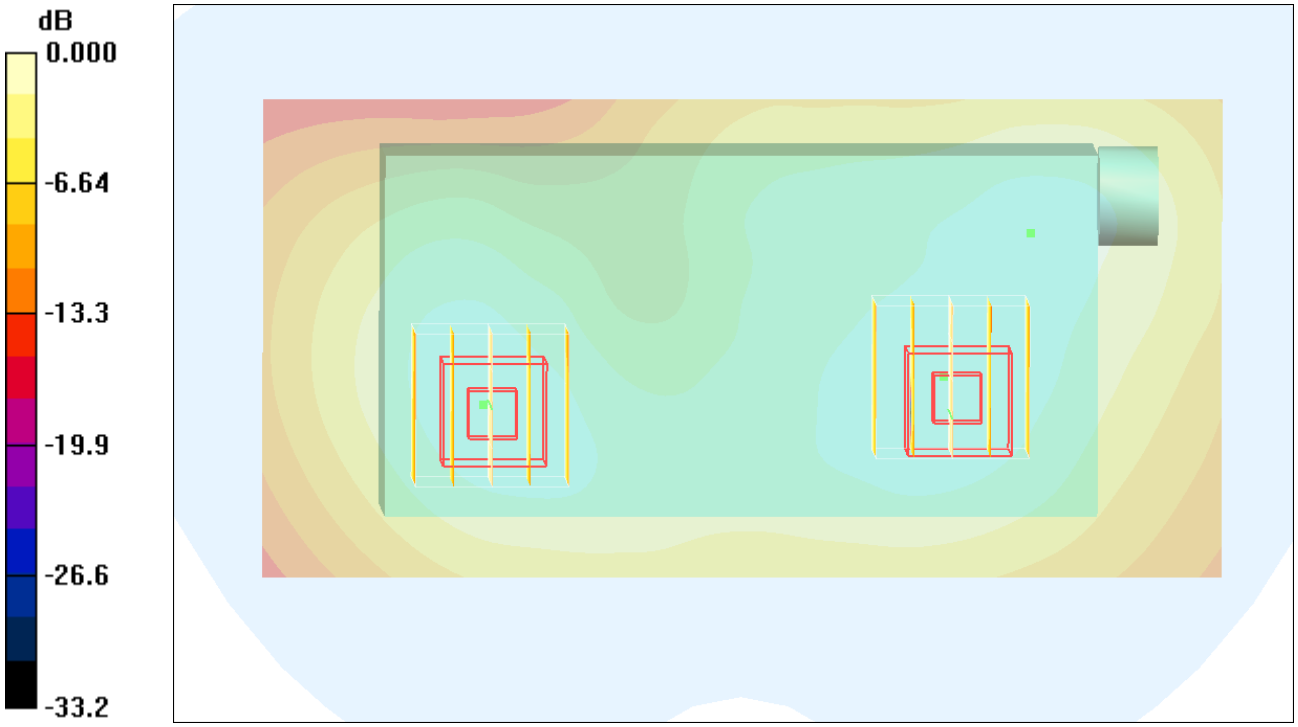
Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120620 Medium parameters used : f = 1850.2 MHz; σ = 1.49 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.242 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.50 V/m; Power Drift = 0.199 dB
Peak SAR (extrapolated) = 0.362 W/kg
SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.177 mW/g
Maximum value of SAR (measured) = 0.283 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.50 V/m; Power Drift = 0.199 dB
Peak SAR (extrapolated) = 0.686 W/kg
SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.180 mW/g
Maximum value of SAR (measured) = 0.288 mW/g



0 dB = 0.288mW/g

#18 GSM1900_GPRS12_Back_1.5cm_Ch512_Keypad1_Camera1

DUT: 221518-01

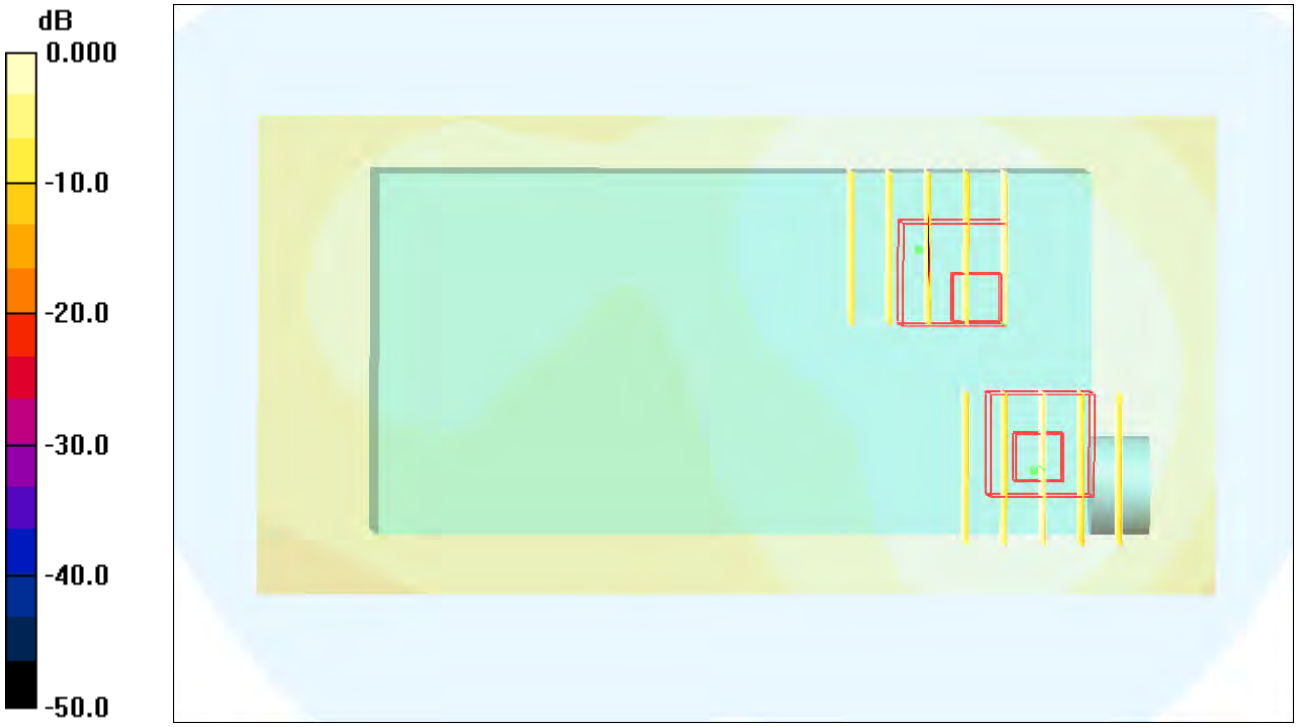
Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120620 Medium parameters used : f = 1850.2 MHz; σ = 1.49 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.292 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.49 V/m; Power Drift = -0.113 dB
Peak SAR (extrapolated) = 0.397 W/kg
SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.175 mW/g
Maximum value of SAR (measured) = 0.289 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.49 V/m; Power Drift = -0.113 dB
Peak SAR (extrapolated) = 0.315 W/kg
SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.153 mW/g
Maximum value of SAR (measured) = 0.243 mW/g



0 dB = 0.243mW/g

#35 GSM1900_GPRS12_Front_1.5cm_Ch512_Keypad2_Camera1

DUT: 221518-01

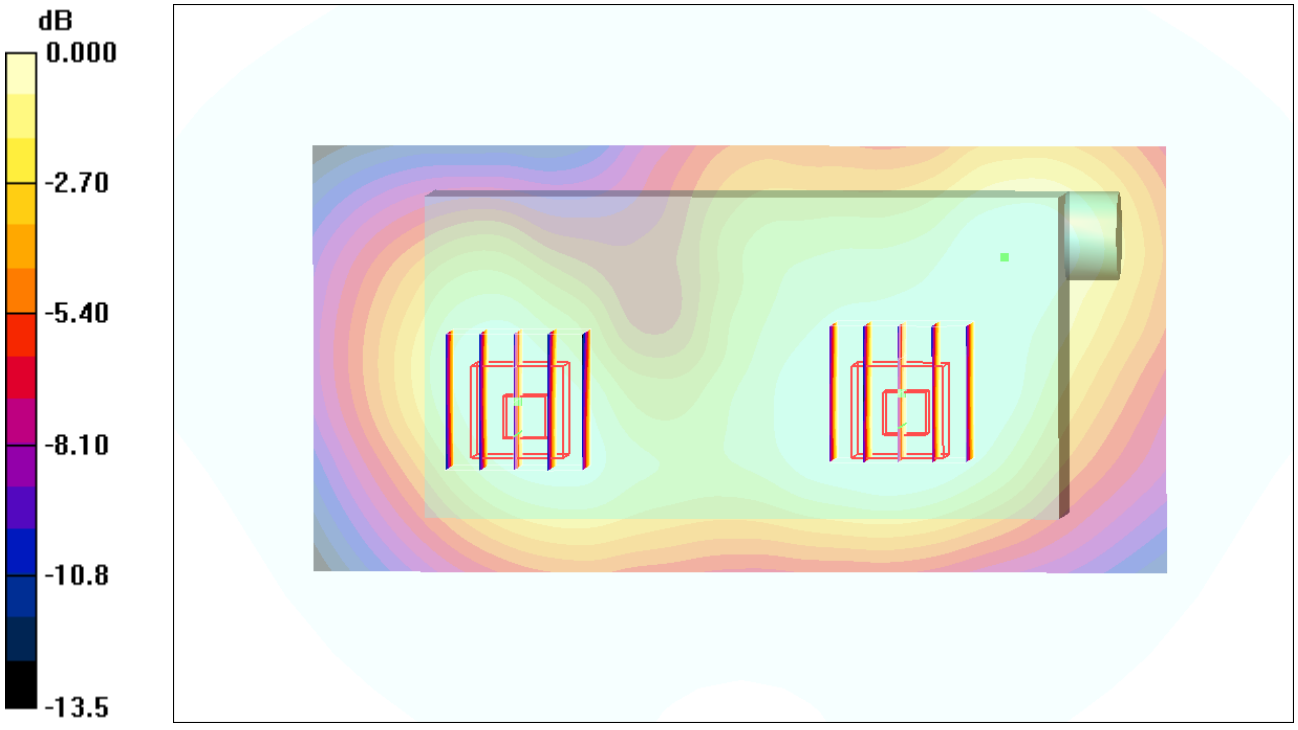
Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120620 Medium parameters used: f = 1850.2 MHz; σ = 1.49 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.308 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.1 V/m; Power Drift = 0.184 dB
Peak SAR (extrapolated) = 0.385 W/kg
SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.190 mW/g
Maximum value of SAR (measured) = 0.297 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.1 V/m; Power Drift = 0.184 dB
Peak SAR (extrapolated) = 0.315 W/kg
SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.152 mW/g
Maximum value of SAR (measured) = 0.242 mW/g



0 dB = 0.242mW/g

#36 GSM1900_GPRS12_Front_1.5cm_Ch512_Keypad3_Camera1

DUT: 221518-01

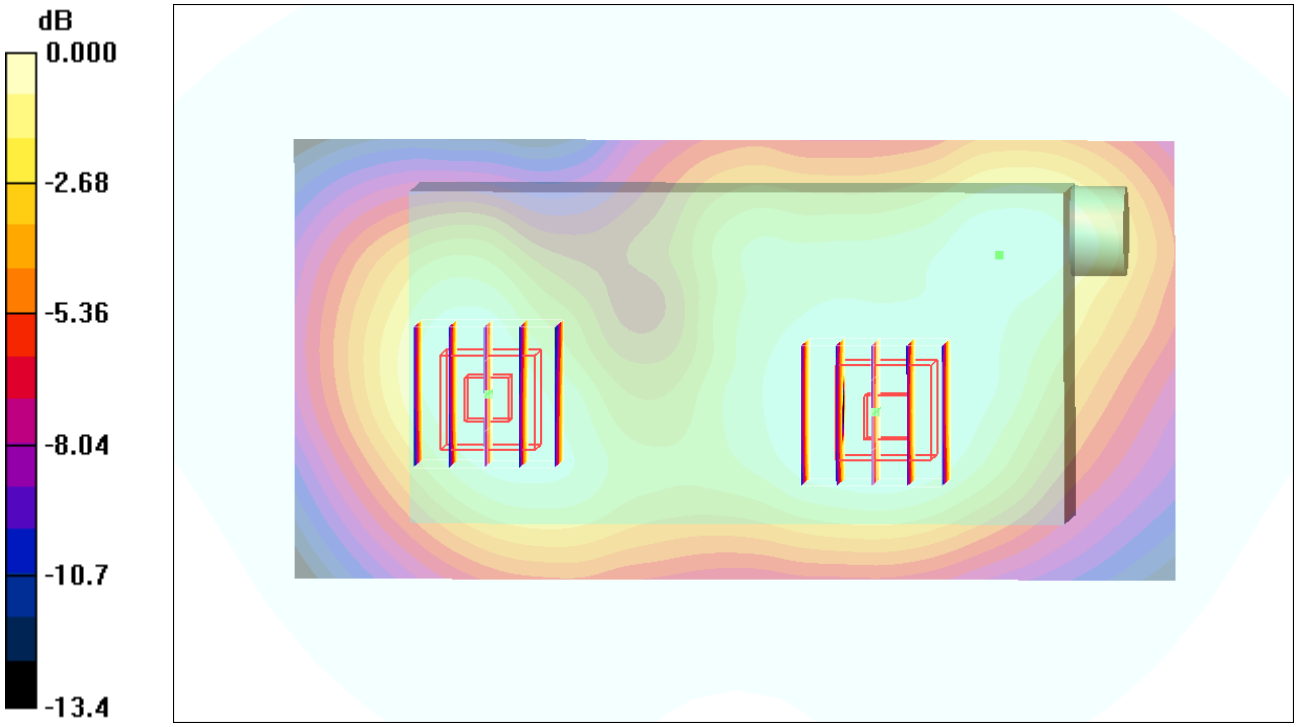
Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120620 Medium parameters used: f = 1850.2 MHz; σ = 1.49 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.301 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = 0.110 dB
Peak SAR (extrapolated) = 0.681 W/kg
SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.186 mW/g
Maximum value of SAR (measured) = 0.292 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = 0.110 dB
Peak SAR (extrapolated) = 0.319 W/kg
SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 0.252 mW/g



0 dB = 0.252mW/g

#665_GSM1900_GPRS (4 Tx slots)_Front_1.5cm_Ch512;Keypad1_Camera2

DUT: 320416

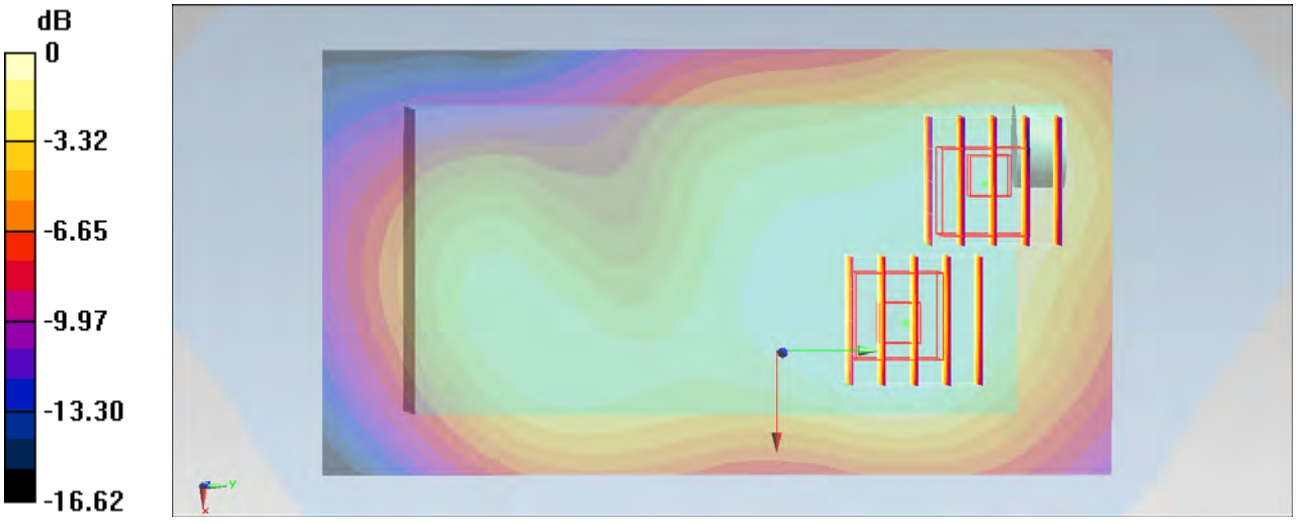
Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_130207 Medium parameters used: f = 1850.2 MHz; σ = 1.45 mho/m; ε_r = 53.861; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch512/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.203 mW/g

Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.283 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.261 mW/g
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.116 mW/g
Maximum value of SAR (measured) = 0.201 mW/g

Configuration/Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.283 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.218 mW/g
SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.089 mW/g
Maximum value of SAR (measured) = 0.163 mW/g



0 dB = 0.163 mW/g = -15.76 dB mW/g

#38 GSM1900_GPRS12_Front_1.5cm_Ch661_Keypad1_Camera2

DUT:221518-01

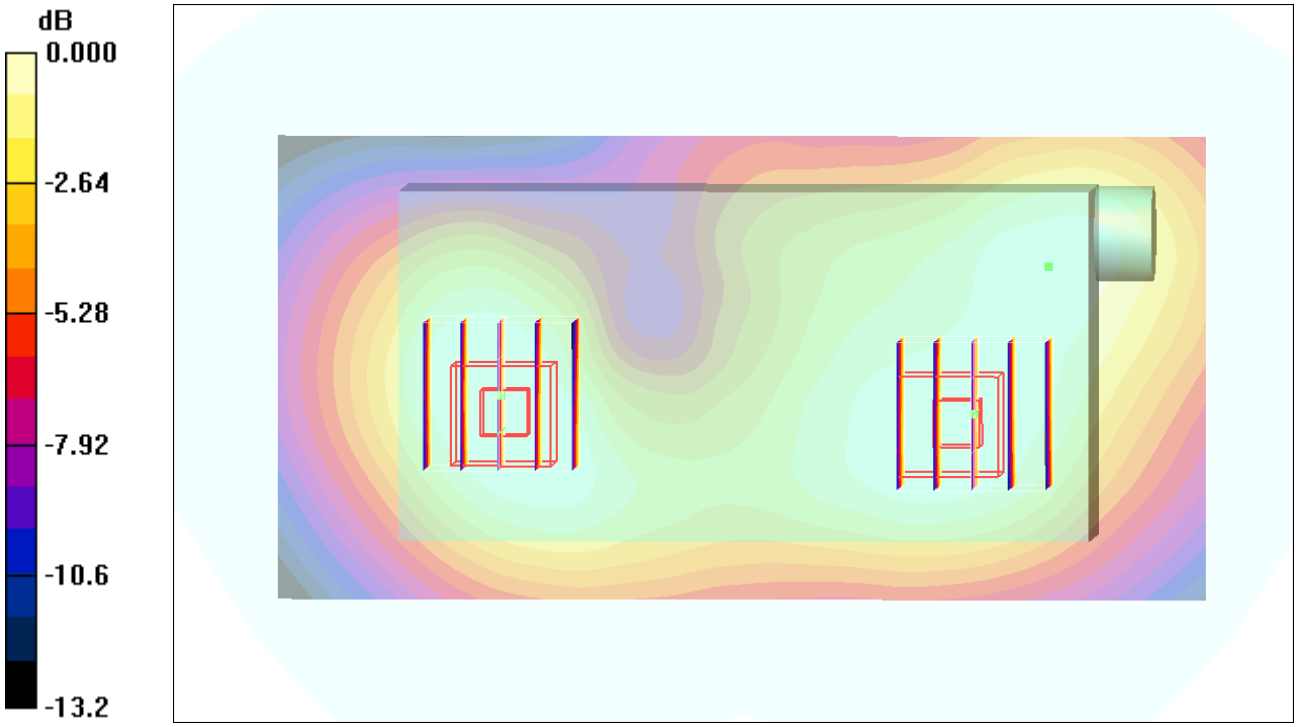
Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120620 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.297 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.30 V/m; Power Drift = -0.143 dB
Peak SAR (extrapolated) = 0.364 W/kg
SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.176 mW/g
Maximum value of SAR (measured) = 0.284 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.30 V/m; Power Drift = -0.143 dB
Peak SAR (extrapolated) = 0.351 W/kg
SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.167 mW/g
Maximum value of SAR (measured) = 0.263 mW/g



0 dB = 0.263mW/g

#39 GSM1900_GPRS12_Front_1.5cm_Ch810_Keypad1_Camera2

DUT: 221518-01

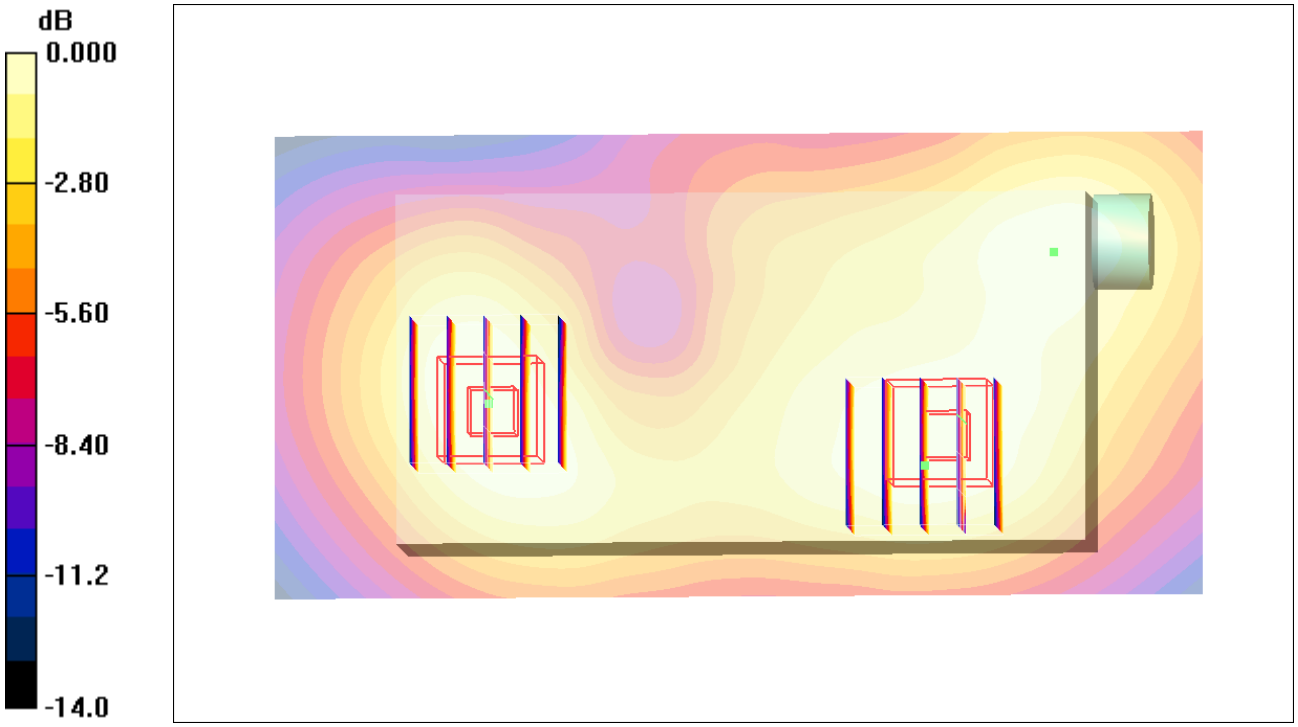
Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120620 Medium parameters used: f = 1910 MHz; σ = 1.54 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.237 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.82 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.301 W/kg
SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.141 mW/g
Maximum value of SAR (measured) = 0.230 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.82 V/m; Power Drift = -0.099 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.140 mW/g
Maximum value of SAR (measured) = 0.224 mW/g



0 dB = 0.224mW/g

#40 GSM1900_GPRS12_Front_0cm_Ch512_Keypad1_Camera2_Holster2

DUT: 221518-01

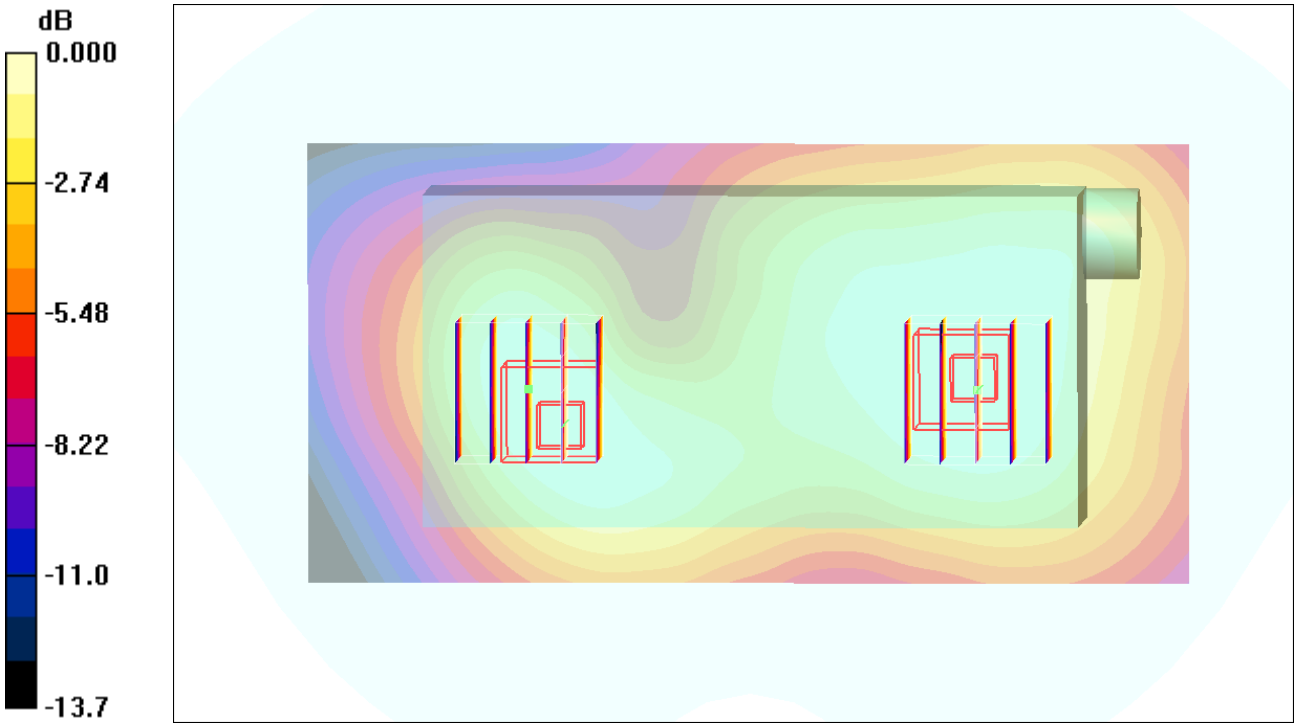
Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120620 Medium parameters used: f = 1850.2 MHz; σ = 1.49 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.247 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = -0.174 dB
Peak SAR (extrapolated) = 0.300 W/kg
SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.149 mW/g
Maximum value of SAR (measured) = 0.233 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = -0.174 dB
Peak SAR (extrapolated) = 0.297 W/kg
SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.147 mW/g
Maximum value of SAR (measured) = 0.235 mW/g



0 dB = 0.235mW/g

#41 GSM1900_GPRS12_Front_0cm_Ch661_Keypad1_Camera2_Holster2

DUT: 221518-01

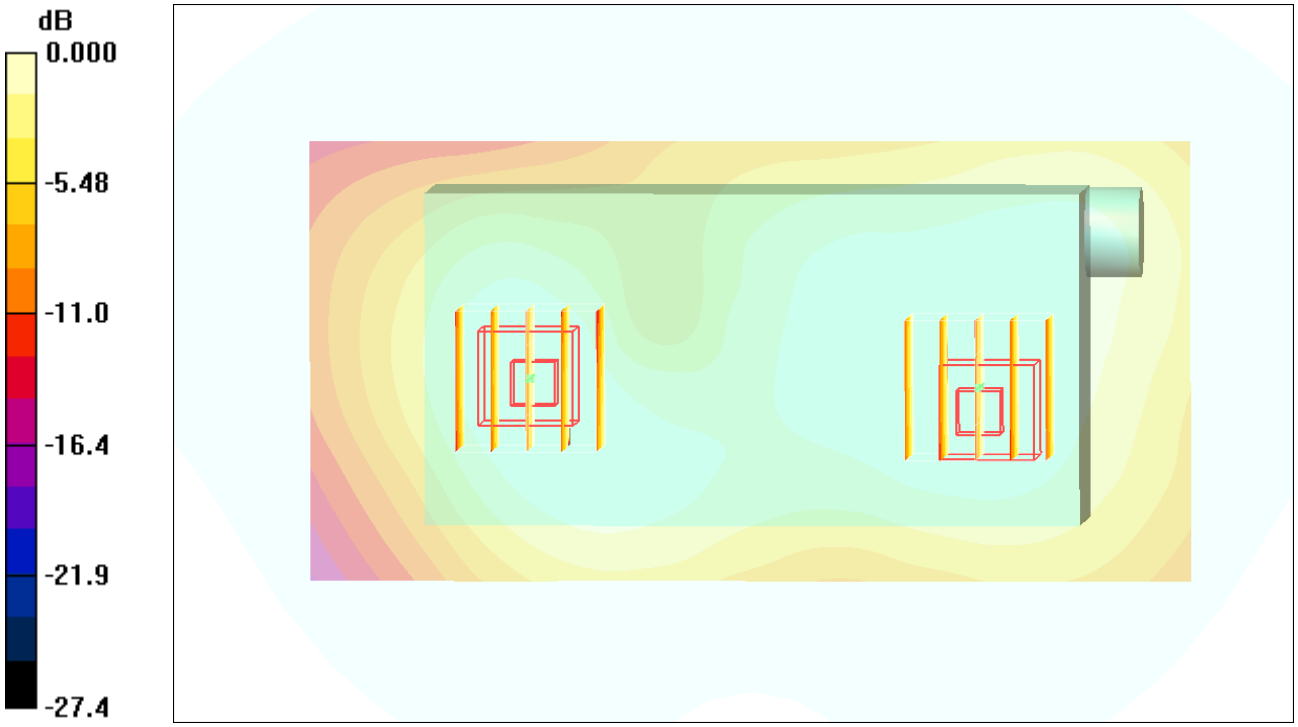
Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120620 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.246 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.93 V/m; Power Drift = -0.074 dB
Peak SAR (extrapolated) = 0.330 W/kg
SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.142 mW/g
Maximum value of SAR (measured) = 0.233 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.93 V/m; Power Drift = -0.074 dB
Peak SAR (extrapolated) = 0.298 W/kg
SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.130 mW/g
Maximum value of SAR (measured) = 0.220 mW/g



0 dB = 0.220mW/g

#42 GSM1900_GPRS12_Front_0cm_Ch810_Keypad1_Camera2_Holster2

DUT: 221518-01

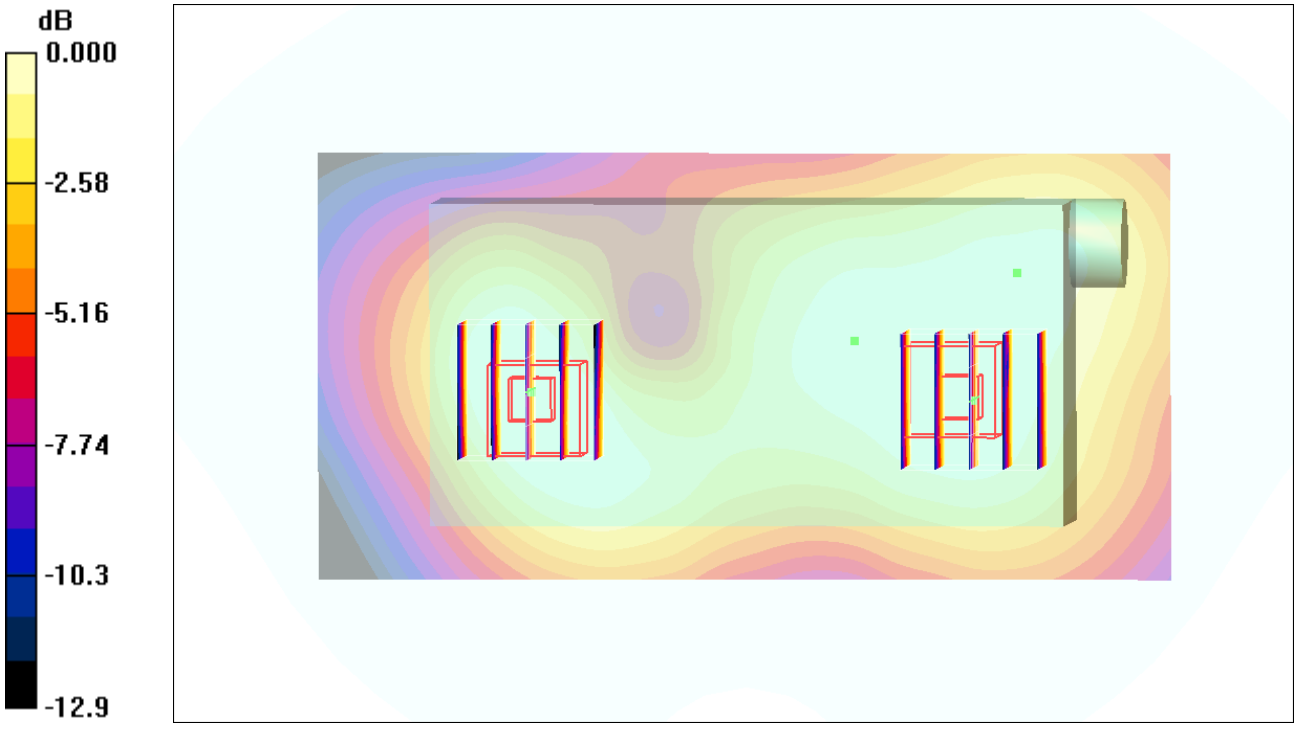
Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120620 Medium parameters used: f = 1910 MHz; σ = 1.54 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.207 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.38 V/m; Power Drift = -0.052 dB
Peak SAR (extrapolated) = 0.262 W/kg
SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.122 mW/g
Maximum value of SAR (measured) = 0.198 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.38 V/m; Power Drift = -0.052 dB
Peak SAR (extrapolated) = 0.236 W/kg
SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.175 mW/g



0 dB = 0.175mW/g

#43 GSM1900_GPRS12_Front_0cm_Ch512_Keypad1_Camera2_Holster3

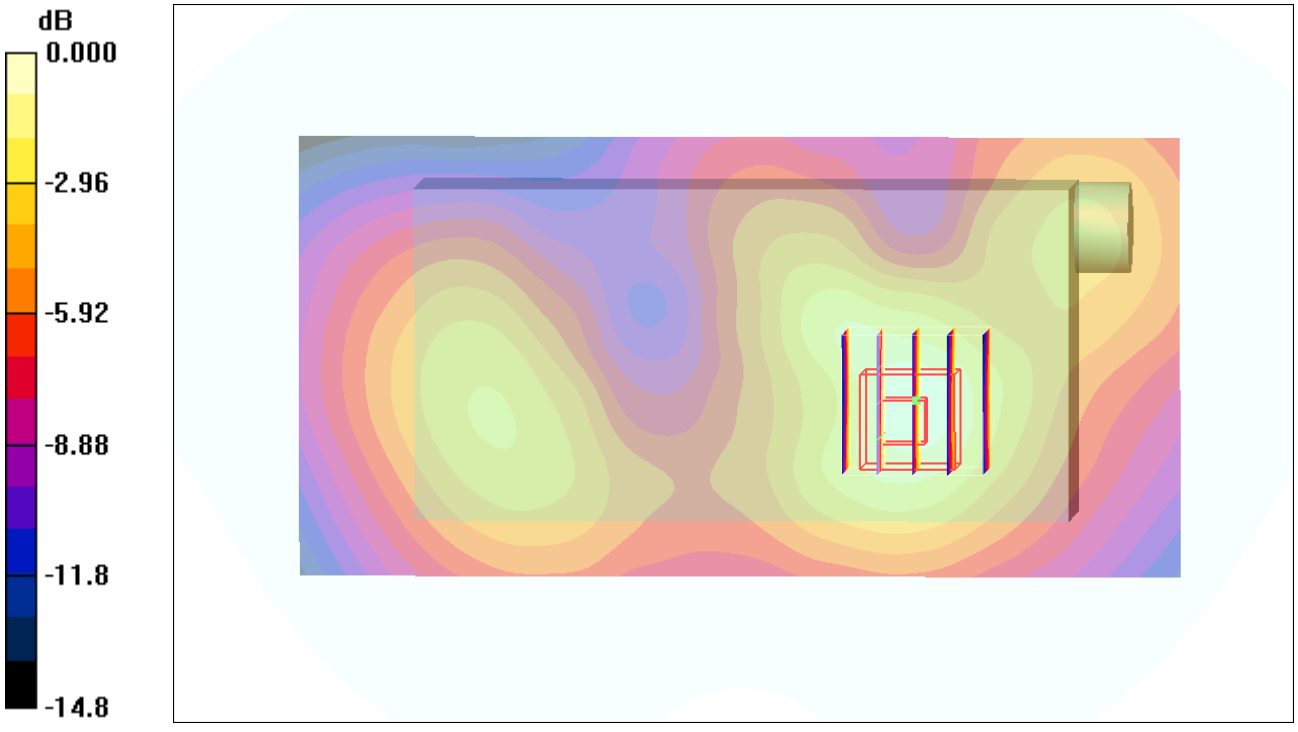
DUT: 221518-01

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120620 Medium parameters used: f = 1850.2 MHz; σ = 1.49 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.234 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.13 V/m; Power Drift = -0.147 dB
Peak SAR (extrapolated) = 0.322 W/kg
SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.140 mW/g
Maximum value of SAR (measured) = 0.242 mW/g



0 dB = 0.242mW/g

#44 GSM1900_GPRS12_Front_0cm_Ch661_Keypad1_Camera2_Holster3

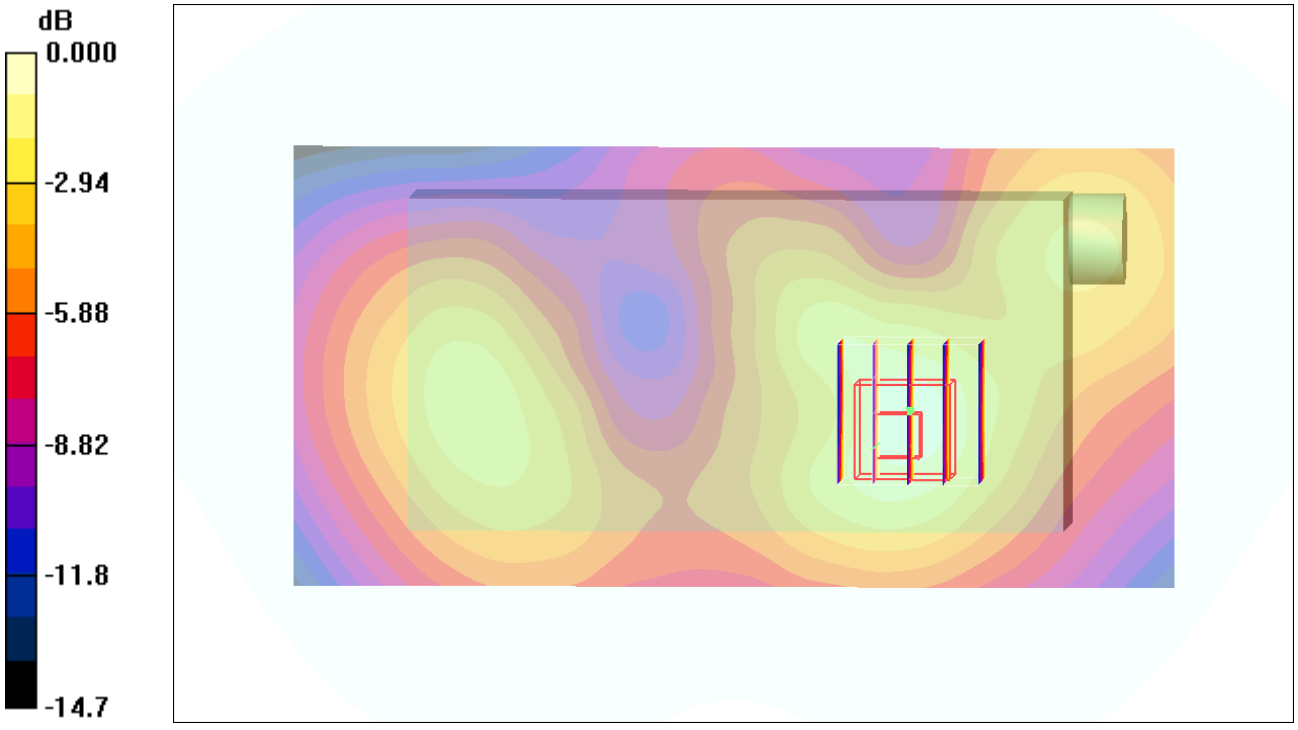
DUT: 221518-01

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120620 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.219 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.77 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 0.310 W/kg
SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.131 mW/g
Maximum value of SAR (measured) = 0.228 mW/g



0 dB = 0.228mW/g

#45 GSM1900_GPRS12_Front_0cm_Ch810_Keypad1_Camera2_Holster3

DUT: 221518-01

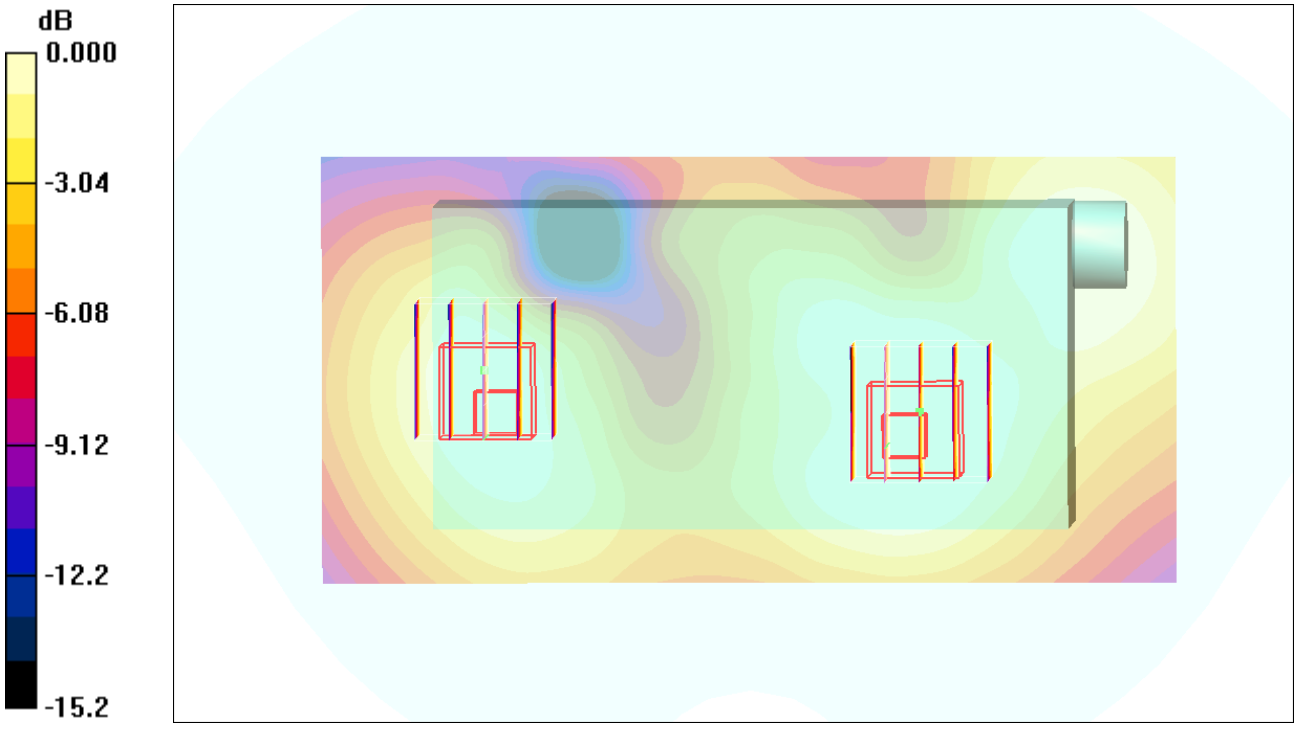
Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_120620 Medium parameters used: f = 1910 MHz; σ = 1.54 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch810/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.183 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.51 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.192 mW/g

Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.51 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 0.151 W/kg
SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.114 mW/g



0 dB = 0.114mW/g

#15 WCDMA V_RMC12.2K_Front_1.5cm_Ch4182_Keypad1_Camera1

DUT: 221518-01

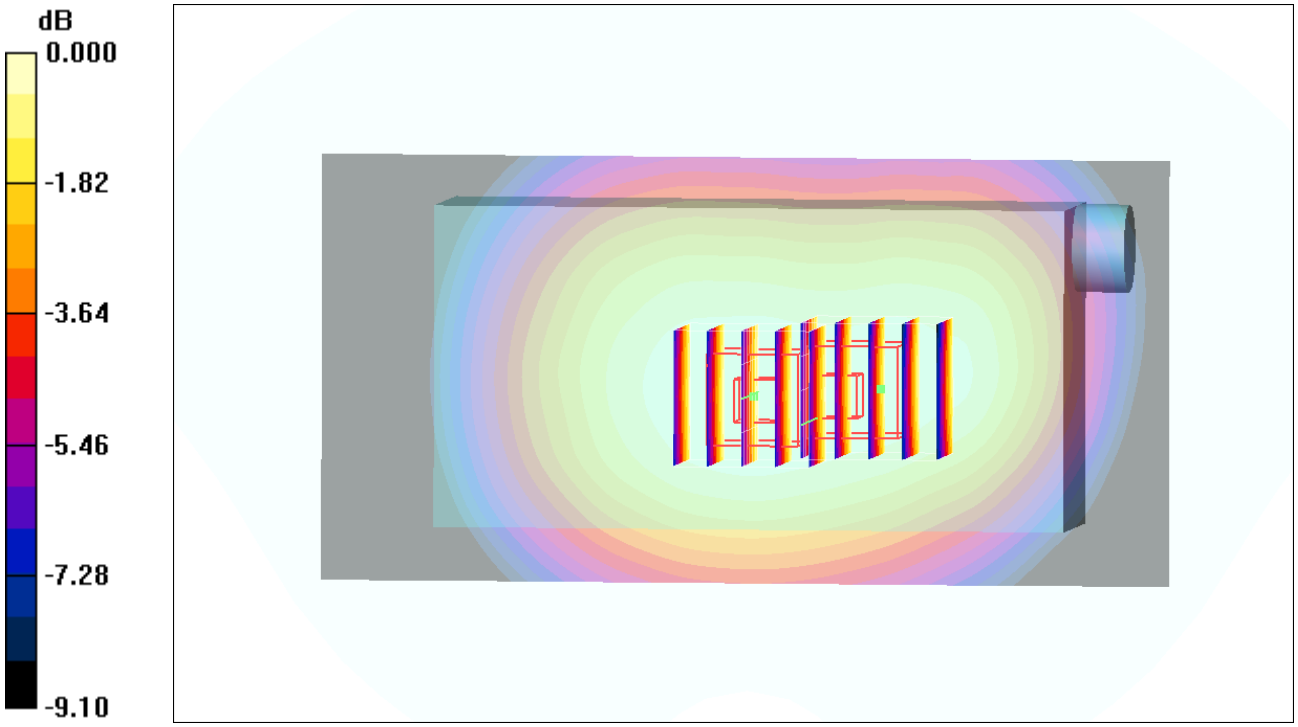
Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_120619 Medium parameters used: f = 836.4 MHz; σ = 0.963 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.331 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.2 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.387 W/kg
SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.233 mW/g
Maximum value of SAR (measured) = 0.325 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.2 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.384 W/kg
SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.226 mW/g
Maximum value of SAR (measured) = 0.317 mW/g



0 dB = 0.317mW/g

#16 WCDMA V_RMC12.2K_Back_1.5cm_Ch4182_Keypad1_Camera1

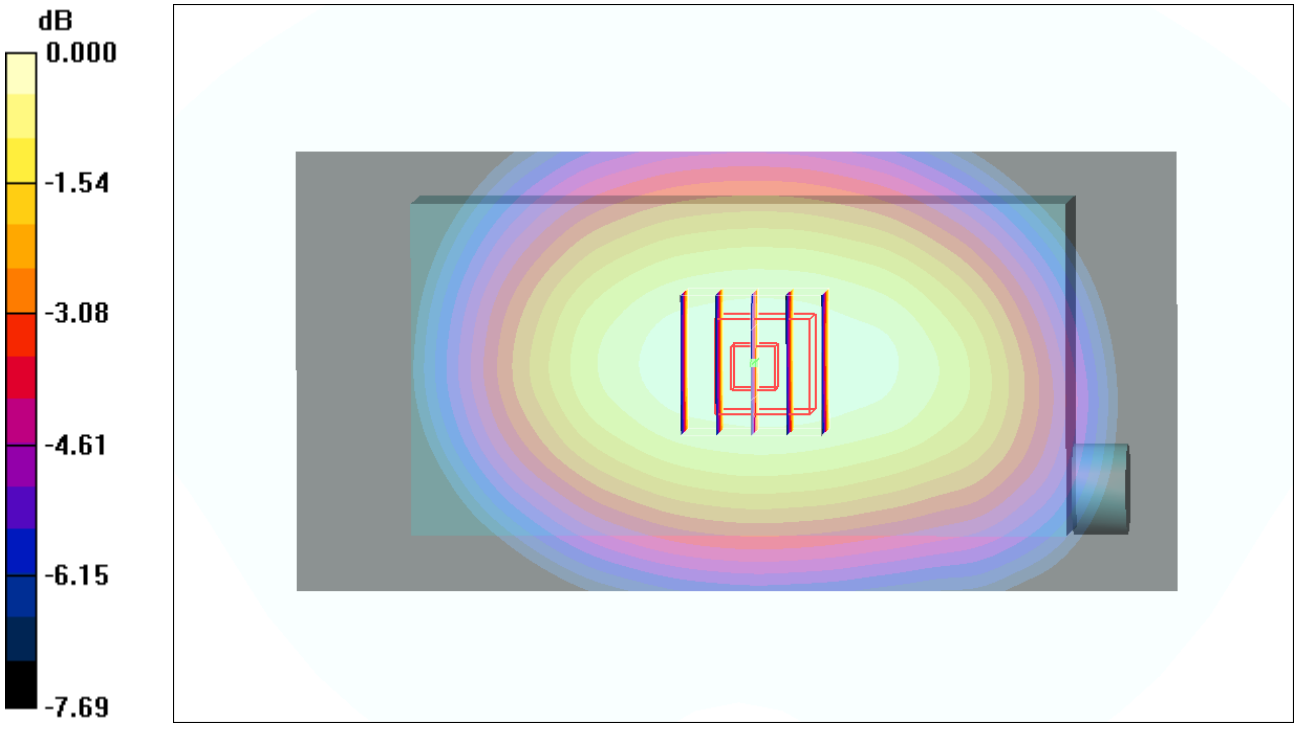
DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_120619 Medium parameters used: f = 836.4 MHz; σ = 0.963 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.280 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 0.331 W/kg
SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.203 mW/g
Maximum value of SAR (measured) = 0.281 mW/g



0 dB = 0.281mW/g

#31 WCDMA V_RMC12.2K_Front_1.5cm_Ch4182_Keypad2_Camera1

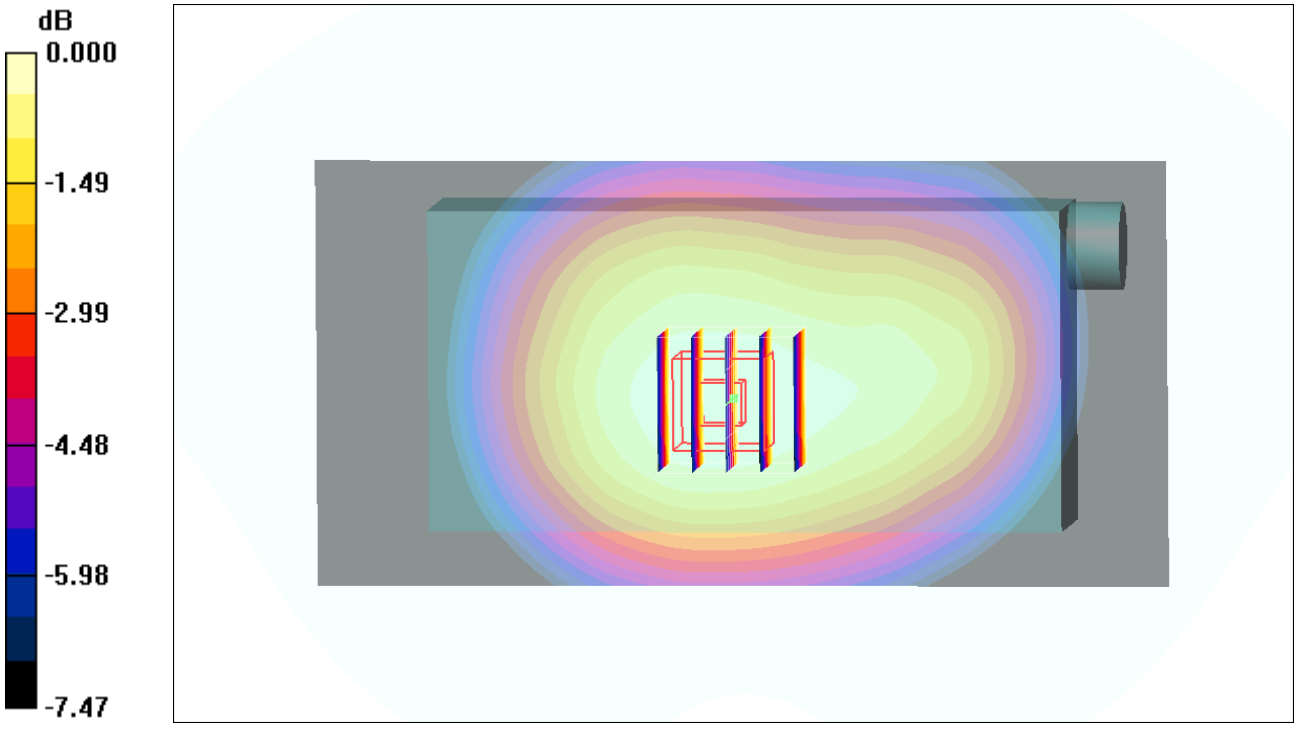
DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_120619 Medium parameters used: f = 836.4 MHz; σ = 0.963 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.345 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.6 V/m; Power Drift = -0.072 dB
Peak SAR (extrapolated) = 0.407 W/kg
SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.248 mW/g
Maximum value of SAR (measured) = 0.342 mW/g



0 dB = 0.342mW/g

#32 WCDMA V_RMC12.2K_Front_1.5cm_Ch4182_Keypad3_Camera1

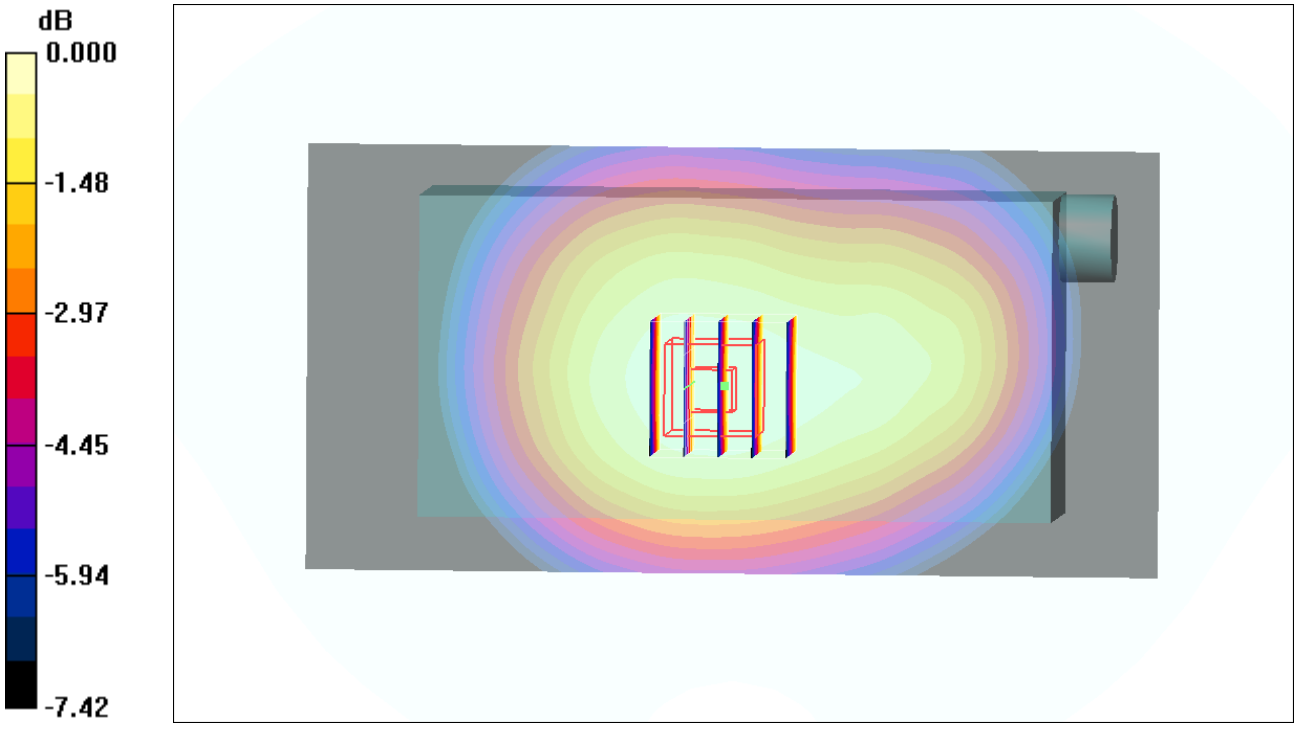
DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_120619 Medium parameters used: f = 836.4 MHz; σ = 0.963 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.336 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.4 V/m; Power Drift = -0.172 dB
Peak SAR (extrapolated) = 0.397 W/kg
SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.242 mW/g
Maximum value of SAR (measured) = 0.332 mW/g



0 dB = 0.332mW/g

#52 WCDMA V_RMC12.2K_Front_1.5cm_Ch4182_Keypad1_Camera2

DUT: 221518-01

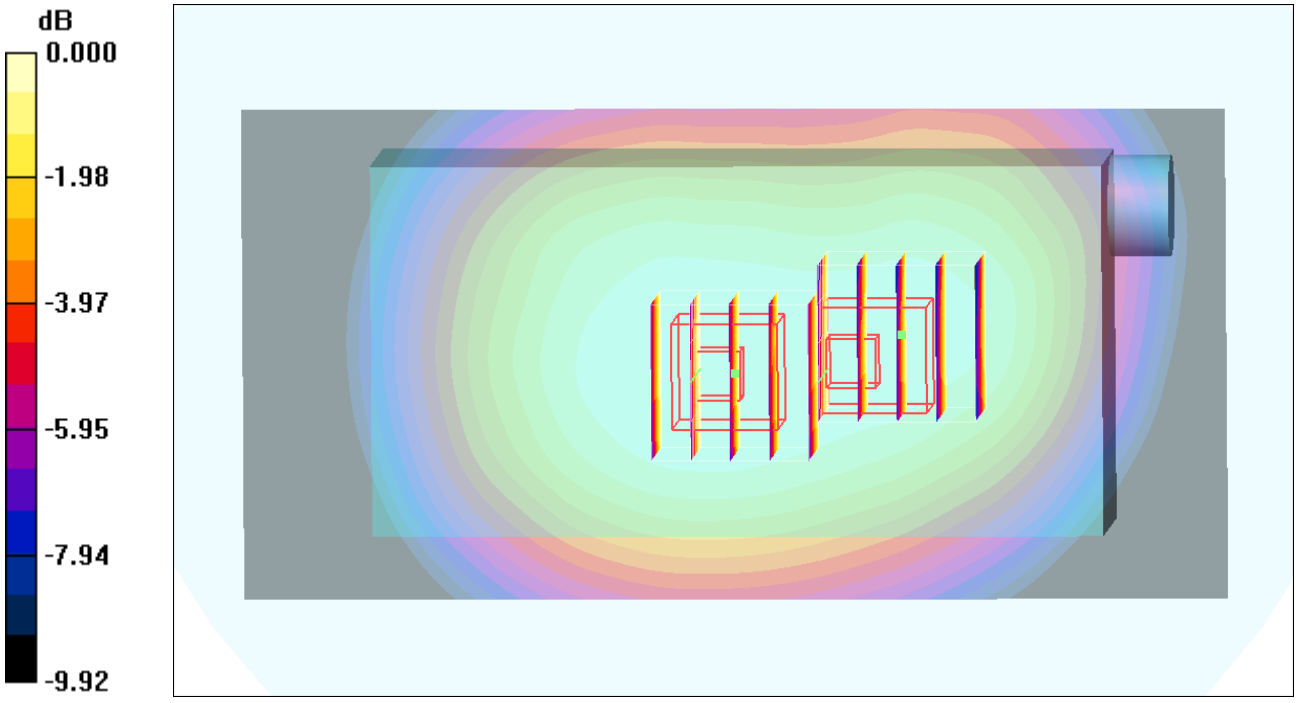
Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_120619 Medium parameters used: f = 836.4 MHz; σ = 0.963 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.354 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.4 V/m; Power Drift = -0.075 dB
Peak SAR (extrapolated) = 0.408 W/kg
SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.257 mW/g
Maximum value of SAR (measured) = 0.354 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.4 V/m; Power Drift = -0.075 dB
Peak SAR (extrapolated) = 0.389 W/kg
SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.237 mW/g
Maximum value of SAR (measured) = 0.333 mW/g



0 dB = 0.333mW/g

#53 WCDMA V_RMC12.2K_Front_1.5cm_Ch4132_Keypad1_Camera2

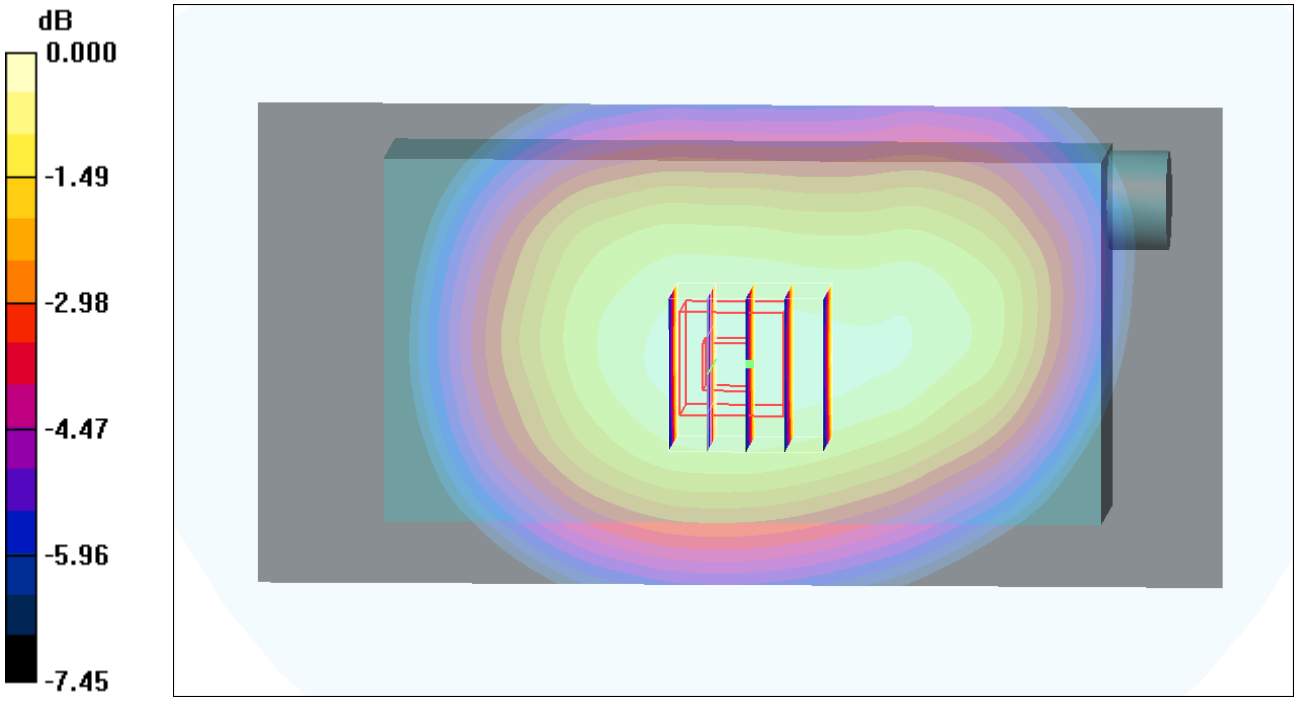
DUT: 221518-01

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_120619 Medium parameters used: f = 826.4 MHz; σ = 0.954 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.314 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.9 V/m; Power Drift = 0.071 dB
Peak SAR (extrapolated) = 0.382 W/kg
SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.235 mW/g
Maximum value of SAR (measured) = 0.324 mW/g



0 dB = 0.324mW/g

#666_WCDMA V_RMC 12.2Kbps_Front_Ch4233;Keypad1_Camera2

DUT: 320416

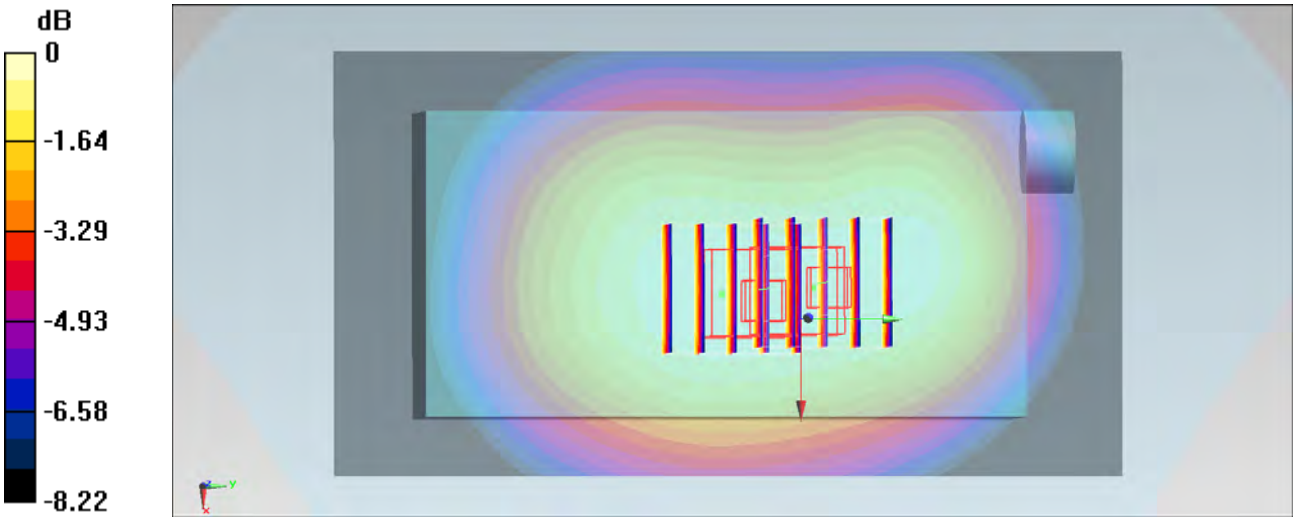
Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_130206 Medium parameters used: f = 847 MHz; σ = 0.969 mho/m; ε_r = 52.907; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch4233/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.352 mW/g

Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.372 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.398 mW/g
SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.239 mW/g
Maximum value of SAR (measured) = 0.345 mW/g

Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.372 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.396 mW/g
SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.238 mW/g
Maximum value of SAR (measured) = 0.346 mW/g



0 dB = 0.346 mW/g = -9.22 dB mW/g

#55 WCDMA V_RMC12.2K_Front_1.5cm_Ch4182_Keypad1_Camera2_Holster2

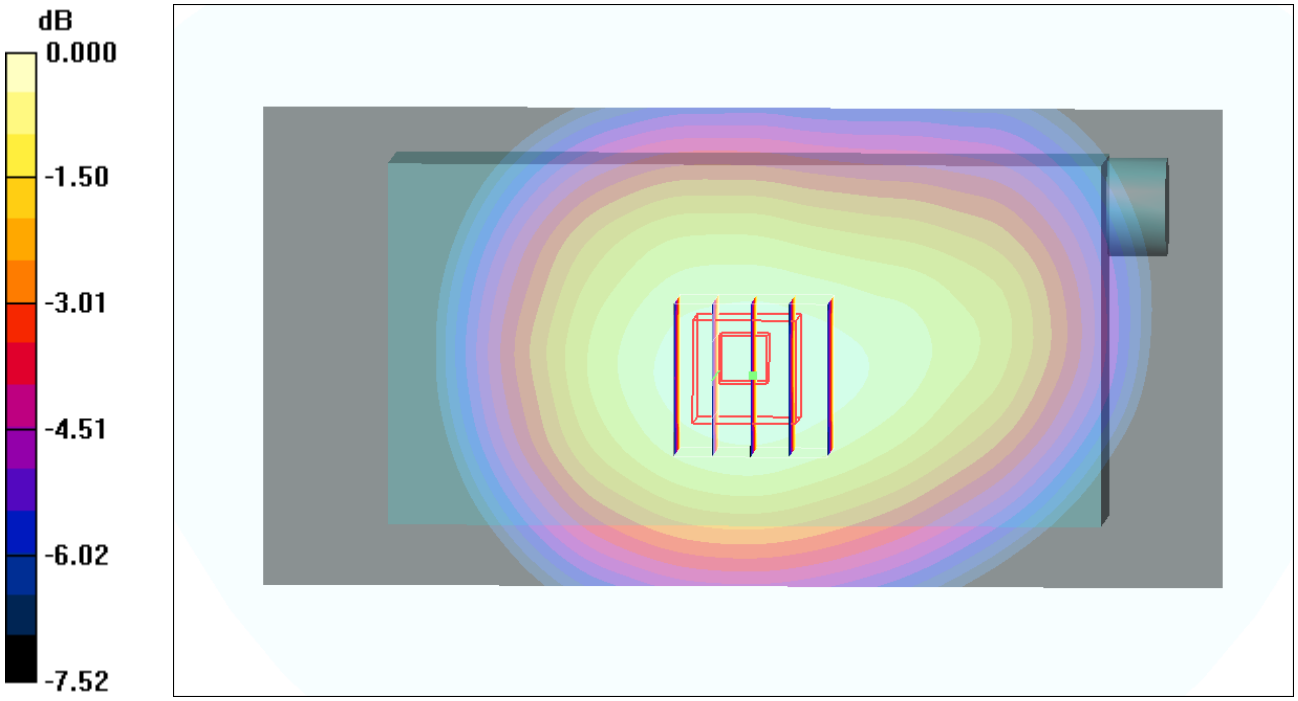
DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_120619 Medium parameters used: f = 836.4 MHz; σ = 0.963 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.308 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.6 V/m; Power Drift = -0.078 dB
Peak SAR (extrapolated) = 0.370 W/kg
SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.225 mW/g
Maximum value of SAR (measured) = 0.309 mW/g



0 dB = 0.309mW/g

#56 WCDMA V_RMC12.2K_Front_1.5cm_Ch4132_Keypad1_Camera2_Holster2

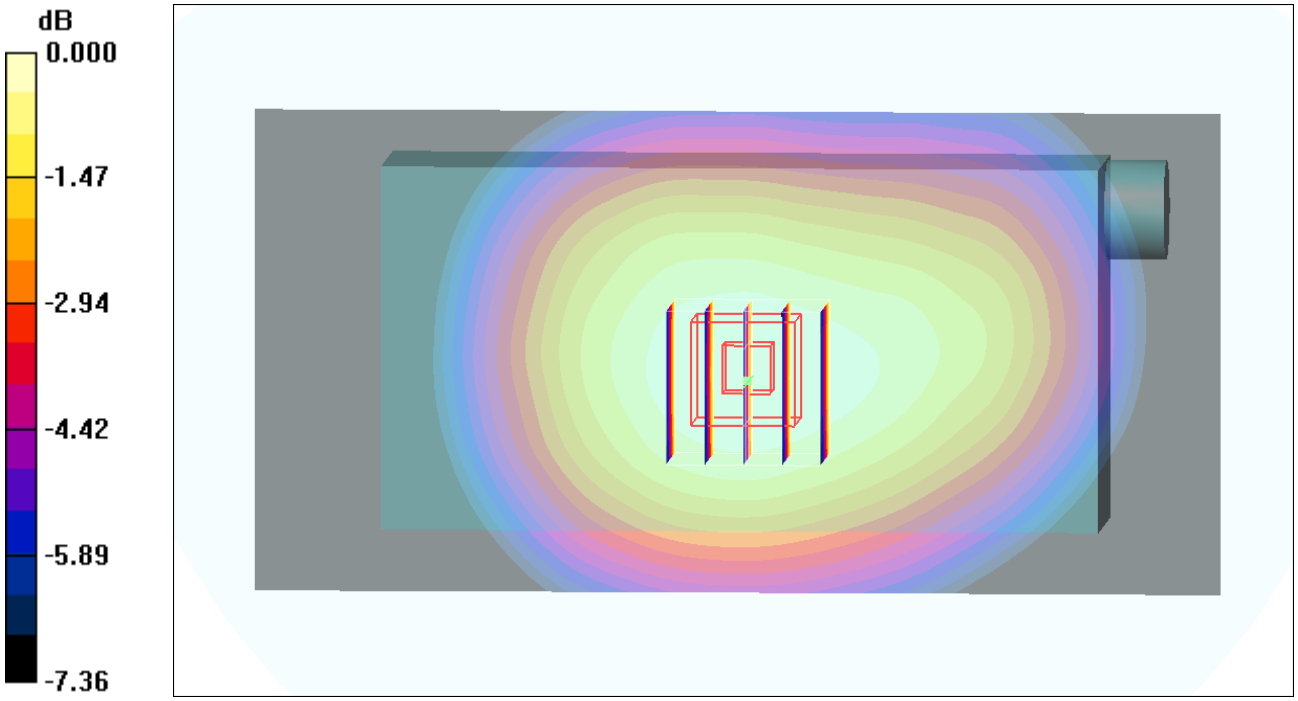
DUT: 221518-01

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_120619 Medium parameters used: f = 826.4 MHz; σ = 0.954 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.276 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.137 dB
Peak SAR (extrapolated) = 0.319 W/kg
SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.197 mW/g
Maximum value of SAR (measured) = 0.270 mW/g



0 dB = 0.270mW/g

#57 WCDMA V_RMC12.2K_Front_1.5cm_Ch4233_Keypad1_Camera2_Holster2

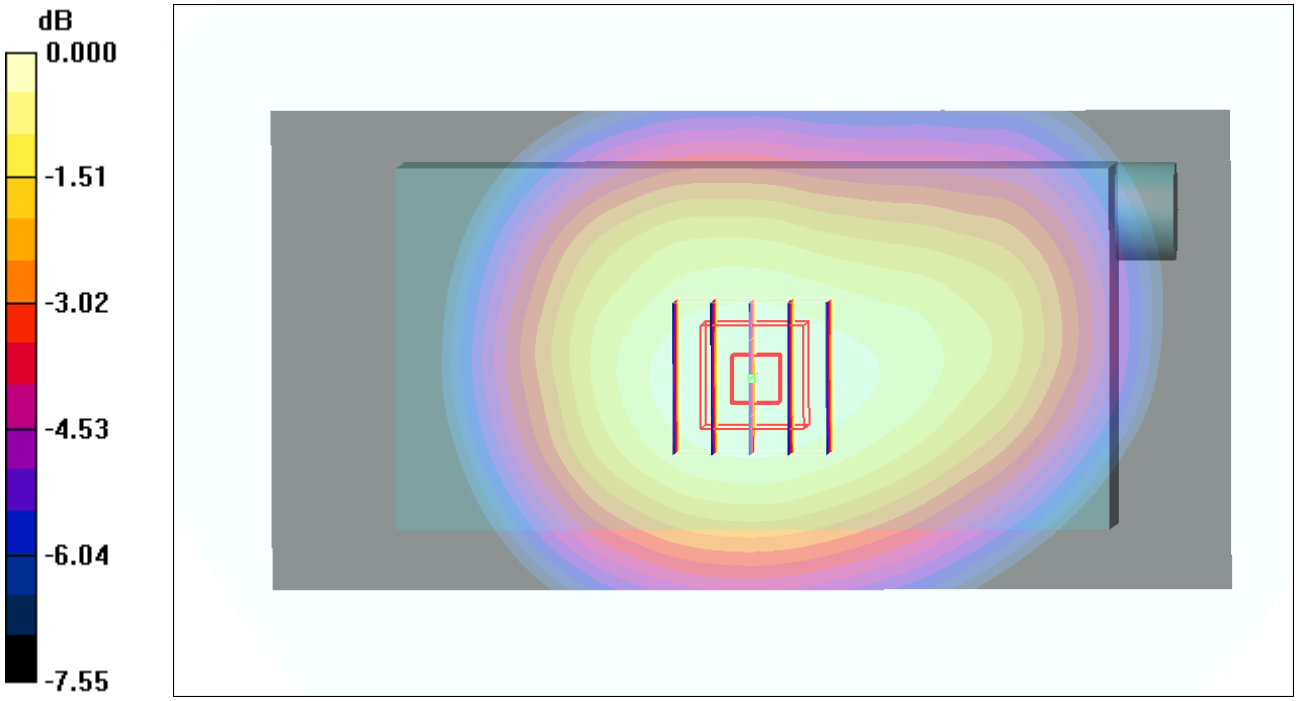
DUT: 221518-01

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_120619 Medium parameters used: f = 847 MHz; σ = 0.973 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.294 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.0 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.344 W/kg
SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.211 mW/g
Maximum value of SAR (measured) = 0.291 mW/g



0 dB = 0.291mW/g

#58 WCDMA V_RMC12.2K_Front_1.5cm_Ch4182_Keypad1_Camera2_Holster3

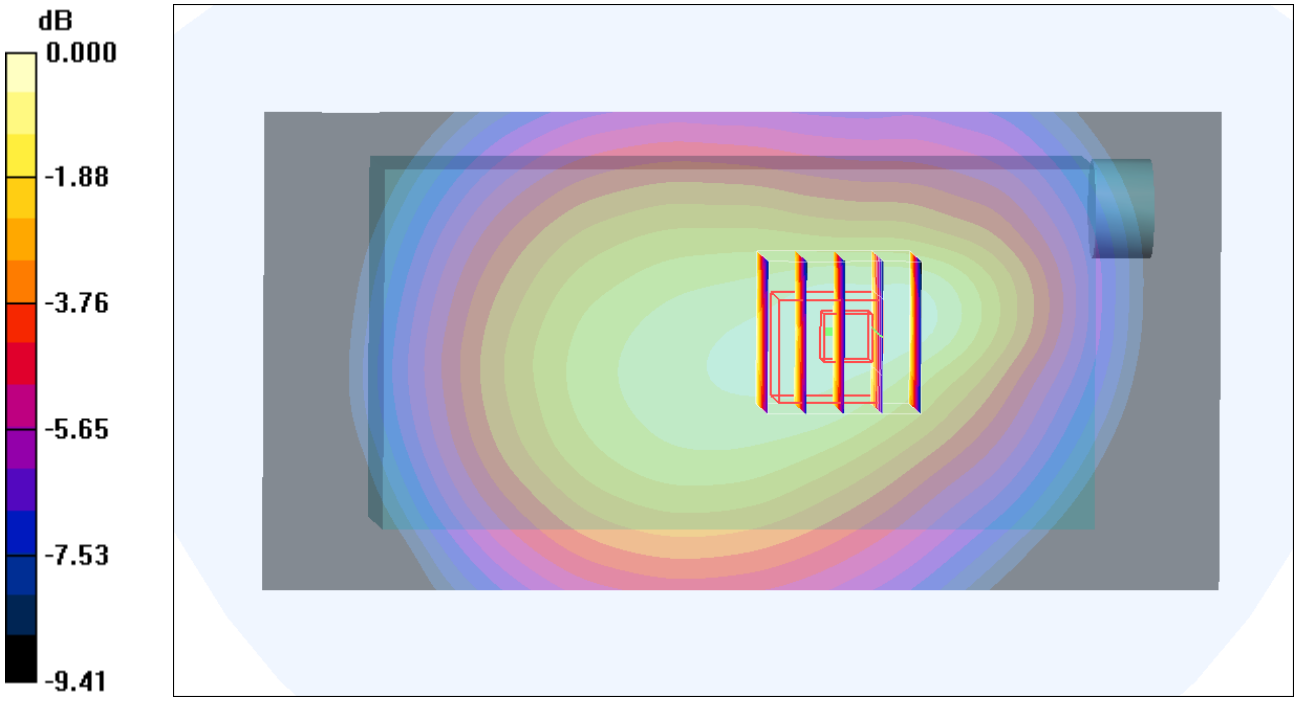
DUT: 221518-01

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_120619 Medium parameters used: f = 836.4 MHz; σ = 0.963 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4182/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.255 mW/g

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.1 V/m; Power Drift = -0.074 dB
Peak SAR (extrapolated) = 0.314 W/kg
SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.174 mW/g
Maximum value of SAR (measured) = 0.253 mW/g



0 dB = 0.253mW/g

#59 WCDMA V_RMC12.2K_Front_1.5cm_Ch4132_Keypad1_Camera2_Holster3

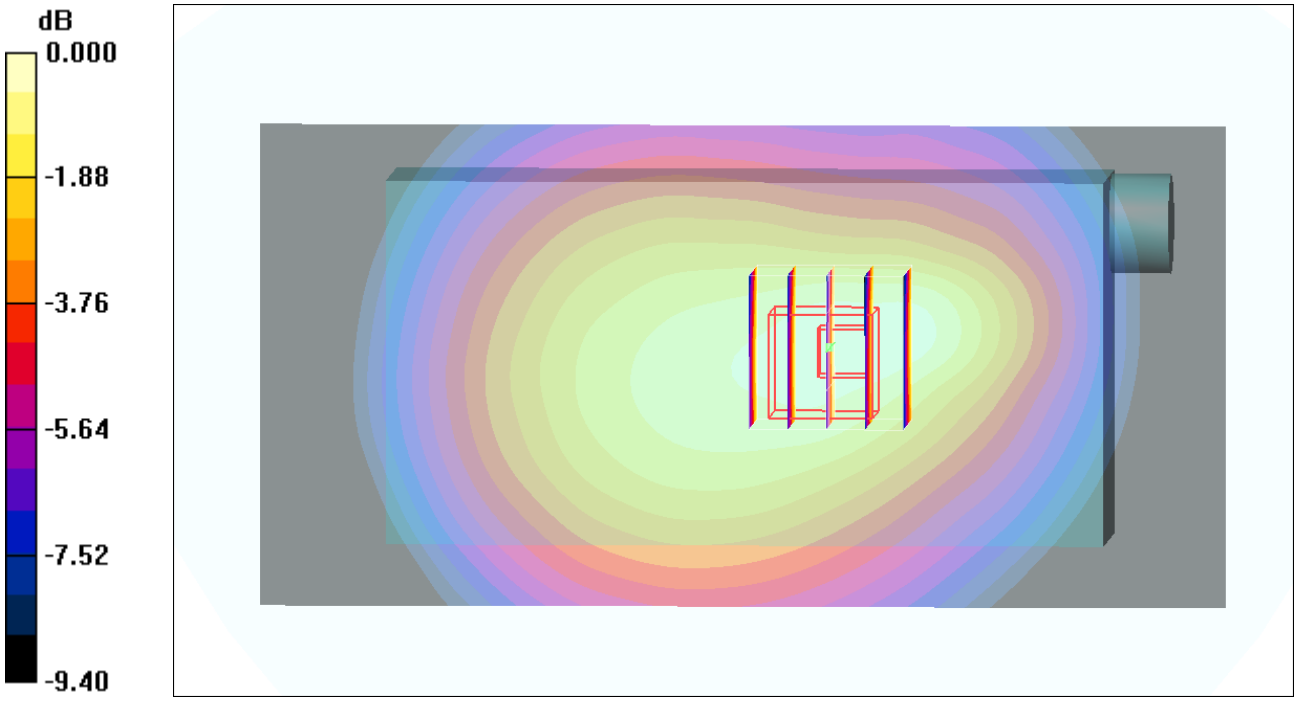
DUT: 221518-01

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_120619 Medium parameters used: f = 826.4 MHz; σ = 0.954 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4132/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.230 mW/g

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.3 V/m; Power Drift = 0.034 dB
Peak SAR (extrapolated) = 0.284 W/kg
SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 0.233 mW/g



0 dB = 0.233mW/g

#60 WCDMA V_RMC12.2K_Front_1.5cm_Ch4233_Keypad1_Camera2_Holster3

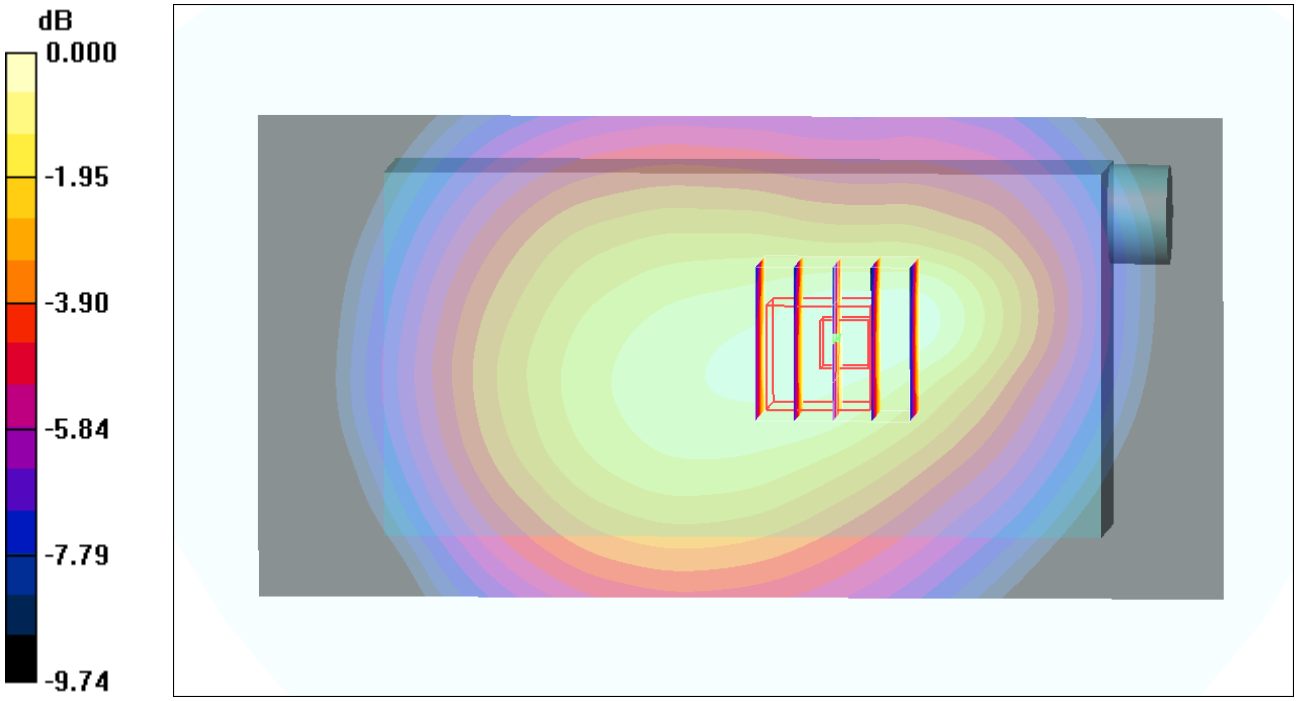
DUT: 221518-01

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_120619 Medium parameters used: f = 847 MHz; σ = 0.973 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch4233/Area Scan (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.238 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.5 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 0.300 W/kg
SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.163 mW/g
Maximum value of SAR (measured) = 0.239 mW/g



0 dB = 0.239mW/g

#70 WCDMA II_RMC12.2K_Front_1.5cm_Ch9400_Keypad1_Camera1

DUT: 221518-01

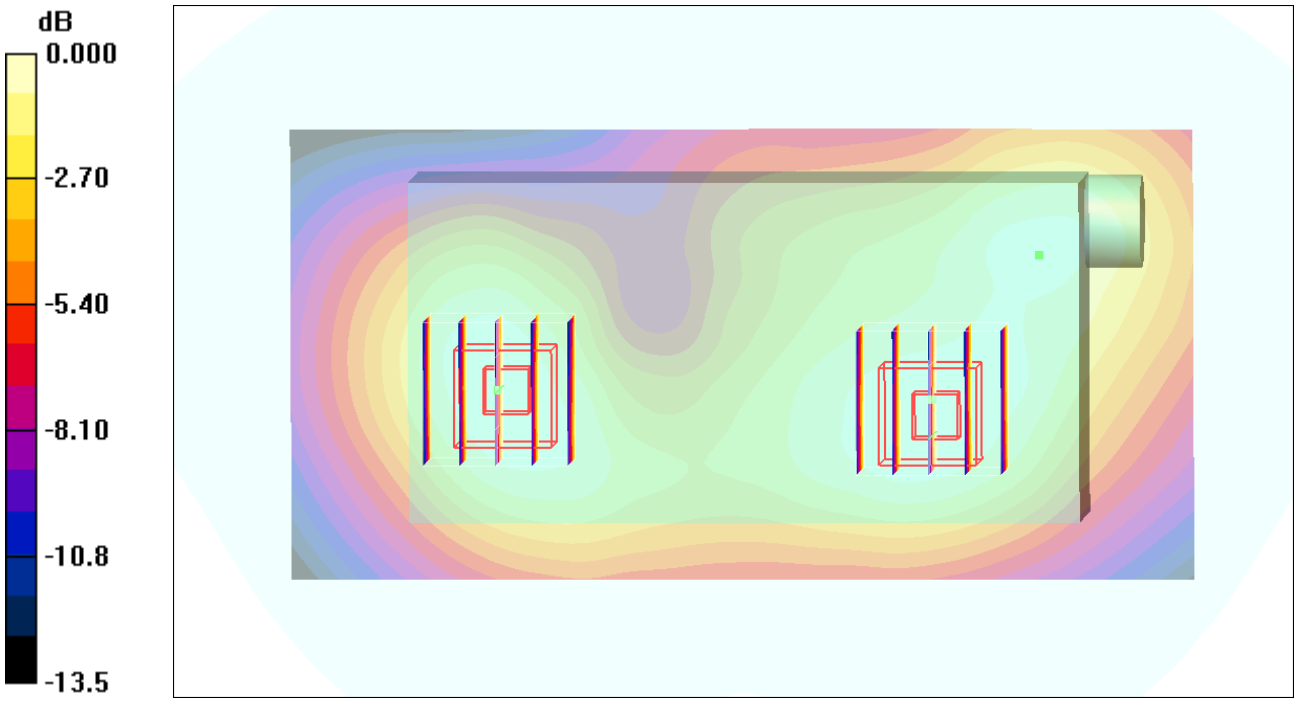
Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120620 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- 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 (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.208 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.45 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 0.279 W/kg
SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.130 mW/g
Maximum value of SAR (measured) = 0.206 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.45 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 0.260 W/kg
SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.126 mW/g



0 dB = 0.206mW/g

#71 WCDMA II_RMC12.2K_Back_1.5cm_Ch9400_Keypad1_Camera1

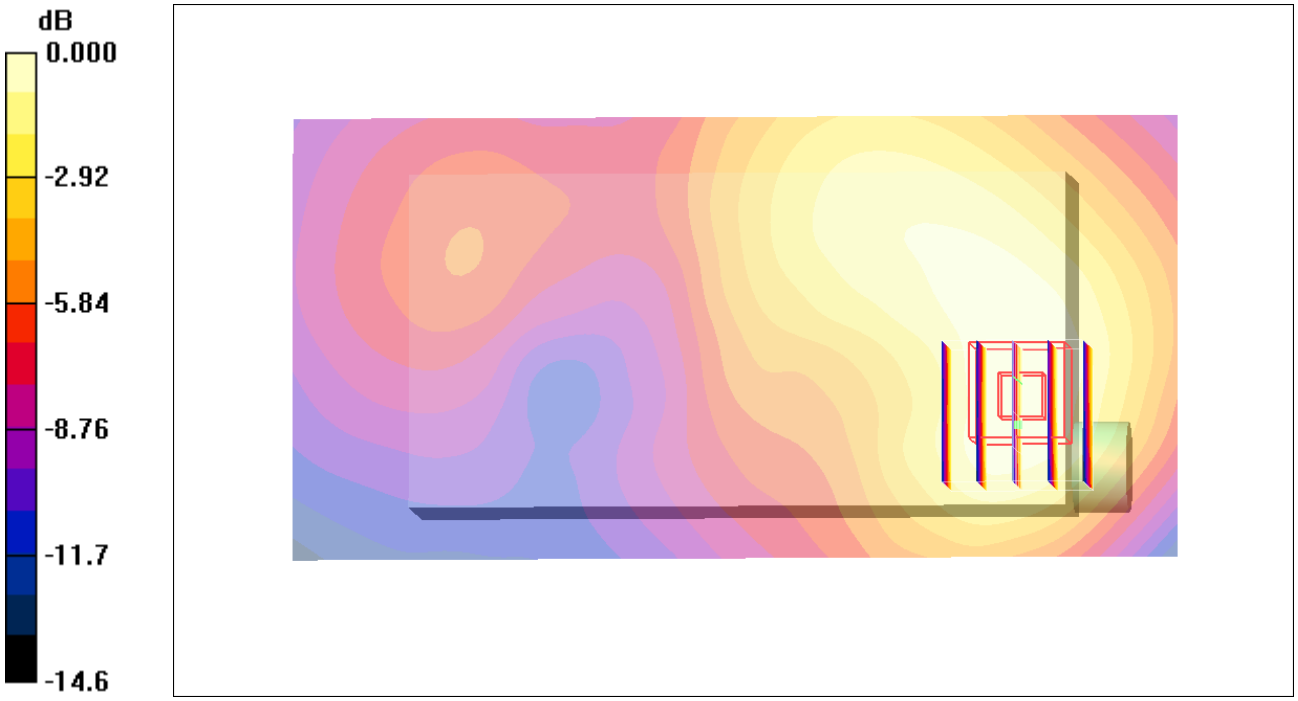
DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120620 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- 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 (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.202 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.18 V/m; Power Drift = 0.043 dB
Peak SAR (extrapolated) = 0.286 W/kg
SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.126 mW/g
Maximum value of SAR (measured) = 0.208 mW/g



0 dB = 0.208mW/g

#72 WCDMA II_RMC12.2K_Front_1.5cm_Ch9400_Keypad2_Camera1

DUT: 221518-01

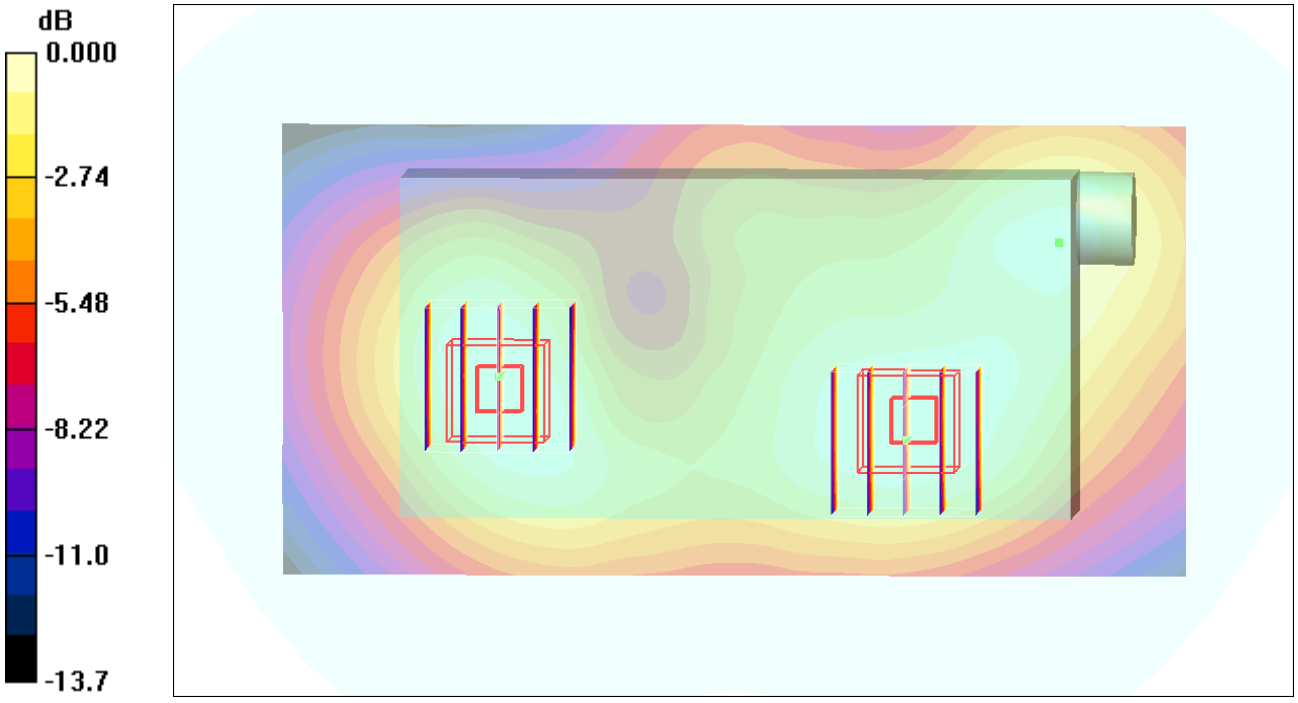
Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120620 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- 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 (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.204 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.43 V/m; Power Drift = -0.060 dB
Peak SAR (extrapolated) = 0.265 W/kg
SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.126 mW/g
Maximum value of SAR (measured) = 0.203 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.43 V/m; Power Drift = -0.060 dB
Peak SAR (extrapolated) = 0.267 W/kg
SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.127 mW/g
Maximum value of SAR (measured) = 0.199 mW/g



0 dB = 0.199mW/g

#73 WCDMA II_RMC12.2K_Front_1.5cm_Ch9400_Keypad3_Camera1

DUT: 221518-01

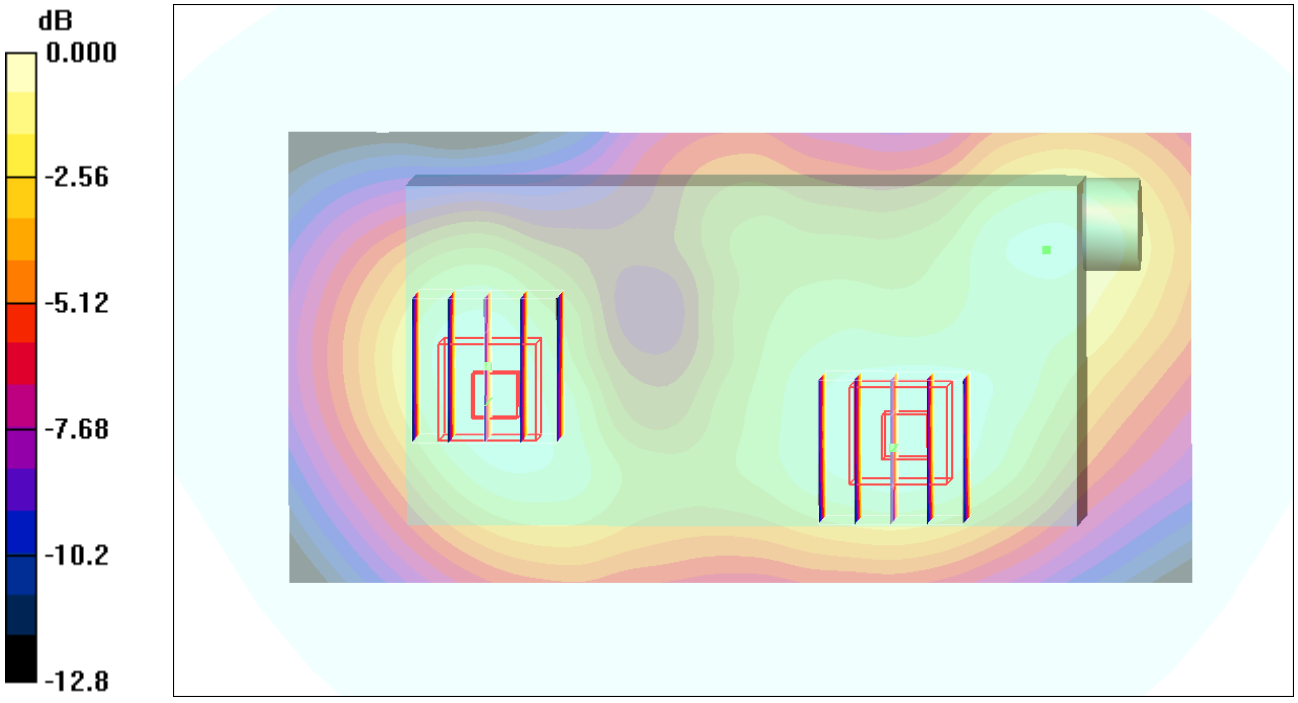
Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120620 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- 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 (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.211 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.90 V/m; Power Drift = -0.084 dB
Peak SAR (extrapolated) = 0.270 W/kg
SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.129 mW/g
Maximum value of SAR (measured) = 0.210 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.90 V/m; Power Drift = -0.084 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.127 mW/g
Maximum value of SAR (measured) = 0.205 mW/g



0 dB = 0.205mW/g

#74 WCDMA II_RMC12.2K_Front_1.5cm_Ch9400_Keypad1_Camera2

DUT: 221518-01

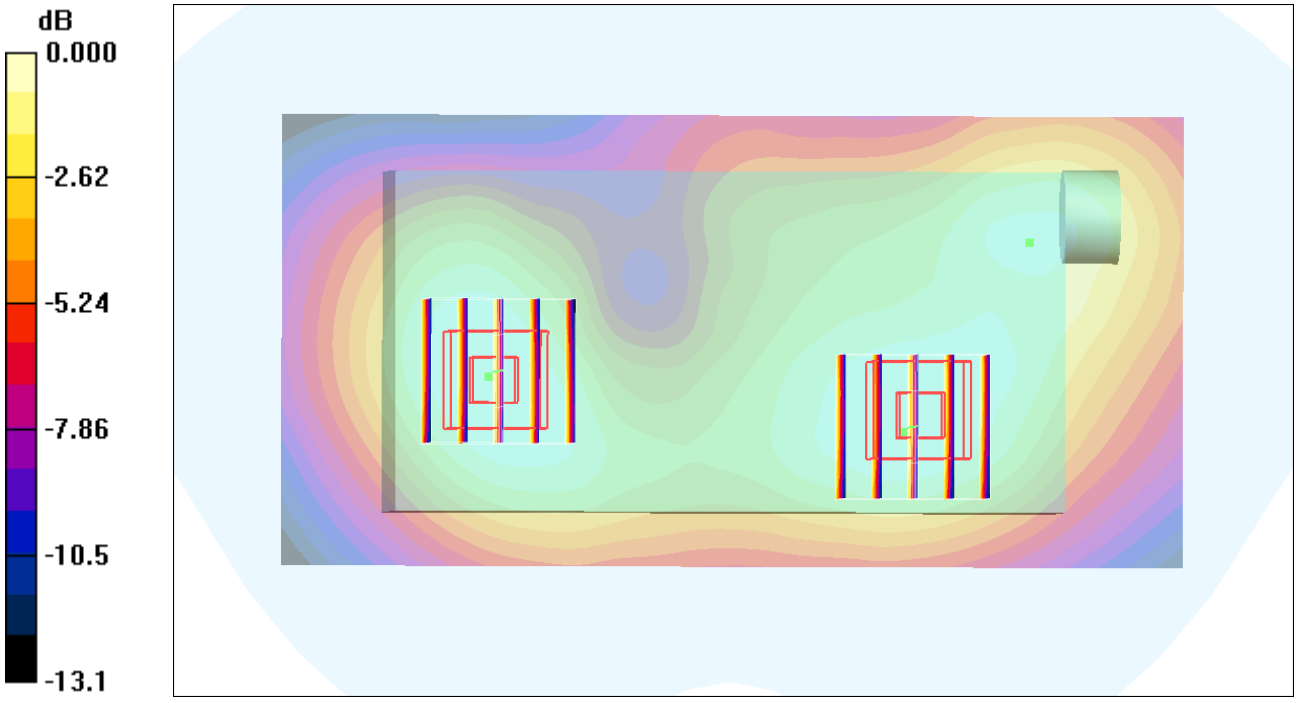
Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120620 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- 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 (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.225 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.61 V/m; Power Drift = 0.125 dB
Peak SAR (extrapolated) = 0.283 W/kg
SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.136 mW/g
Maximum value of SAR (measured) = 0.221 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.61 V/m; Power Drift = 0.125 dB
Peak SAR (extrapolated) = 0.276 W/kg
SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.132 mW/g
Maximum value of SAR (measured) = 0.207 mW/g



0 dB = 0.207mW/g

#83 WCDMA II_RMC12.2K_Front_1.5cm_Ch9262_Keypad1_Camera2

DUT: 221518-01

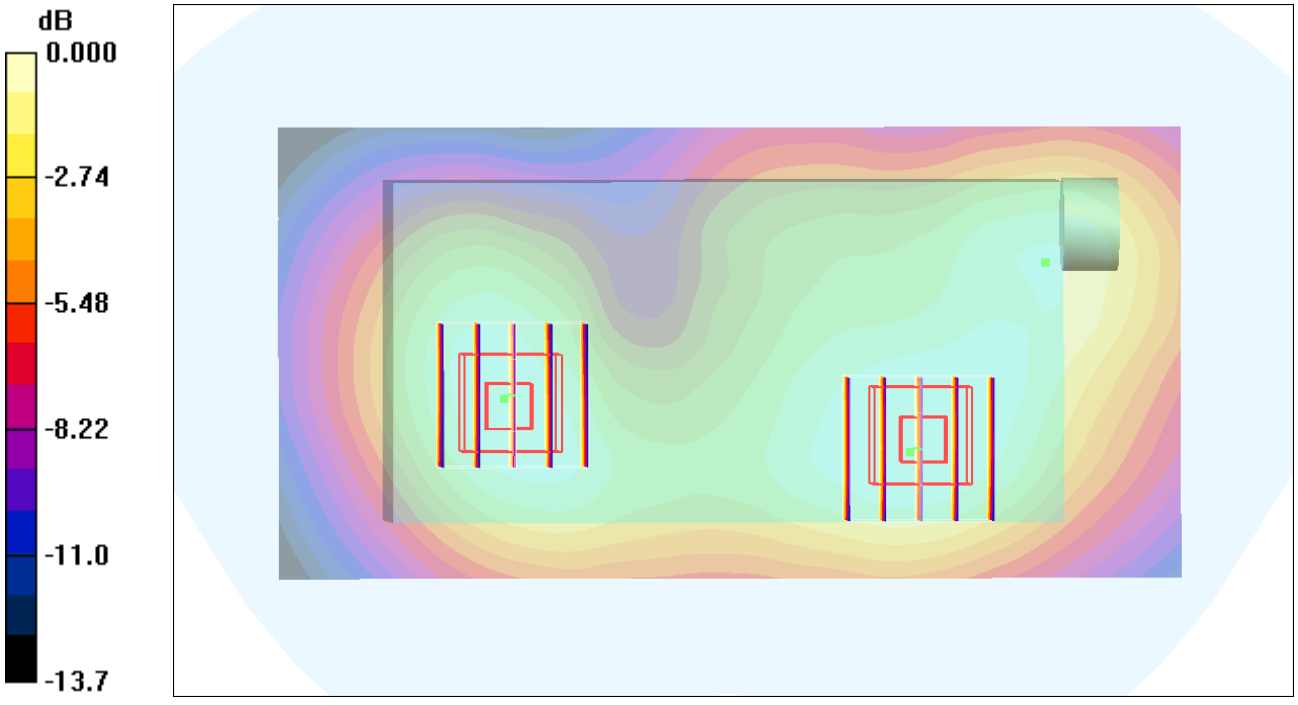
Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120620 Medium parameters used: f = 1852.4 MHz; σ = 1.49 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- 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 (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.210 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.07 V/m; Power Drift = 0.077 dB
Peak SAR (extrapolated) = 0.263 W/kg
SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.128 mW/g
Maximum value of SAR (measured) = 0.201 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.07 V/m; Power Drift = 0.077 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.116 mW/g
Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.189mW/g

#667_WCDMA II_RMC 12.2Kbps_Front_1.5cm_Ch9538;Keypad1_Camera2

DUT: 320416

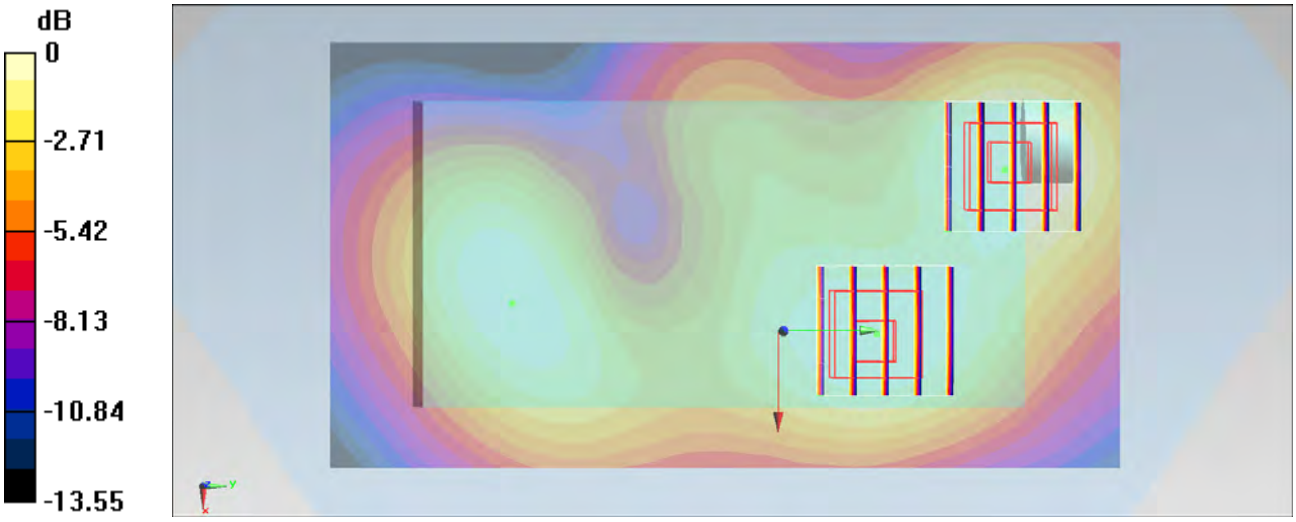
Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130207 Medium parameters used: f = 1908 MHz; σ = 1.514 mho/m; ε_r = 53.679; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch9538/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.201 mW/g

Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.594 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.273 mW/g
SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.201 mW/g

Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.594 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.234 mW/g
SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.175 mW/g



0 dB = 0.175 mW/g = -15.14 dB mW/g

#75 WCDMA II_RMC12.2K_Front_0cm_Ch9400_Keypad1_Camera2_Holster2

DUT: 221518-01

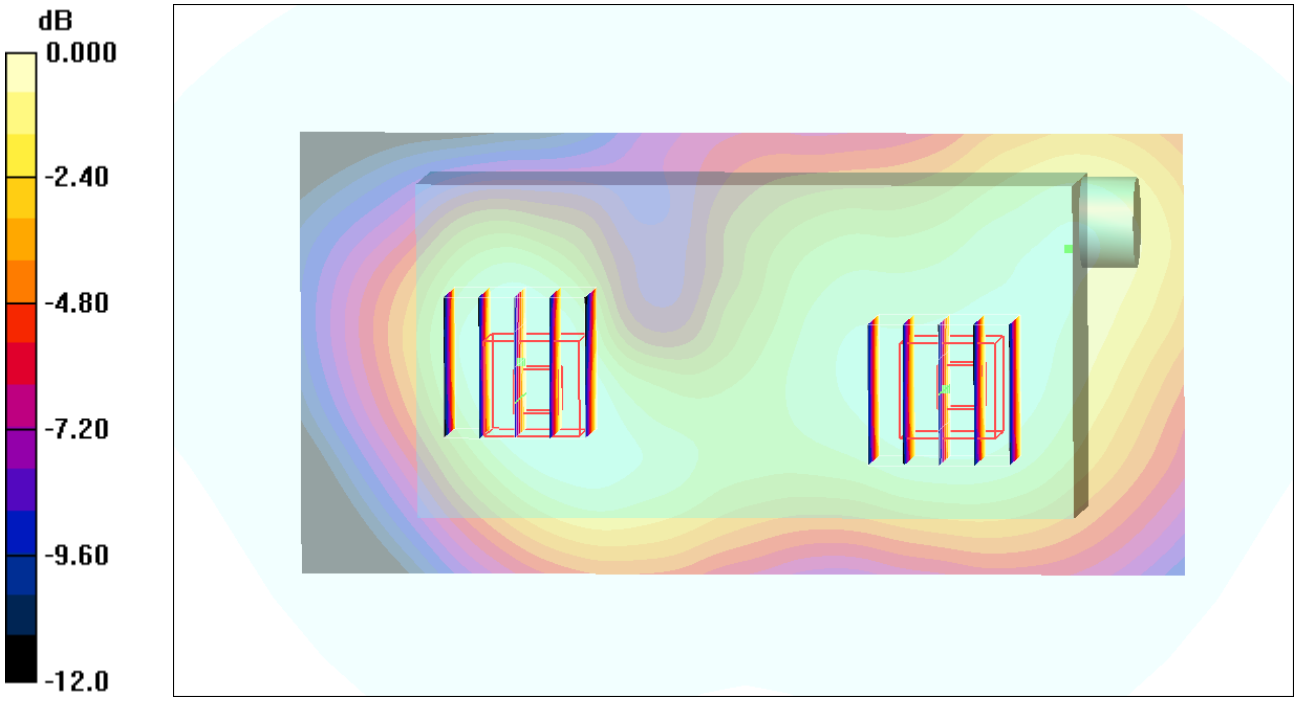
Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120620 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- 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 (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.209 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.39 V/m; Power Drift = -0.175 dB
Peak SAR (extrapolated) = 0.254 W/kg
SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.120 mW/g
Maximum value of SAR (measured) = 0.195 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.39 V/m; Power Drift = -0.175 dB
Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.107 mW/g
Maximum value of SAR (measured) = 0.168 mW/g



0 dB = 0.168mW/g

#85 WCDMA II_RMC12.2K_Front_0cm_Ch9262_Keypad1_Camera2_Holster2

DUT: 221518-01

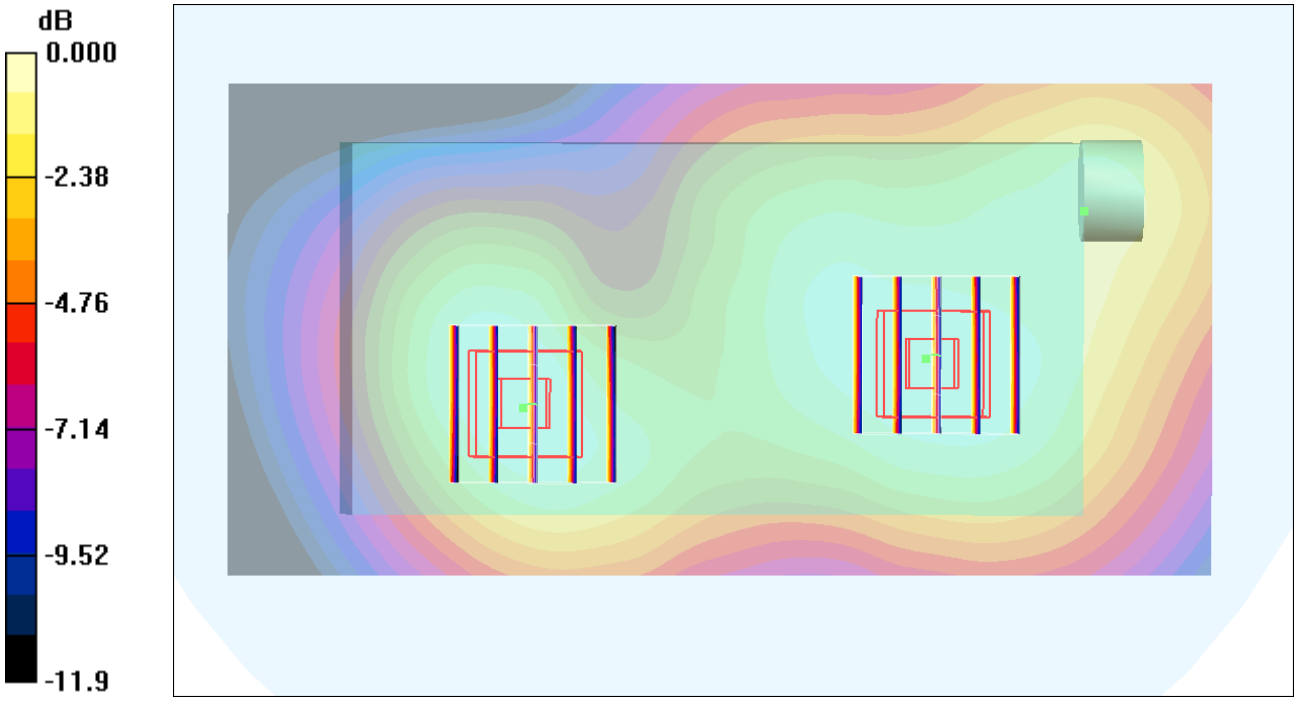
Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120620 Medium parameters used: f = 1852.4 MHz; σ = 1.49 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- 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 (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.156 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.37 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 0.199 W/kg
SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.096 mW/g
Maximum value of SAR (measured) = 0.156 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.37 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 0.195 W/kg
SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.099 mW/g
Maximum value of SAR (measured) = 0.153 mW/g



0 dB = 0.153mW/g

#86 WCDMA II_RMC12.2K_Front_0cm_Ch9538_Keypad1_Camera2_Holster2

DUT: 221518-01

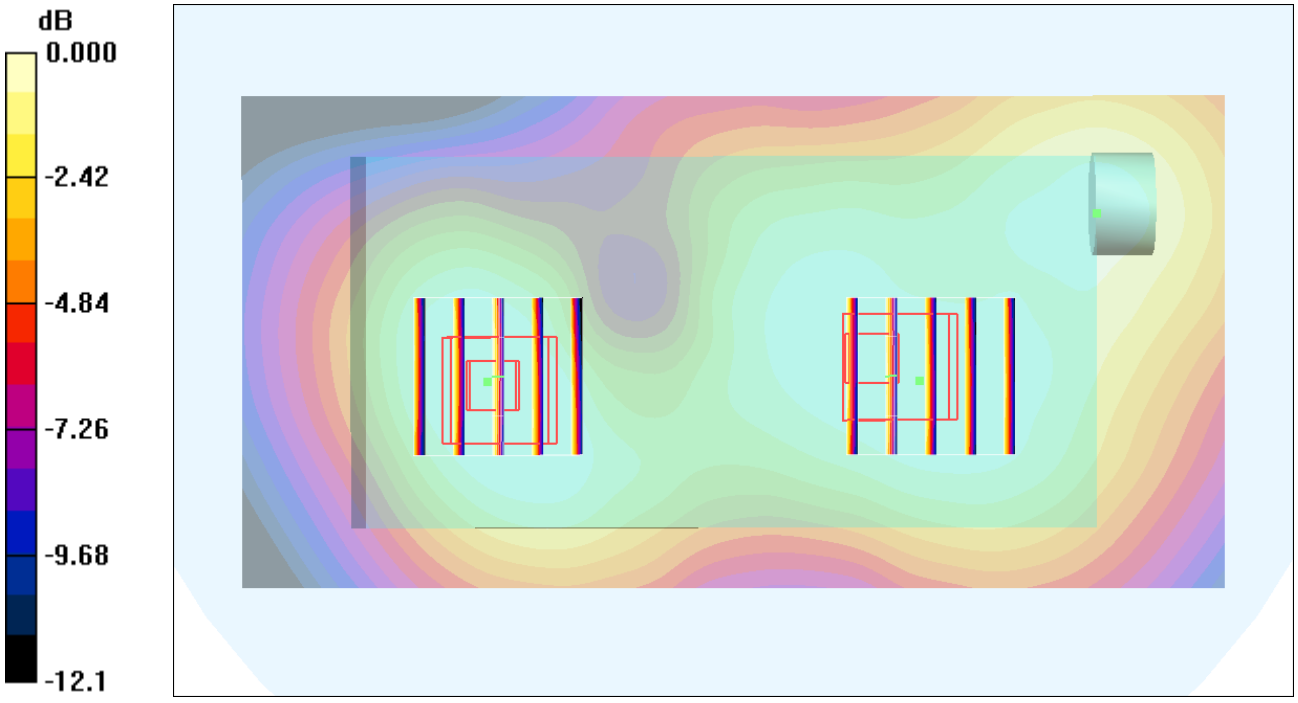
Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120620 Medium parameters used: f = 1908 MHz; σ = 1.54 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- 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 (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.193 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.33 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.115 mW/g
Maximum value of SAR (measured) = 0.187 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.33 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.215 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.160 mW/g



0 dB = 0.160mW/g

#76 WCDMA II_RMC12.2K_Front_0cm_Ch9400_Keypad1_Camera2_Holster3

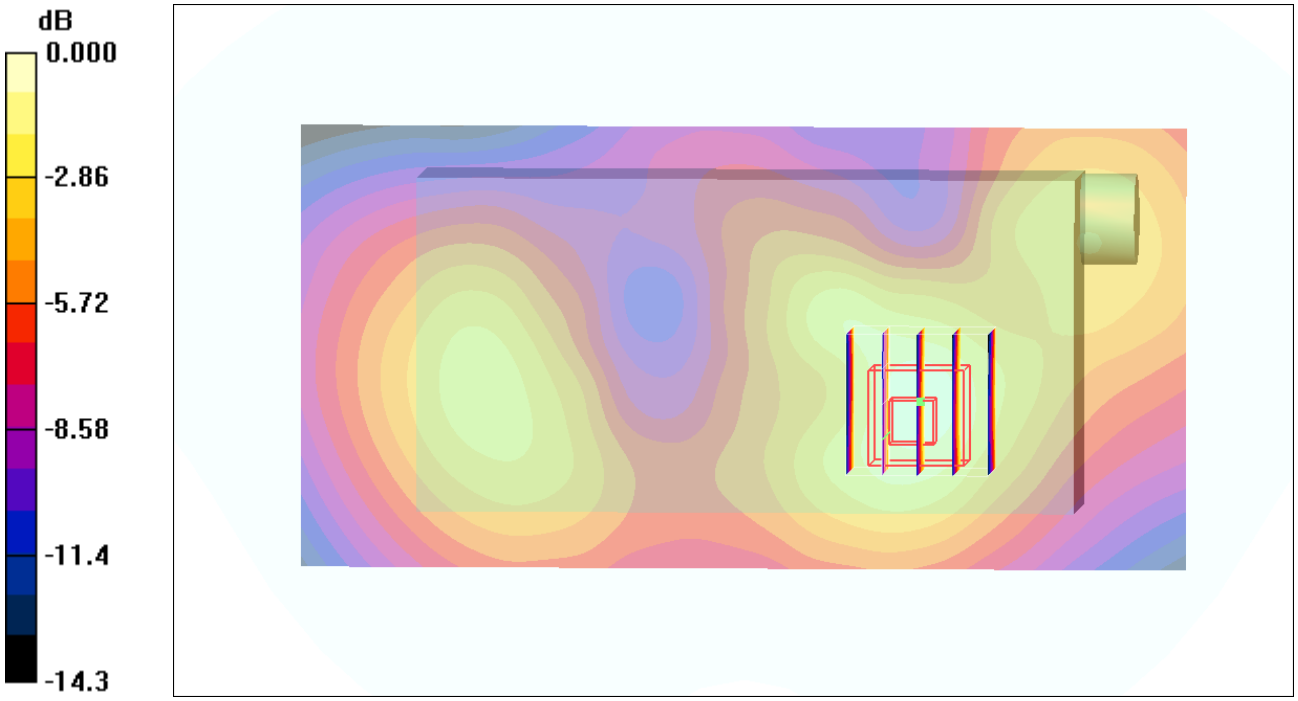
DUT: 221518-01

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120620 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- 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 (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.189 mW/g

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.23 V/m; Power Drift = 0.103 dB
Peak SAR (extrapolated) = 0.271 W/kg
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.114 mW/g
Maximum value of SAR (measured) = 0.196 mW/g



0 dB = 0.196mW/g

#87 WCDMA II_RMC12.2K_Front_0cm_Ch9262_Keypad1_Camera2_Holster3

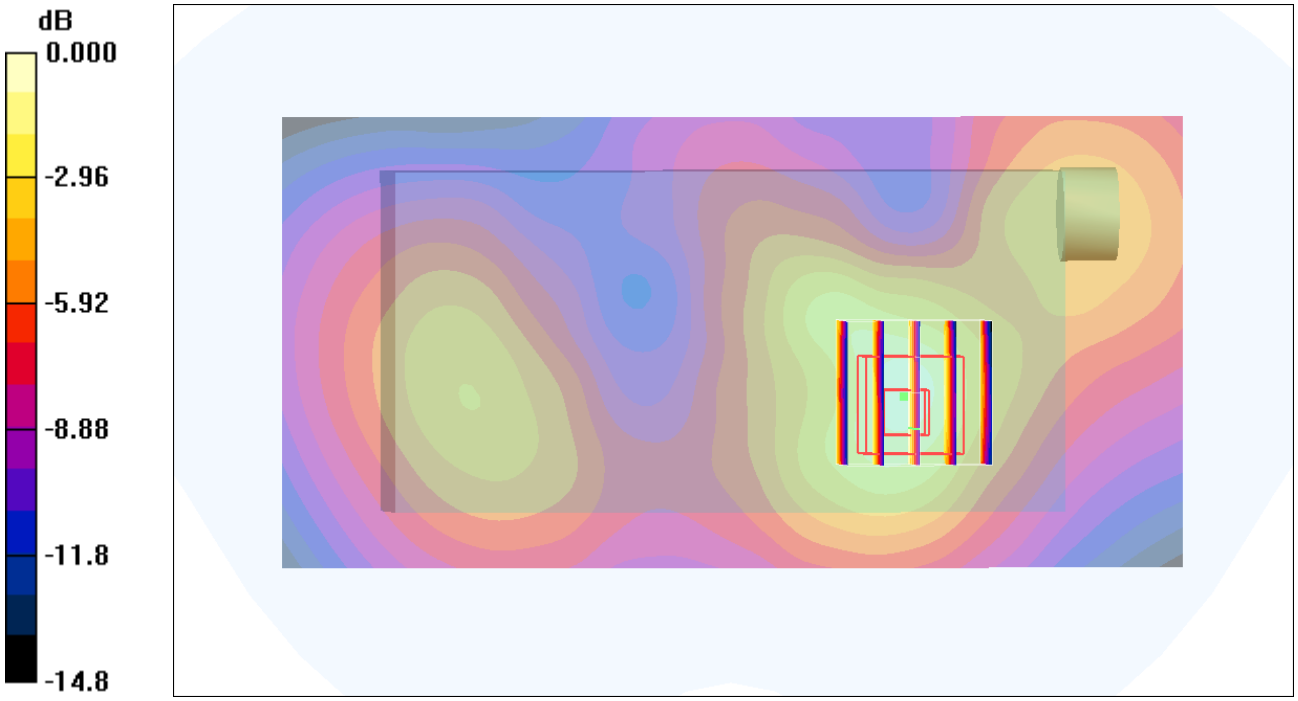
DUT: 221518-01

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120620 Medium parameters used: f = 1852.4 MHz; σ = 1.49 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- 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 (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.192 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.17 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 0.285 W/kg
SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.120 mW/g
Maximum value of SAR (measured) = 0.210 mW/g



0 dB = 0.210mW/g

#88 WCDMA II_RMC12.2K_Front_0cm_Ch9538_Keypad1_Camera2_Holster3

DUT: 221518-01

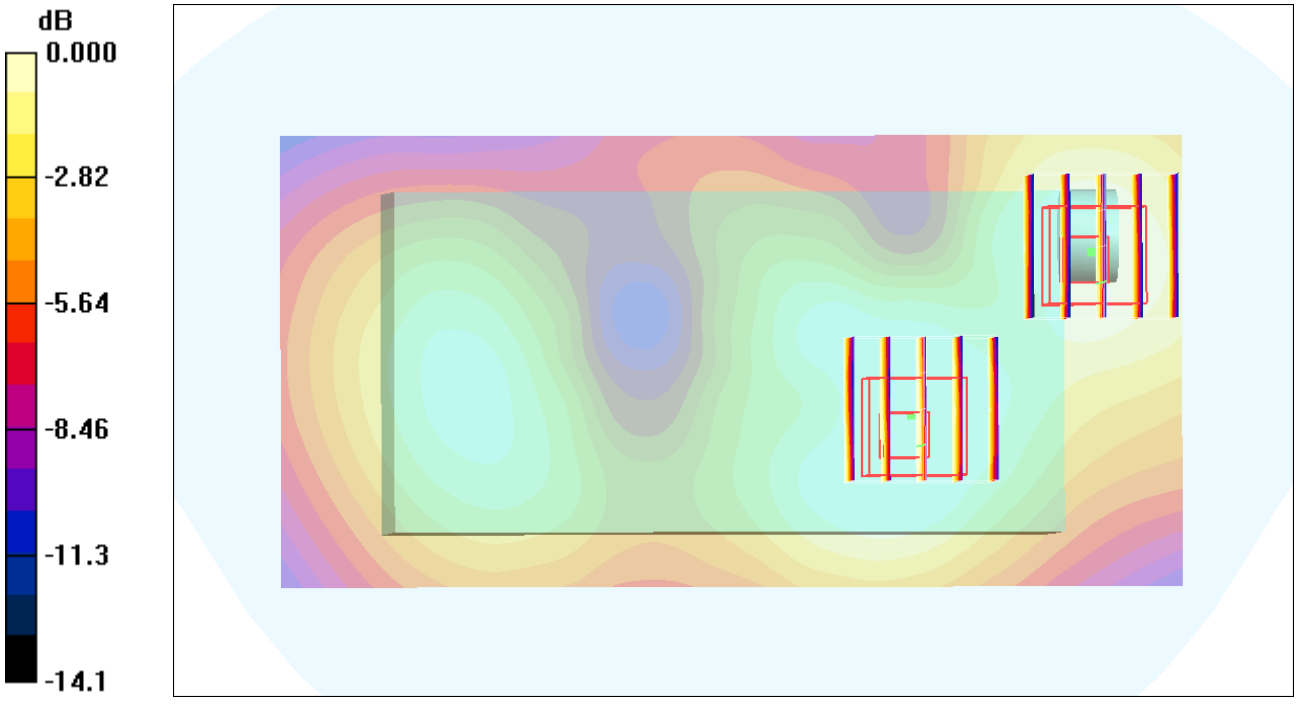
Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_120620 Medium parameters used: f = 1908 MHz; σ = 1.54 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012-05-29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn913; Calibrated: 2011-12-23
- 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 (51x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.187 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.33 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 0.279 W/kg
SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.114 mW/g
Maximum value of SAR (measured) = 0.195 mW/g

Ch9538/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.33 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 0.154 W/kg
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.119 mW/g



0 dB = 0.119mW/g

#668_CDMA BC0_1xRTT RC3 SO32_Front_1.5cm_Ch384;Keypad1_Camera2

DUT: 320416

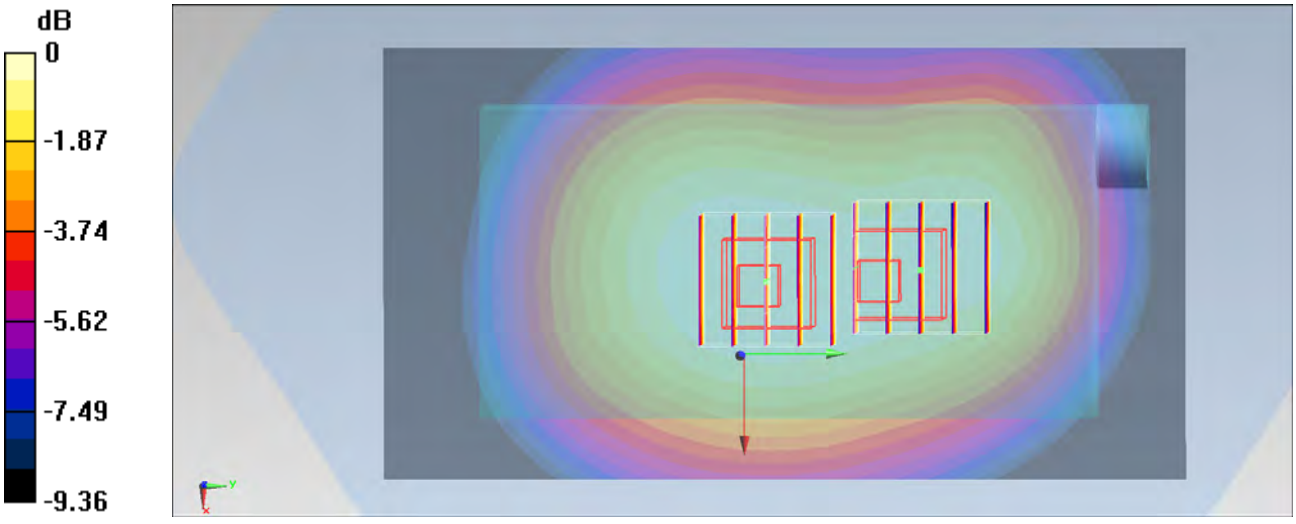
Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_850_130206 Medium parameters used: f = 837 MHz; σ = 0.96 mho/m; ε_r = 53.004; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch384/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.429 mW/g

Configuration/Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.838 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.490 mW/g
SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.295 mW/g
Maximum value of SAR (measured) = 0.425 mW/g

Configuration/Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.838 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.477 mW/g
SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.280 mW/g
Maximum value of SAR (measured) = 0.409 mW/g



0 dB = 0.409 mW/g = -7.77 dB mW/g

#669_CDMA BC0_1xRTT RC3 SO32_Back_1.5cm_Ch384;Keypad1_Camera2

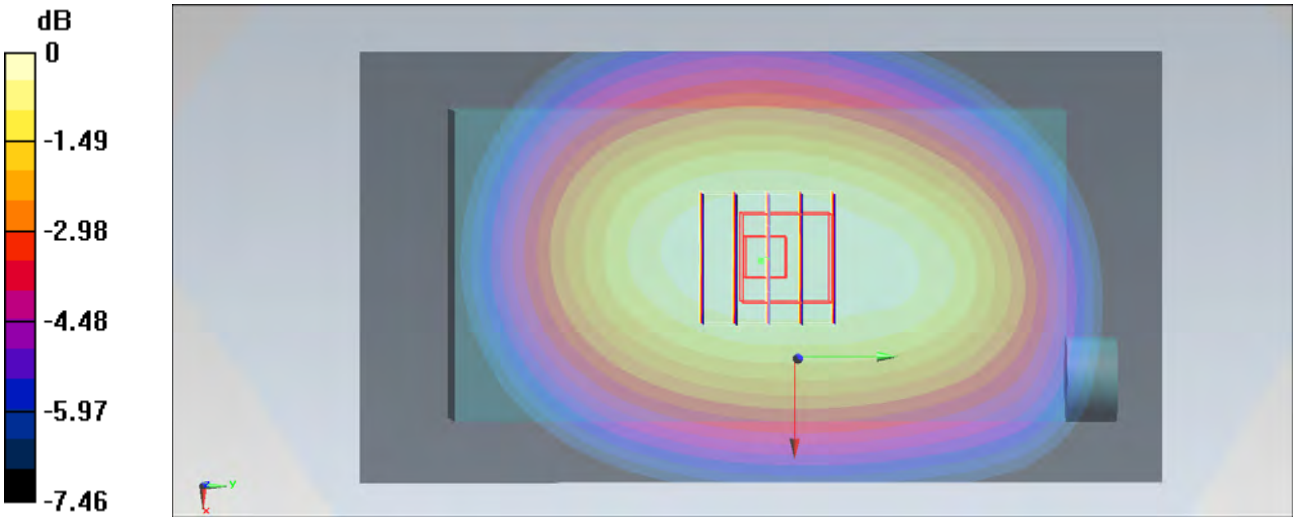
DUT: 320416

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_850_130206 Medium parameters used: f = 837 MHz; σ = 0.96 mho/m; ε_r = 53.004; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch384/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.324 mW/g

Configuration/Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.857 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.373 mW/g
SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.222 mW/g
Maximum value of SAR (measured) = 0.321 mW/g



0 dB = 0.321 mW/g = -9.87 dB mW/g

#670_CDMA BC0_1xRTT RC3 SO32_Front_0cm_Ch384;Keypad1_Camera2_Holster2

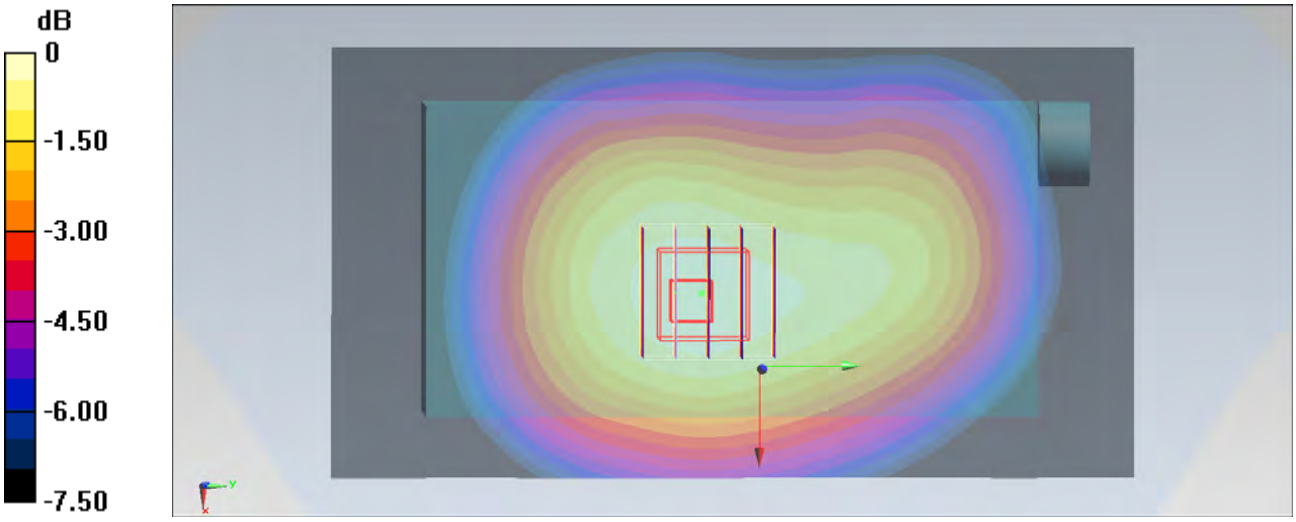
DUT: 320416

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_850_130206 Medium parameters used: f = 837 MHz; σ = 0.96 mho/m; ε_r = 53.004; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch384/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.403 mW/g

Configuration/Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.158 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.476 mW/g
SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.283 mW/g
Maximum value of SAR (measured) = 0.414 mW/g



0 dB = 0.414 mW/g = -7.66 dB mW/g

#671_CDMA BC0_1xRTT RC3 SO32_Front_0cm_Ch384;Keypad1_Camera2_Holster3

DUT: 320416

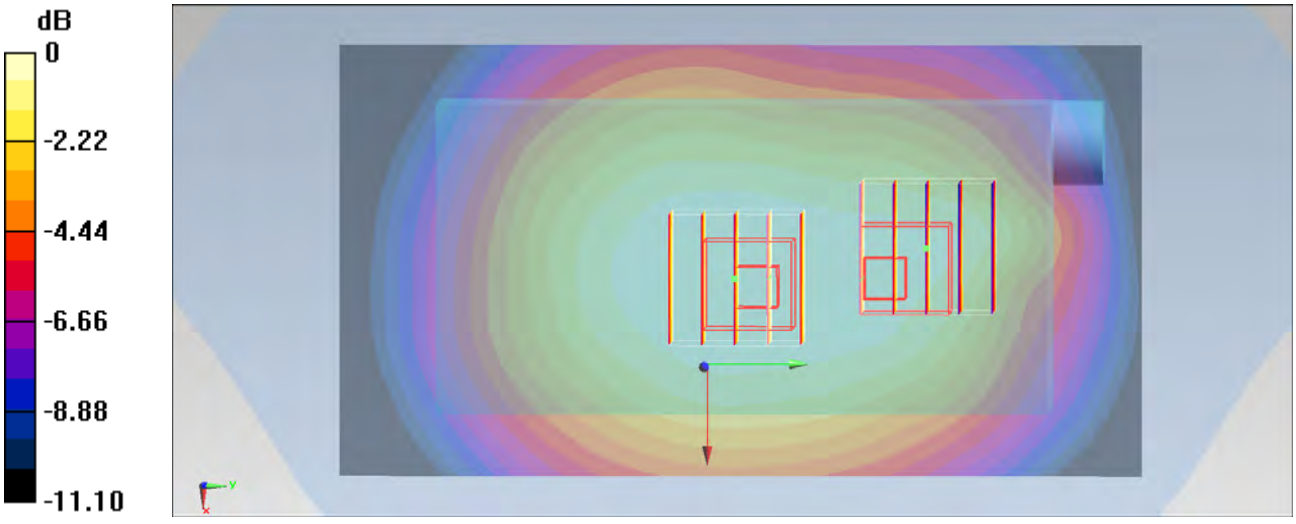
Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium: MSL_850_130206 Medium parameters used: f = 837 MHz; σ = 0.96 mho/m; ε_r = 53.004; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(6.16, 6.16, 6.16); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch384/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.280 mW/g

Configuration/Ch384/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.354 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.326 mW/g
SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.190 mW/g
Maximum value of SAR (measured) = 0.275 mW/g

Configuration/Ch384/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.354 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.305 mW/g
SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.163 mW/g
Maximum value of SAR (measured) = 0.259 mW/g



0 dB = 0.259 mW/g = -11.73 dB mW/g

#672_CDMA BC1_1xRTT RC3 SO32_Front_1.5cm_Ch1175;Keypad1_Camera2

DUT: 320416

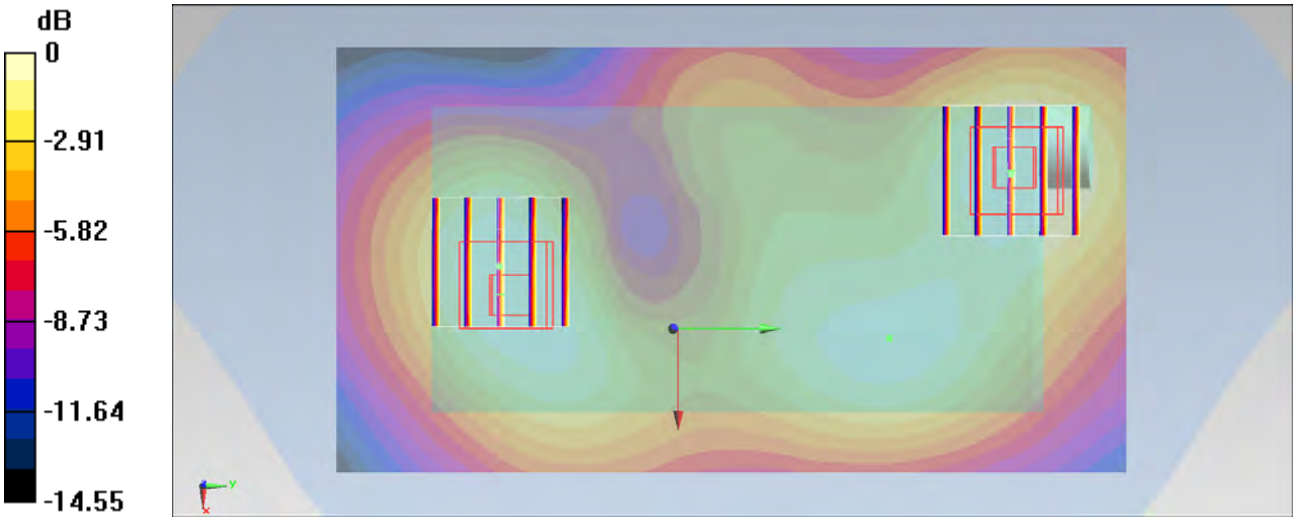
Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130207 Medium parameters used: f = 1909 MHz; σ = 1.516 mho/m; ε_r = 53.683; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1175/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.211 mW/g

Configuration/Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.074 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.286 mW/g
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.108 mW/g
Maximum value of SAR (measured) = 0.212 mW/g

Configuration/Ch1175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.074 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.268 mW/g
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.205 mW/g



0 dB = 0.205 mW/g = -13.76 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/2/7

#673_CDMA BC1_1xRTT RC3 SO32_Back_1.5cm_Ch1175;Keypad1_Camera2

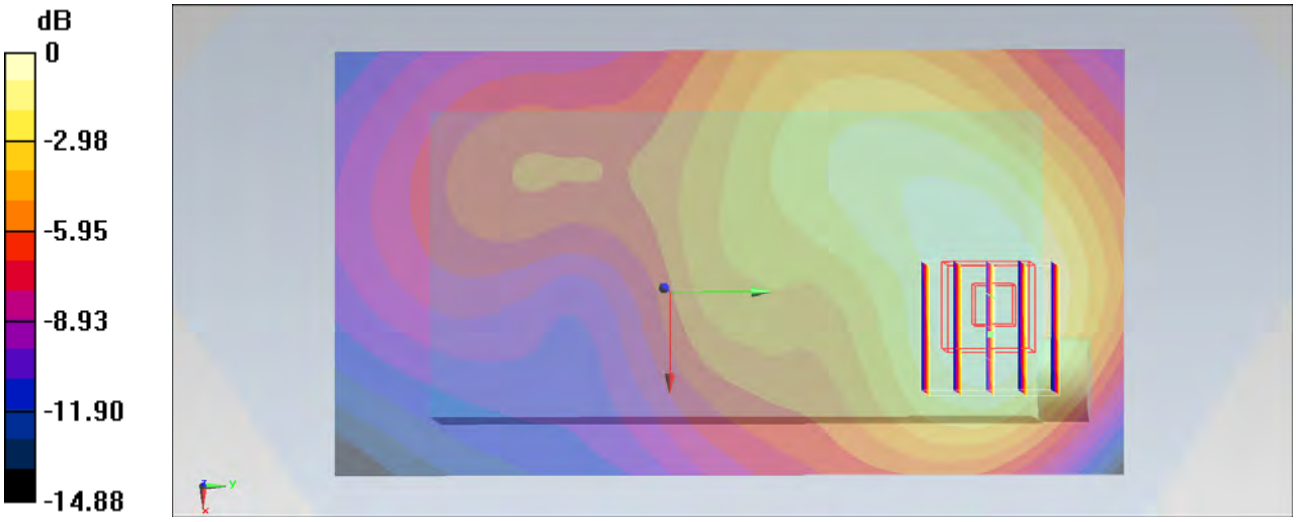
DUT: 320416

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130207 Medium parameters used: f = 1909 MHz; σ = 1.516 mho/m; ε_r = 53.683; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1175/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.256 mW/g

Configuration/Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.228 V/m; Power Drift = -0.120 dB
Peak SAR (extrapolated) = 0.326 mW/g
SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.129 mW/g
Maximum value of SAR (measured) = 0.241 mW/g



0 dB = 0.241 mW/g = -12.36 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/2/7

#674_CDMA BC1_1xRTT RC3 SO32_Front_0cm_Ch1175;Keypad1_Camera2_Holster2

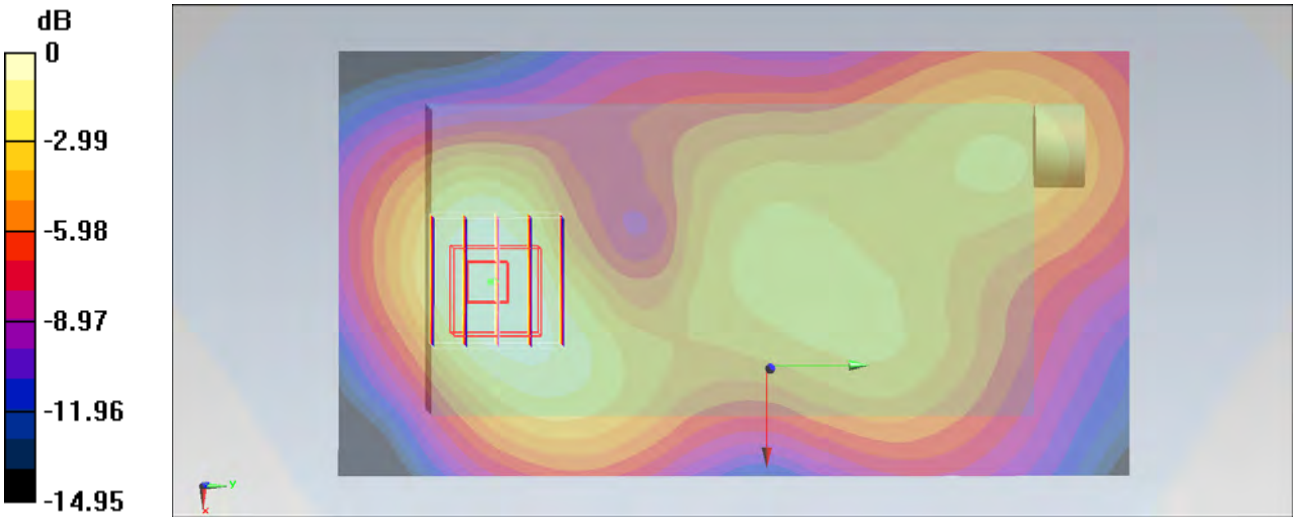
DUT: 320416

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130207 Medium parameters used: f = 1909 MHz; σ = 1.516 mho/m; ε_r = 53.683; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1175/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.128 mW/g

Configuration/Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.378 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.162 mW/g
SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.067 mW/g
Maximum value of SAR (measured) = 0.123 mW/g



0 dB = 0.123 mW/g = -18.20 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/2/7

#675_CDMA BC1_1xRTT RC3 SO32_Front_1.5cm_Ch1175;Keypad1_Camera2_Holster3

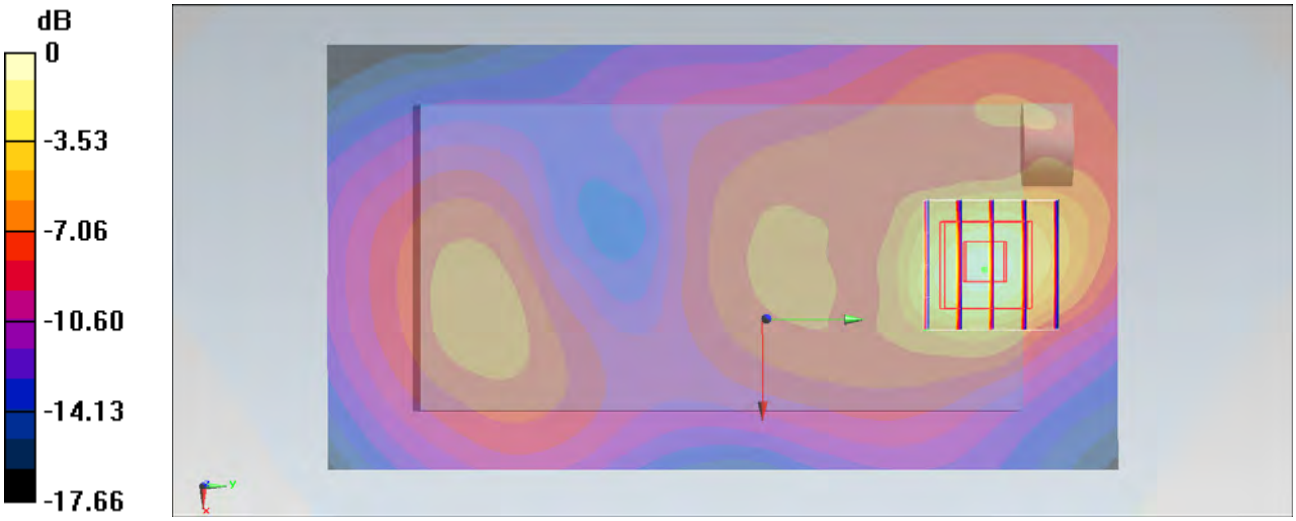
DUT: 320416

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130207 Medium parameters used: f = 1909 MHz; σ = 1.516 mho/m; ε_r = 53.683; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.67, 4.67, 4.67); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1175/Area Scan (71x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.174 mW/g

Configuration/Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.659 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.255 mW/g
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.195 mW/g



0 dB = 0.195 mW/g = -14.20 dB mW/g

#144 WLAN2.4G_802.11b_Front_1.5cm_Ch11_Keypad1_Camera1

DUT: 221518-01

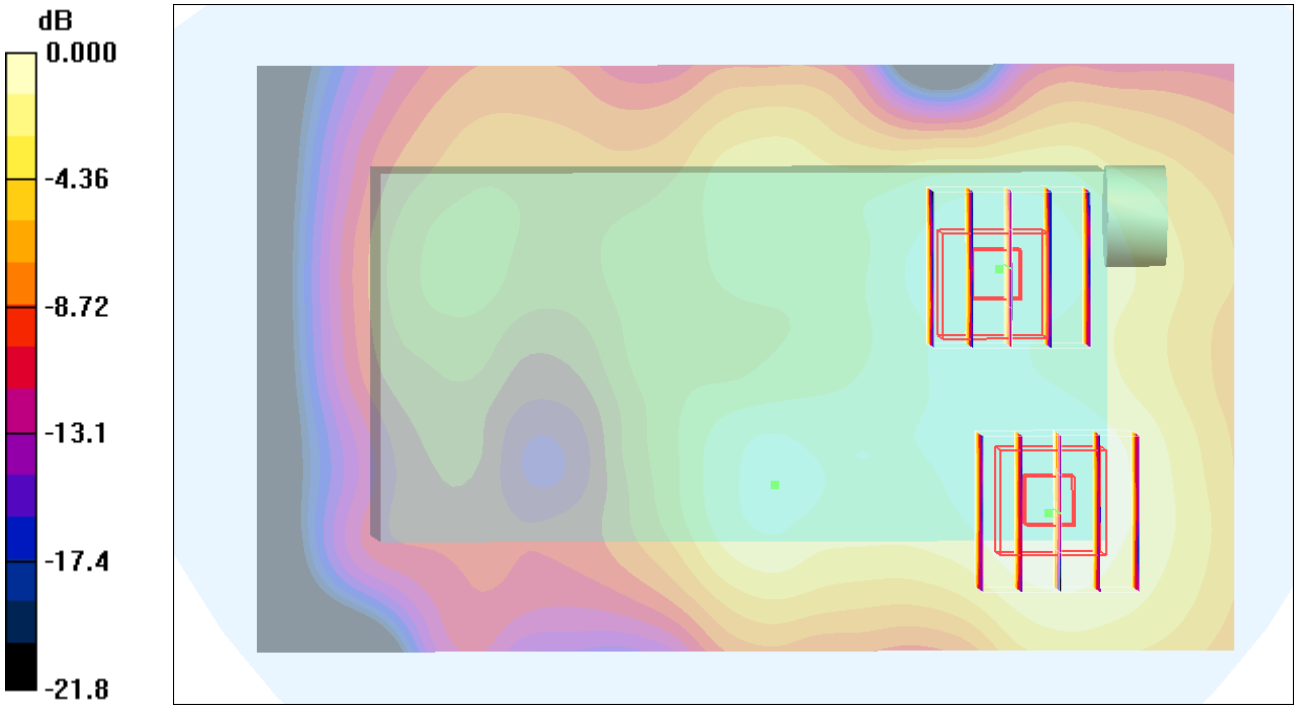
Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120628 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.063 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.12 V/m; Power Drift = 0.111 dB
Peak SAR (extrapolated) = 0.110 W/kg
SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.067 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.12 V/m; Power Drift = 0.111 dB
Peak SAR (extrapolated) = 0.100 W/kg
SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.059 mW/g



0 dB = 0.059mW/g

#145 WLAN2.4G_802.11b_Back_1.5cm_Ch11_Keypad1_Camera1

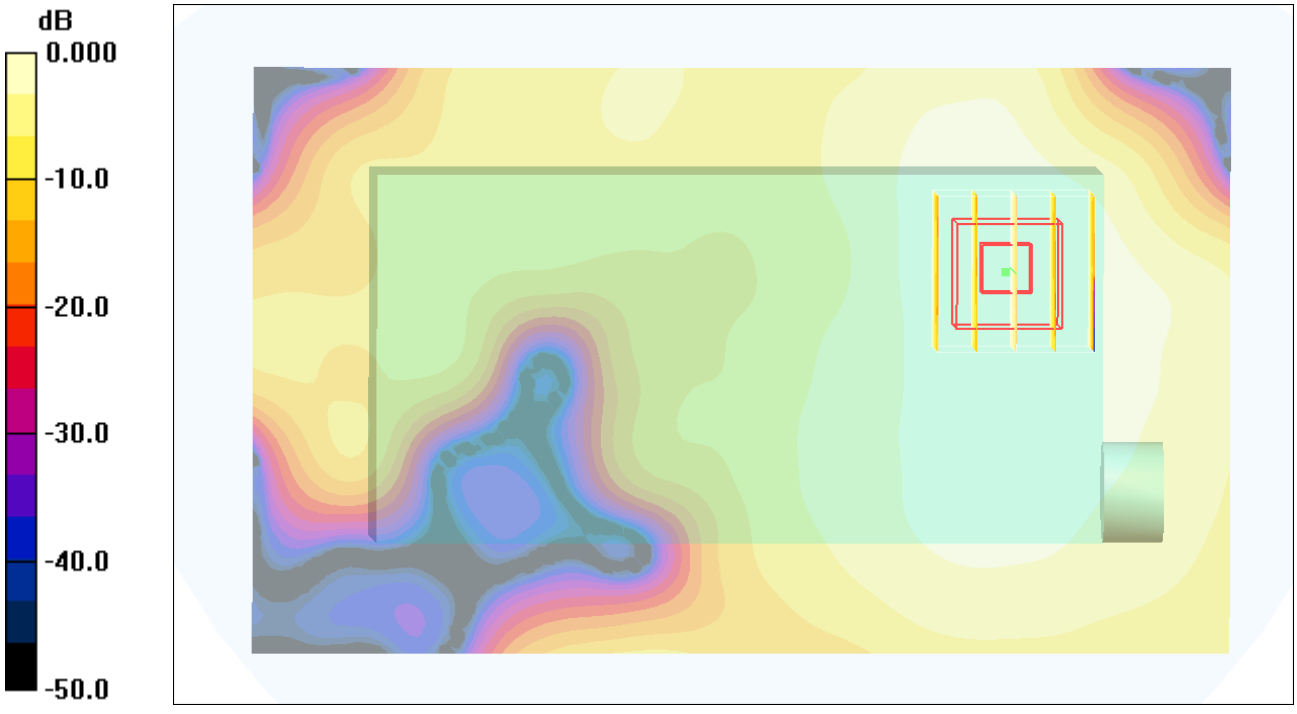
DUT: 221518-01

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120628 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.049 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.56 V/m; Power Drift = 0.119 dB
Peak SAR (extrapolated) = 0.081 W/kg
SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.047 mW/g



0 dB = 0.047mW/g

#146 WLAN2.4G_802.11b_Front_1.5cm_Ch11_Keypad2_Camera1

DUT: 221518-01

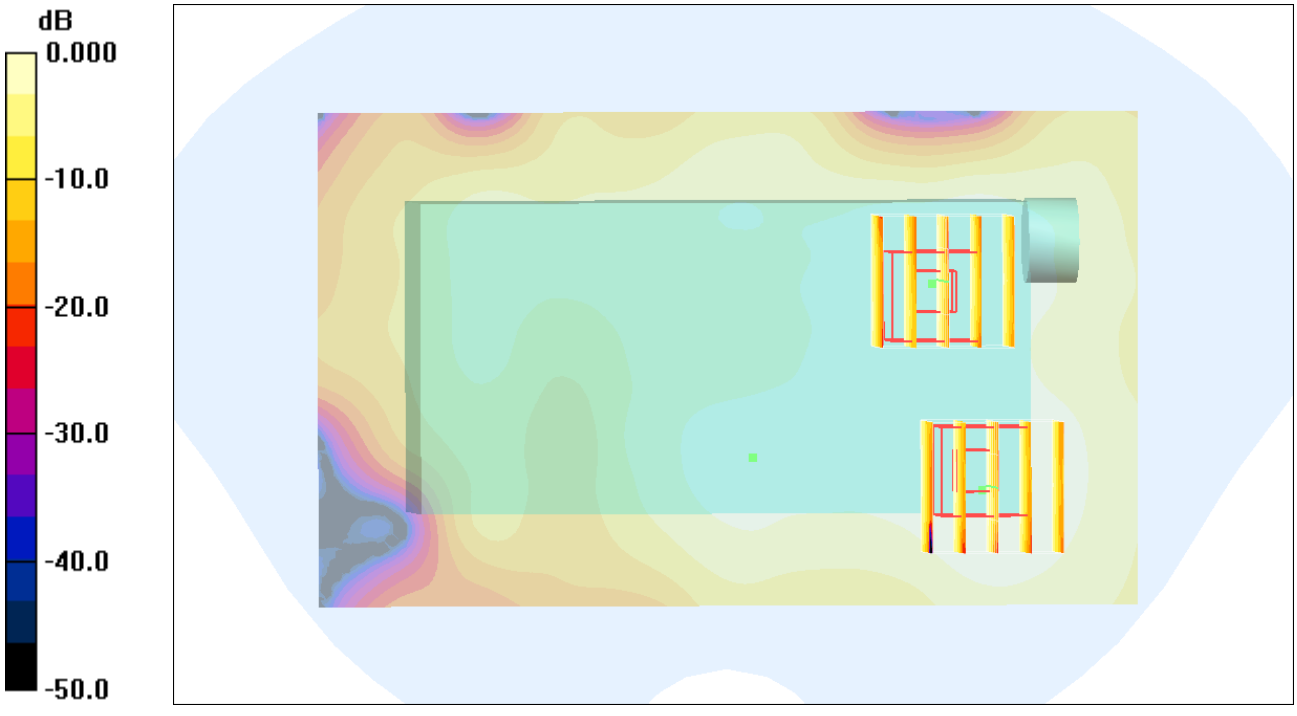
Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120628 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.059 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.26 V/m; Power Drift = -0.175 dB
Peak SAR (extrapolated) = 0.100 W/kg
SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.059 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.26 V/m; Power Drift = -0.175 dB
Peak SAR (extrapolated) = 0.109 W/kg
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.062 mW/g



0 dB = 0.062mW/g

#147 WLAN2.4G_802.11b_Front_1.5cm_Ch11_Keypad3_Camera1

DUT: 221518-01

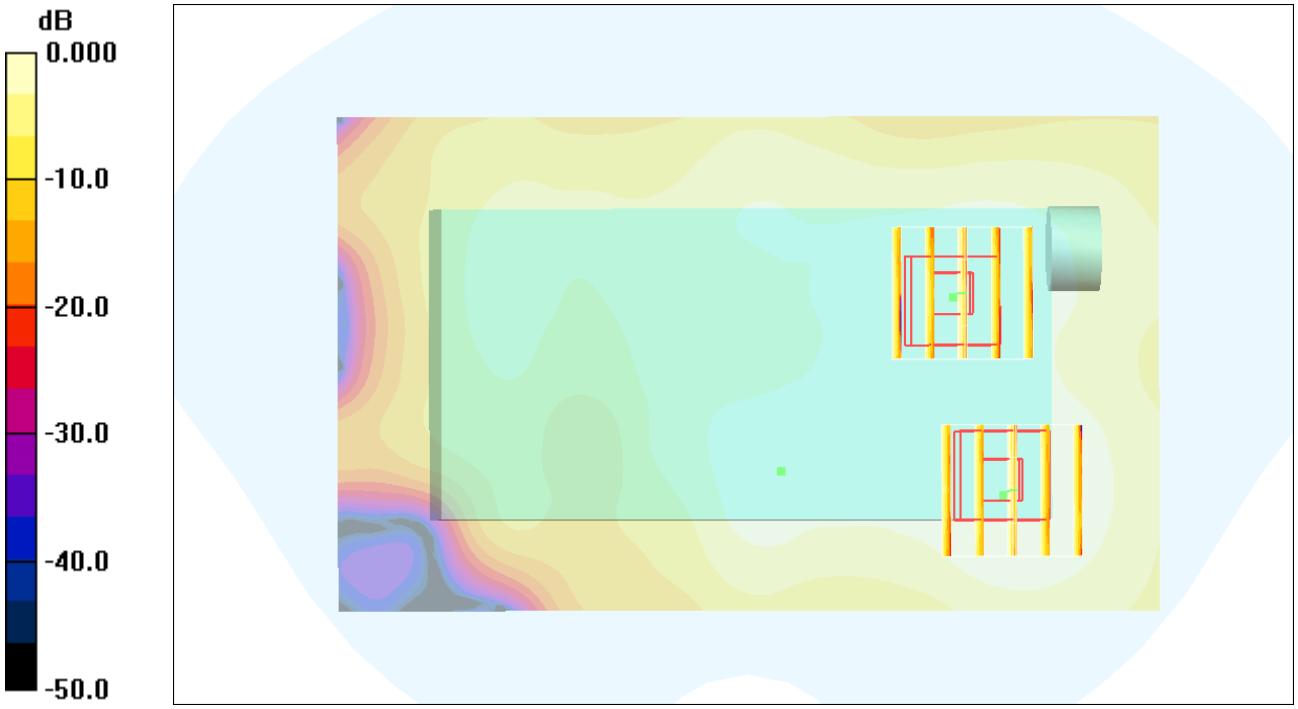
Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120628 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.061 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.19 V/m; Power Drift = -0.098 dB
Peak SAR (extrapolated) = 0.109 W/kg
SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.062 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.19 V/m; Power Drift = -0.098 dB
Peak SAR (extrapolated) = 0.094 W/kg
SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.058 mW/g



0 dB = 0.058mW/g

#148 WLAN2.4G_802.11b_Front_1.5cm_Ch11_Keypad1_Camera2

DUT: 221518-01

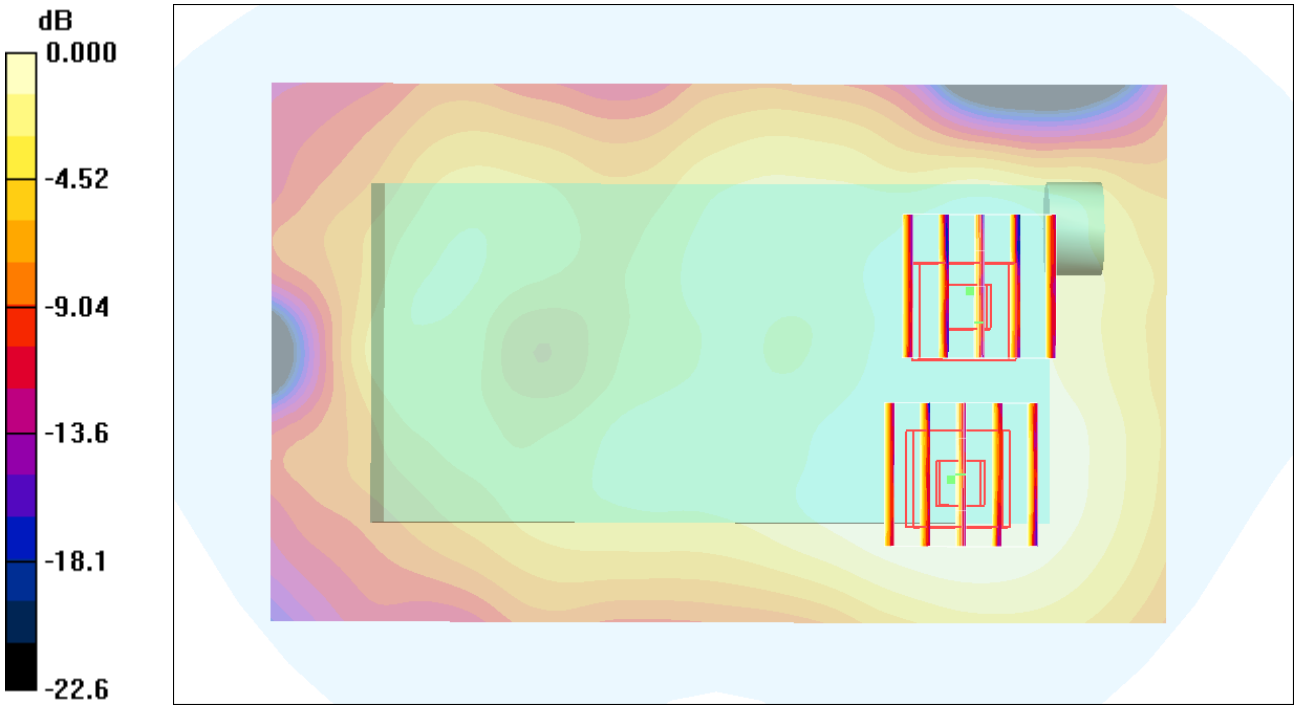
Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120628 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.067 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.83 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 0.131 W/kg
SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.070 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.83 V/m; Power Drift = -0.114 dB
Peak SAR (extrapolated) = 0.087 W/kg
SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.053 mW/g



0 dB = 0.053mW/g

#676_WLAN2.4G_802.11b_Front_1.5cm_Ch1;Keypad1_Camera2

DUT: 320416

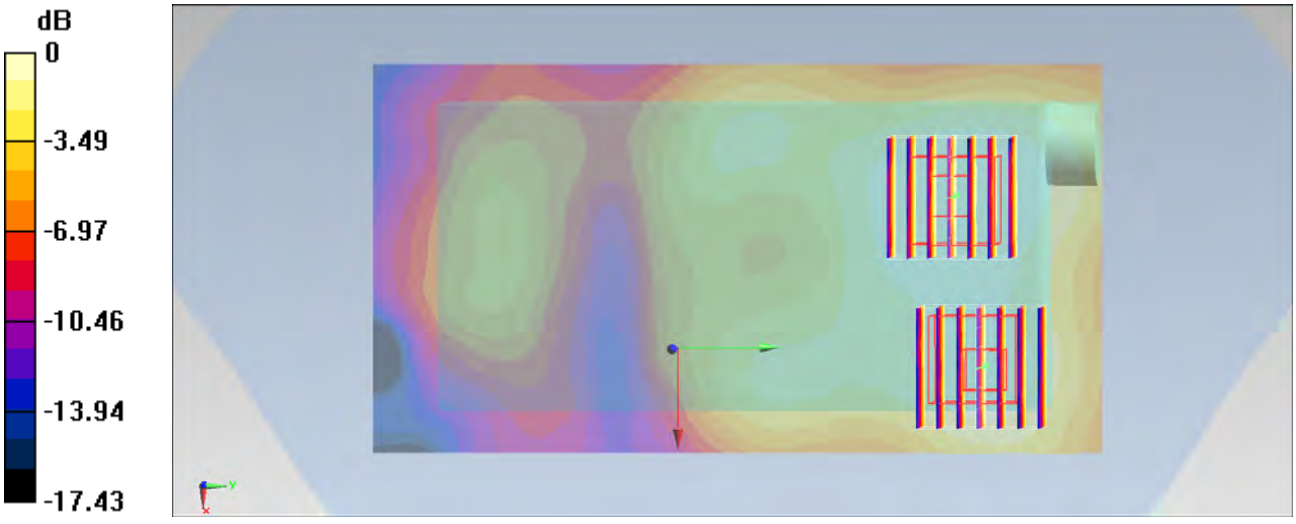
Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130207 Medium parameters used: f = 2412 MHz; σ = 1.965 mho/m; ε_r = 52.487; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1/Area Scan (81x151x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0389 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.551 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.058 mW/g
SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.0389 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.551 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.051 mW/g
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.0327 mW/g



0 dB = 0.0327 mW/g = -29.71 dB mW/g

#150 WLAN2.4G_802.11b_Front_1.5cm_Ch6_Keypad1_Camera2

DUT: 221518-01

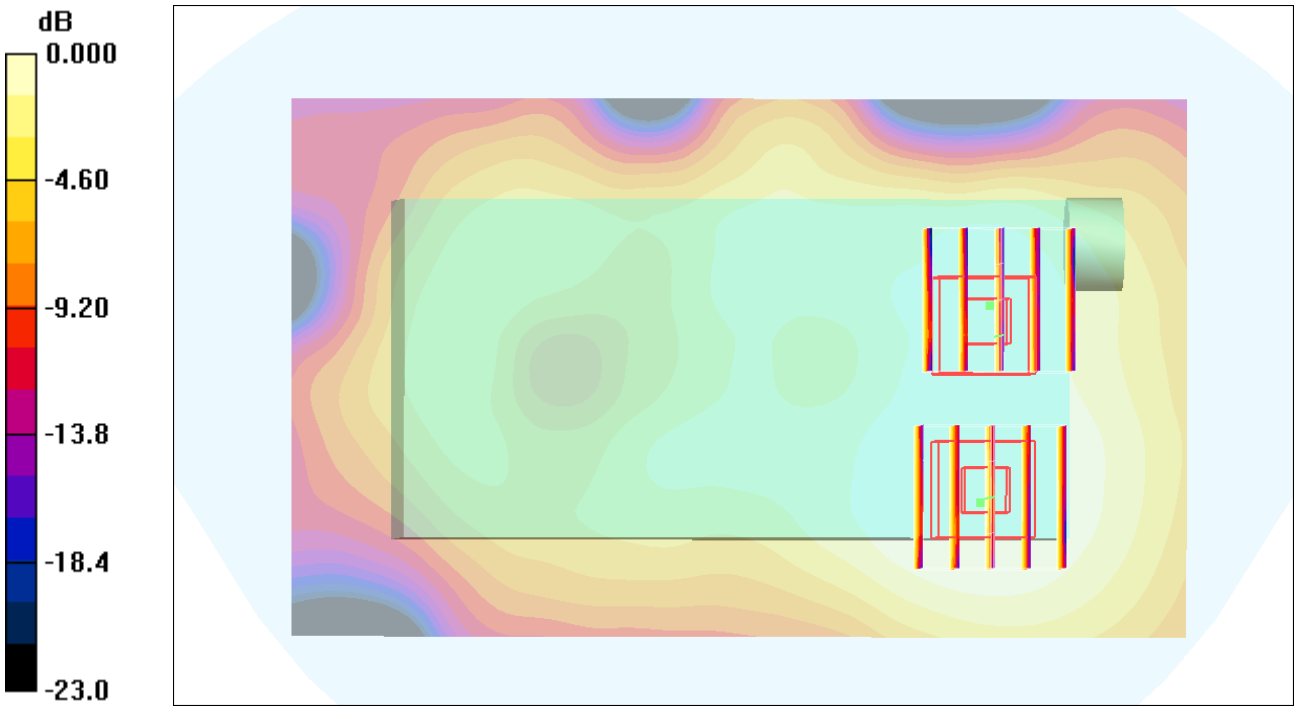
Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120628 Medium parameters used: f = 2437 MHz; σ = 2 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.069 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.89 V/m; Power Drift = -0.113 dB
Peak SAR (extrapolated) = 0.126 W/kg
SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.072 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.89 V/m; Power Drift = -0.113 dB
Peak SAR (extrapolated) = 0.089 W/kg
SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.055 mW/g



0 dB = 0.055mW/g

#154 WLAN2.4G_802.11b_Front_0cm_Ch6_Keypad1_Camera2_Holster2

DUT:221518-01

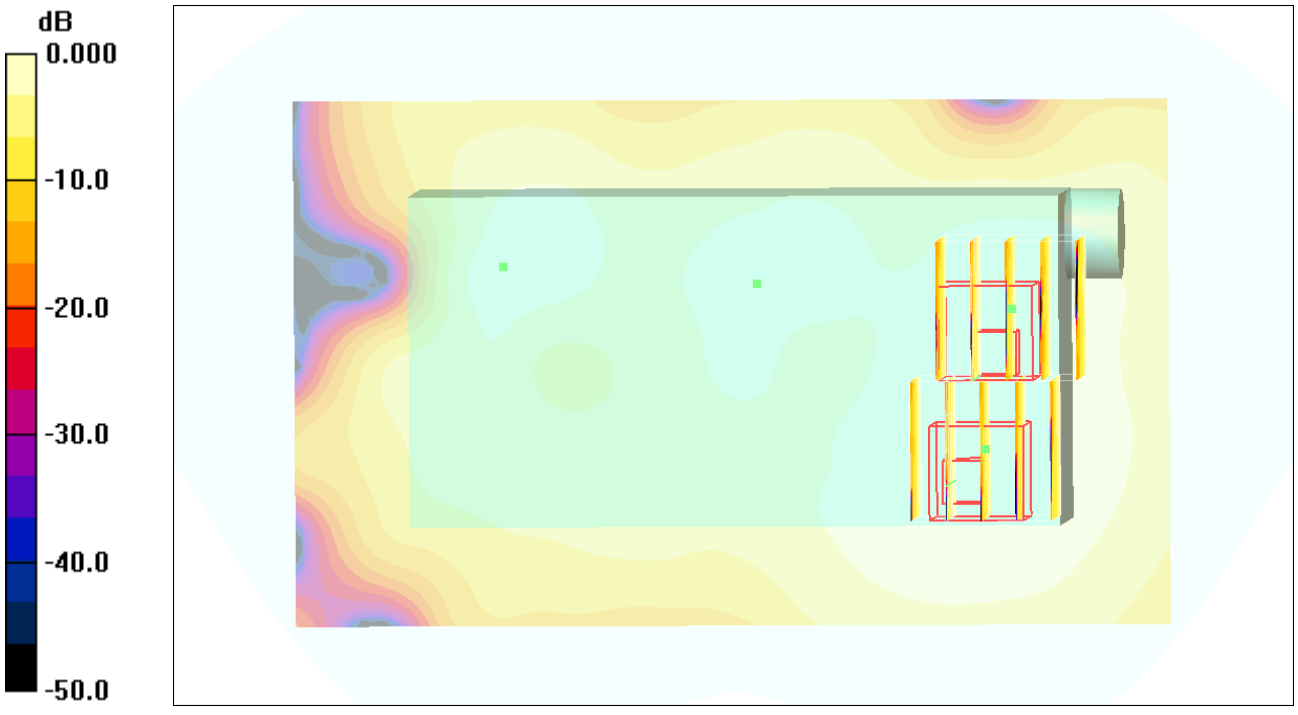
Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120628 Medium parameters used: f = 2437 MHz; σ = 2 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.059 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.13 V/m; Power Drift = 0.072 dB
Peak SAR (extrapolated) = 0.318 W/kg
SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.053 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.13 V/m; Power Drift = 0.072 dB
Peak SAR (extrapolated) = 0.283 W/kg
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.029 mW/g
Maximum value of SAR (measured) = 0.062 mW/g



0 dB = 0.062mW/g

#155 WLAN2.4G_802.11b_Front_0cm_Ch1_Keypad1_Camera2_Holster2

DUT: 221518-01

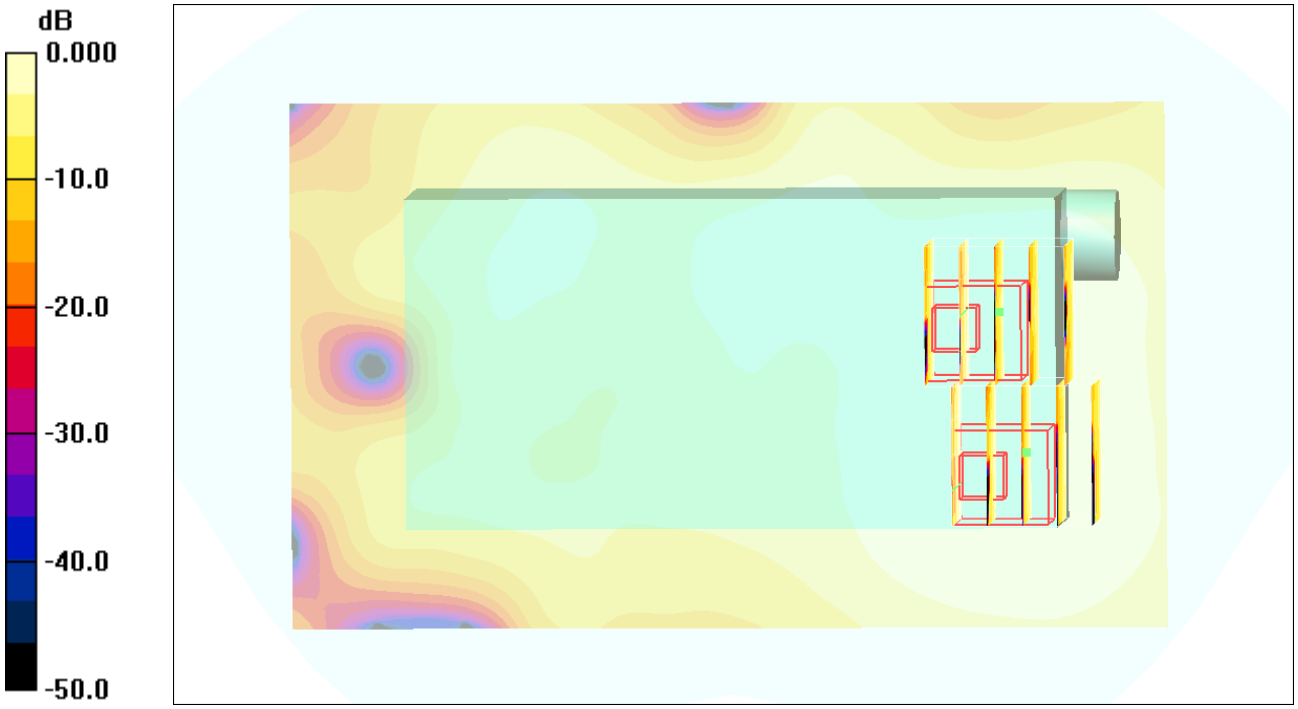
Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120628 Medium parameters used: f = 2412 MHz; σ = 1.96 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch1/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.048 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.23 V/m; Power Drift = 0.185 dB
Peak SAR (extrapolated) = 0.334 W/kg
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.055 mW/g

Ch1/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.23 V/m; Power Drift = 0.185 dB
Peak SAR (extrapolated) = 0.249 W/kg
SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.00822 mW/g
Maximum value of SAR (measured) = 0.043 mW/g



0 dB = 0.043mW/g

#156 WLAN2.4G_802.11b_Front_0cm_Ch11_Keypad1_Camera2_Holster2

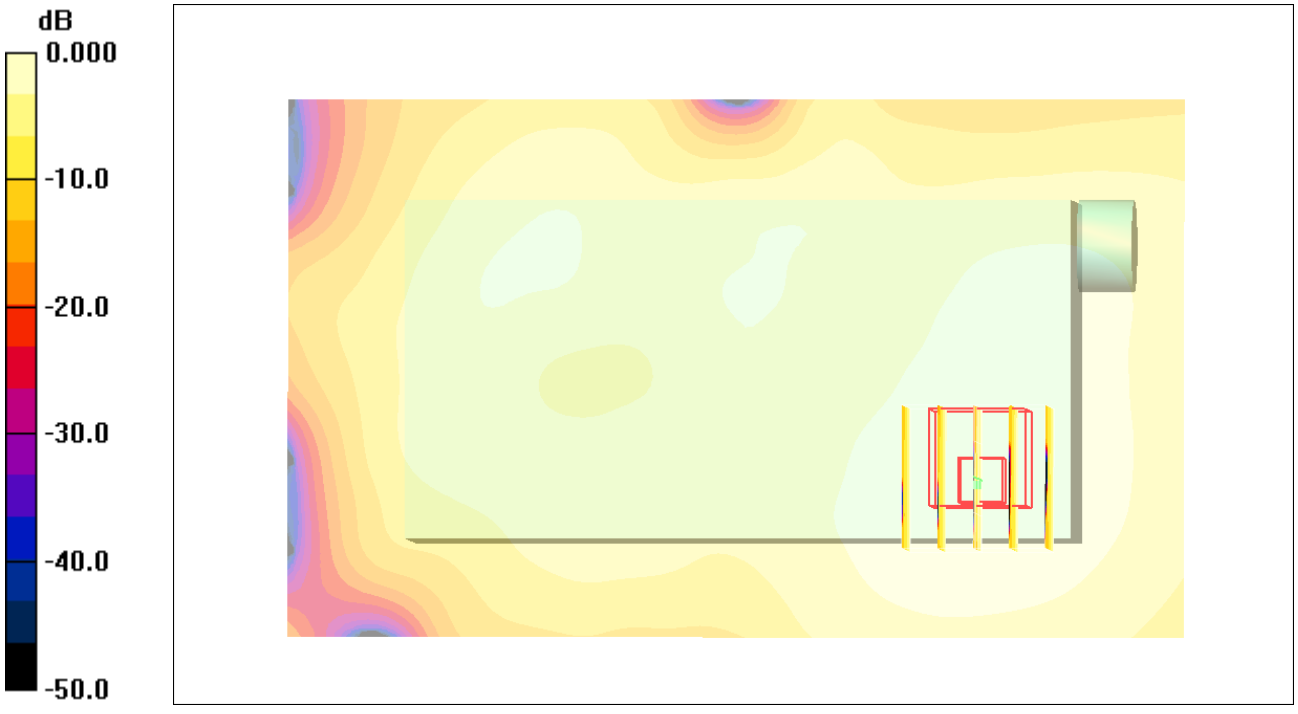
DUT: 221518-01

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120628 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.057 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.01 V/m; Power Drift = 0.117 dB
Peak SAR (extrapolated) = 0.403 W/kg
SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.064 mW/g



0 dB = 0.064mW/g

#157 WLAN2.4G_802.11b_Front_0cm_Ch6_Keypad1_Camera2_Holster3

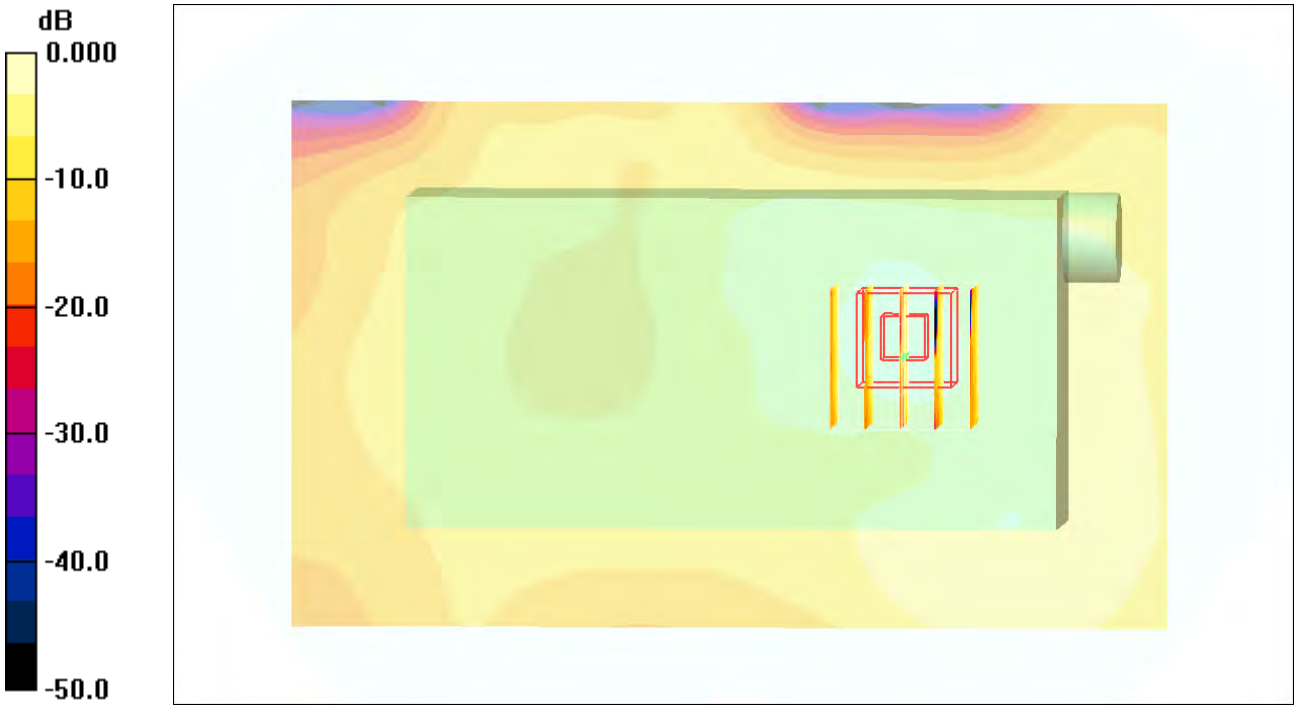
DUT: 221518-01

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120628 Medium parameters used: f = 2437 MHz; σ = 2 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch6/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.063 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.77 V/m; Power Drift = -0.122 dB
Peak SAR (extrapolated) = 0.387 W/kg
SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.069 mW/g



0 dB = 0.069mW/g

#677_WLAN2.4G_802.11b_Front_1.5cm_Ch1;Keypad1_Camera2_Holster3

DUT: 320416

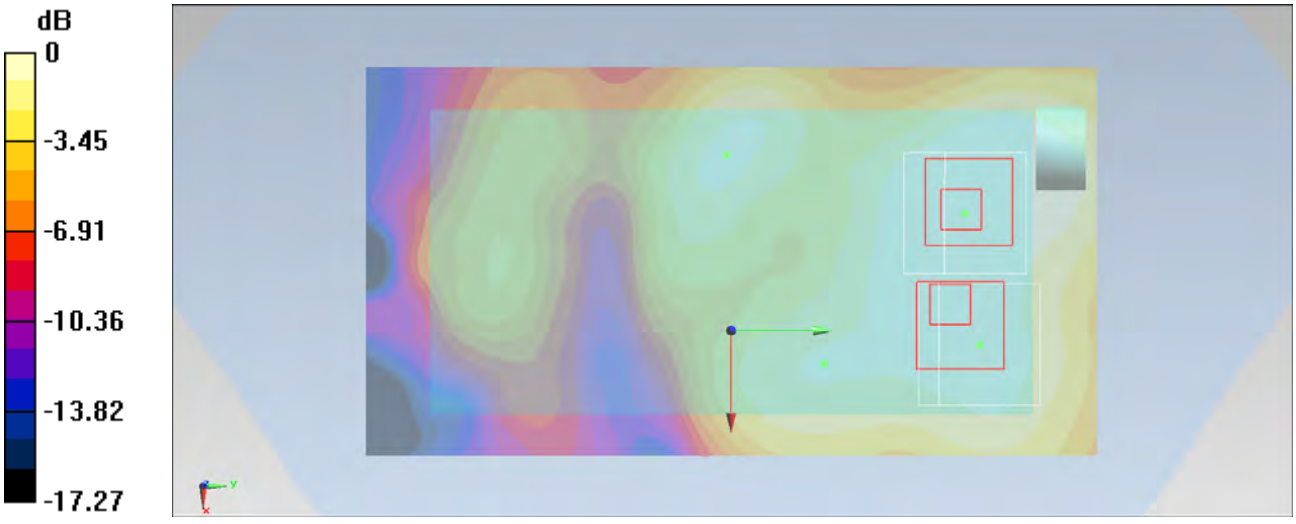
Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130207 Medium parameters used: f = 2412 MHz; σ = 1.965 mho/m; ε_r = 52.487; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1478
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1/Area Scan (81x151x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0300 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.972 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.044 mW/g
SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.0298 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.972 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.038 mW/g
SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.0251 mW/g



0 dB = 0.0251 mW/g = -32.01 dB mW/g

#189 WLAN2.4G_802.11b_Front_0cm_Ch11_Keypad1_Camera2_Holster3

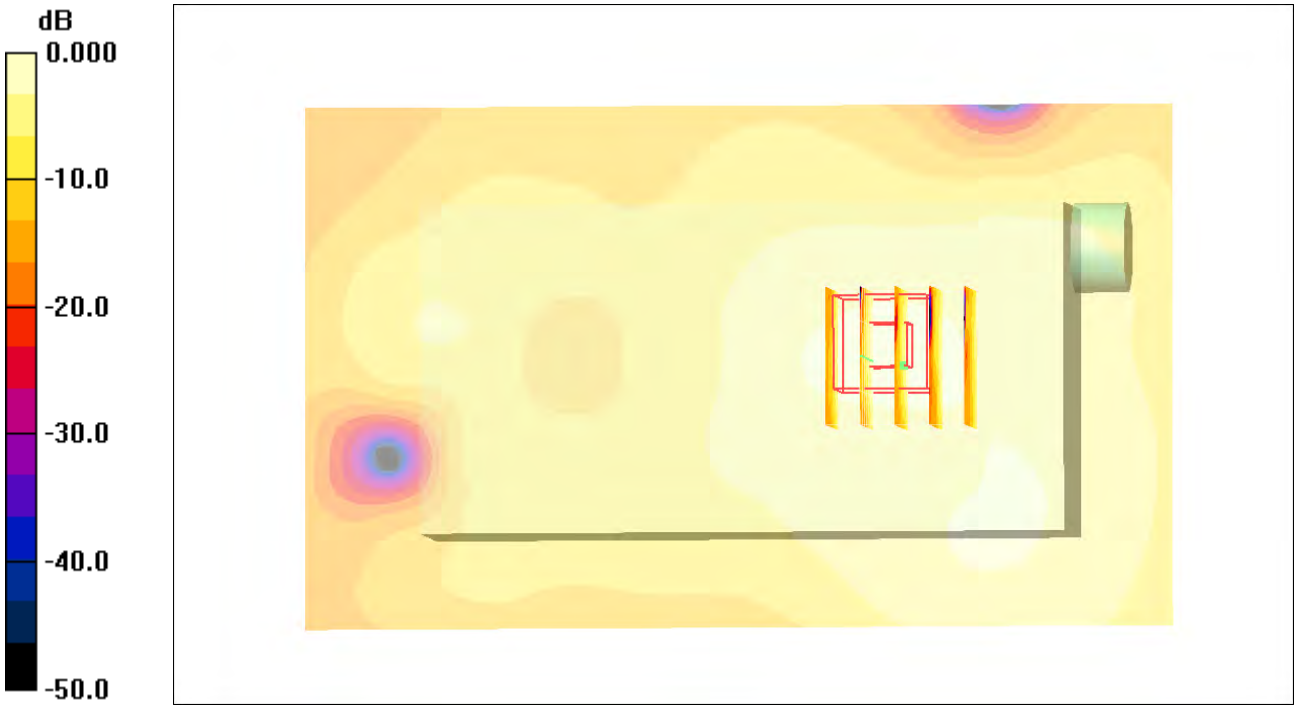
DUT: 221518-01

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_120628 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011-11-16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (61x101x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.061 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.80 V/m; Power Drift = 0.127 dB
Peak SAR (extrapolated) = 0.382 W/kg
SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.071 mW/g



0 dB = 0.071mW/g

#113 WLAN5G_ 802.11a_Front_1.5cm_Ch44_Keypad1_Camera1

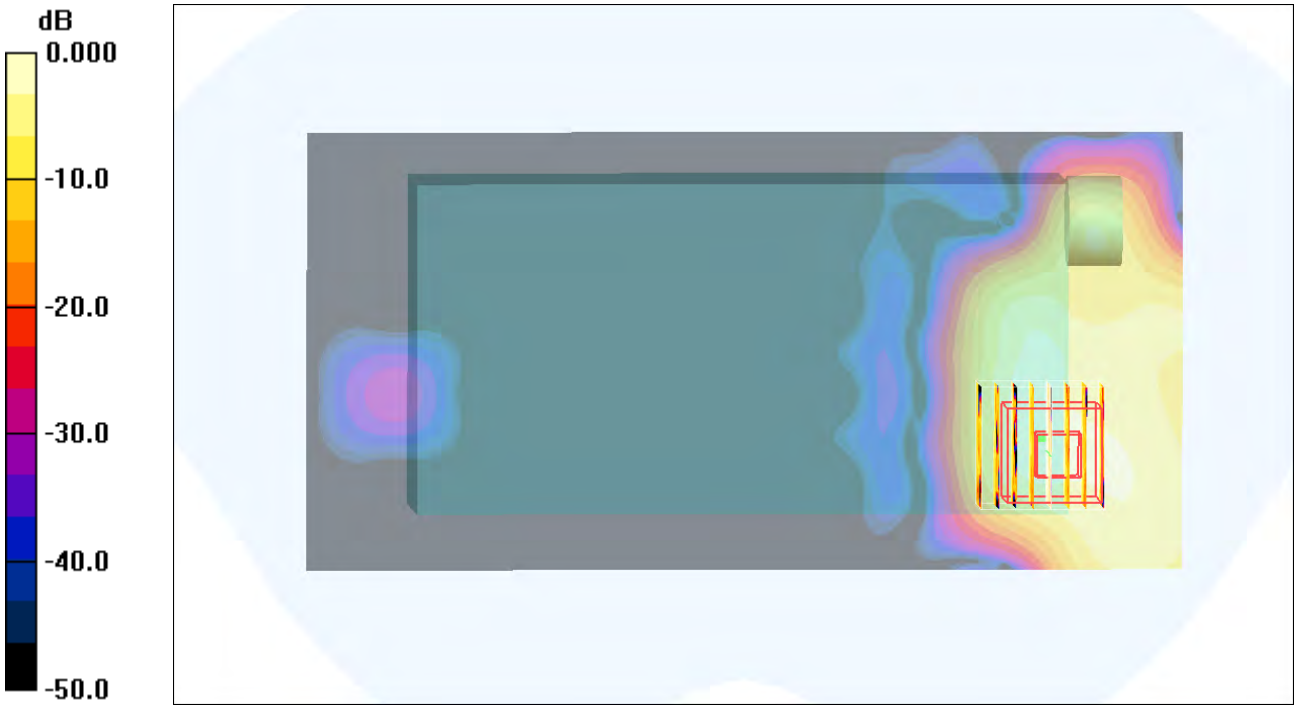
DUT: 221518-01

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120627 Medium parameters used: f = 5220 MHz; σ = 5.15 mho/m; ε_r = 47.4; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch44/Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.075 mW/g

Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.735 V/m; Power Drift = 0.137 dB
Peak SAR (extrapolated) = 0.145 W/kg
SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.089 mW/g



0 dB = 0.089mW/g

#114 WLAN5G_ 802.11a_Back_1.5cm_Ch44_Keypad1_Camera1

DUT: 221518-01

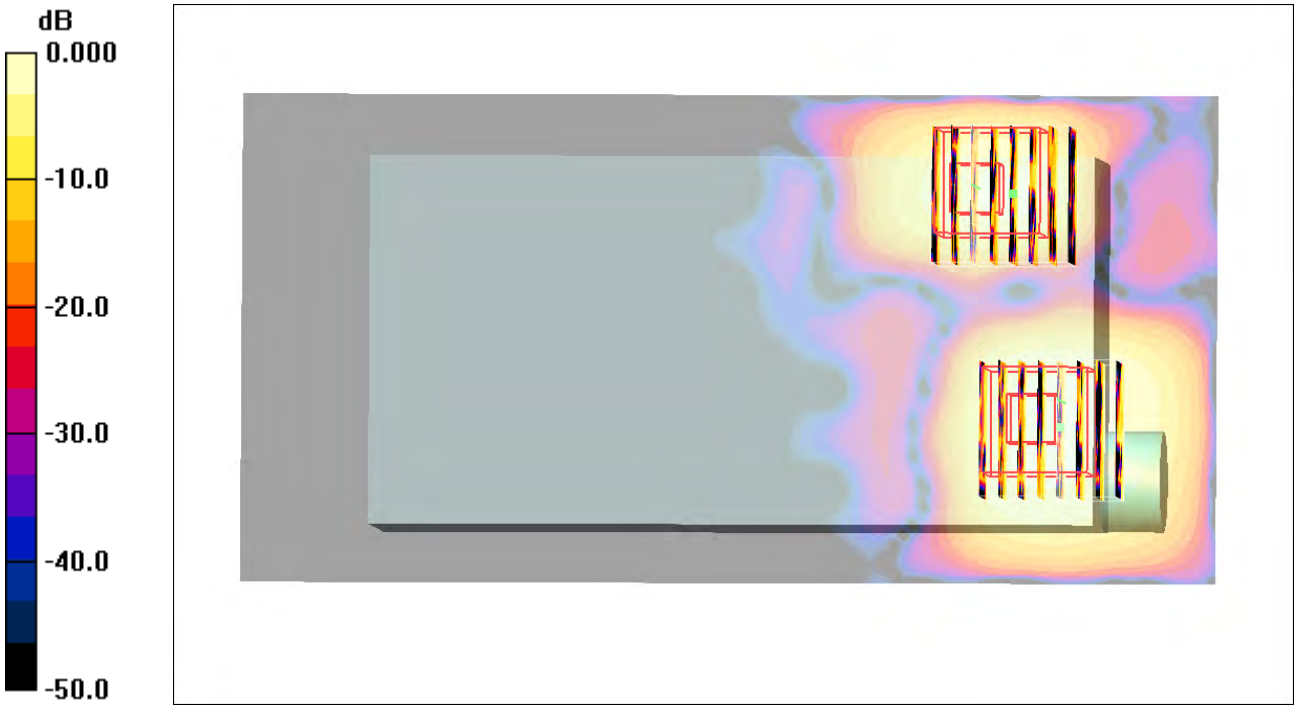
Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120627 Medium parameters used : f = 5220 MHz; σ = 5.15 mho/m; ε_r = 47.4; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch44/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.037 mW/g

Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.132 W/kg
SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.01 mW/g
Maximum value of SAR (measured) = 0.061 mW/g

Ch44/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.158 W/kg
SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.00929 mW/g
Maximum value of SAR (measured) = 0.053 mW/g



0 dB = 0.053mW/g

#122 WLAN5G_ 802.11a_Front_1.5cm_Ch44_Keypad2_Camera1

DUT: 221518-01

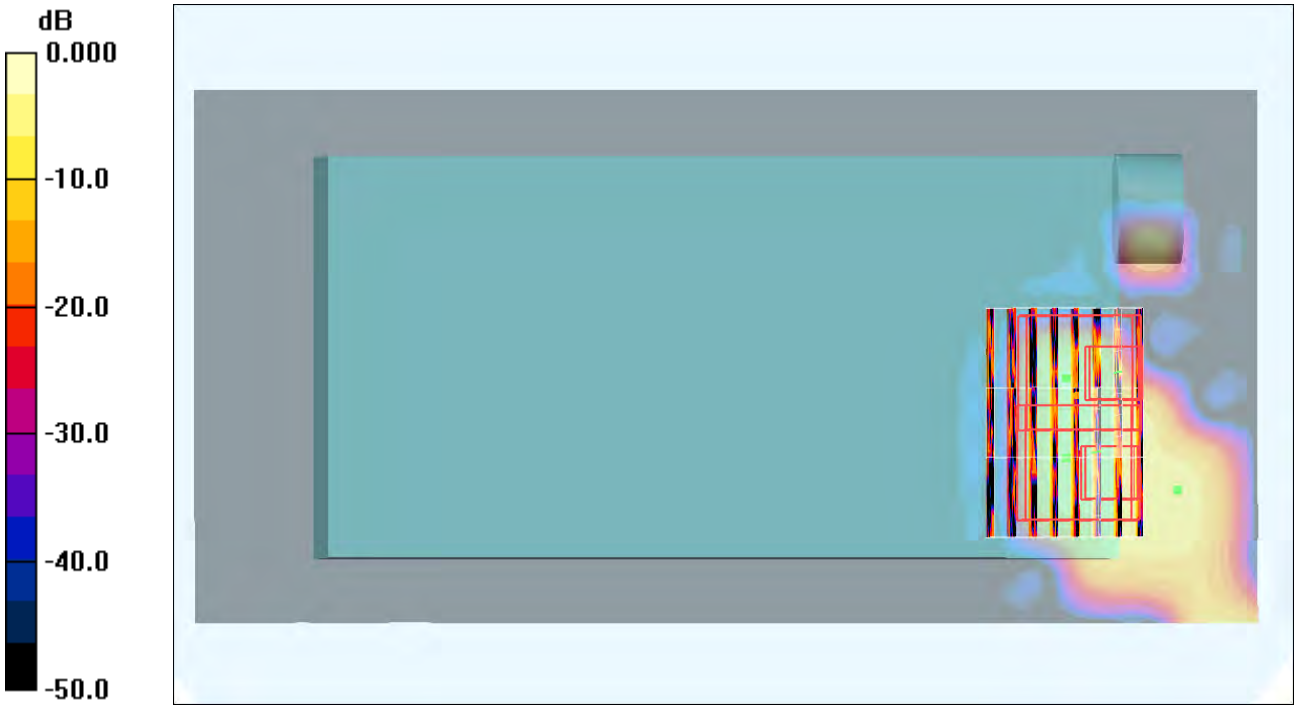
Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120627 Medium parameters used : f = 5220 MHz; σ = 5.15 mho/m; ε_r = 47.4; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch44/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.058 mW/g

Ch44/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.752 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.171 W/kg
SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.011 mW/g
Maximum value of SAR (measured) = 0.066 mW/g

Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.752 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.230 W/kg
SAR(1 g) = 0.0011 mW/g; SAR(10 g) = 0.000108 mW/g
Maximum value of SAR (measured) = 0.230 mW/g



0 dB = 0.230mW/g

#119 WLAN5G_ 802.11a_Front_1.5cm_Ch44_Keypad3_Camera1

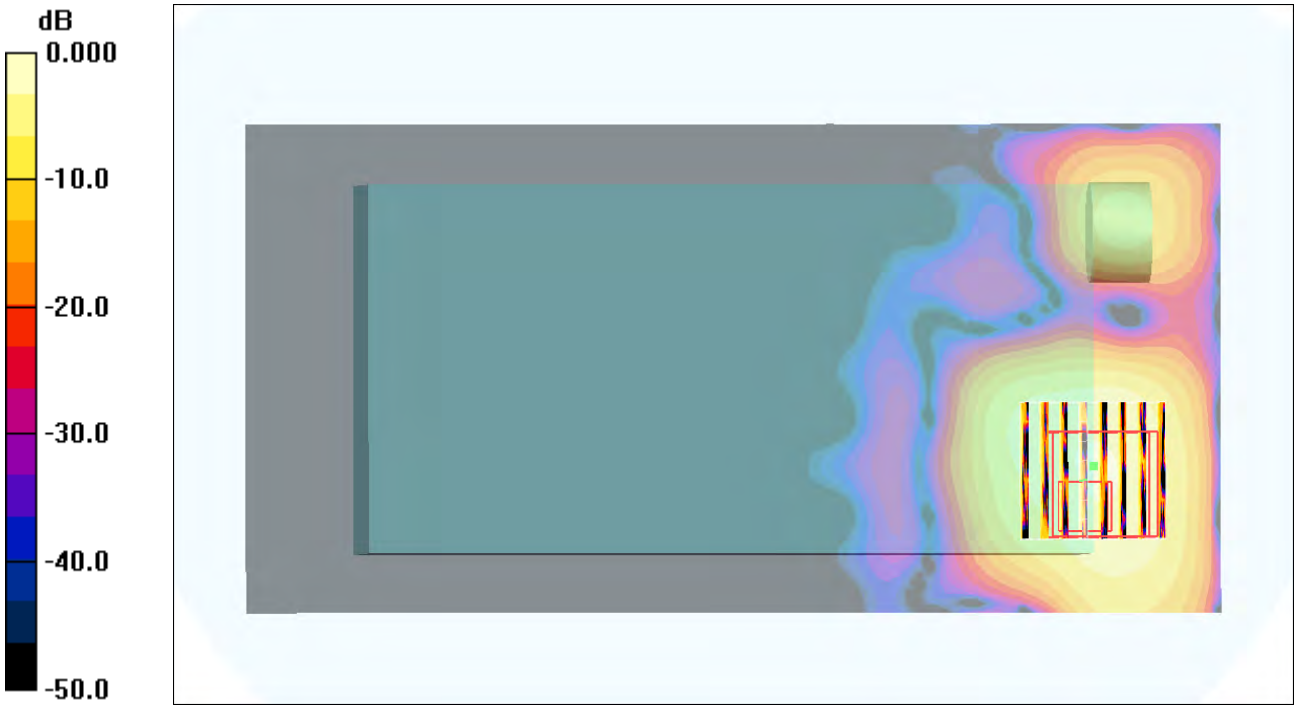
DUT: 221518-01

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120627 Medium parameters used: f = 5220 MHz; σ = 5.15 mho/m; ε_r = 47.4; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch44/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.044 mW/g

Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 0.226 W/kg
SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.088 mW/g



0 dB = 0.088mW/g

#162 WLAN5G_ 802.11a_Front_1.5cm_Ch44_Keypad1_Camera2

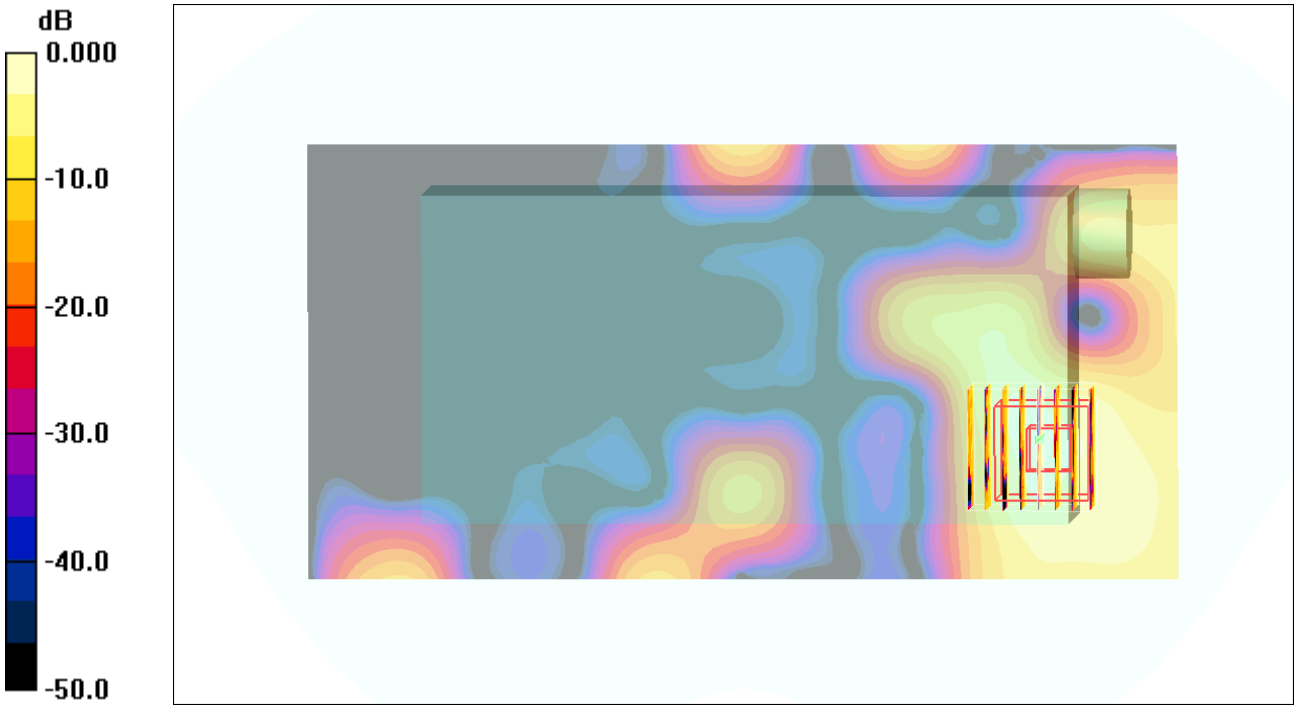
DUT: 221518-01

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5220 MHz; σ = 5.34 mho/m; ε_r = 47.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch44/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.091 mW/g

Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.118 mW/g



0 dB = 0.118mW/g

#678_WLAN5G_802.11a_Front_1.5cm_Ch36;Keypad1_Camera2

DUT: 320416

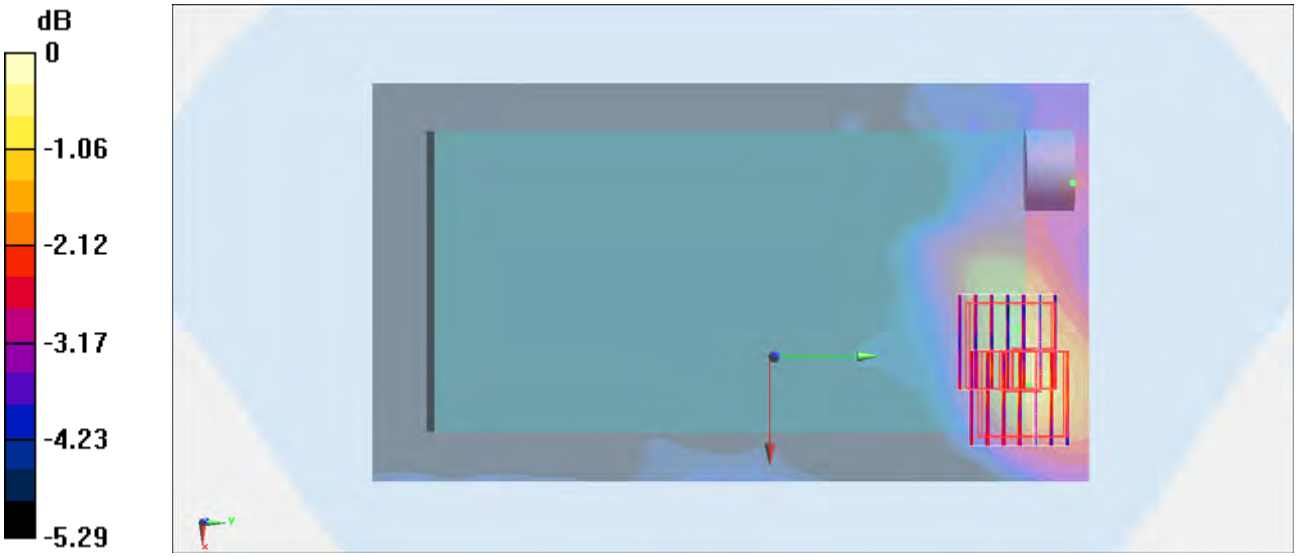
Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130208 Medium parameters used: f = 5180 MHz; σ = 5.221 mho/m; ε_r = 47.539; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch36/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.124 mW/g

Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.061 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.205 mW/g
SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.090 mW/g
Maximum value of SAR (measured) = 0.151 mW/g

Configuration/Ch36/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.061 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.194 mW/g
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.083 mW/g
Maximum value of SAR (measured) = 0.150 mW/g



0 dB = 0.150 mW/g = -16.48 dB mW/g

#171 WLAN5G_ 802.11a_Front_0cm_Ch44_Keypad1_Camera2_Holster2

DUT: 221518-01

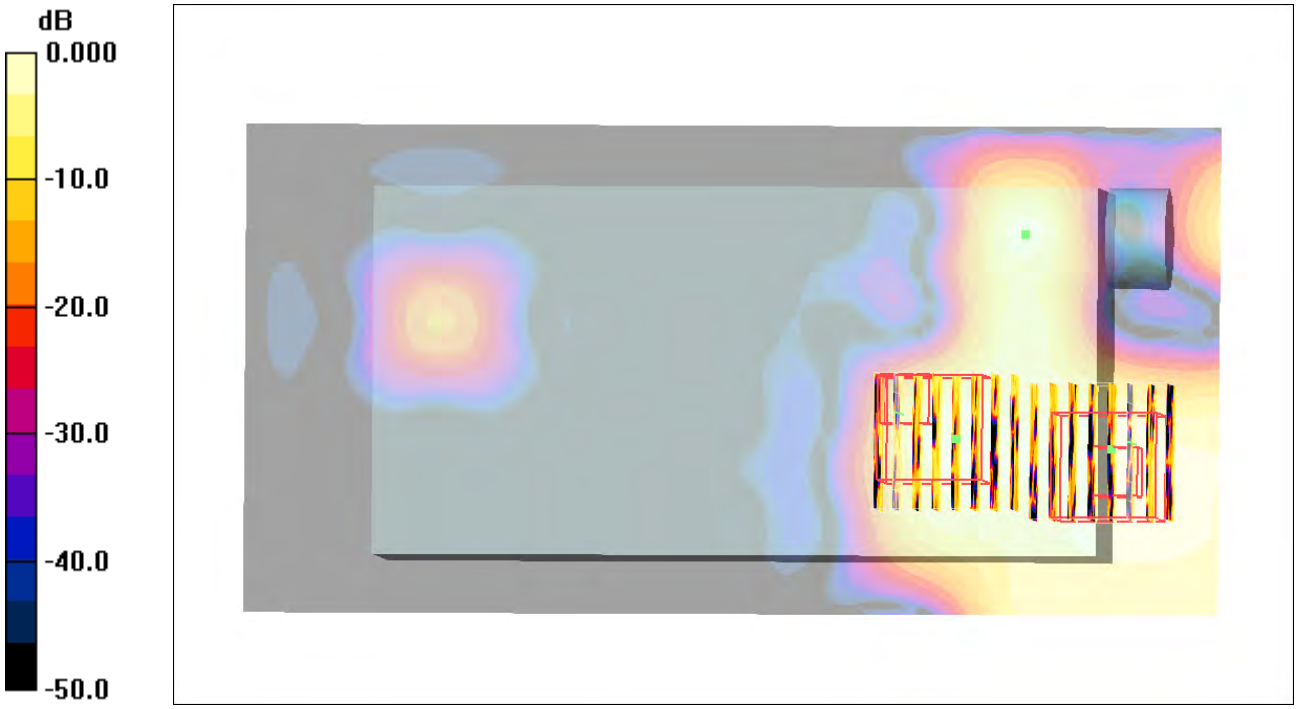
Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used : f = 5220 MHz; σ = 5.34 mho/m; ε_r = 47.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch44/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.047 mW/g

Ch44/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.718 V/m; Power Drift = 0.156 dB
Peak SAR (extrapolated) = 0.383 W/kg
SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.065 mW/g

Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.718 V/m; Power Drift = 0.156 dB
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00846 mW/g
Maximum value of SAR (measured) = 0.047 mW/g



0 dB = 0.047mW/g

#172 WLAN5G_ 802.11a_Front_0cm_Ch36_Keypad1_Camera2_Holster2

DUT: 221518-01

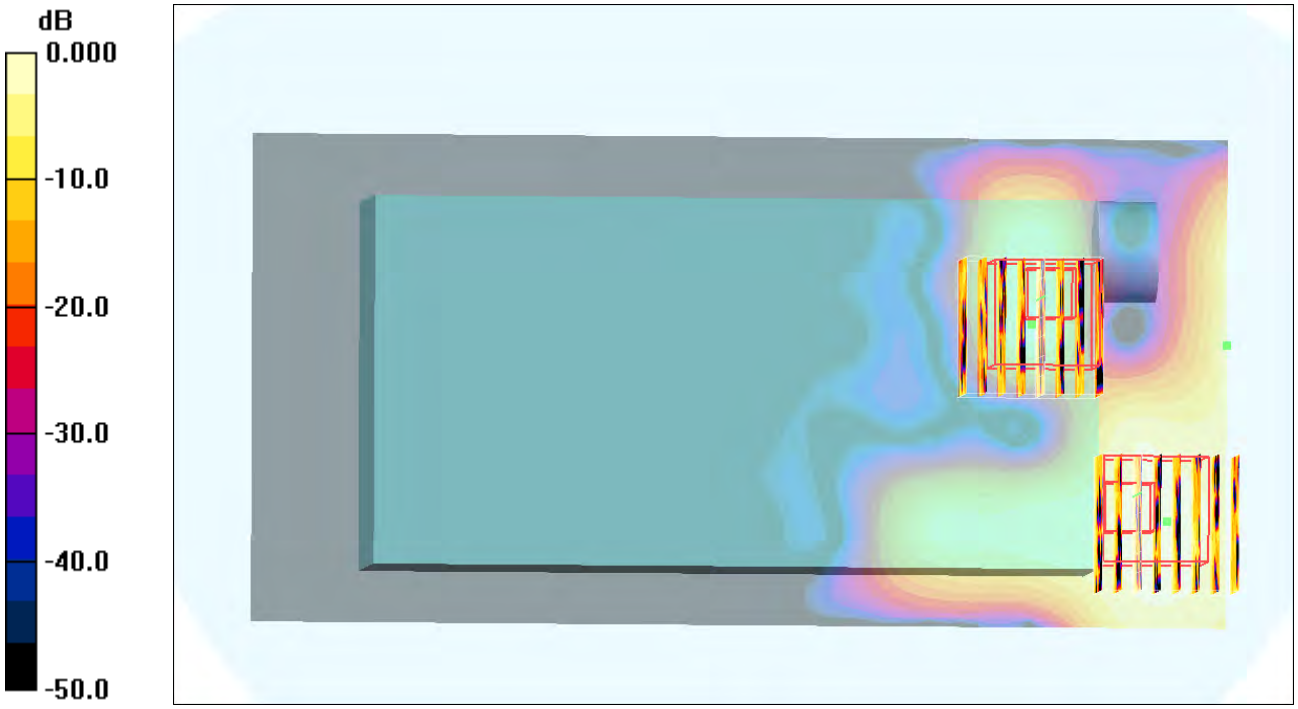
Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used : f = 5180 MHz; σ = 5.29 mho/m; ε_r = 47.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch36/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.035 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.682 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.266 W/kg
SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.068 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.682 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.078 W/kg
SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.00901 mW/g
Maximum value of SAR (measured) = 0.051 mW/g



0 dB = 0.051mW/g

#173 WLAN5G_ 802.11a_Front_0cm_Ch44_Keypad1_Camera2_ Holster3

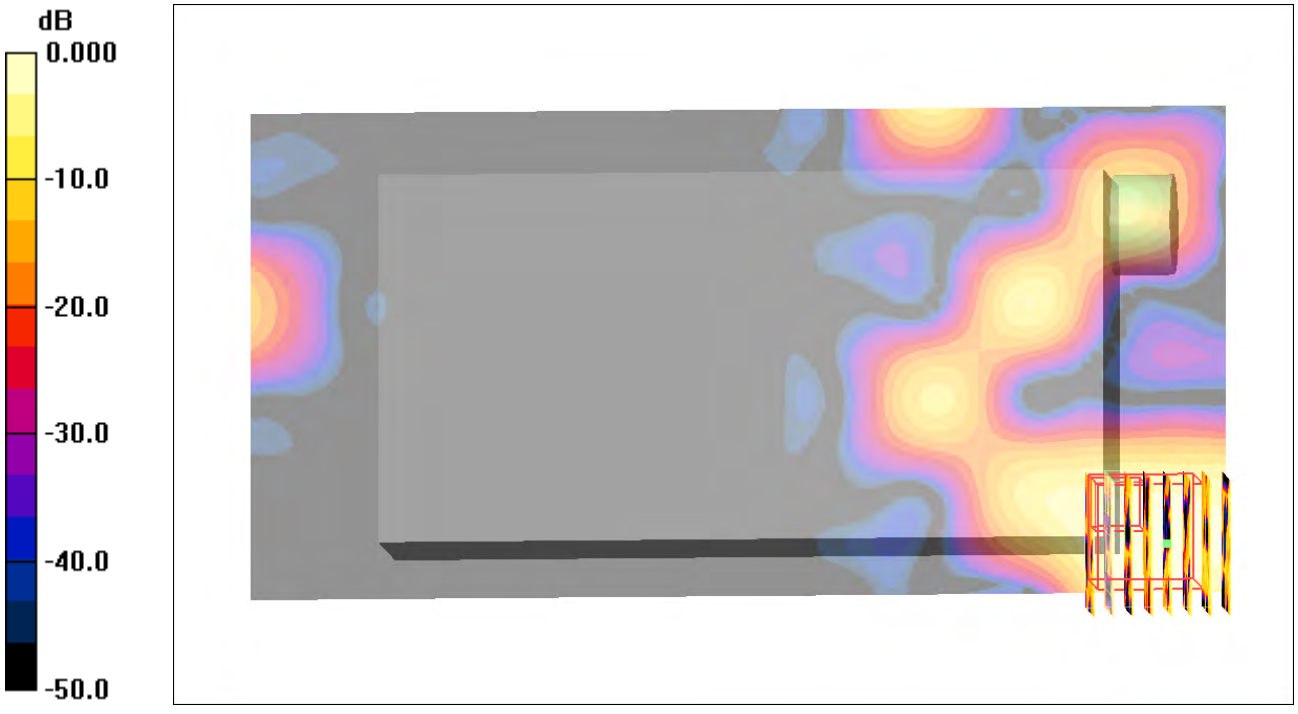
DUT: 221518-01

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used : f = 5220 MHz; σ = 5.34 mho/m; ε_r = 47.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch44/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.090 mW/g

Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.082 W/kg
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.00922 mW/g
Maximum value of SAR (measured) = 0.061 mW/g



0 dB = 0.061mW/g

#174 WLAN5G_ 802.11a_Front_0cm_Ch36_Keypad1_Camera2_Holster3

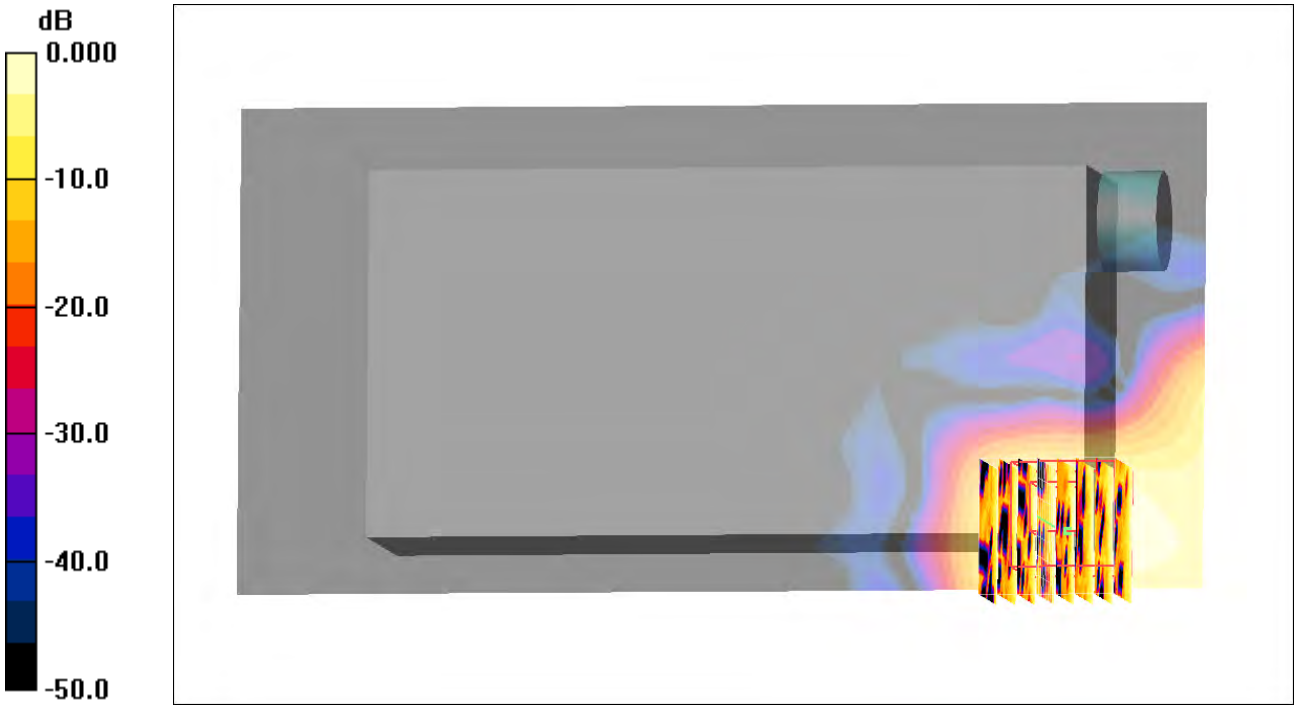
DUT: 221518-01

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used : f = 5180 MHz; σ = 5.29 mho/m; ε_r = 47.5; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch36/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.062 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.067 mW/g



0 dB = 0.067mW/g

#115 WLAN5G_ 802.11a_Front_1.5cm_Ch52_Keypad1_Camera1

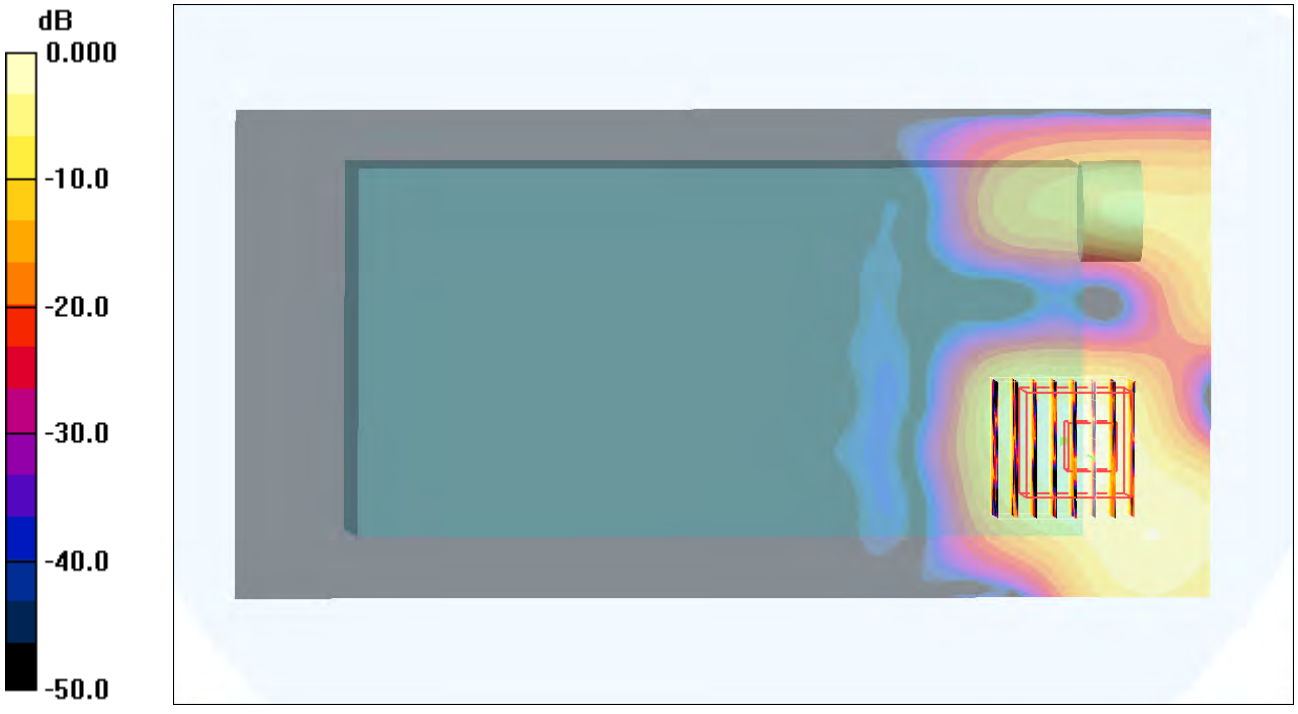
DUT: 221518-01

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120627 Medium parameters used : f = 5260 MHz; σ = 5.19 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.24, 4.24, 4.24); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch52/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.207 mW/g

Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.159 mW/g



0 dB = 0.159mW/g

#116 WLAN5G_ 802.11a_Back_1.5cm_Ch52_Keypad1_Camera1

DUT: 221518-01

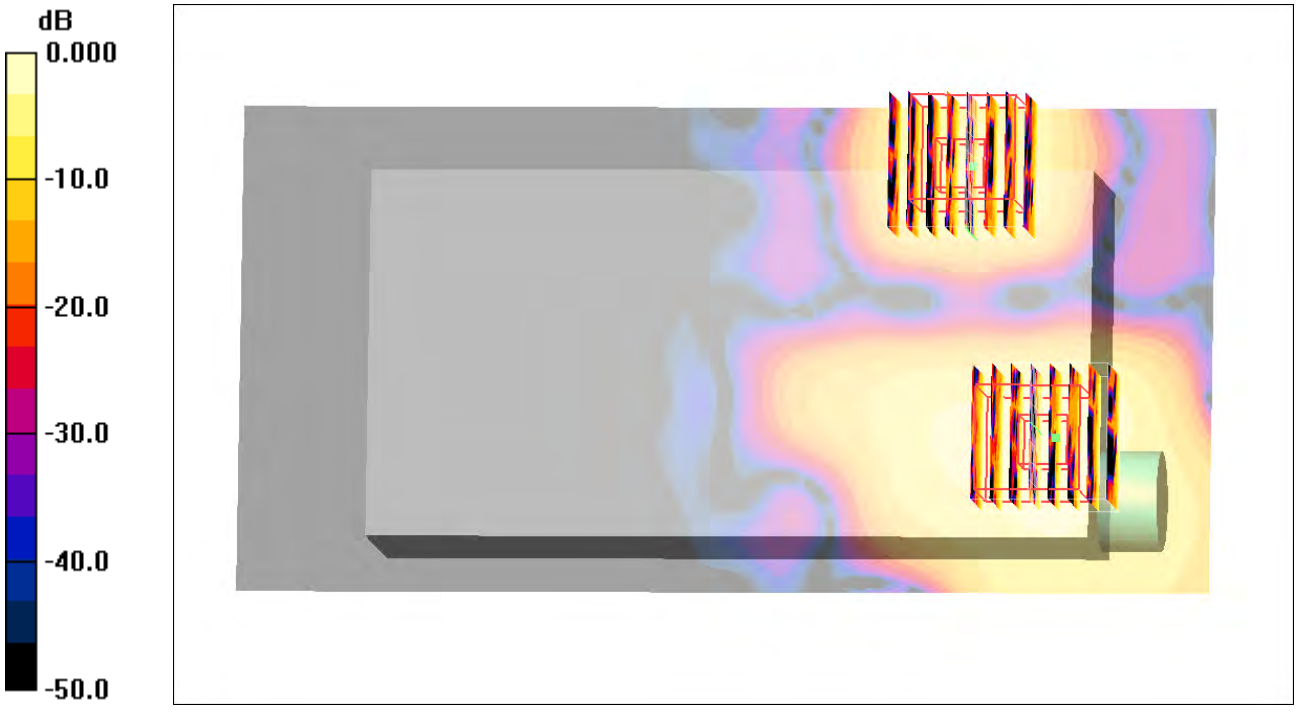
Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120627 Medium parameters used : f = 5260 MHz; σ = 5.19 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.24, 4.24, 4.24); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch52/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.063 mW/g

Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.701 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 0.220 W/kg
SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.130 mW/g

Ch52/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.701 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 0.284 W/kg
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.205 mW/g



0 dB = 0.205mW/g

#123 WLAN5G_ 802.11a_Front_1.5cm_Ch52_Keypad2_Camera1

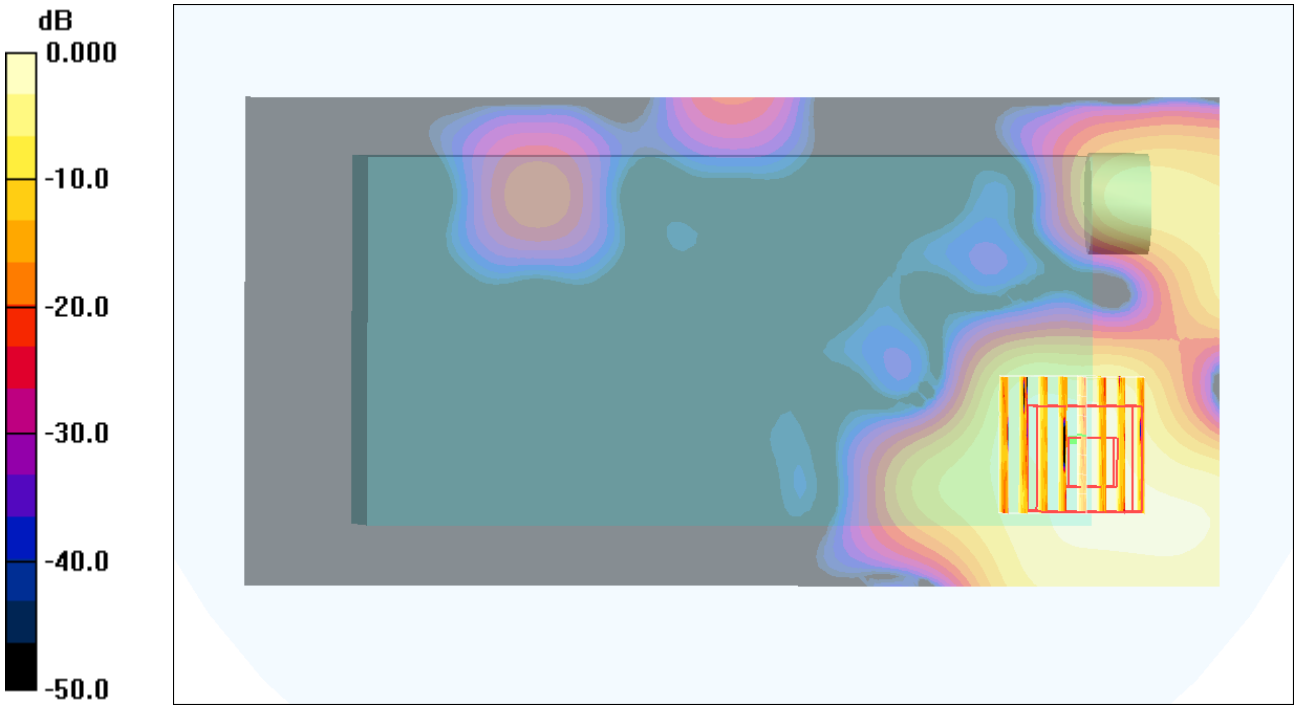
DUT: 221518-01

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120627 Medium parameters used: f = 5260 MHz; σ = 5.19 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.24, 4.24, 4.24); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch52/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.127 mW/g

Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.125 dB
Peak SAR (extrapolated) = 0.276 W/kg
SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.139 mW/g



0 dB = 0.139mW/g

#120 WLAN5G_ 802.11a_Front_1.5cm_Ch52_Keypad3_Camera1

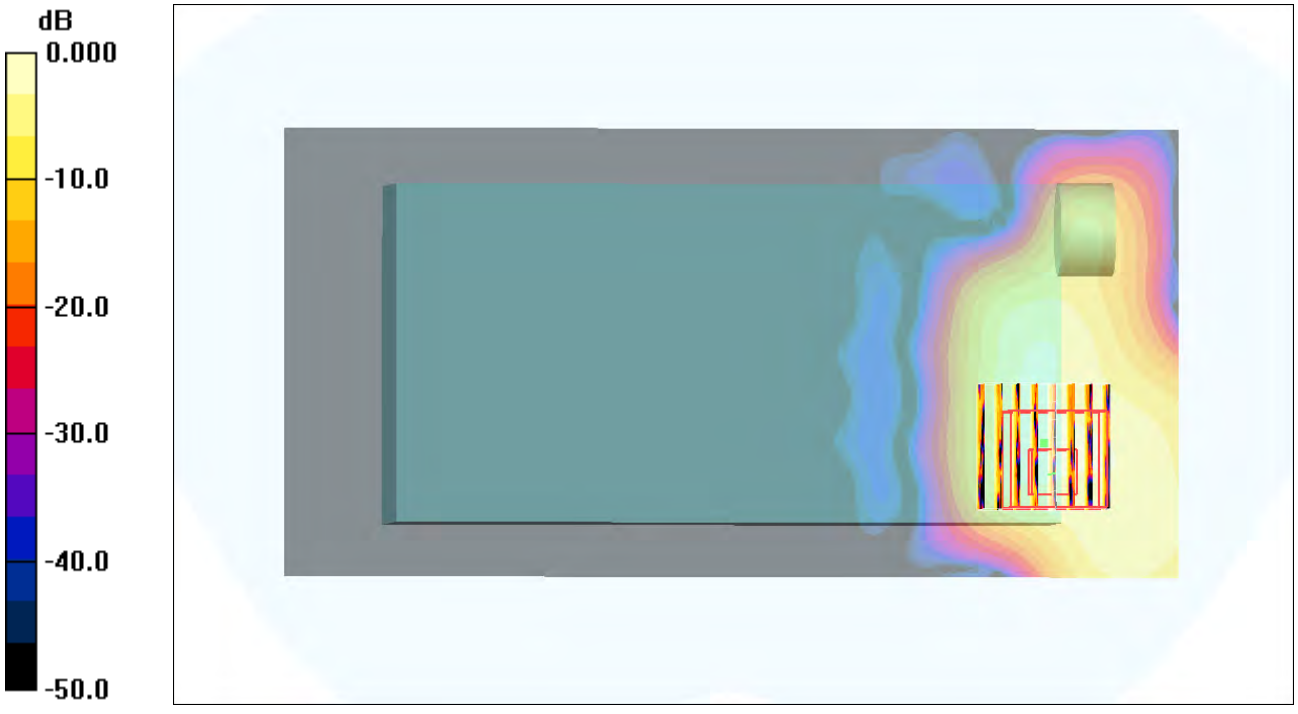
DUT: 221518-01

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120627 Medium parameters used: f = 5260 MHz; σ = 5.19 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.24, 4.24, 4.24); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch52/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.096 mW/g

Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.125 dB
Peak SAR (extrapolated) = 0.263 W/kg
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.134 mW/g



0 dB = 0.134mW/g

#679_WLAN5G_802.11a_Front_1.5cm_Ch52;Keypad1_Camera2

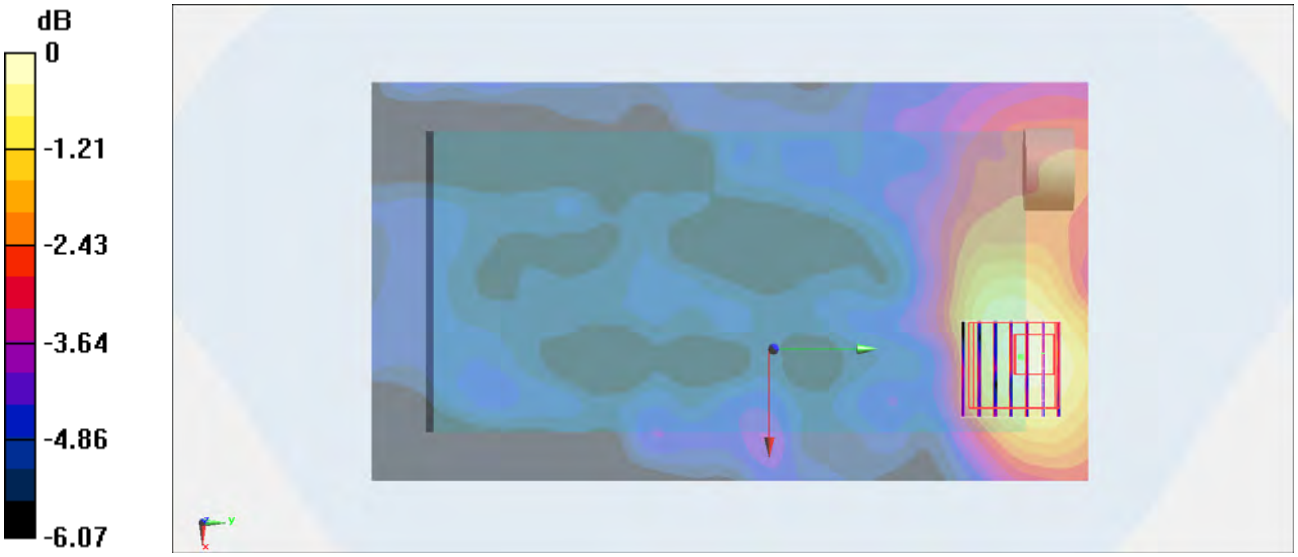
DUT: 320416

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130208 Medium parameters used: f = 5260 MHz; σ = 5.312 mho/m; ε_r = 47.359; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.66, 3.66, 3.66); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch52/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.164 mW/g

Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.360 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.233 mW/g
SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.083 mW/g
Maximum value of SAR (measured) = 0.171 mW/g



0 dB = 0.171 mW/g = -15.34 dB mW/g

#167 WLAN5G_ 802.11a_Front_1.5cm_Ch64_Keypad1_Camera2

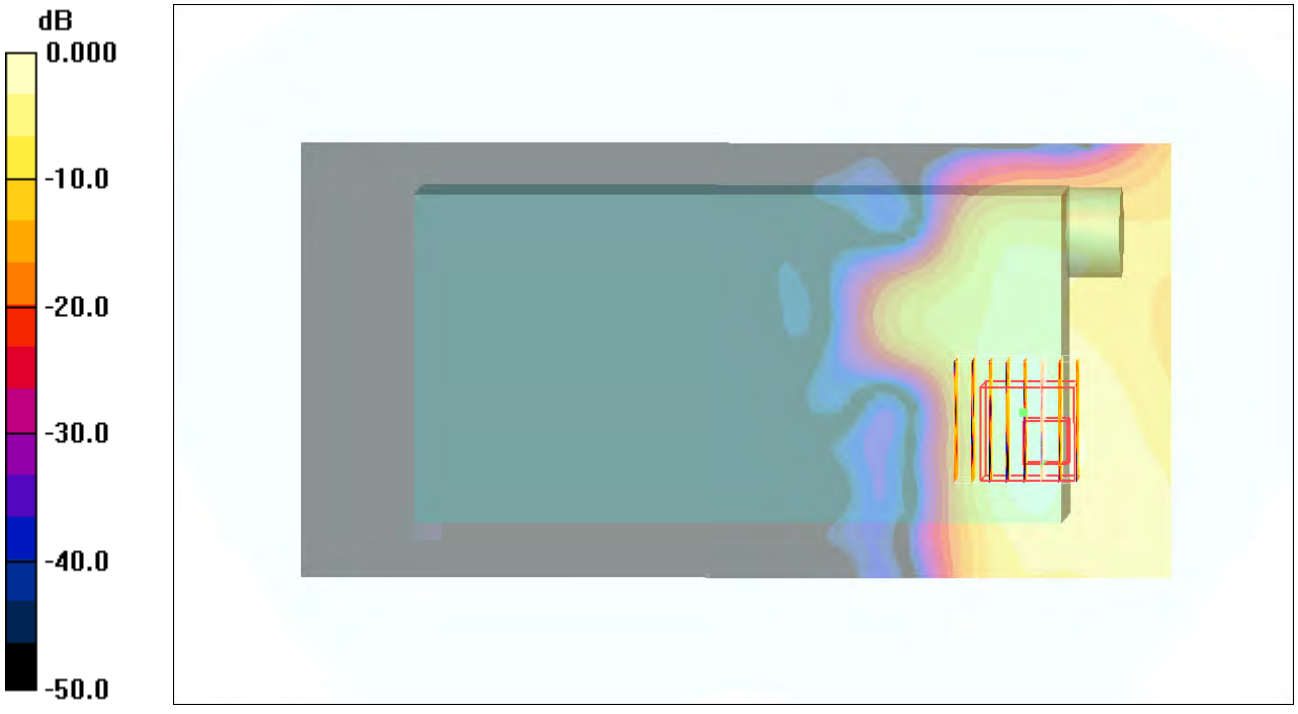
DUT: 221518-01

Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5320 MHz; σ = 5.48 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.24, 4.24, 4.24); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch64/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.134 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.174 mW/g



0 dB = 0.174mW/g

#175 WLAN5G_ 802.11a_Front_0cm_Ch52_Keypad1_Camera2_Holster2

DUT: 221518-01

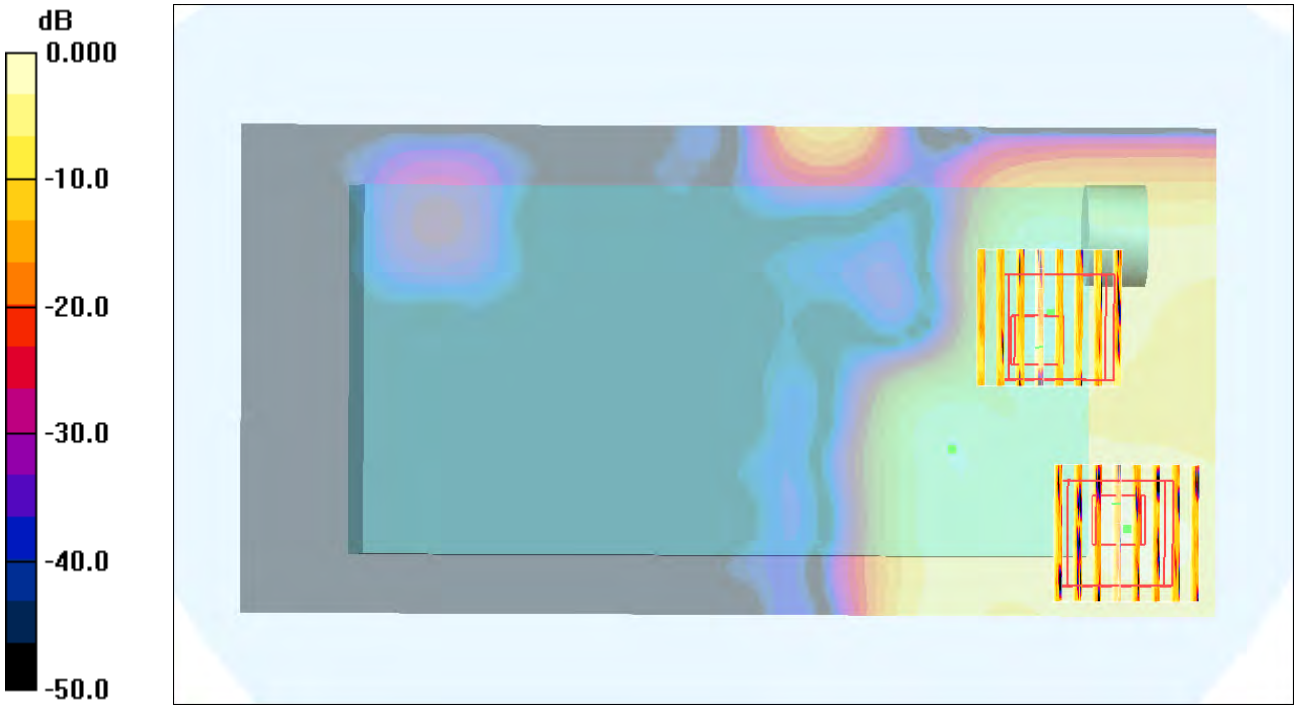
Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5260 MHz; σ = 5.38 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.24, 4.24, 4.24); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch52/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.071 mW/g

Ch52/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 0.216 W/kg
SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.113 mW/g

Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 0.156 W/kg
SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.104 mW/g



0 dB = 0.104mW/g

#176 WLAN5G_ 802.11a_Front_0cm_Ch64_Keypad1_Camera2_Holster2

DUT: 221518-01

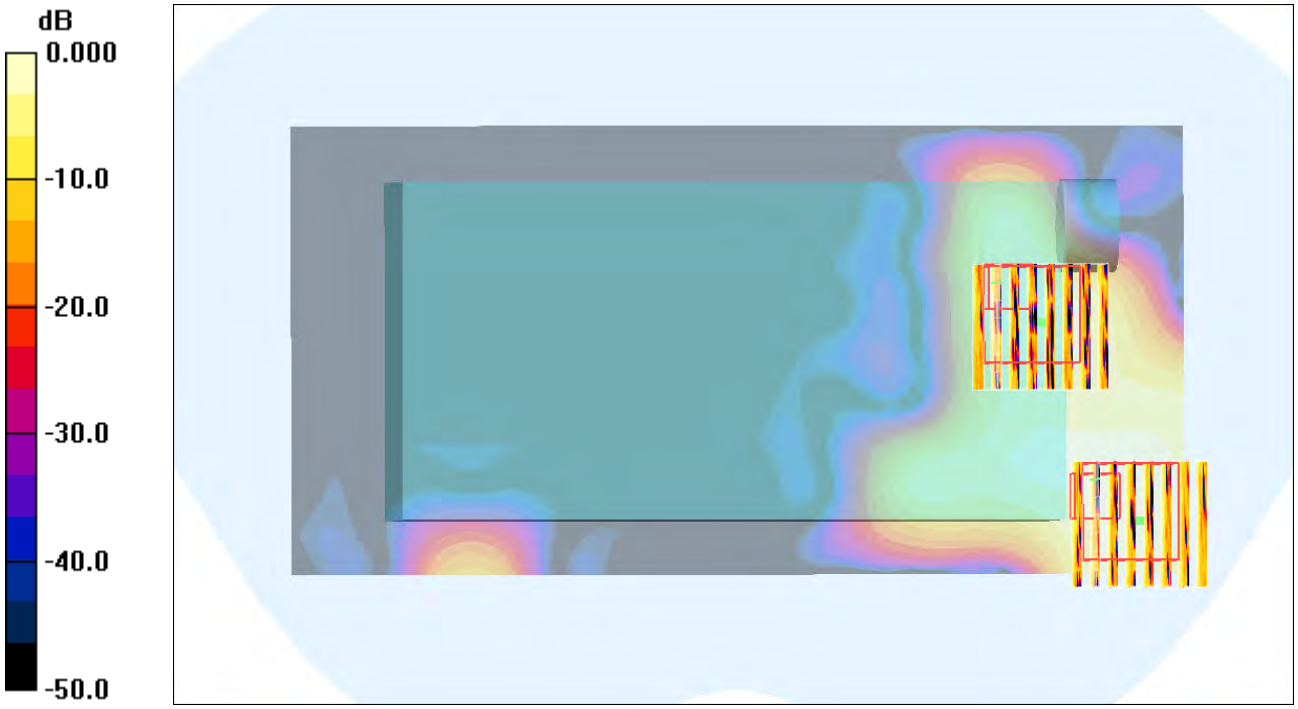
Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5320 MHz; σ = 5.48 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.24, 4.24, 4.24); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch64/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.102 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.422 V/m; Power Drift = 0.144 dB
Peak SAR (extrapolated) = 0.213 W/kg
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.114 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.422 V/m; Power Drift = 0.144 dB
Peak SAR (extrapolated) = 0.302 W/kg
SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.101 mW/g



0 dB = 0.101mW/g

#177 WLAN5G_ 802.11a_Front_0cm_Ch52_Keypad1_Camera2_Holster3

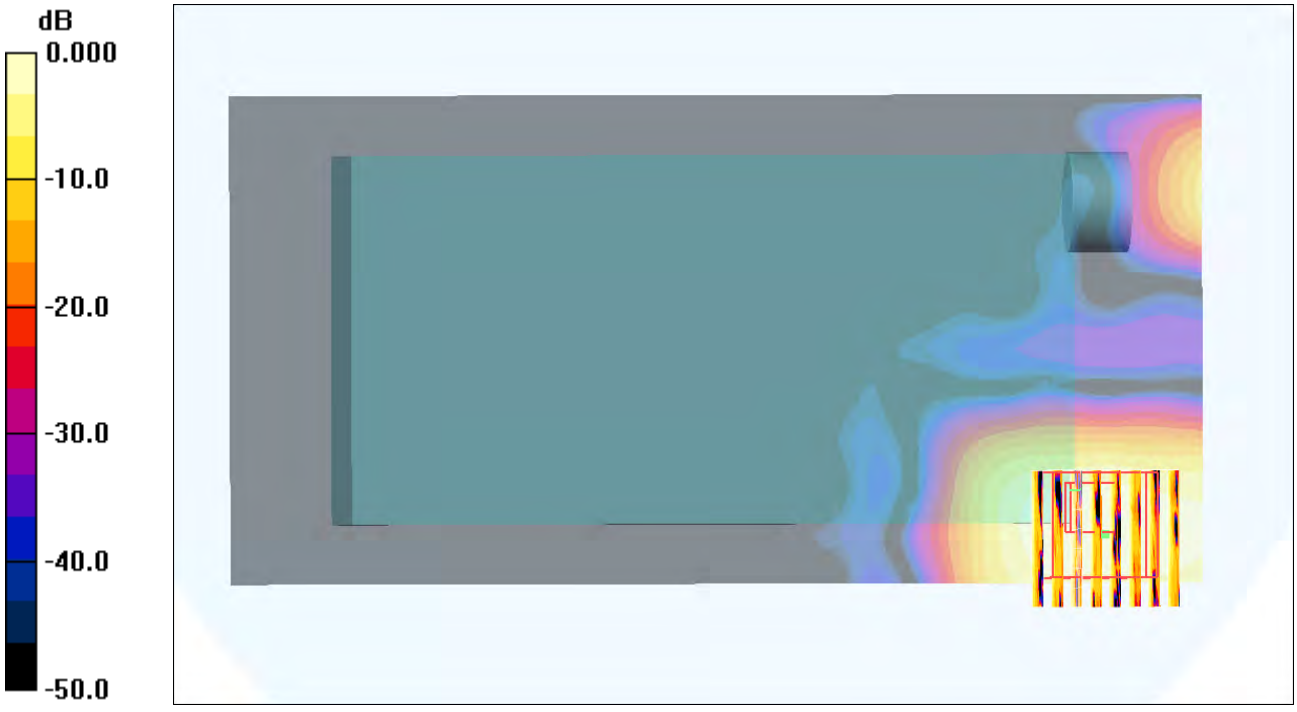
DUT: 221518-01

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5260 MHz; σ = 5.38 mho/m; ε_r = 47.3; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.24, 4.24, 4.24); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch52/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.123 mW/g

Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.258 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 0.211 W/kg
SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.097 mW/g



0 dB = 0.097mW/g

#178 WLAN5G_ 802.11a_Front_0cm_Ch64_Keypad1_Camera2_Holster3

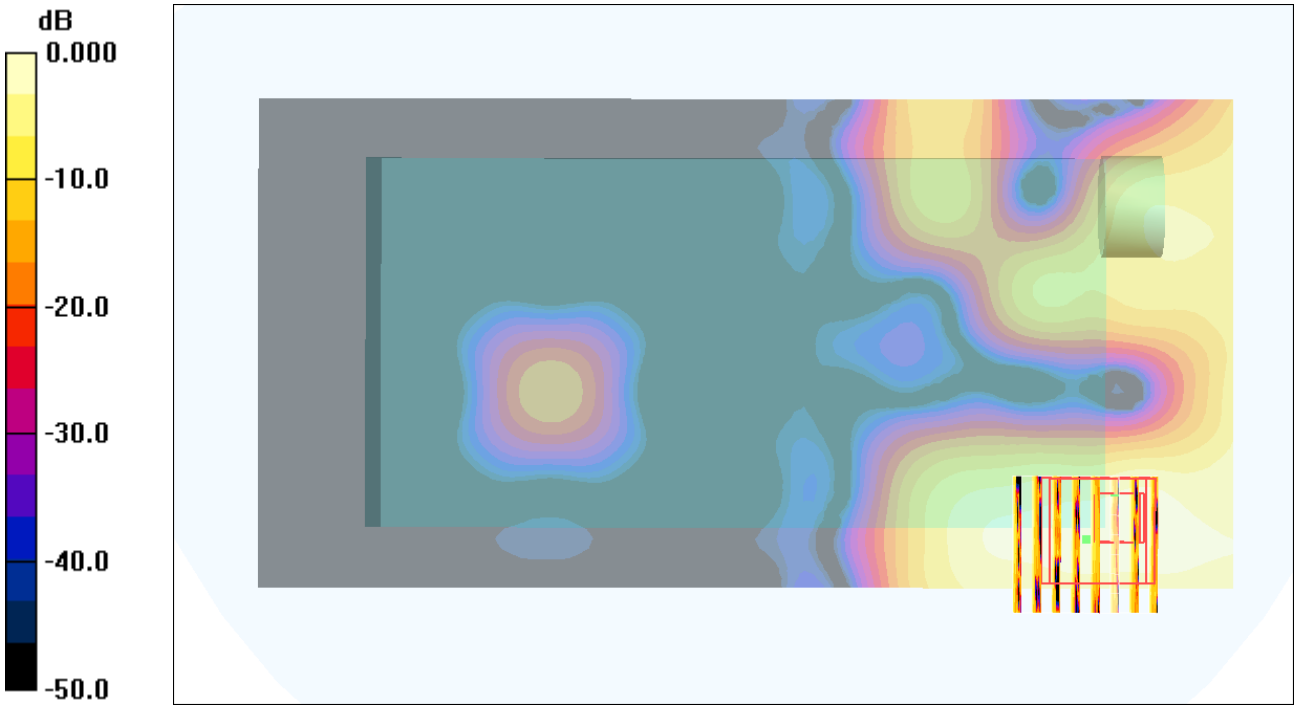
DUT: 221518-01

Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5320 MHz; σ = 5.48 mho/m; ε_r = 47.2; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.24, 4.24, 4.24); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch64/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.084 mW/g

Ch64/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.944 V/m; Power Drift = 0.101 dB
Peak SAR (extrapolated) = 0.219 W/kg
SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.102 mW/g



0 dB = 0.102mW/g

#125 WLAN5G_ 802.11a_Front_1.5cm_Ch140_Keypad1_Camera1

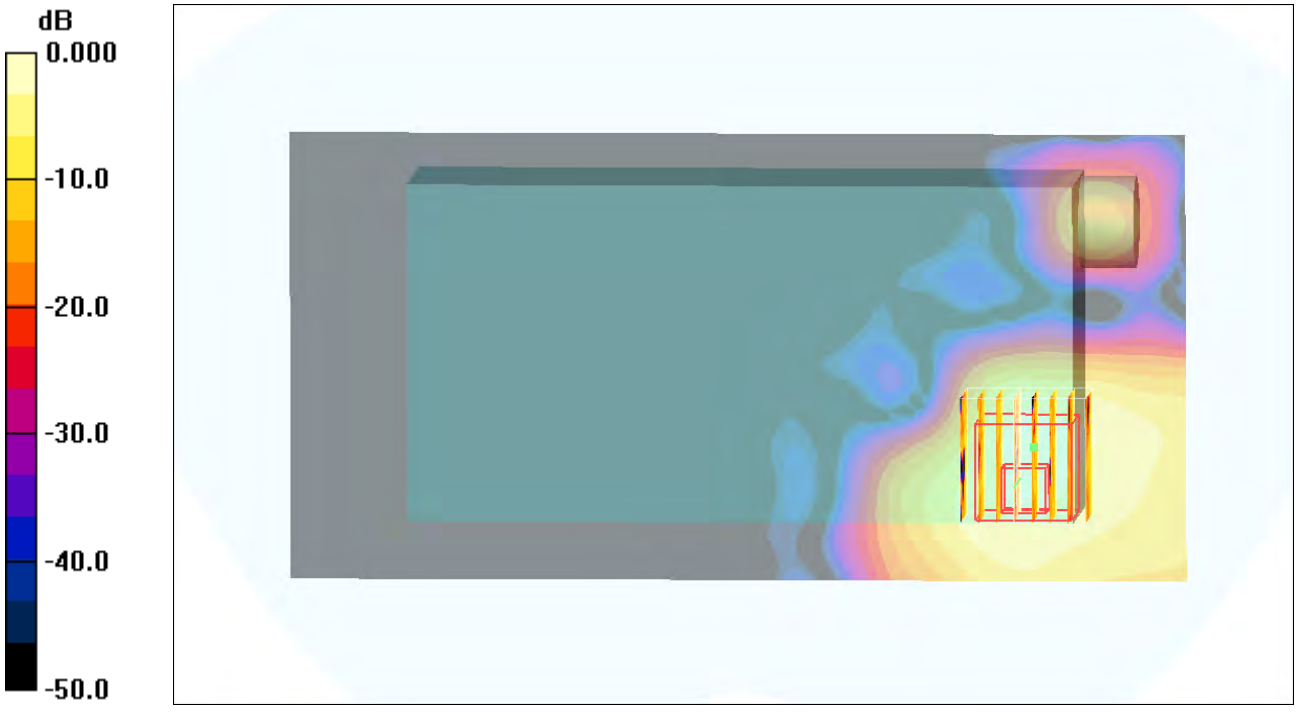
DUT: 221518-01

Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120627 Medium parameters used: f = 5700 MHz; σ = 5.82 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch140/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.155 mW/g

Ch140/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.505 V/m; Power Drift = 0.146 dB
Peak SAR (extrapolated) = 0.351 W/kg
SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.200 mW/g



0 dB = 0.200mW/g

#126 WLAN5G_ 802.11a_Back_1.5cm_Ch140_Keypad1_Camera1

DUT: 221518-01

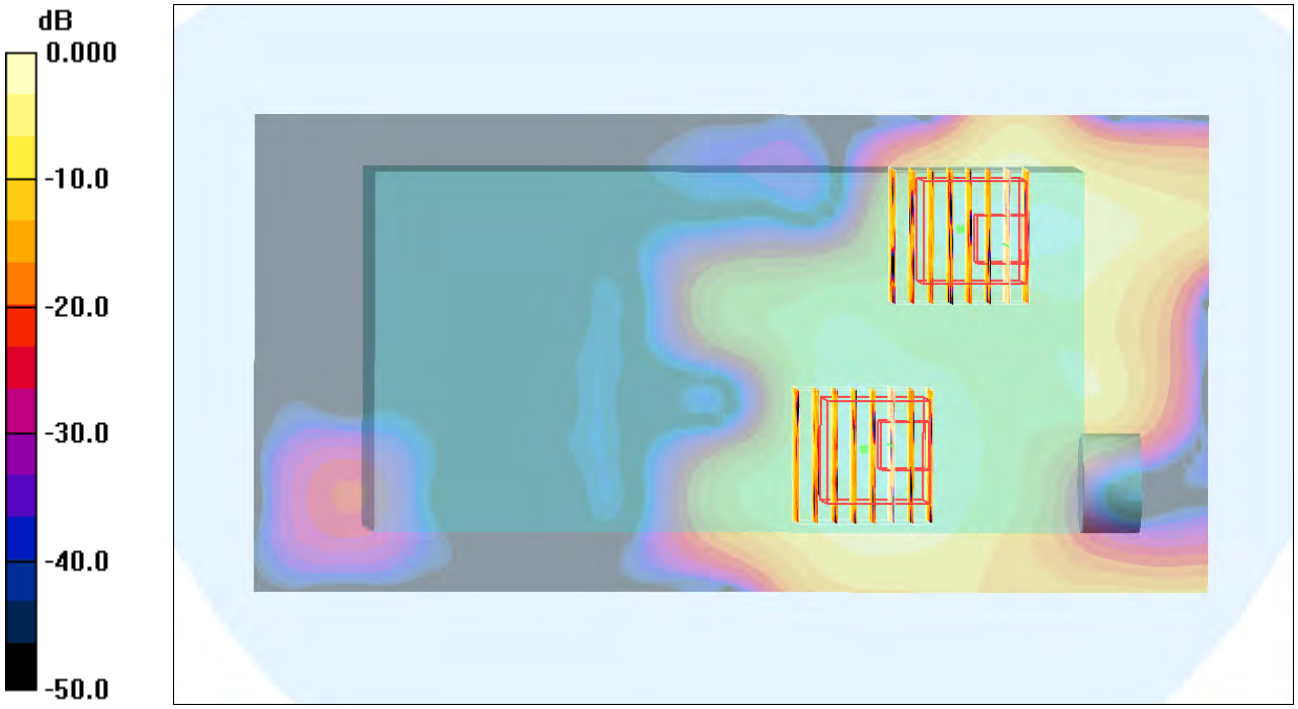
Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120627 Medium parameters used: f = 5700 MHz; σ = 5.82 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch140/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.114 mW/g

Ch140/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.40 V/m; Power Drift = -0.165 dB
Peak SAR (extrapolated) = 0.346 W/kg
SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.191 mW/g

Ch140/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.40 V/m; Power Drift = -0.165 dB
Peak SAR (extrapolated) = 0.292 W/kg
SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.161 mW/g



0 dB = 0.161mW/g

#127 WLAN5G_ 802.11a_Front_1.5cm_Ch140_Keypad2_Camera1

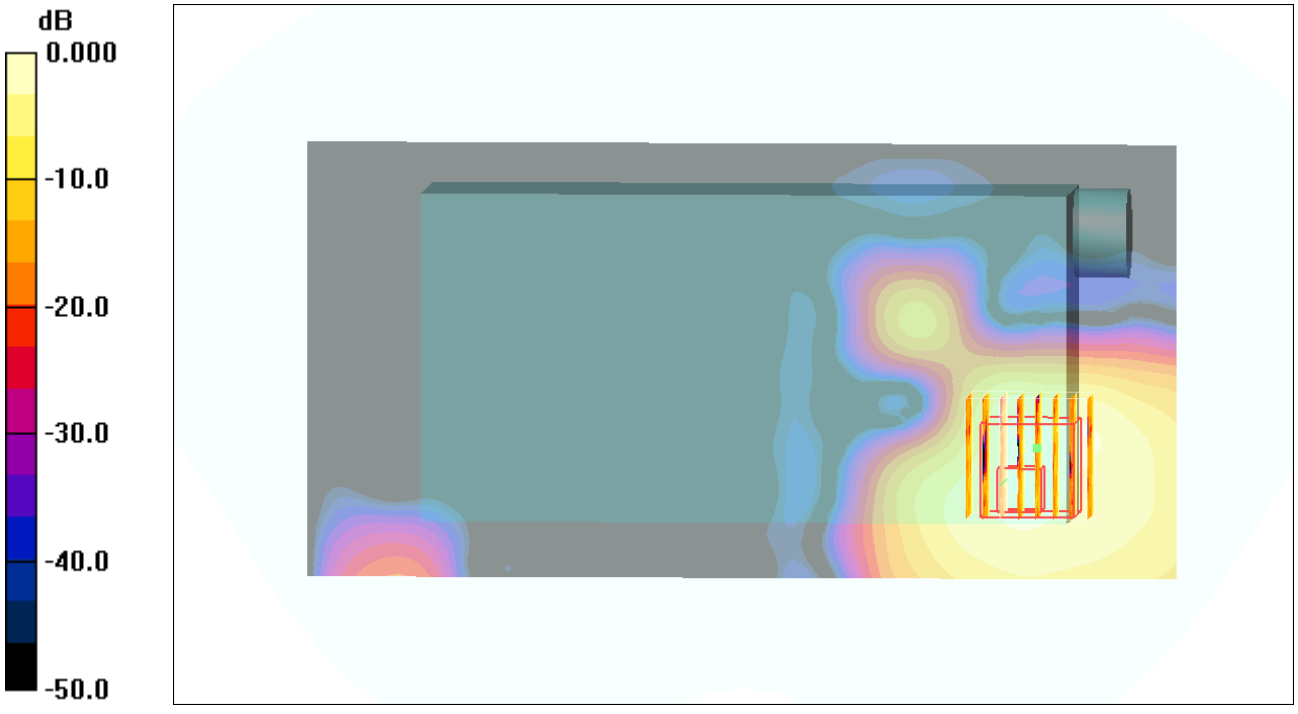
DUT: 221518-01

Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120627 Medium parameters used: f = 5700 MHz; σ = 5.82 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch140/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.156 mW/g

Ch140/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.128 V/m; Power Drift = 0.177 dB
Peak SAR (extrapolated) = 0.344 W/kg
SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.196 mW/g



0 dB = 0.196mW/g

#128 WLAN5G_ 802.11a_Front_1.5cm_Ch140_Keypad3_Camera1

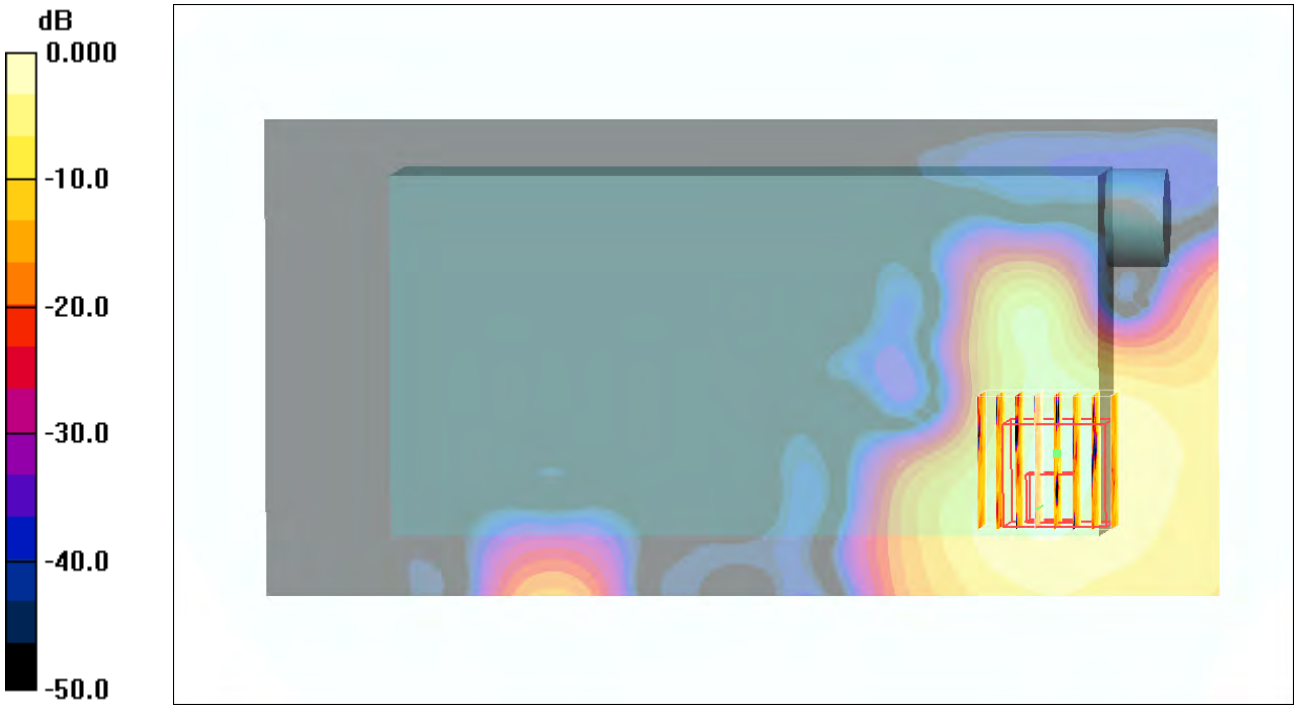
DUT: 221518-01

Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120627 Medium parameters used: f = 5700 MHz; σ = 5.82 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch140/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.120 mW/g

Ch140/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 0.329 W/kg
SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.181 mW/g



0 dB = 0.181mW/g

#168 WLAN5G_ 802.11a_Front_1.5cm_Ch140_Keypad1_Camera2

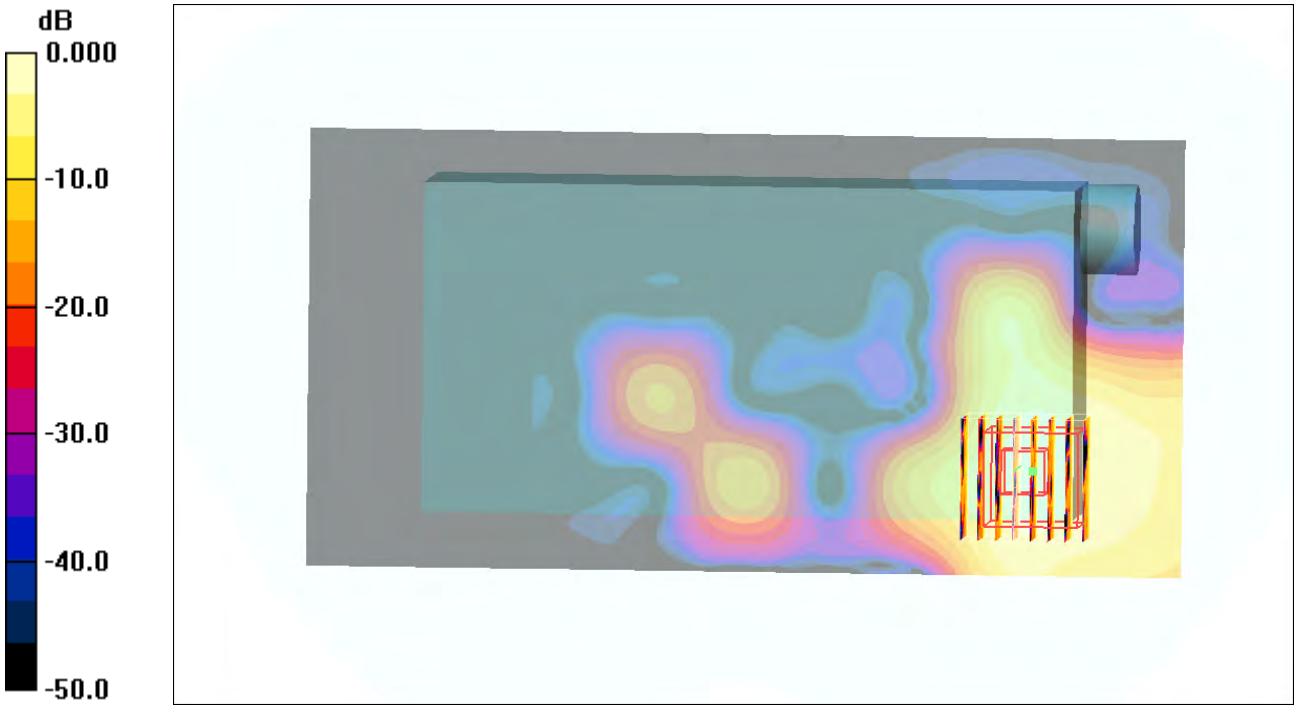
DUT: 221518-01

Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5700 MHz; σ = 6.04 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch140/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.153 mW/g

Ch140/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.295 V/m; Power Drift = 0.187 dB
Peak SAR (extrapolated) = 0.382 W/kg
SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.045 mW/g
Maximum value of SAR (measured) = 0.209 mW/g



0 dB = 0.209mW/g

#169 WLAN5G_ 802.11a_Front_1.5cm_Ch104_Keypad1_Camera2

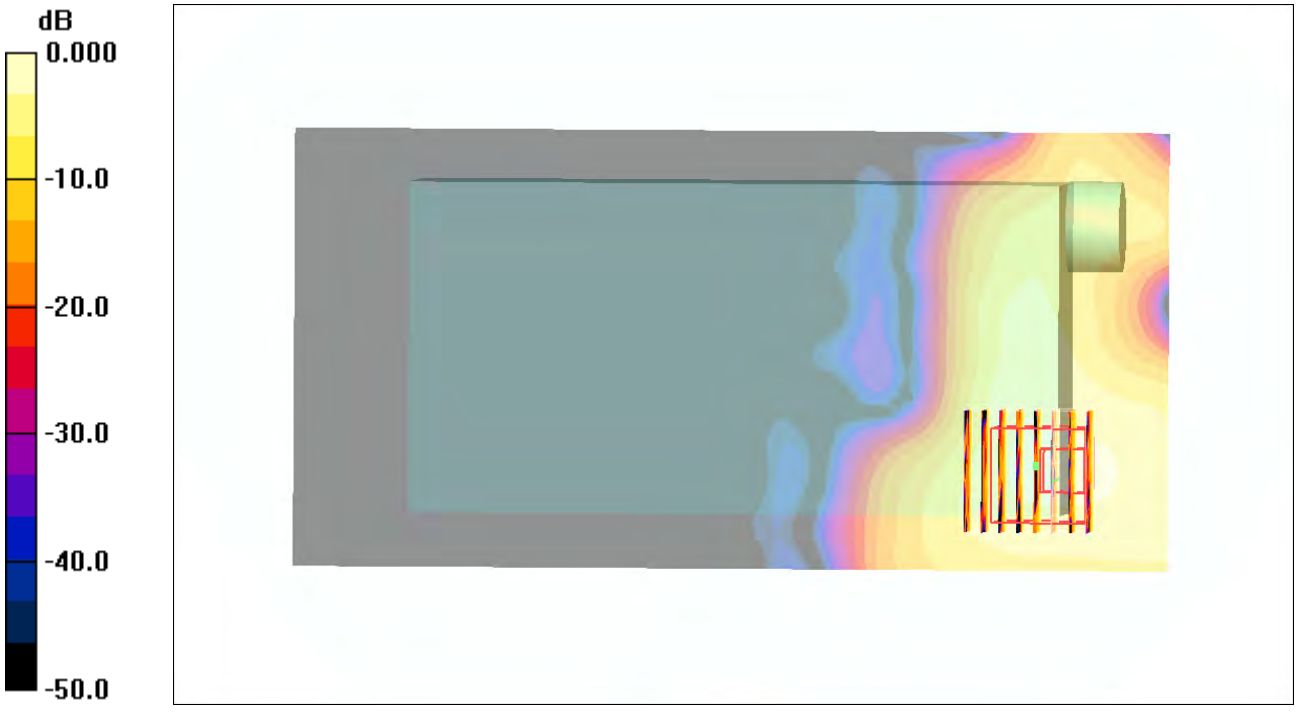
DUT: 221518-01

Communication System: 802.11a; Frequency: 5520 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5520 MHz; σ = 5.76 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch104/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.135 mW/g

Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.780 V/m; Power Drift = 0.172 dB
Peak SAR (extrapolated) = 0.470 W/kg
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.053 mW/g
Maximum value of SAR (measured) = 0.236 mW/g



0 dB = 0.236mW/g

#680_WLAN5G_802.11a_Front_1.5cm_Ch116;Keypad1_Camera2

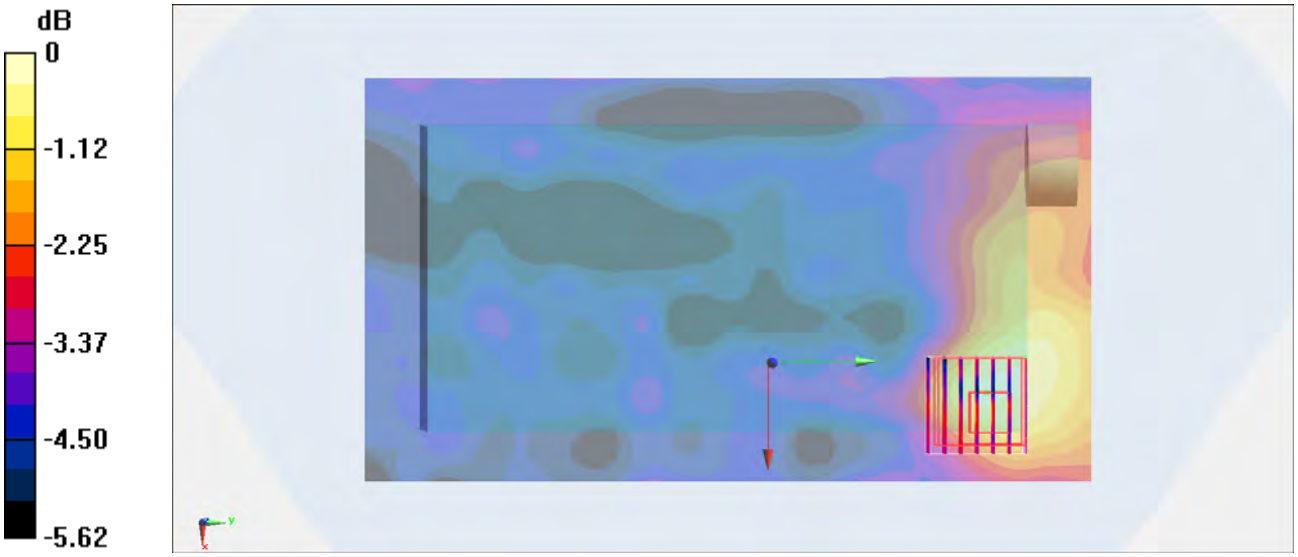
DUT: 320416

Communication System: 802.11a; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130208 Medium parameters used: f = 5580 MHz; σ = 5.764 mho/m; ε_r = 46.85; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.25, 3.25, 3.25); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch116/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.163 mW/g

Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.362 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.248 mW/g
SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.089 mW/g
Maximum value of SAR (measured) = 0.172 mW/g



0 dB = 0.172 mW/g = -15.29 dB mW/g

#179 WLAN5G_ 802.11a_Front_0cm_Ch140_Keypad1_Camera2_Holster2

DUT: 221518-01

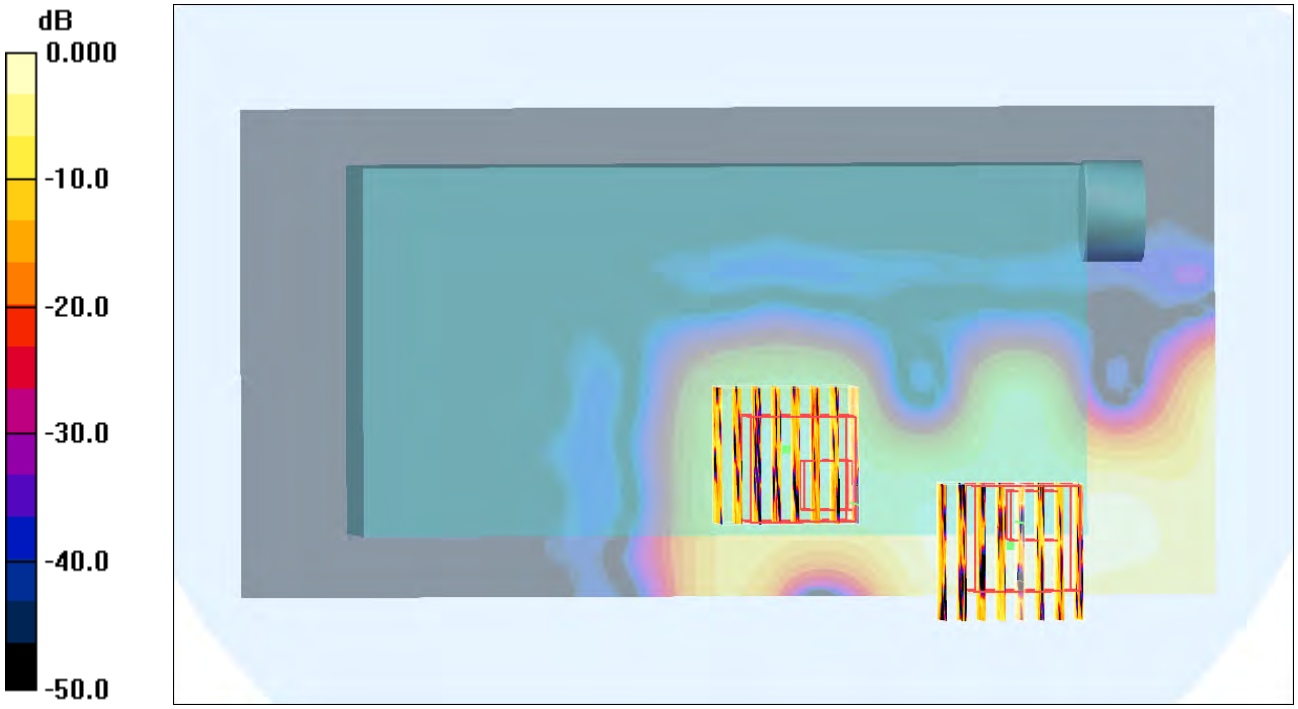
Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5700 MHz; σ = 6.04 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch140/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.071 mW/g

Ch140/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.145 dB
Peak SAR (extrapolated) = 0.178 W/kg
SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.102 mW/g

Ch140/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.145 dB
Peak SAR (extrapolated) = 0.221 W/kg
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.00984 mW/g
Maximum value of SAR (measured) = 0.072 mW/g



0 dB = 0.072mW/g

#180 WLAN5G_ 802.11a_Front_0cm_Ch104_Keypad1_Camera2_Holster2

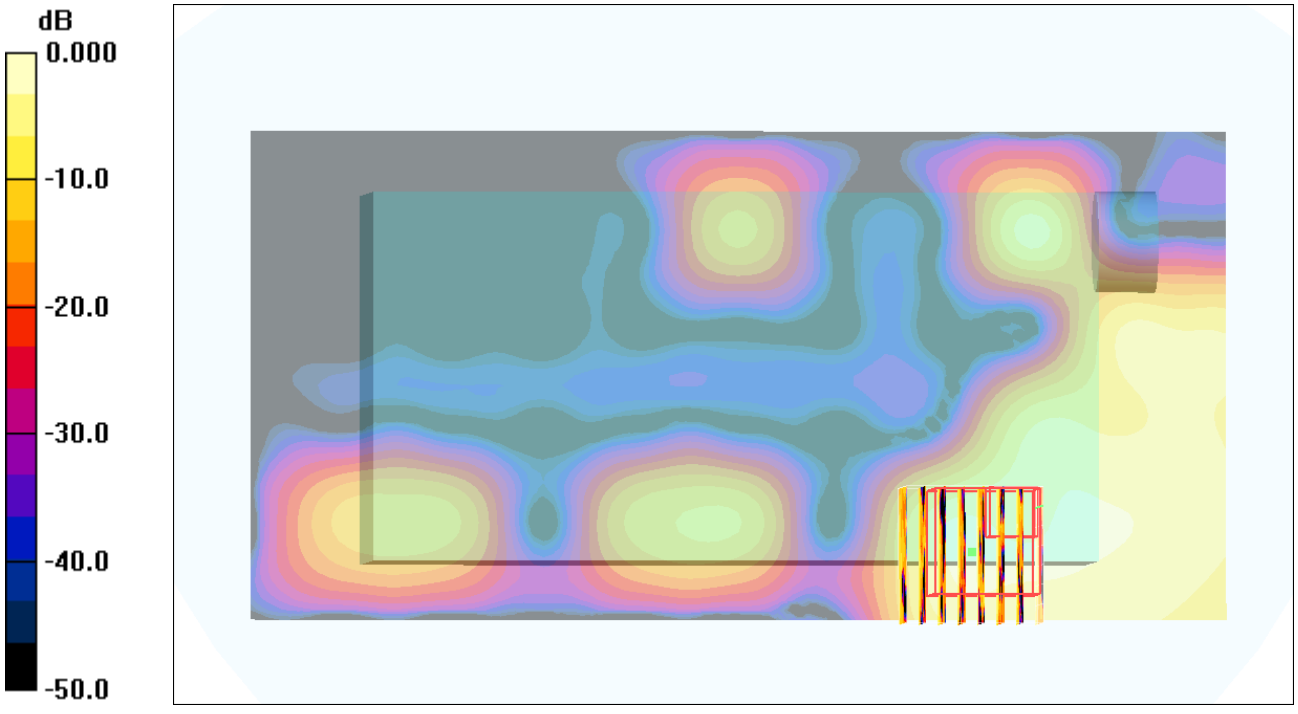
DUT: 221518-01

Communication System: 802.11a; Frequency: 5520 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5520 MHz; σ = 5.76 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch104/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.080 mW/g

Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.136 dB
Peak SAR (extrapolated) = 0.216 W/kg
SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.112 mW/g



0 dB = 0.112mW/g

#181 WLAN5G_ 802.11a_Front_0cm_Ch116_Keypad1_Camera2_Holster2

DUT: 221518-01

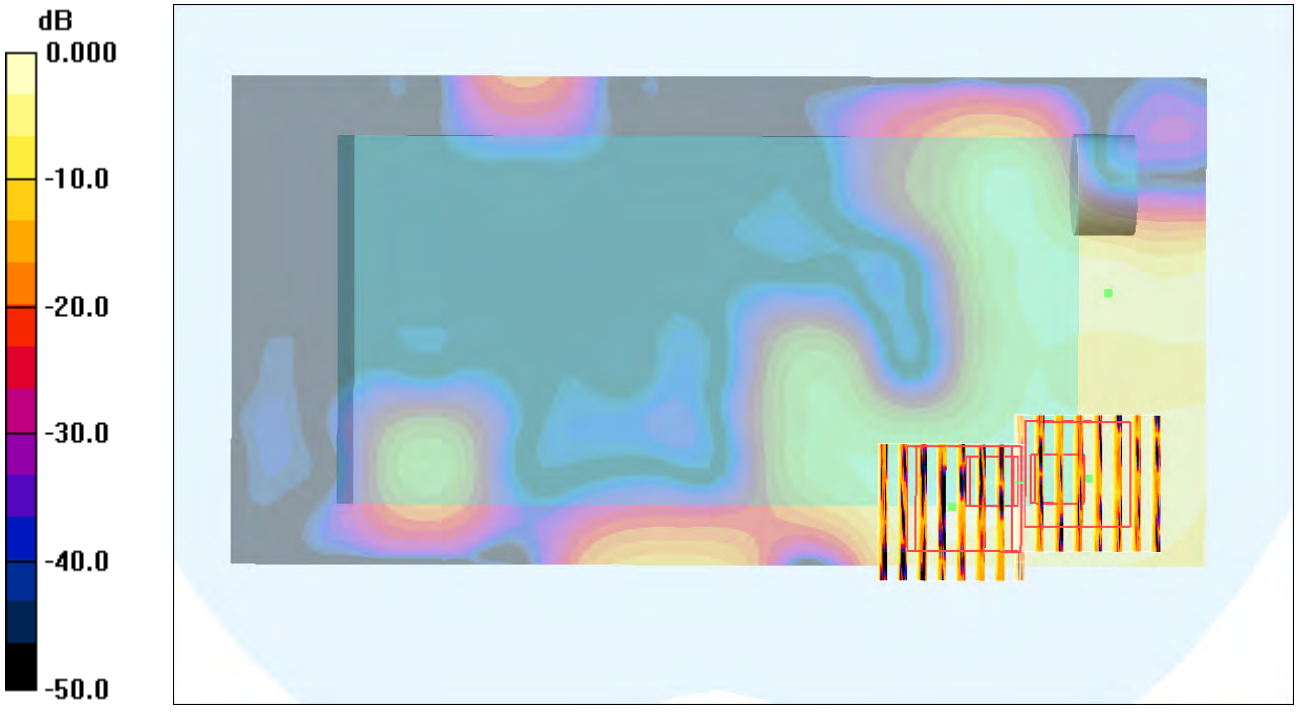
Communication System: 802.11a; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5580 MHz; σ = 5.84 mho/m; ε_r = 46.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch116/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.083 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.03 V/m; Power Drift = 0.143 dB
Peak SAR (extrapolated) = 0.368 W/kg
SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.140 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.03 V/m; Power Drift = 0.143 dB
Peak SAR (extrapolated) = 0.333 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.142 mW/g



0 dB = 0.142mW/g

#182 WLAN5G_ 802.11a_Front_0cm_Ch140_Keypad1_Camera2_Holster3

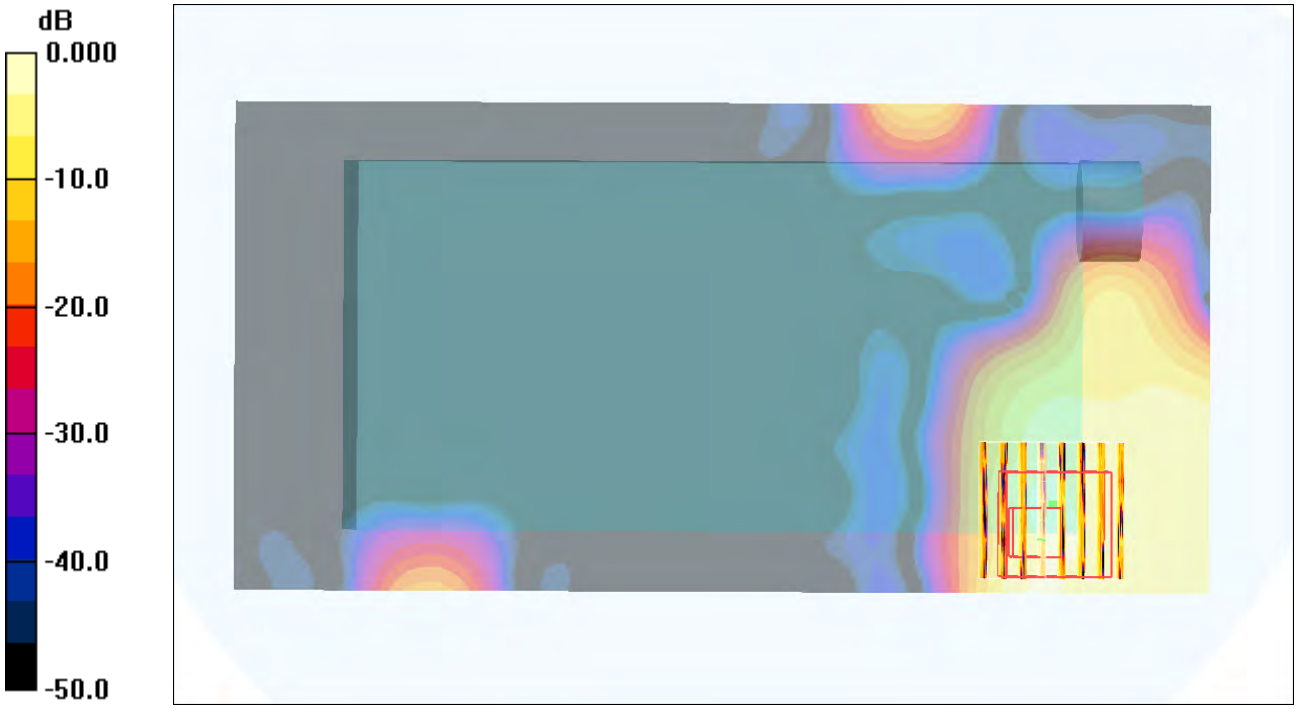
DUT: 221518-01

Communication System: 802.11a; Frequency: 5700 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5700 MHz; σ = 6.04 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch140/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.056 mW/g

Ch140/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 0.192 W/kg
SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.098 mW/g



0 dB = 0.098mW/g

#183 WLAN5G_ 802.11a_Front_0cm_Ch104_Keypad1_Camera2_Holster3

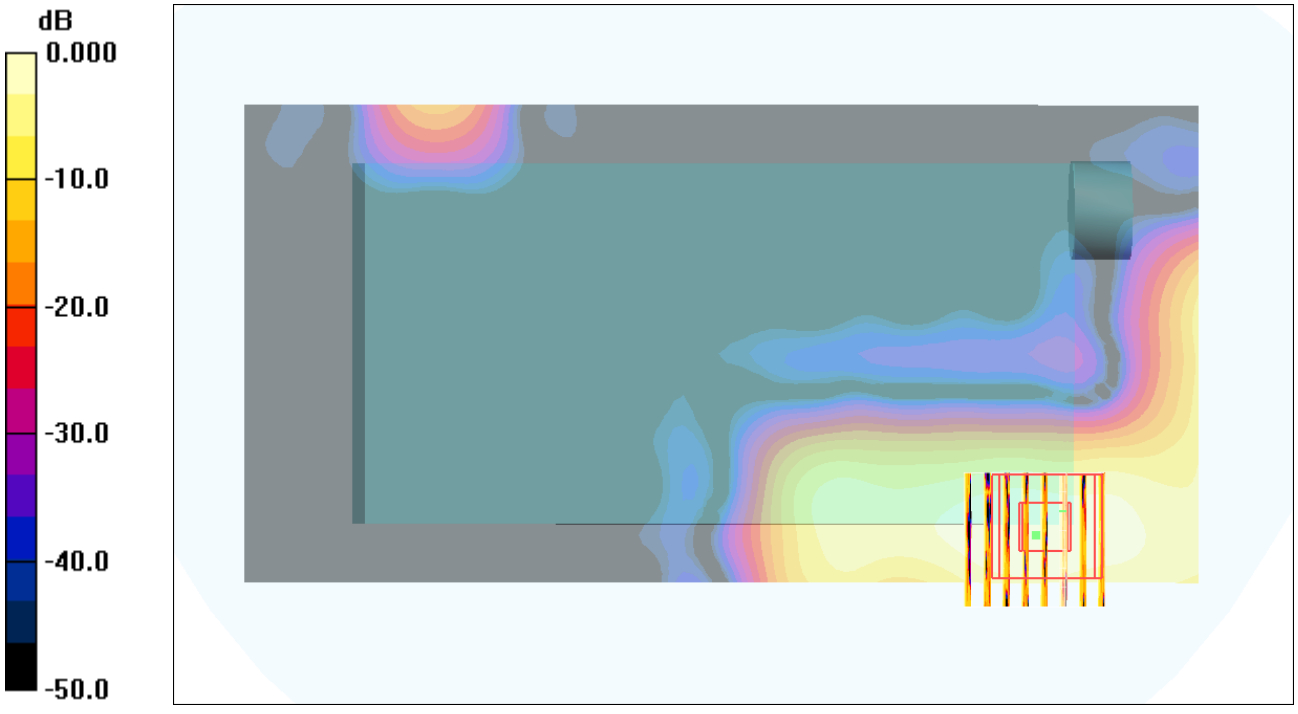
DUT: 221518-01

Communication System: 802.11a; Frequency: 5520 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5520 MHz; σ = 5.76 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch104/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.136 mW/g

Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.01 V/m; Power Drift = 0.182 dB
Peak SAR (extrapolated) = 0.249 W/kg
SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.122 mW/g



0 dB = 0.122mW/g

#184 WLAN5G_ 802.11a_Front_0cm_Ch116_Keypad1_Camera2_Holster3

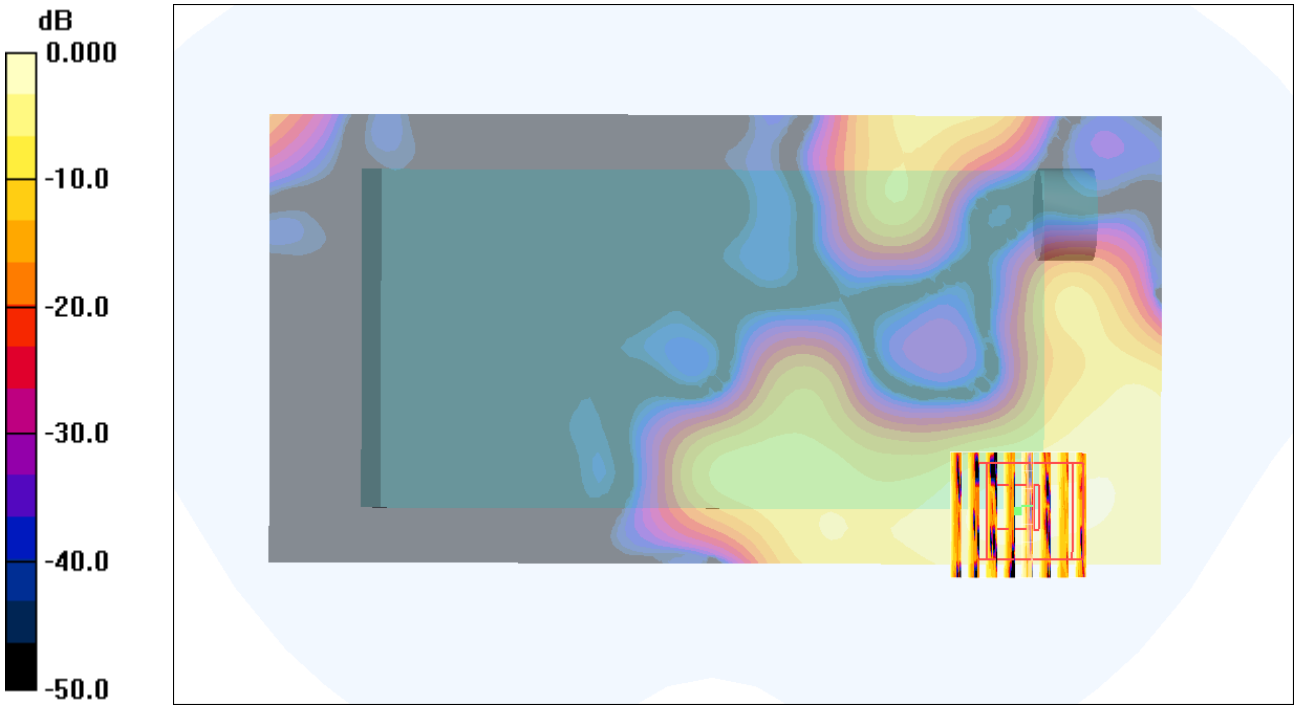
DUT: 221518-01

Communication System: 802.11a; Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5580 MHz; σ = 5.84 mho/m; ε_r = 46.8; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch116/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.086 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.802 V/m; Power Drift = 0.163 dB
Peak SAR (extrapolated) = 0.336 W/kg
SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.143 mW/g



0 dB = 0.143mW/g

#117 WLAN5G_ 802.11a_Front_1.5cm_Ch161_Keypad1_Camera1

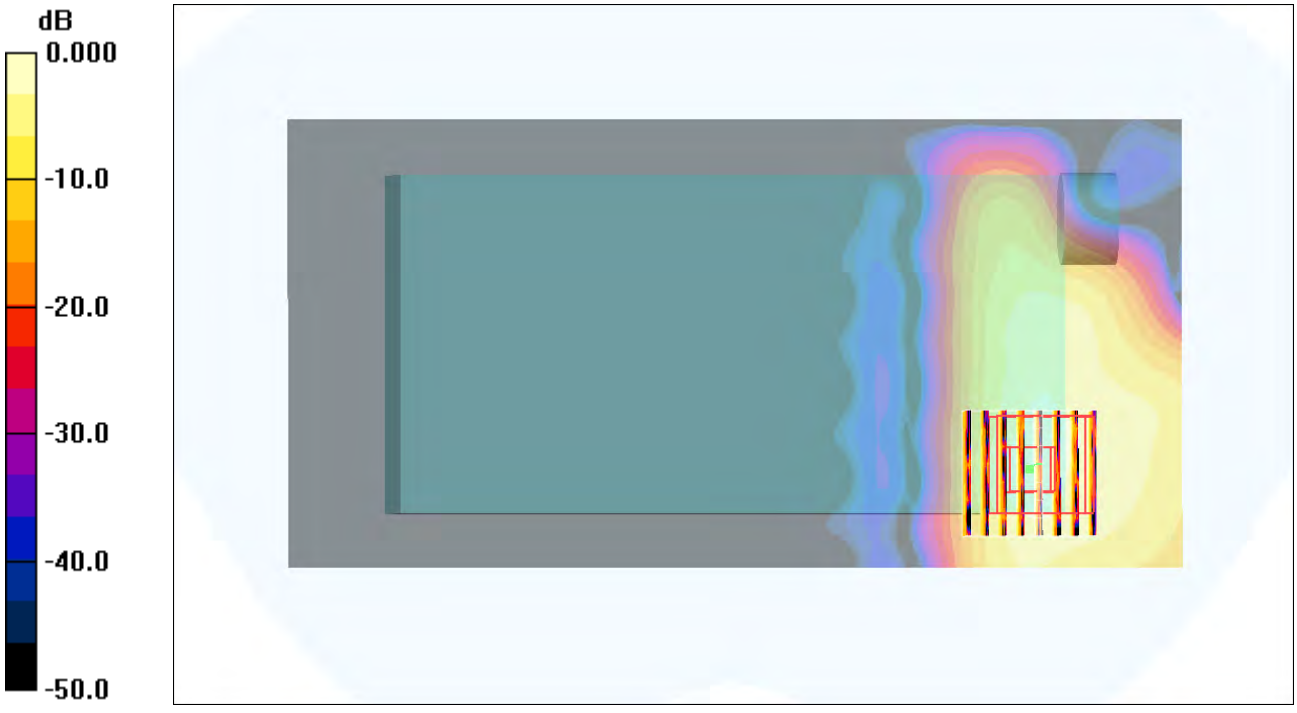
DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120627 Medium parameters used: f = 5805 MHz; σ = 6 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.240 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 0.561 W/kg
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.064 mW/g
Maximum value of SAR (measured) = 0.291 mW/g



0 dB = 0.291mW/g

#118 WLAN5G_ 802.11a_Back_1.5cm_Ch161_Keypad1_Camera1

DUT: 221518-01

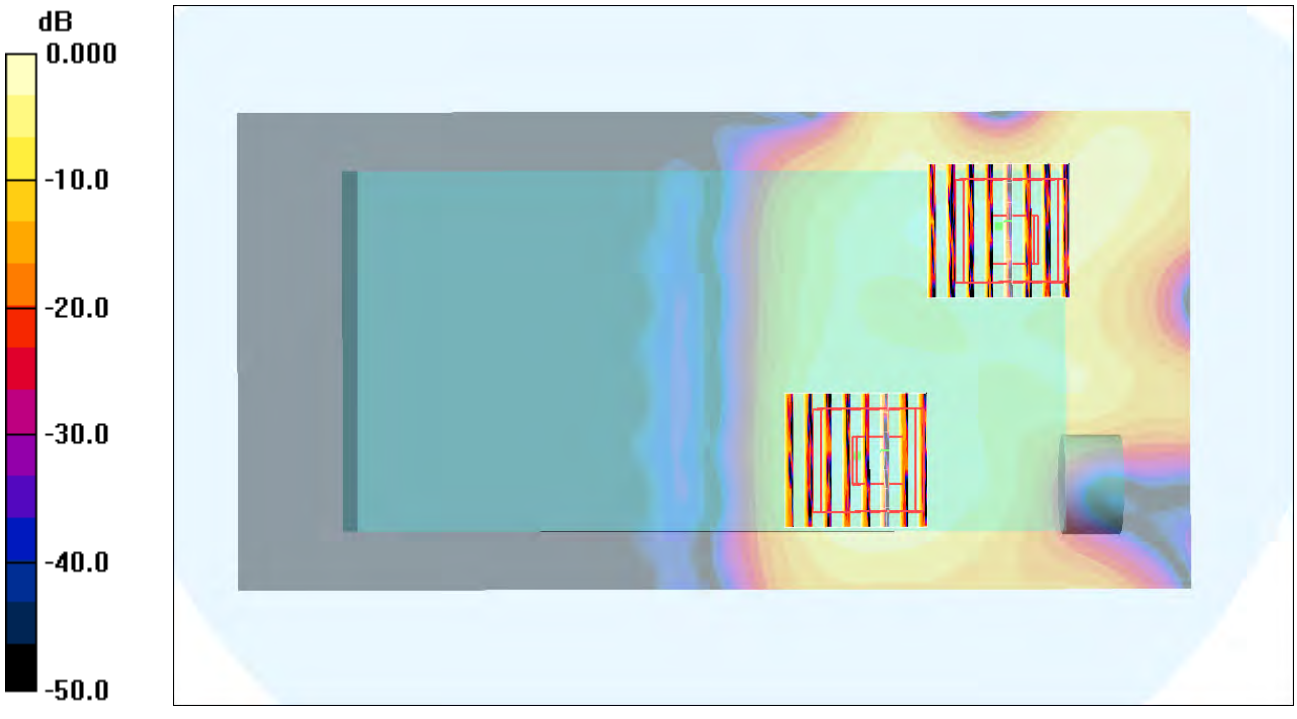
Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120627 Medium parameters used: f = 5805 MHz; σ = 6 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.196 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.27 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.471 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.058 mW/g
Maximum value of SAR (measured) = 0.320 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.27 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.496 W/kg
SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.276 mW/g



0 dB = 0.276mW/g

#124 WLAN5G_ 802.11a_Front_1.5cm_Ch161_Keypad2_Camera1

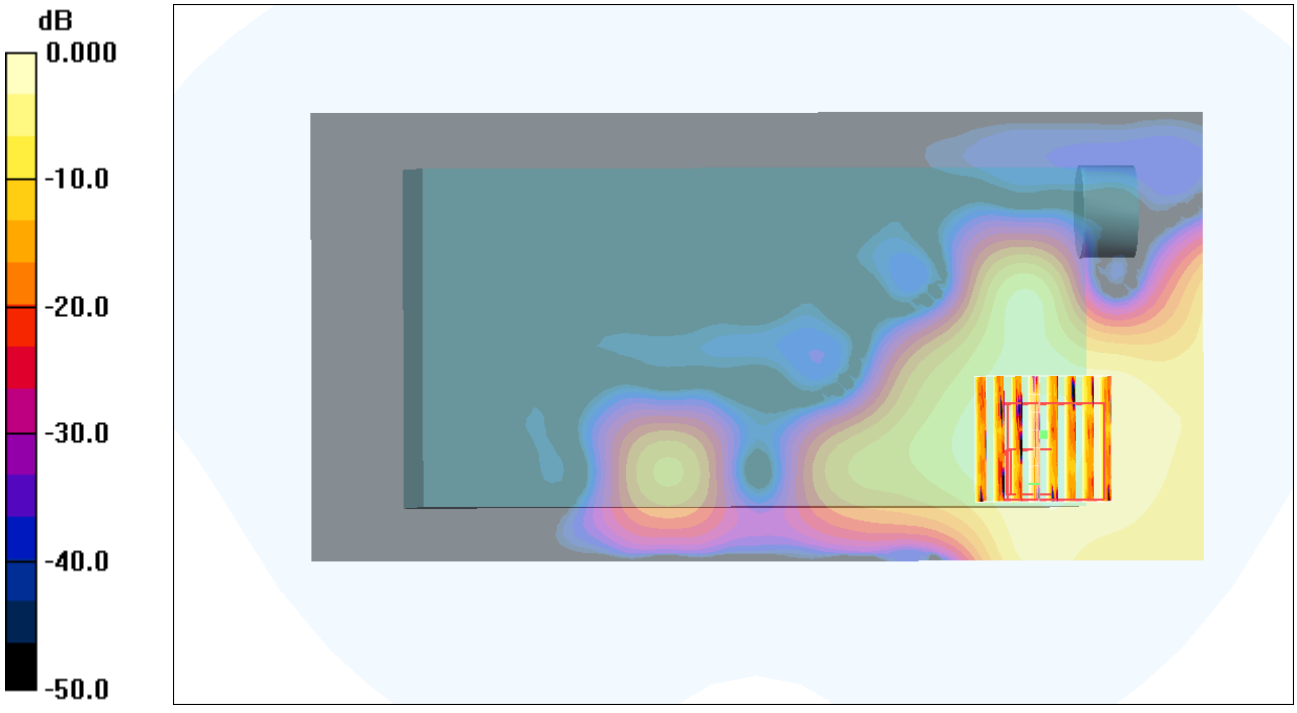
DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120627 Medium parameters used: f = 5805 MHz; σ = 6 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.148 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.114 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.231 mW/g



0 dB = 0.231mW/g

#121 WLAN5G_ 802.11a_Front_1.5cm_Ch161_Keypad3_Camera1

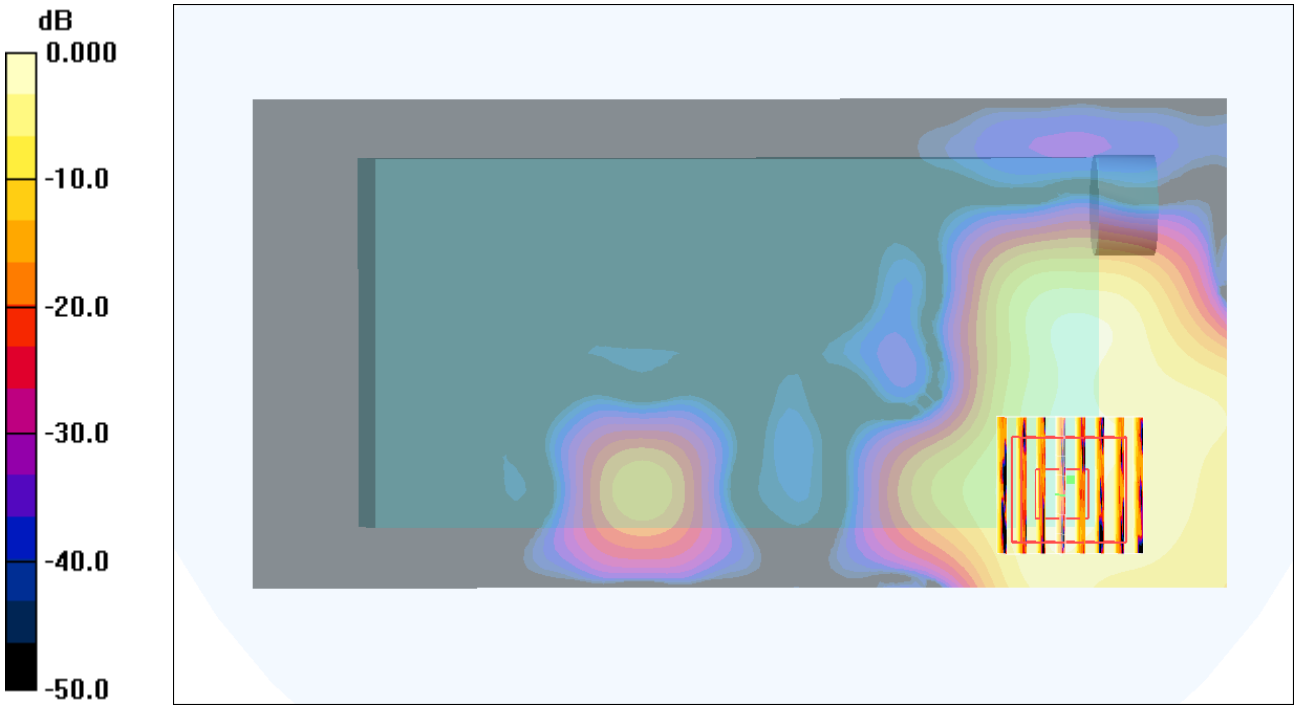
DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120627 Medium parameters used: f = 5805 MHz; σ = 6 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.170 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.126 dB
Peak SAR (extrapolated) = 0.475 W/kg
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.257 mW/g



0 dB = 0.257mW/g

#163 WLAN5G_ 802.11a_Front_1.5cm_Ch161_Keypad1_Camera2

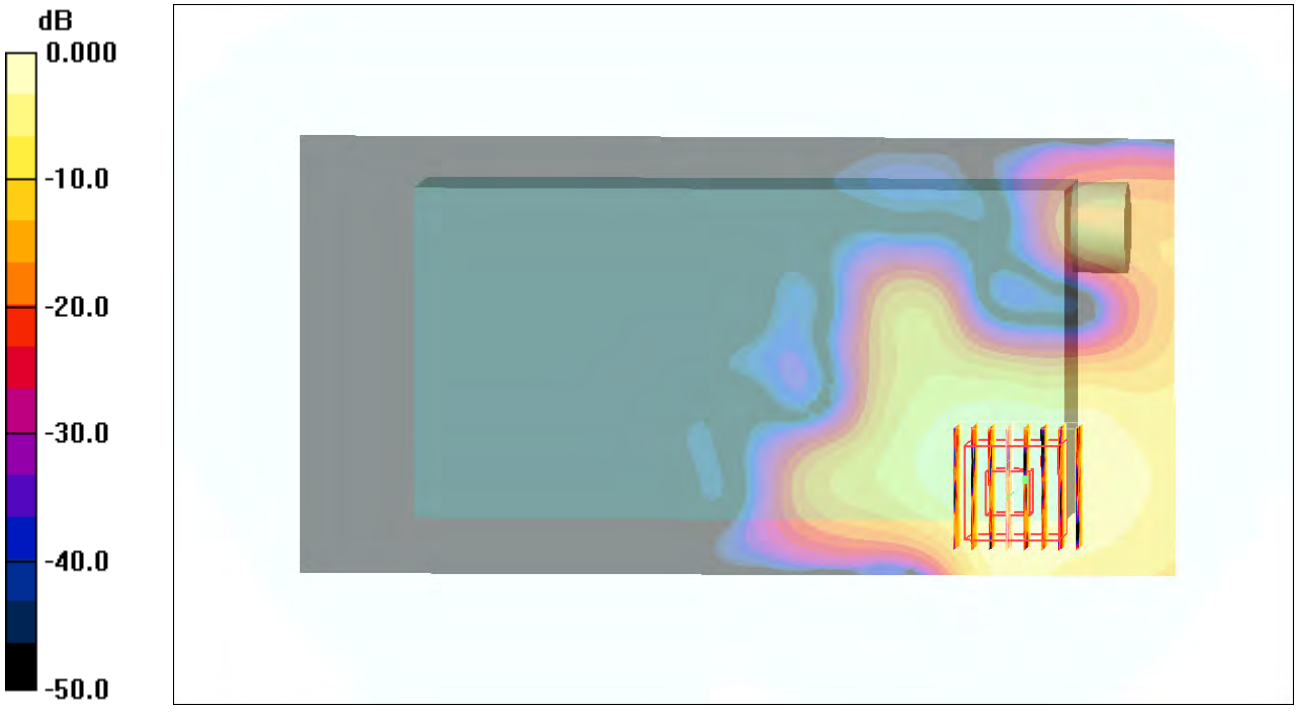
DUT: 221518-01

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5805 MHz; σ = 6.24 mho/m; ε_r = 46.4; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.186 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.000 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 0.527 W/kg
SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.065 mW/g
Maximum value of SAR (measured) = 0.294 mW/g



0 dB = 0.294mW/g

#681_WLAN5G_802.11a_Front_1.5cm_Ch149;Keypad1_Camera2

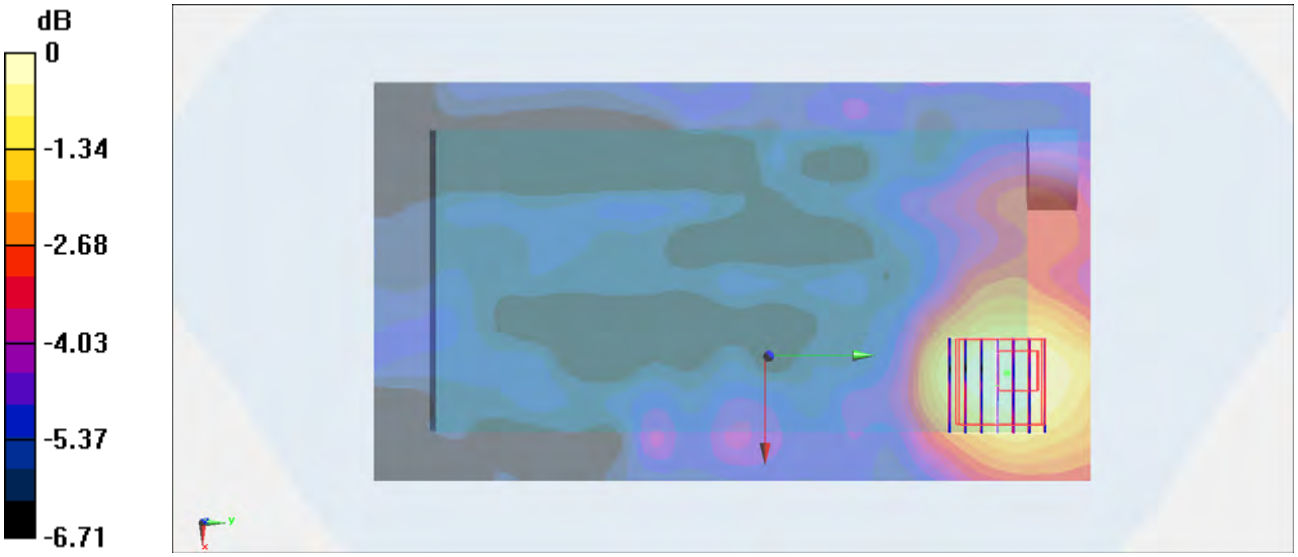
DUT: 320416

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130208 Medium parameters used: f = 5745 MHz; σ = 6.085 mho/m; ε_r = 46.7; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.43, 3.43, 3.43); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch149/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.224 mW/g

Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.760 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.355 mW/g
SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.101 mW/g
Maximum value of SAR (measured) = 0.221 mW/g



0 dB = 0.221 mW/g = -13.11 dB mW/g

#801_WLAN5G_802.11n-HT20_Front_1.5cm_Ch165;Keypad1_Camera2

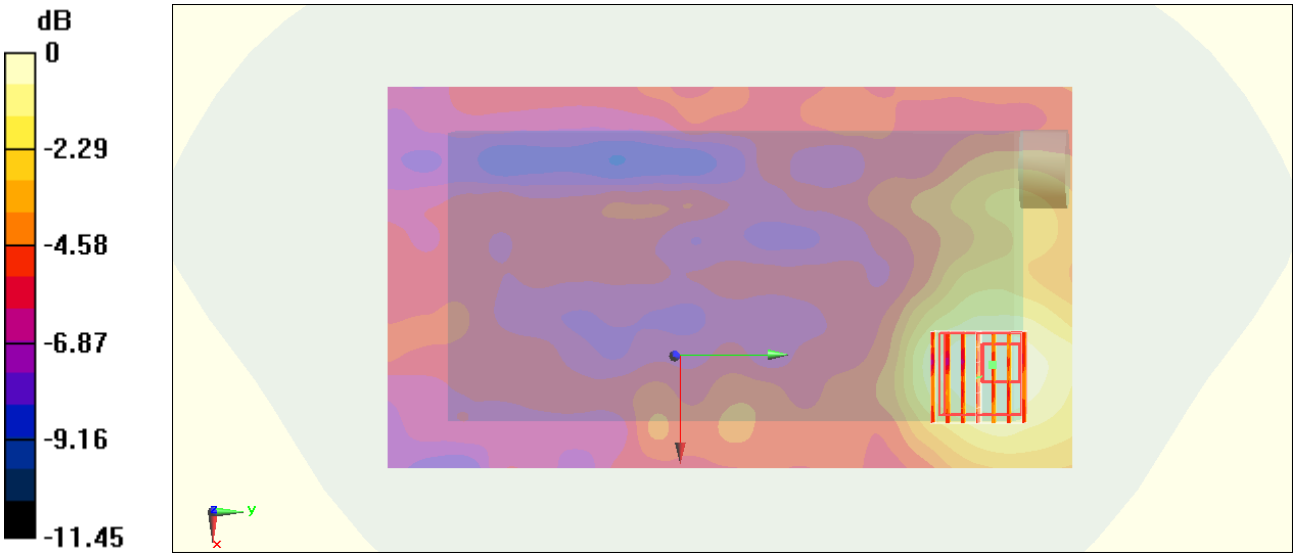
DUT: 320416

Communication System: 802.11n; Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130402 Medium parameters used: f = 5825 MHz; σ = 6.193 mho/m; ε_r = 46.405; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.43, 3.43, 3.43); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: SAM RIGHT; Type: SAM; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch165/Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.202 mW/g

Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.470 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.336 mW/g
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.098 mW/g
Maximum value of SAR (measured) = 0.214 mW/g



0 dB = 0.214 mW/g = -13.39 dB mW/g

#185 WLAN5G_ 802.11a_Front_0cm_Ch161_Keypad1_Camera2_Holster2

DUT: 221518-01

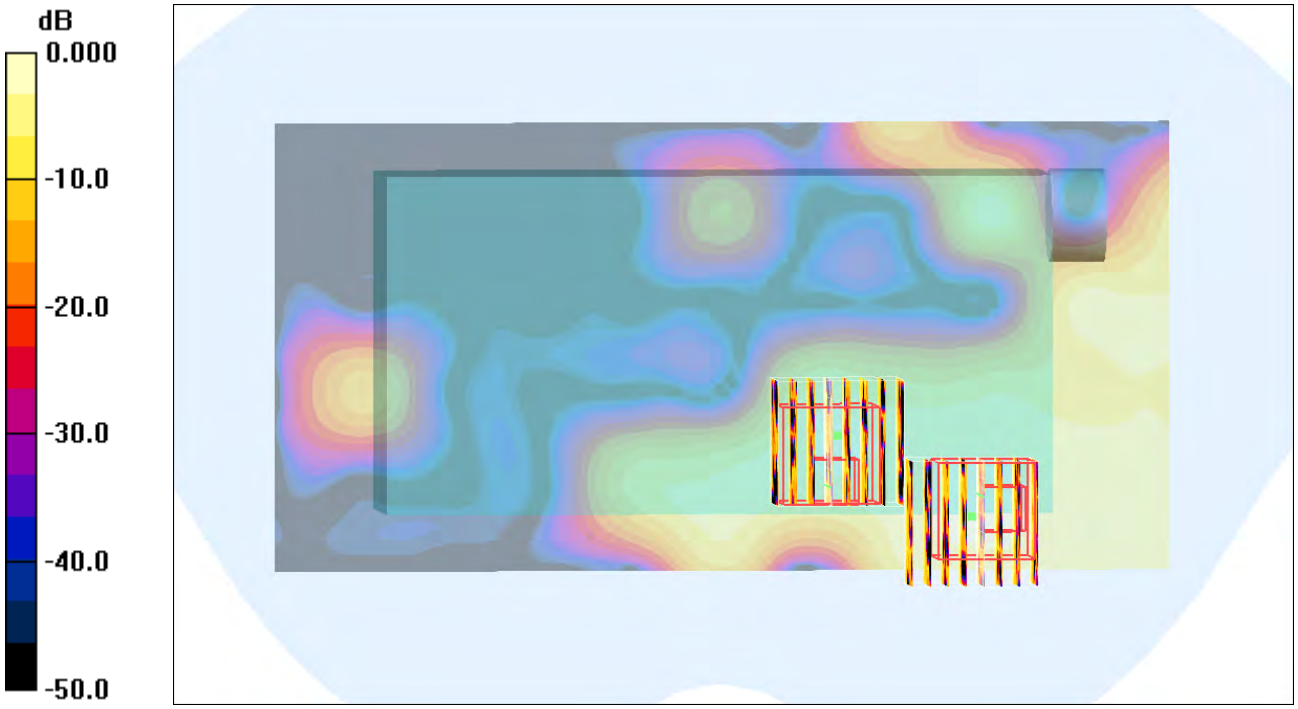
Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5805 MHz; σ = 6.24 mho/m; ε_r = 46.4; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.066 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.878 V/m; Power Drift = 0.148 dB
Peak SAR (extrapolated) = 0.188 W/kg
SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.121 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.878 V/m; Power Drift = 0.148 dB
Peak SAR (extrapolated) = 0.392 W/kg
SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.106 mW/g



0 dB = 0.106mW/g

#186 WLAN5G_ 802.11a_Front_0cm_Ch149_Keypad1_Camera2_Holster2

DUT: 221518-01

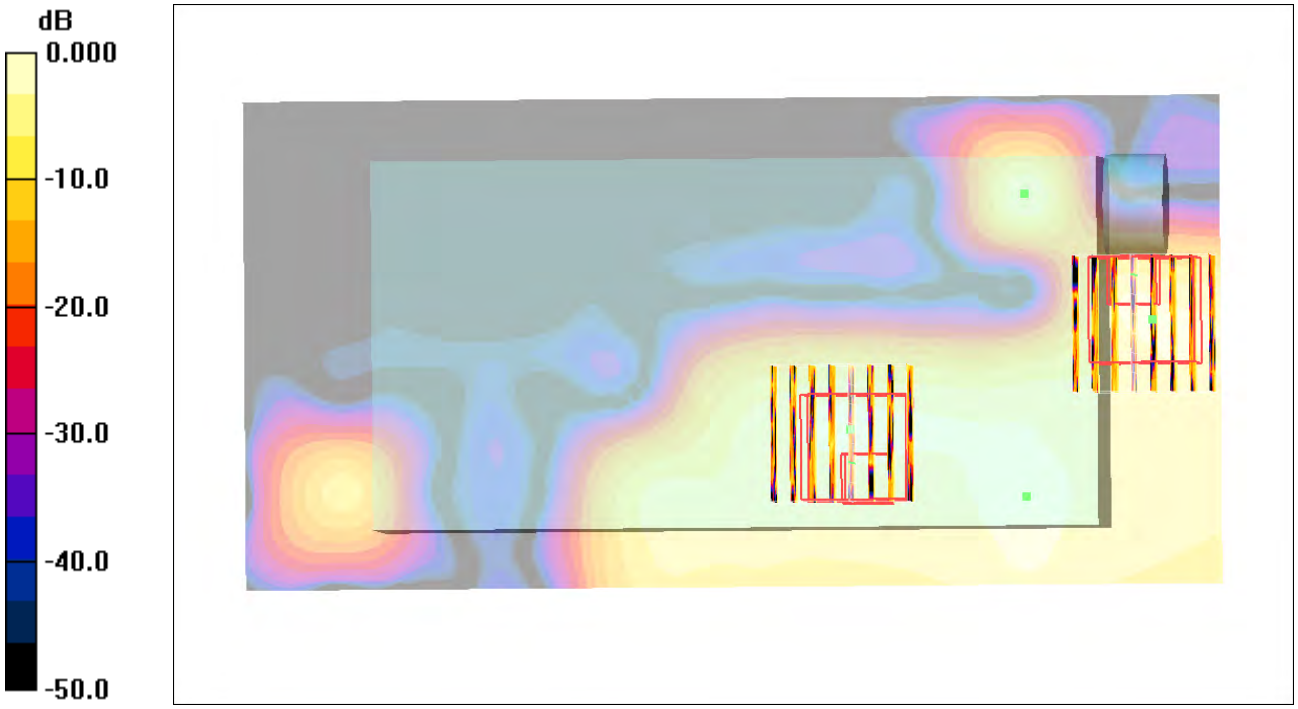
Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5745 MHz; σ = 6.17 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch149/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.056 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.925 V/m; Power Drift = 0.179 dB
Peak SAR (extrapolated) = 0.352 W/kg
SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.112 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.925 V/m; Power Drift = 0.179 dB
Peak SAR (extrapolated) = 0.494 W/kg
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.089 mW/g



0 dB = 0.089mW/g

#187 WLAN5G_ 802.11a_Front_0cm_Ch161_Keypad1_Camera2_Holster3

DUT: 221518-01

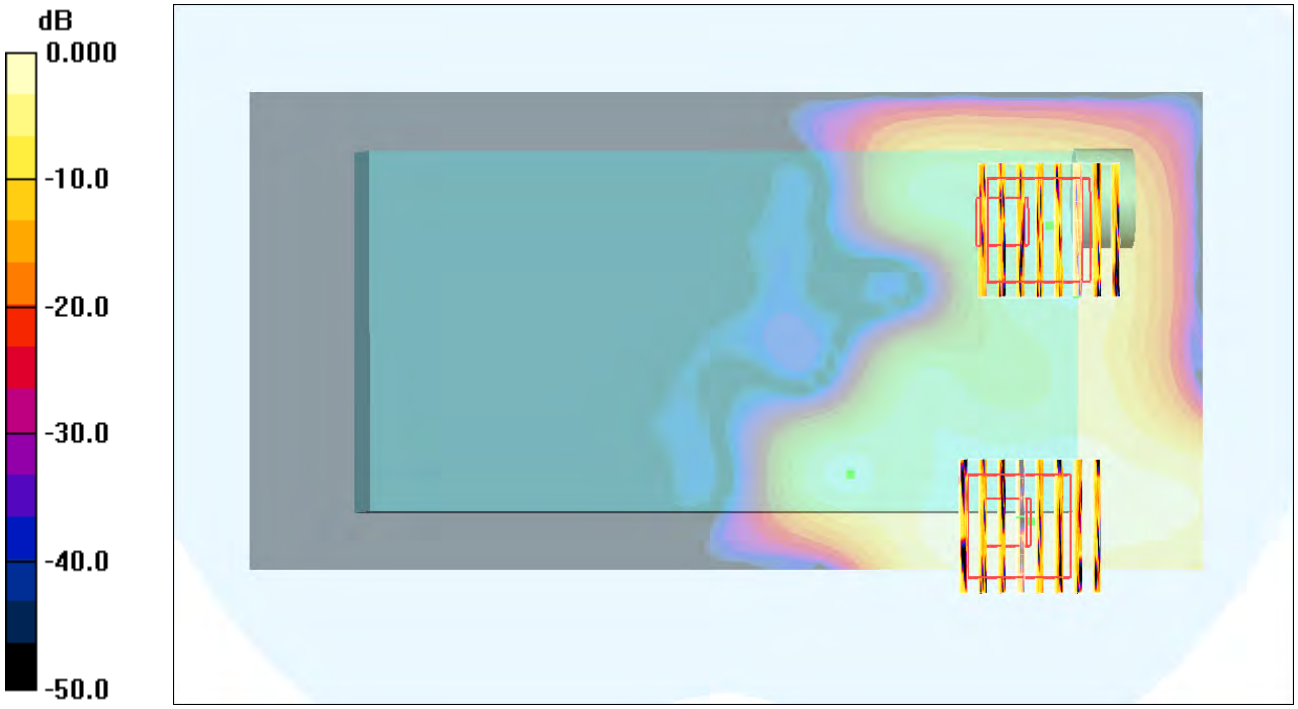
Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5805 MHz; σ = 6.24 mho/m; ε_r = 46.4; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch161/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.058 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.943 V/m; Power Drift = 0.156 dB
Peak SAR (extrapolated) = 0.301 W/kg
SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.122 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.943 V/m; Power Drift = 0.156 dB
Peak SAR (extrapolated) = 0.419 W/kg
SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.072 mW/g



0 dB = 0.072mW/g

#188 WLAN5G_ 802.11a_Front_0cm_Ch149_Keypad1_Camera2_Holster3

DUT: 221518-01

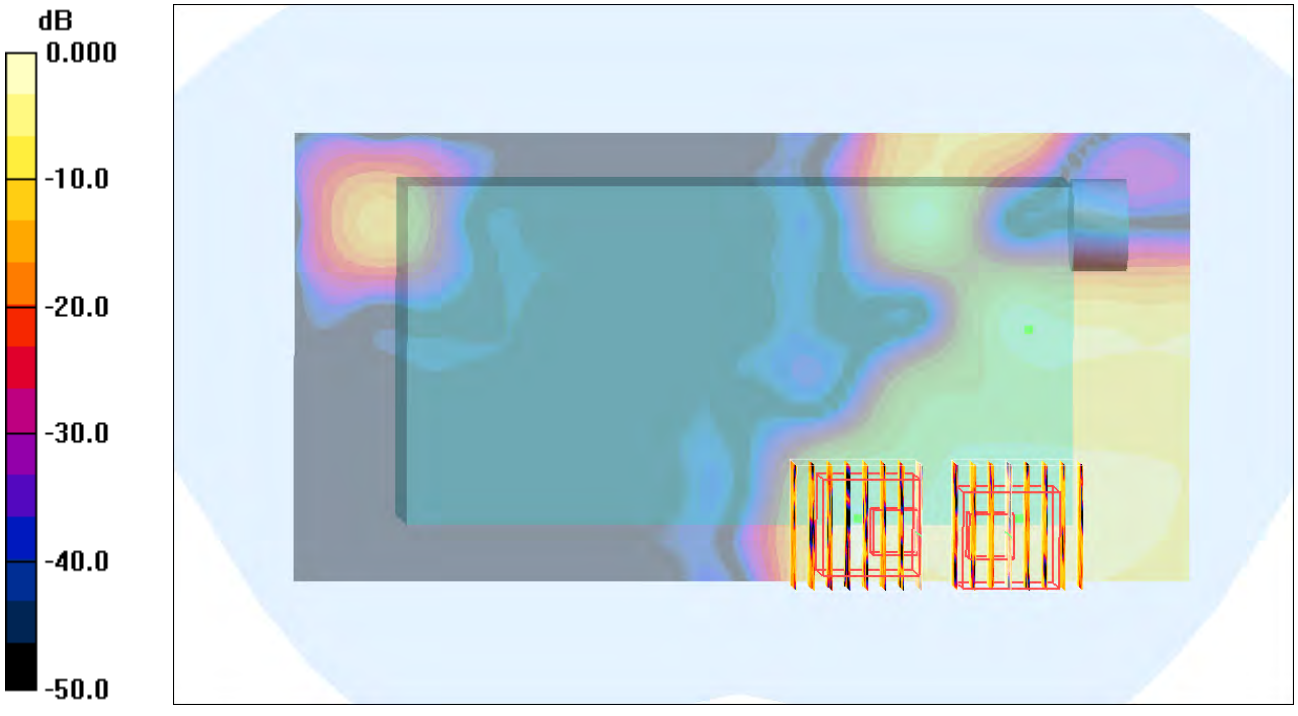
Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_120629 Medium parameters used: f = 5745 MHz; σ = 6.17 mho/m; ε_r = 46.6; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011-11-16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012-05-03
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch149/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.063 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.07 V/m; Power Drift = -0.133 dB
Peak SAR (extrapolated) = 0.229 W/kg
SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.122 mW/g

Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.07 V/m; Power Drift = -0.133 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.011 mW/g
Maximum value of SAR (measured) = 0.072 mW/g



0 dB = 0.072mW/g