Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/2/28

#18_GSM850_GSM Voice_Right Cheek_Ch251

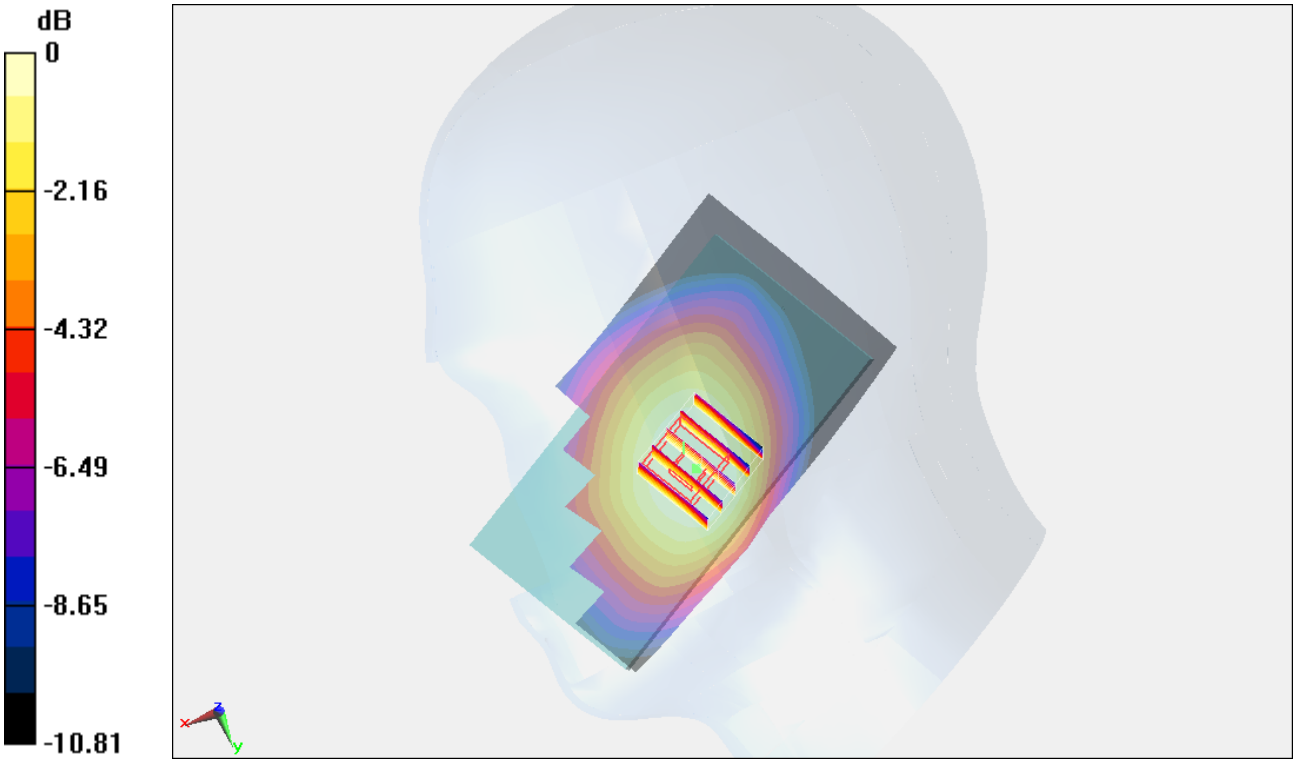
DUT: 322231

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_130228 Medium parameters used: f = 849 MHz; σ = 0.928 mho/m; ε_r = 40.96; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch251/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.406 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.606 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.426 mW/g
SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.258 mW/g
Maximum value of SAR (measured) = 0.354 mW/g



0 dB = 0.354 mW/g = -9.02 dB mW/g

#19_GSM850_GSM Voice_Right Tilted_Ch251

DUT: 322231

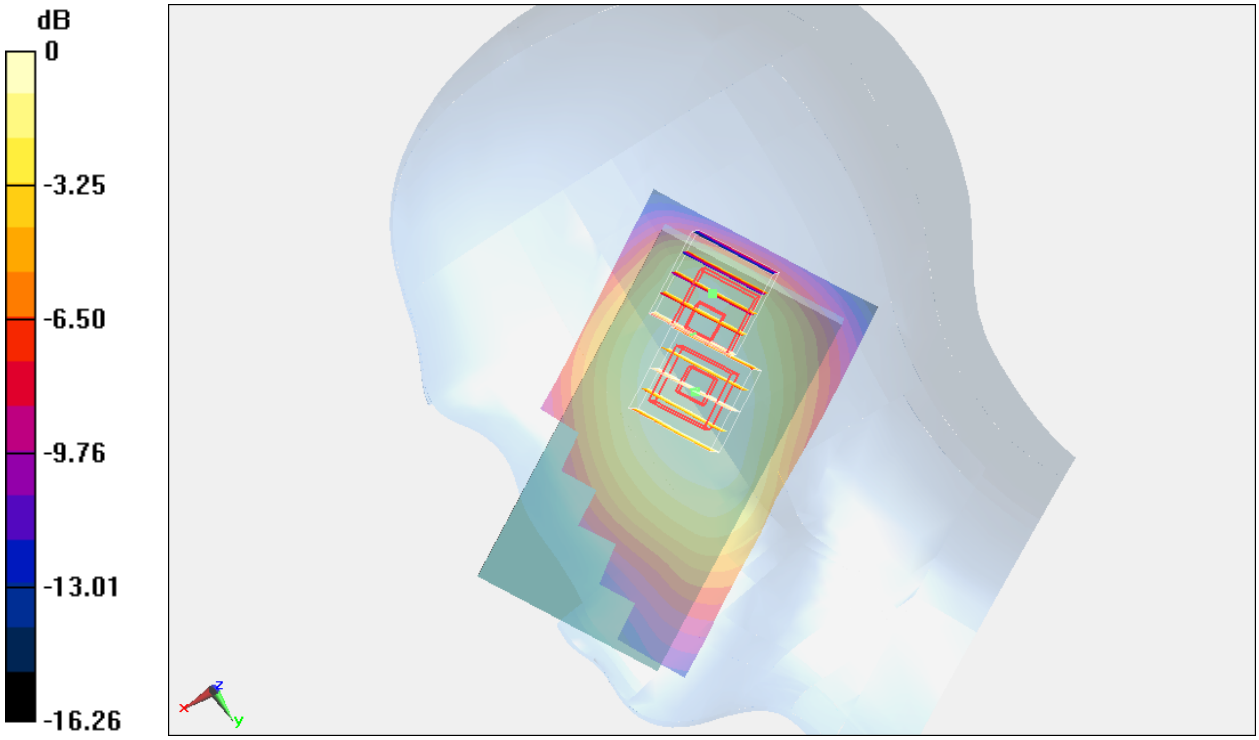
Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_130228 Medium parameters used: f = 849 MHz; σ = 0.928 mho/m; ε_r = 40.96; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch251/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.279 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.707 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.311 mW/g
SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.201 mW/g
Maximum value of SAR (measured) = 0.279 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.707 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.270 mW/g
SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.133 mW/g
Maximum value of SAR (measured) = 0.236 mW/g



0 dB = 0.236 mW/g = -12.54 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/2/28

#20_GSM850_GSM Voice_Left Cheek_Ch251

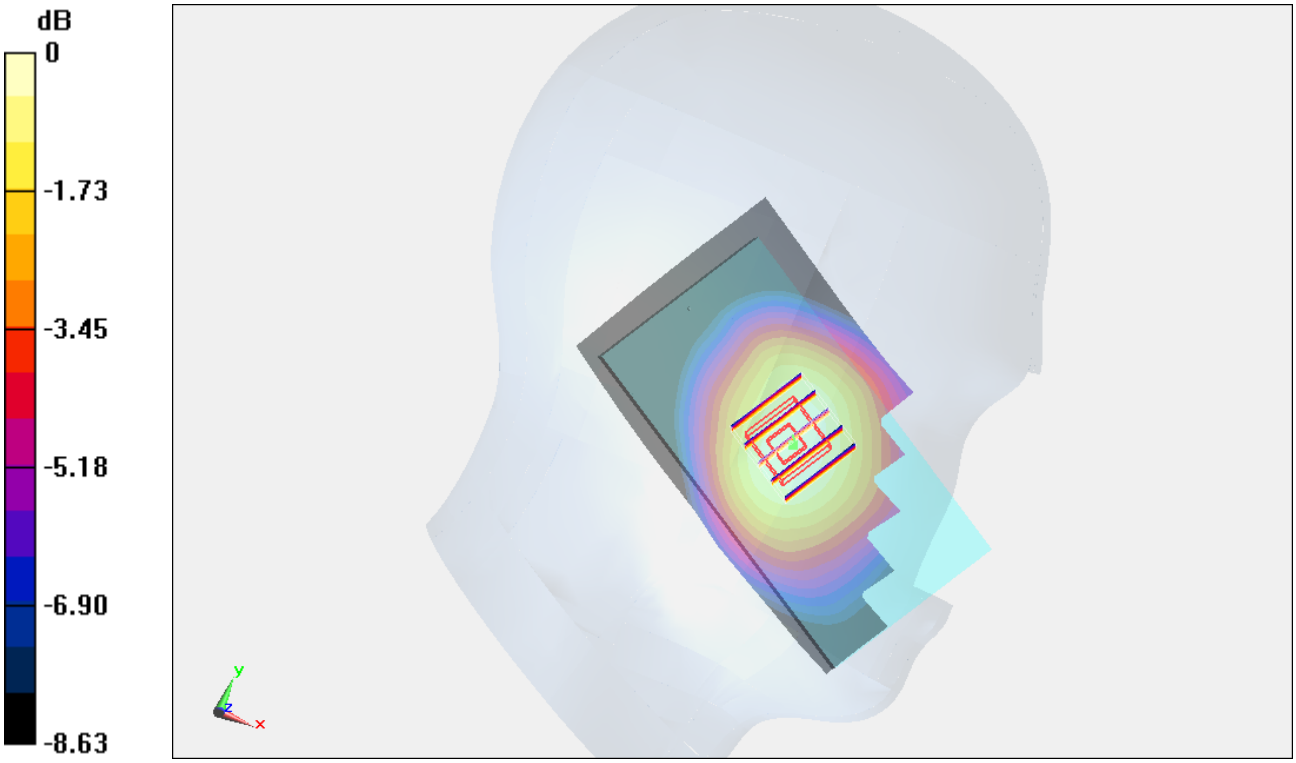
DUT: 322231

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_130228 Medium parameters used: f = 849 MHz; σ = 0.928 mho/m; ε_r = 40.96; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch251/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.331 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.887 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.377 mW/g
SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.239 mW/g
Maximum value of SAR (measured) = 0.328 mW/g



0 dB = 0.328 mW/g = -9.68 dB mW/g

#21_GSM850_GSM Voice_Left Tilted_Ch251

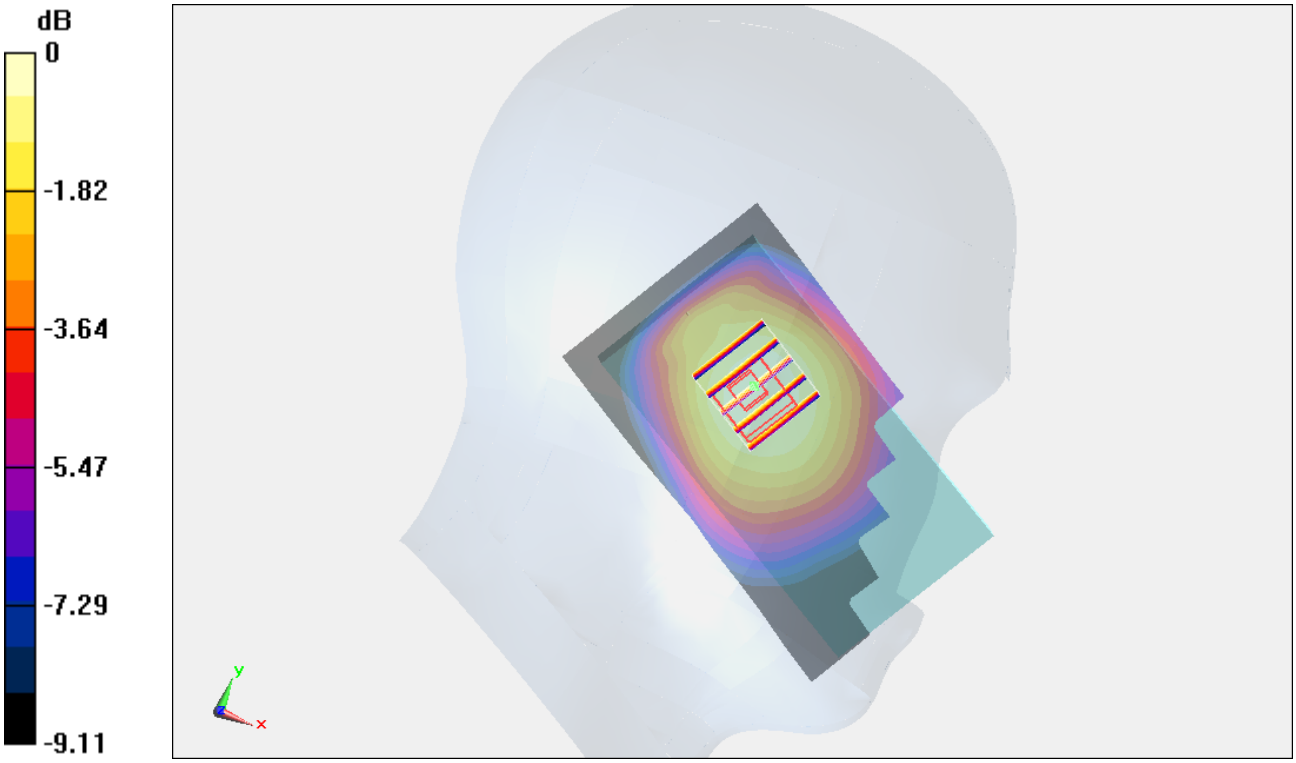
DUT: 322231

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_130228 Medium parameters used: f = 849 MHz; σ = 0.928 mho/m; ε_r = 40.96; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch251/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.236 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.071 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.274 mW/g
SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.175 mW/g
Maximum value of SAR (measured) = 0.240 mW/g



0 dB = 0.240 mW/g = -12.40 dB mW/g

#22_GSM1900_DTM Multi-slot class 11_Right Cheek_Ch810

DUT: 322231

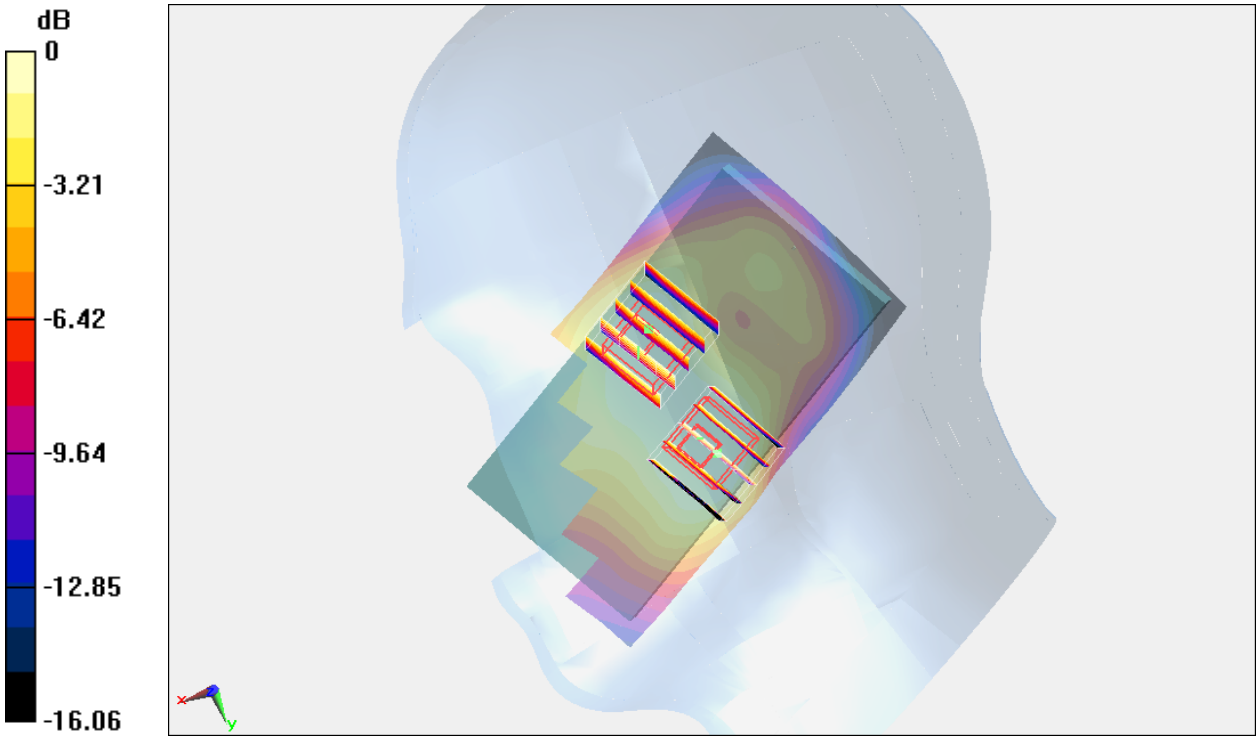
Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2.67
Medium: HSL_1900_130301 Medium parameters used: f = 1910 MHz; σ = 1.436 mho/m; ε_r = 39.792; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch810/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.226 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.251 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.373 mW/g
SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.123 mW/g
Maximum value of SAR (measured) = 0.210 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.251 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.211 mW/g
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.099 mW/g
Maximum value of SAR (measured) = 0.161 mW/g



0 dB = 0.161 mW/g = -15.86 dB mW/g

#23_GSM1900_DTM Multi-slot class 11_Right Tilted_Ch810

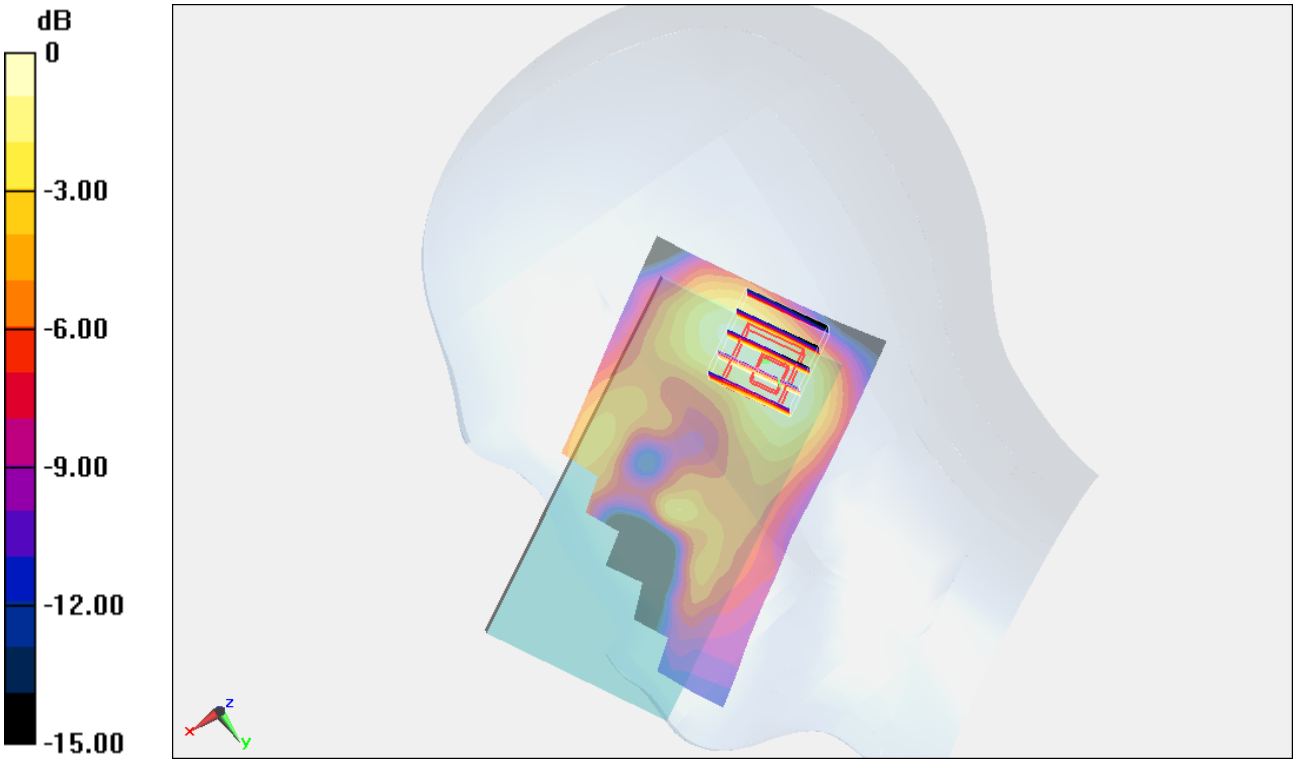
DUT: 322231

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2.67
Medium: HSL_1900_130301 Medium parameters used: f = 1910 MHz; σ = 1.436 mho/m; ε_r = 39.792; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch810/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.106 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.423 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.151 mW/g
SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.065 mW/g
Maximum value of SAR (measured) = 0.112 mW/g



0 dB = 0.112 mW/g = -19.02 dB mW/g

#24_GSM1900_DTM Multi-slot class 11_Left Cheek_Ch810

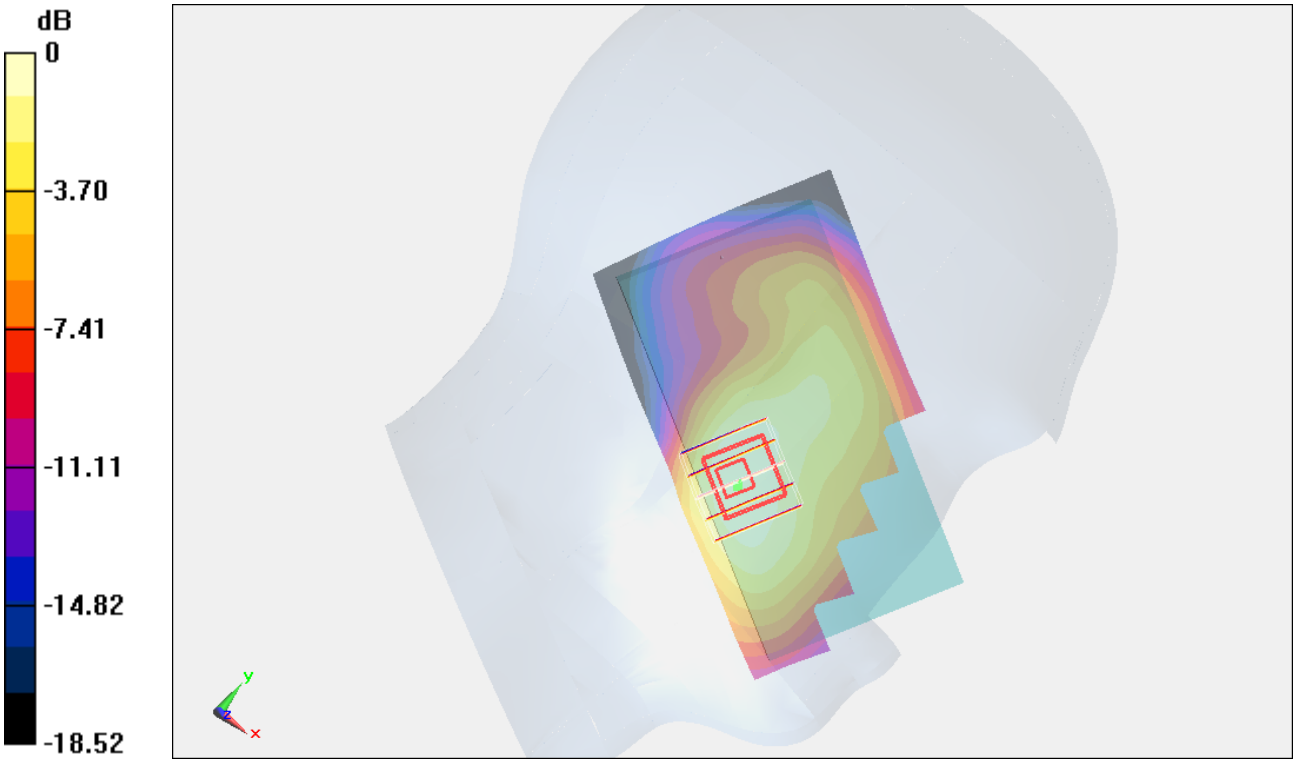
DUT: 322231

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2.67
Medium: HSL_1900_130301 Medium parameters used: f = 1910 MHz; σ = 1.436 mho/m; ε_r = 39.792; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch810/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.313 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.912 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.421 mW/g
SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.184 mW/g
Maximum value of SAR (measured) = 0.311 mW/g



0 dB = 0.311 mW/g = -10.14 dB mW/g

#25_GSM1900_DTM Multi-slot class 11_Left Tilted_Ch810

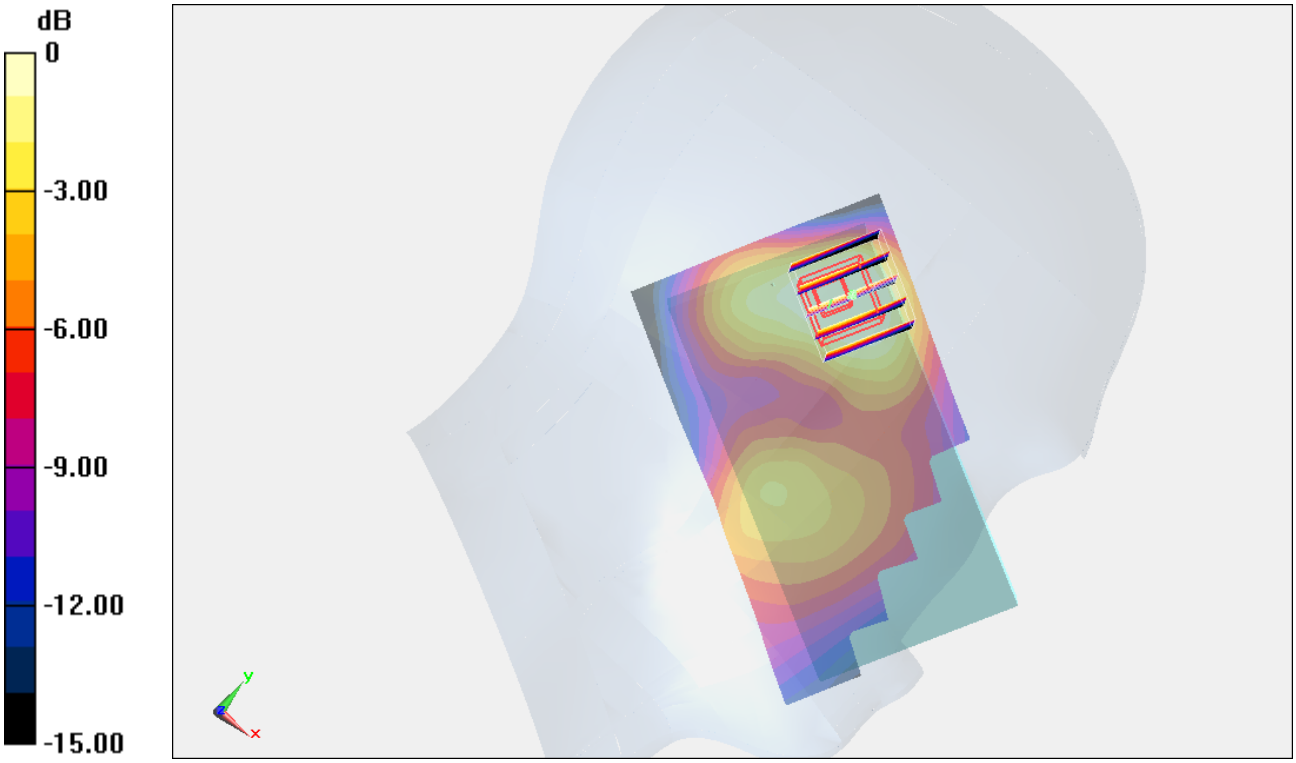
DUT: 322231

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2.67
Medium: HSL_1900_130301 Medium parameters used: f = 1910 MHz; σ = 1.436 mho/m; ε_r = 39.792; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(5.06, 5.06, 5.06); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch810/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.185 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.959 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.180 mW/g
SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.134 mW/g



0 dB = 0.134 mW/g = -17.46 dB mW/g

#26_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4182

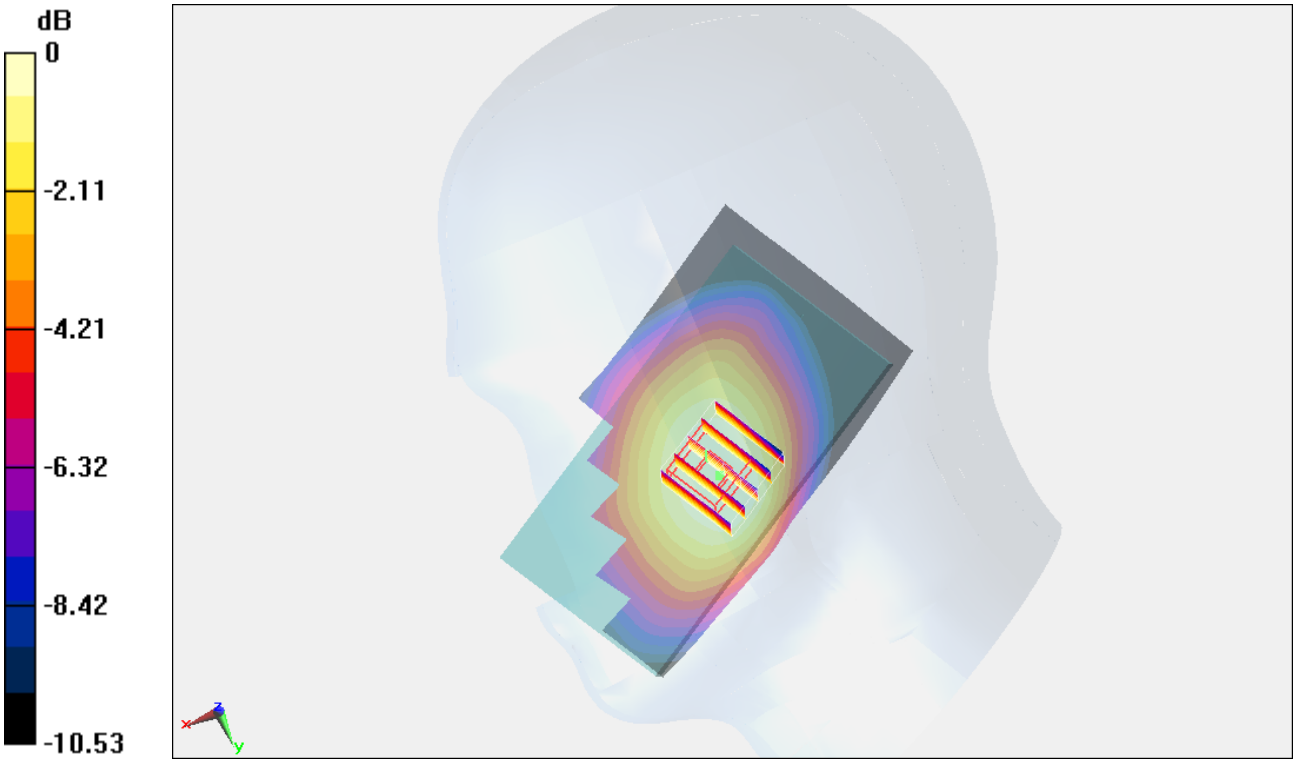
DUT: 322231

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_130228 Medium parameters used: f = 836.4 MHz; σ = 0.917 mho/m; ε_r = 41.101; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4182/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.678 mW/g

Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.300 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.736 mW/g
SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.462 mW/g
Maximum value of SAR (measured) = 0.627 mW/g



0 dB = 0.627 mW/g = -4.05 dB mW/g

#27_WCDMA V_RMC 12.2Kbps_Right Tilted_Ch4182

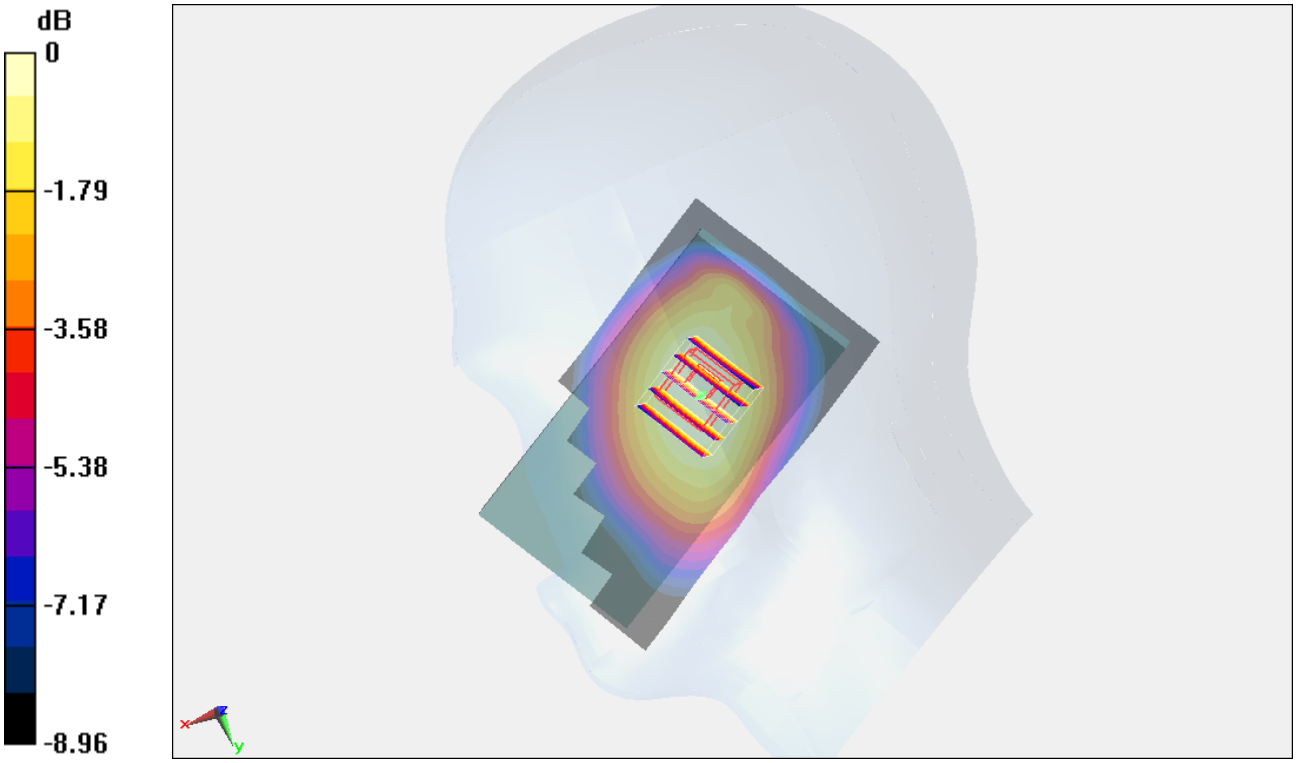
DUT: 322231

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_130228 Medium parameters used: f = 836.4 MHz; σ = 0.917 mho/m; ε_r = 41.101; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4182/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.423 mW/g

Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.921 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.474 mW/g
SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.312 mW/g
Maximum value of SAR (measured) = 0.422 mW/g



0 dB = 0.422 mW/g = -7.49 dB mW/g

#28_WCDMA V_RMC 12.2Kbps_Left Cheek_Ch4182

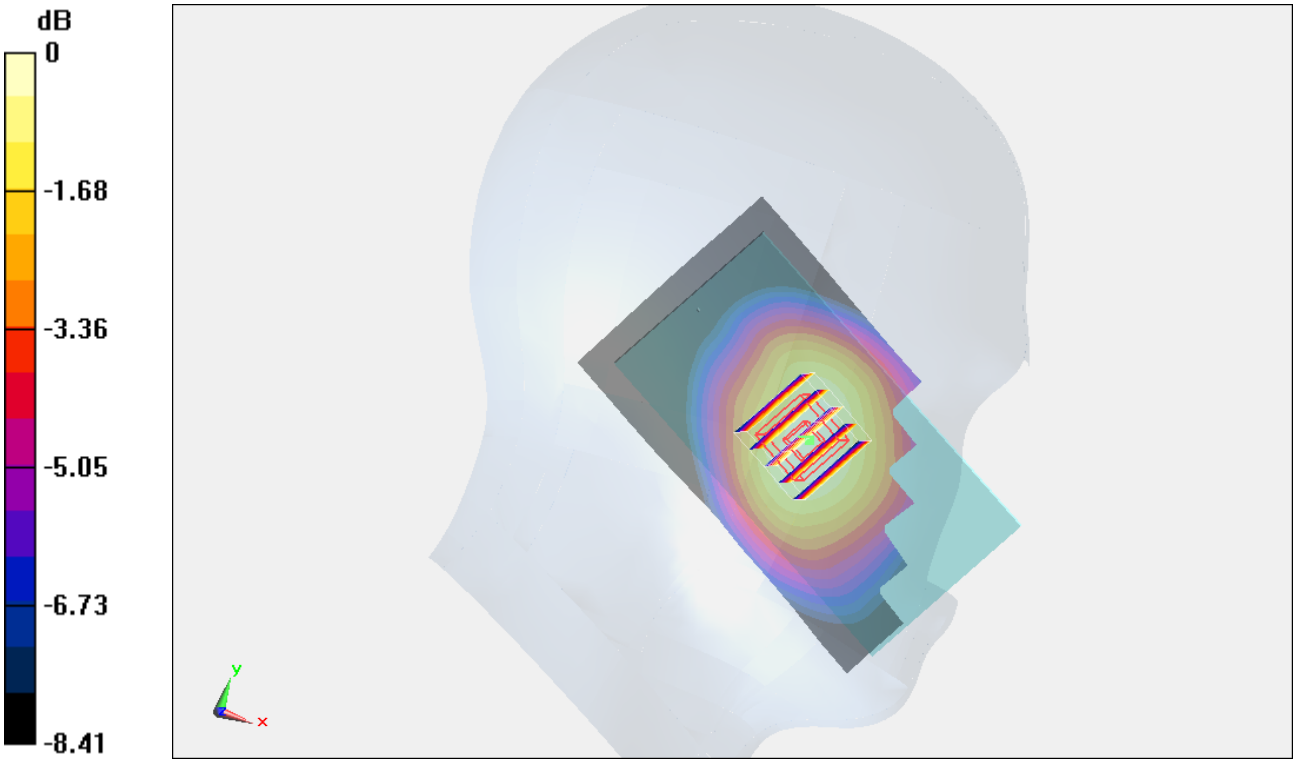
DUT: 322231

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_130228 Medium parameters used: f = 836.4 MHz; σ = 0.917 mho/m; ε_r = 41.101; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4182/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.538 mW/g

Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.466 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.614 mW/g
SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.394 mW/g
Maximum value of SAR (measured) = 0.543 mW/g



0 dB = 0.543 mW/g = -5.30 dB mW/g

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2013/2/28

#29_WCDMA V_RMC 12.2Kbps_Left Tilted_Ch4182

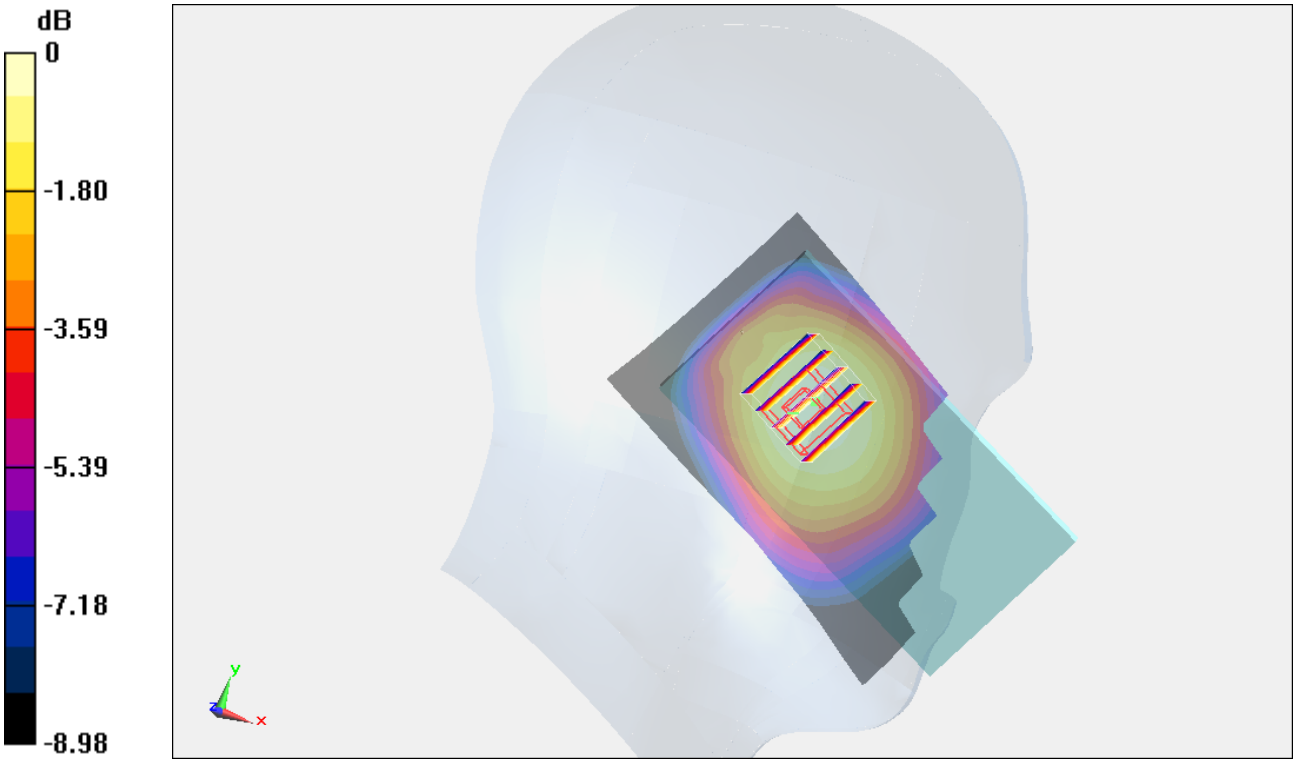
DUT: 322231

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_130228 Medium parameters used: f = 836.4 MHz; σ = 0.917 mho/m; ε_r = 41.101; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.12, 6.12, 6.12); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4182/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.371 mW/g

Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.508 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.434 mW/g
SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.286 mW/g
Maximum value of SAR (measured) = 0.387 mW/g



0 dB = 0.387 mW/g = -8.25 dB mW/g

#32_WLAN2.4G_802.11b_Right Cheek_Ch1

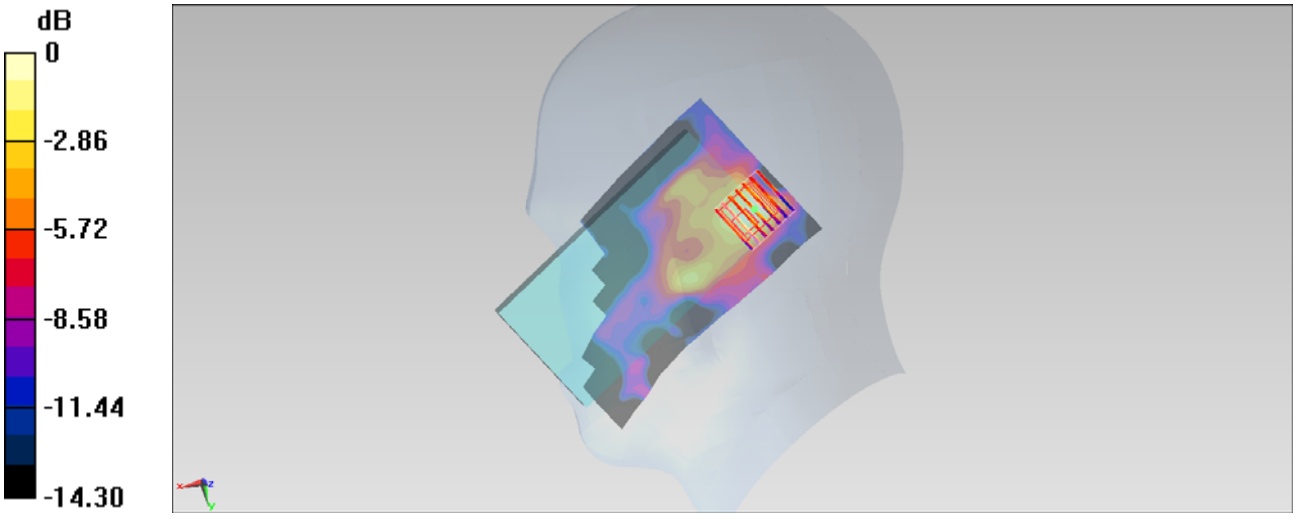
DUT: 322231

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130321 Medium parameters used: f = 2412 MHz; σ = 1.785 mho/m; ε_r = 38.045; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

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 (81x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0199 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.047 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.042 mW/g
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00839 mW/g
Maximum value of SAR (measured) = 0.0202 mW/g



0 dB = 0.0202 mW/g = -33.89 dB mW/g

#33_WLAN2.4G_802.11b_Right Tilted_Ch1

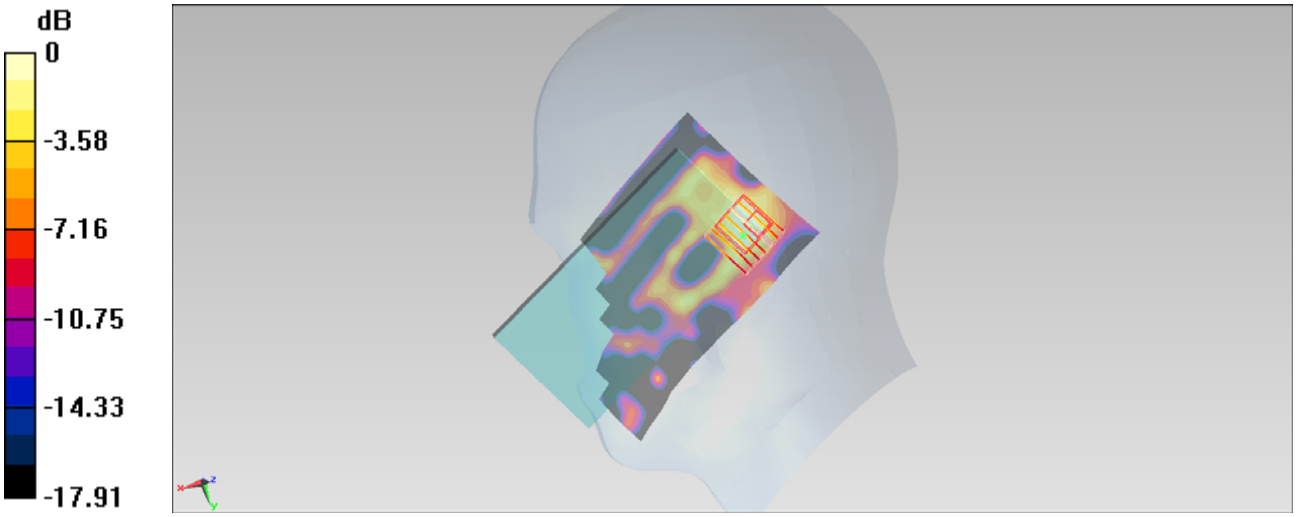
DUT: 322231

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130321 Medium parameters used: f = 2412 MHz; σ = 1.785 mho/m; ε_r = 38.045; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

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 (81x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0176 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.816 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.026 mW/g
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00788 mW/g
Maximum value of SAR (measured) = 0.0162 mW/g



0 dB = 0.0162 mW/g = -35.81 dB mW/g

#34_WLAN2.4G_802.11b_Left Cheek_Ch1

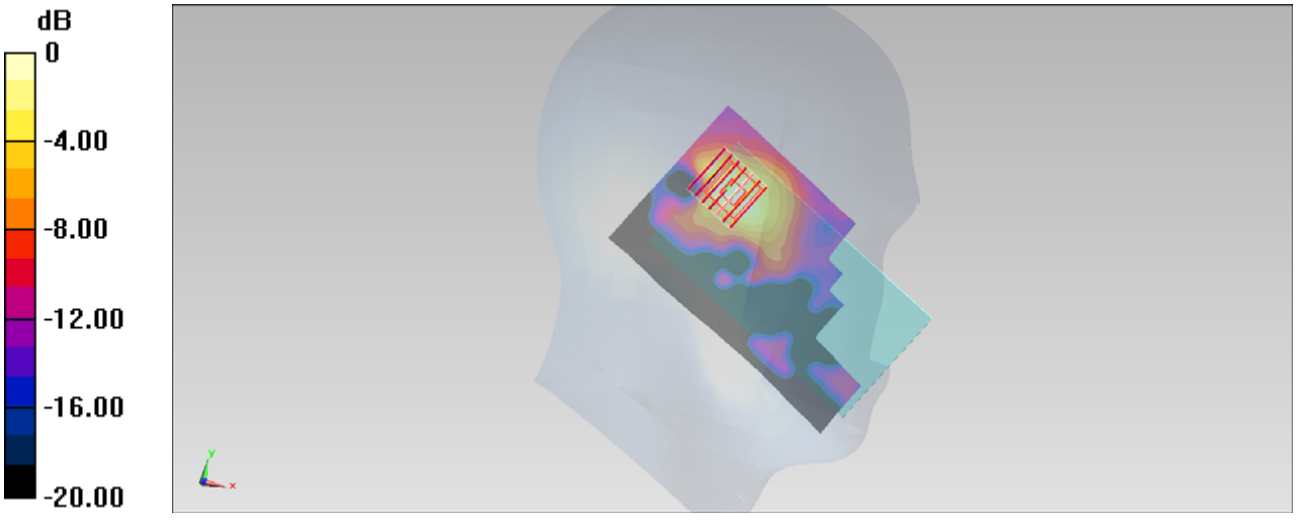
DUT: 322231

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130321 Medium parameters used: f = 2412 MHz; σ = 1.785 mho/m; ε_r = 38.045; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

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 (81x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0410 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.533 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.082 mW/g
SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.0369 mW/g



0 dB = 0.0369 mW/g = -28.66 dB mW/g

#35_WLAN2.4G_802.11b_Left Tilted_Ch1

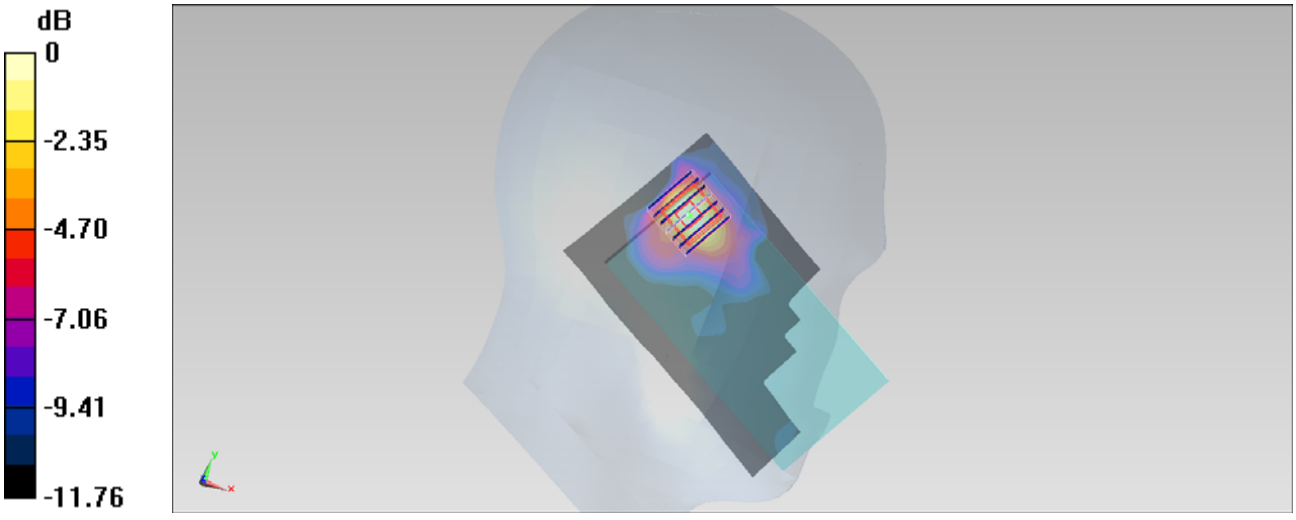
DUT: 322231

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_130321 Medium parameters used: f = 2412 MHz; σ = 1.785 mho/m; ε_r = 38.045; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

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 (81x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0272 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.961 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.041 mW/g
SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00944 mW/g
Maximum value of SAR (measured) = 0.0256 mW/g



0 dB = 0.0256 mW/g = -31.84 dB mW/g

#36_WLAN2.4G_802.11n-HT20_Left Cheek_Ch1

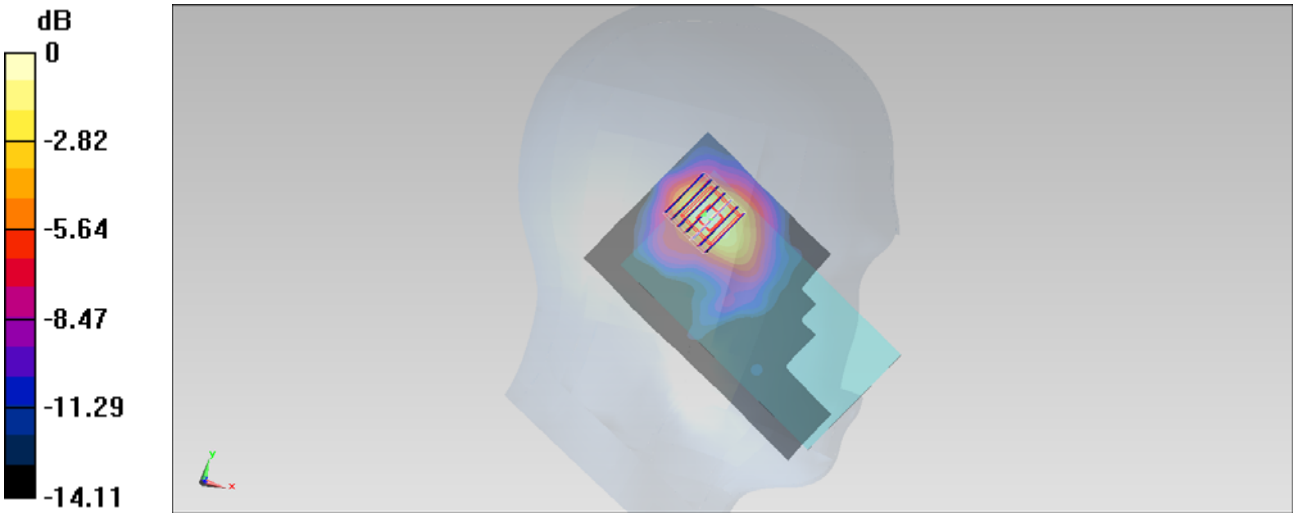
DUT: 322231

Communication System: 802.11n; Frequency: 2412 MHz;Duty Cycle: 1:1.146
Medium: HSL_2450_130321 Medium parameters used: f = 2412 MHz; σ = 1.785 mho/m; ε_r = 38.045; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃; Liquid Temperature：21.2 ℃

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 (81x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0391 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.786 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.065 mW/g
SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.0389 mW/g



0 dB = 0.0389 mW/g = -28.20 dB mW/g

#48_WLAN5G_802.11a_Right Cheek_Ch36

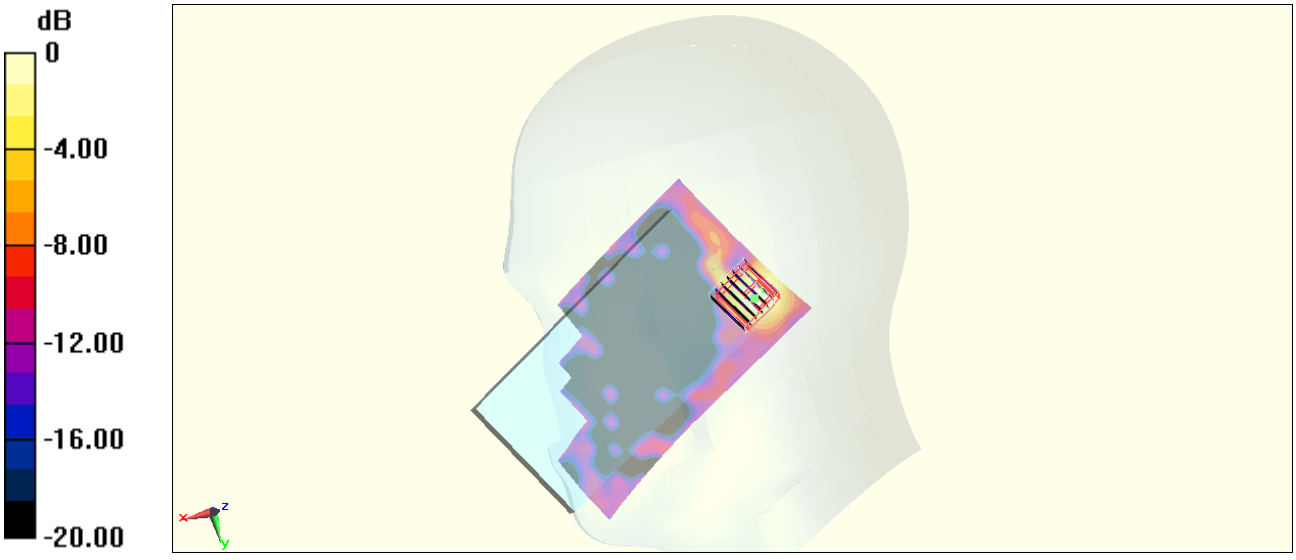
DUT: 322231

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1.131
Medium: HSL_5G_130325 Medium parameters used : f = 5180 MHz; σ = 4.773 mho/m; ε_r = 35.503; 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/Ch36/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.129 mW/g

Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.467 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.203 mW/g
SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.014 mW/g
Maximum value of SAR (measured) = 0.127 mW/g



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

#49_WLAN5G_802.11a_Right Tilted_Ch36

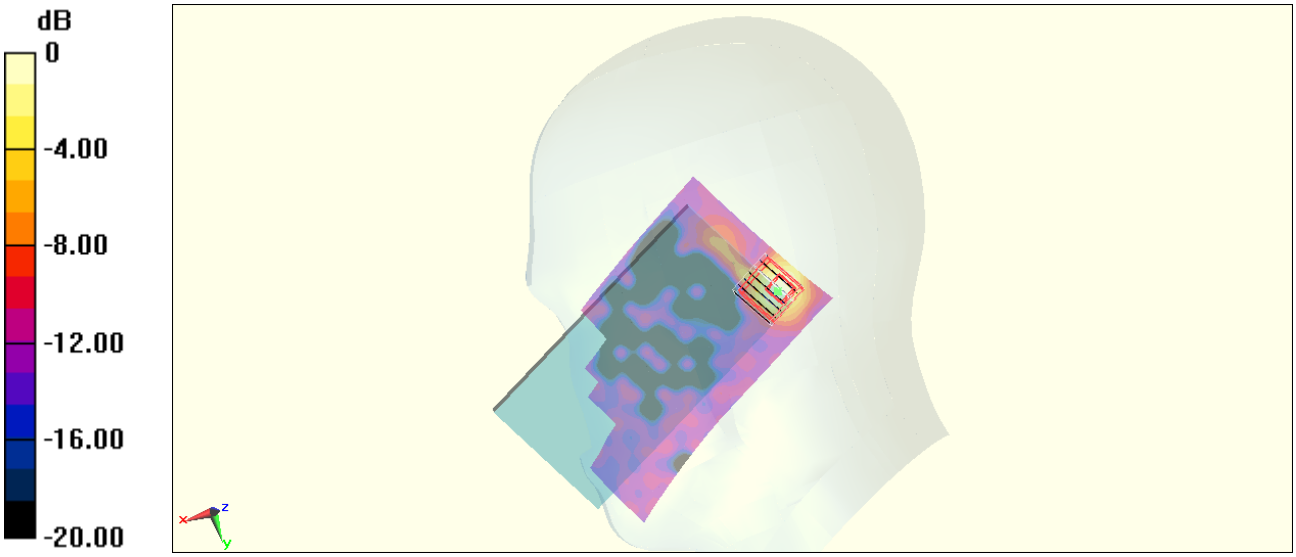
DUT: 322231

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1.131
Medium: HSL_5G_130325 Medium parameters used : f = 5180 MHz; σ = 4.773 mho/m; ε_r = 35.503; 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/Ch36/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.143 mW/g

Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.814 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.233 mW/g
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.146 mW/g



0 dB = 0.146 mW/g = -16.71 dB mW/g

#50_WLAN5G_802.11a_Left Cheek_Ch36

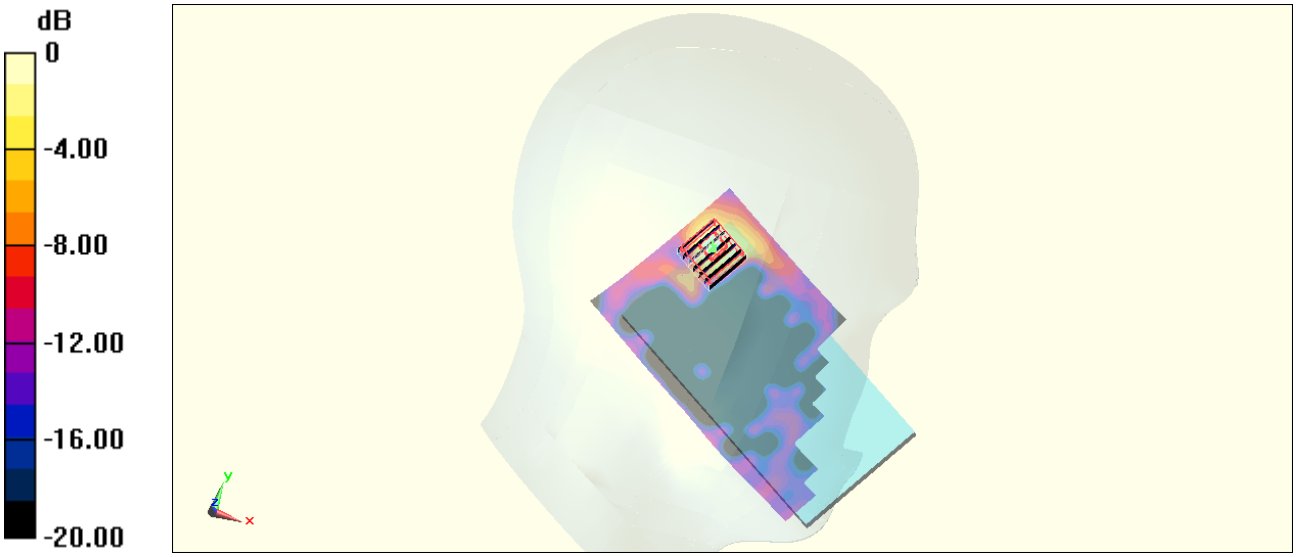
DUT: 322231

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1.131
Medium: HSL_5G_130325 Medium parameters used : f = 5180 MHz; σ = 4.773 mho/m; ε_r = 35.503; 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/Ch36/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.157 mW/g

Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.642 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.275 mW/g
SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.167 mW/g



0 dB = 0.167 mW/g = -15.55 dB mW/g

#51_WLAN5G_802.11a_Left Tilted_Ch36

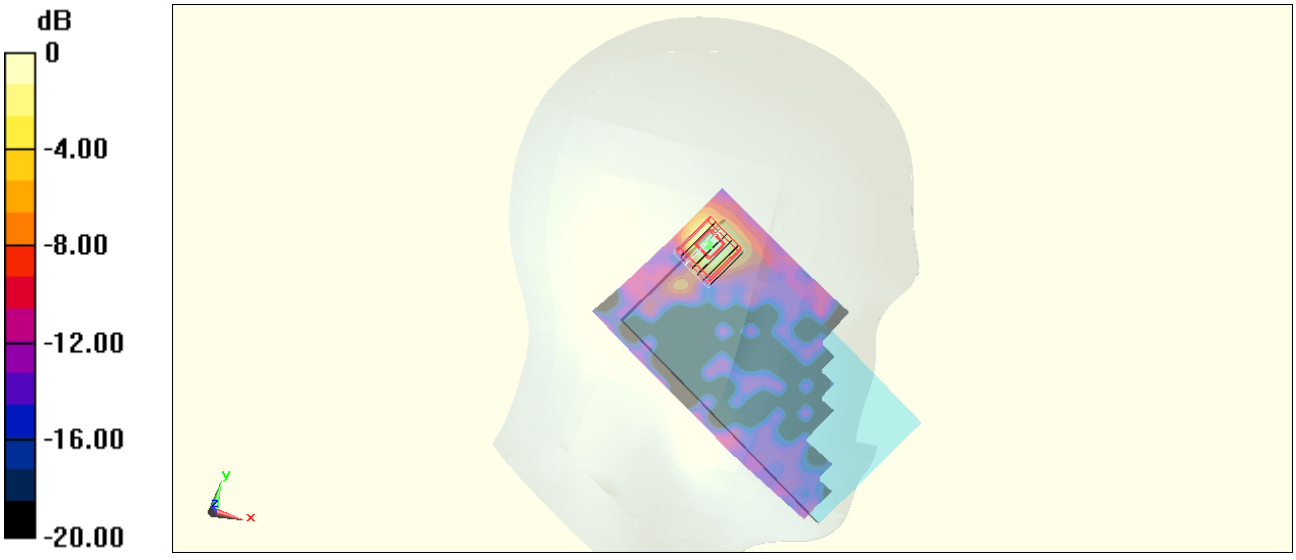
DUT: 322231

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1.131
Medium: HSL_5G_130325 Medium parameters used : f = 5180 MHz; σ = 4.773 mho/m; ε_r = 35.503; 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/Ch36/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.165 mW/g

Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.585 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.271 mW/g
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.167 mW/g



0 dB = 0.167 mW/g = -15.55 dB mW/g

#52_WLAN5G_802.11ac-VHT80_Left Tilted_Ch42

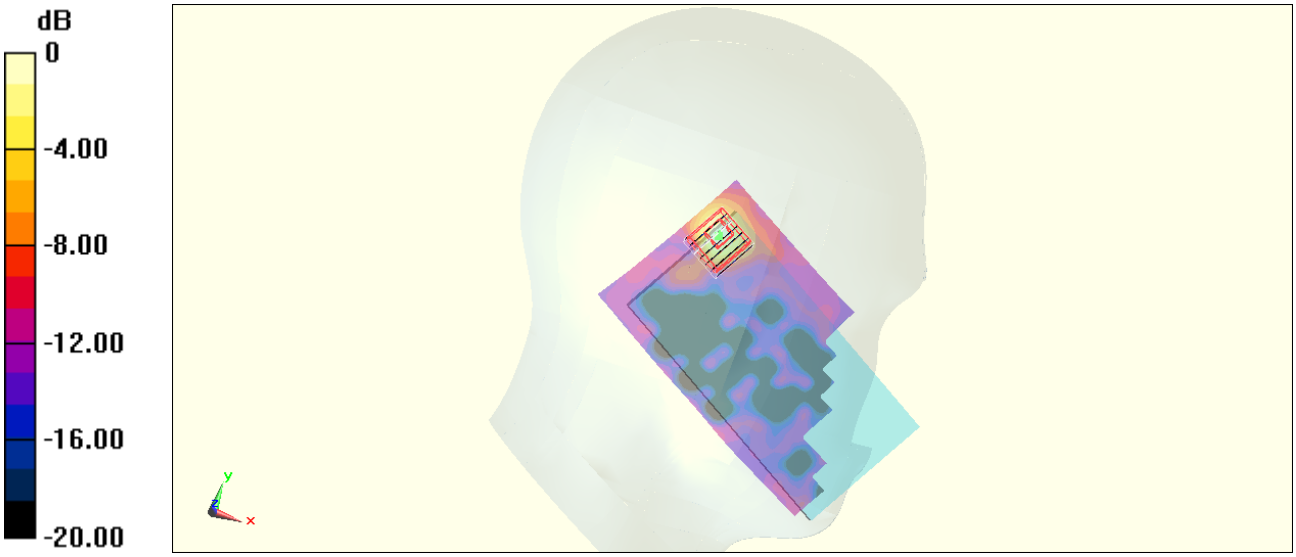
DUT: 322231

Communication System: 802.11ac; Frequency: 5210 MHz;Duty Cycle: 1:1.190
Medium: HSL_5G_130325 Medium parameters used : f = 5210 MHz; σ = 4.807 mho/m; ε_r = 35.444; 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/Ch42/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.157 mW/g

Configuration/Ch42/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.454 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.260 mW/g
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.018 mW/g
Maximum value of SAR (measured) = 0.166 mW/g



0 dB = 0.166 mW/g = -15.60 dB mW/g

#53_WLAN5G_802.11a_Right Cheek_Ch52

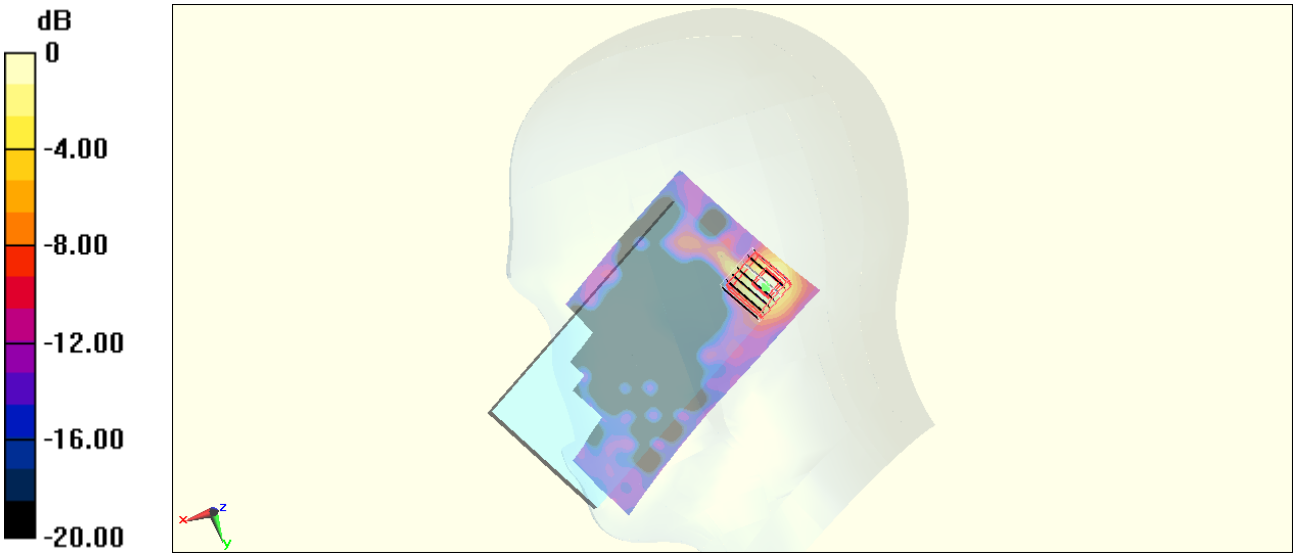
DUT: 322231

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1.131
Medium: HSL_5G_130325 Medium parameters used : f = 5260 MHz; σ = 4.863 mho/m; ε_r = 35.377; 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 (91x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.209 mW/g

Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.201 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.313 mW/g
SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.206 mW/g



0 dB = 0.206 mW/g = -13.72 dB mW/g

#54_WLAN5G_802.11a_Right Tilted_Ch52

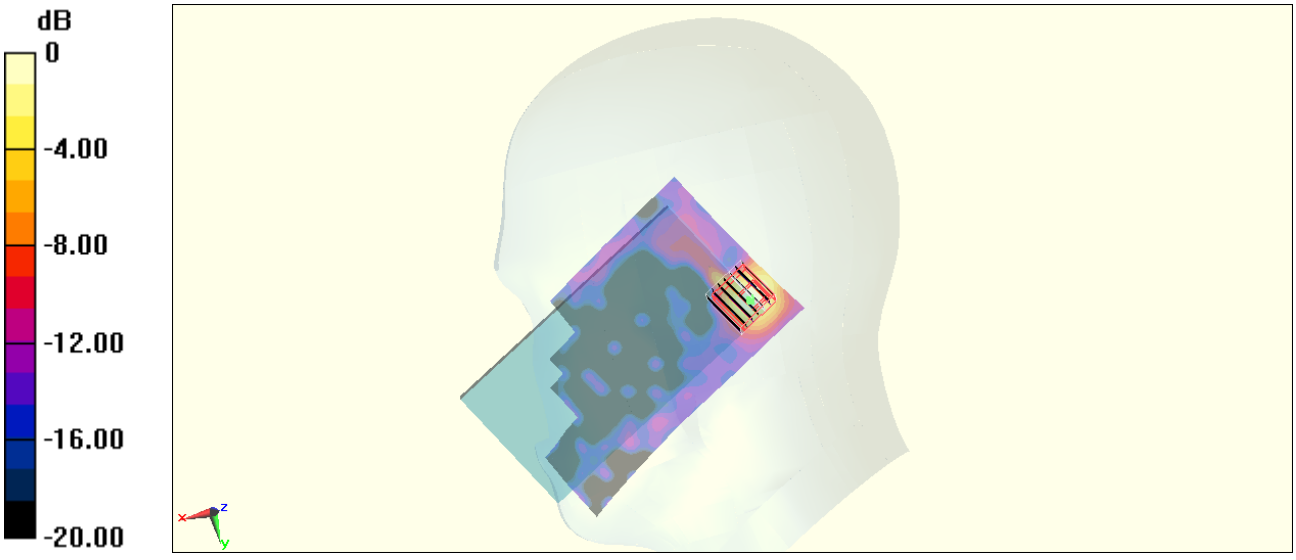
DUT: 322231

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1.131
Medium: HSL_5G_130325 Medium parameters used : f = 5260 MHz; σ = 4.863 mho/m; ε_r = 35.377; 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 (91x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.232 mW/g

Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.528 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.354 mW/g
SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.228 mW/g



0 dB = 0.228 mW/g = -12.84 dB mW/g

#55_WLAN5G_802.11a_Left Cheek_Ch52

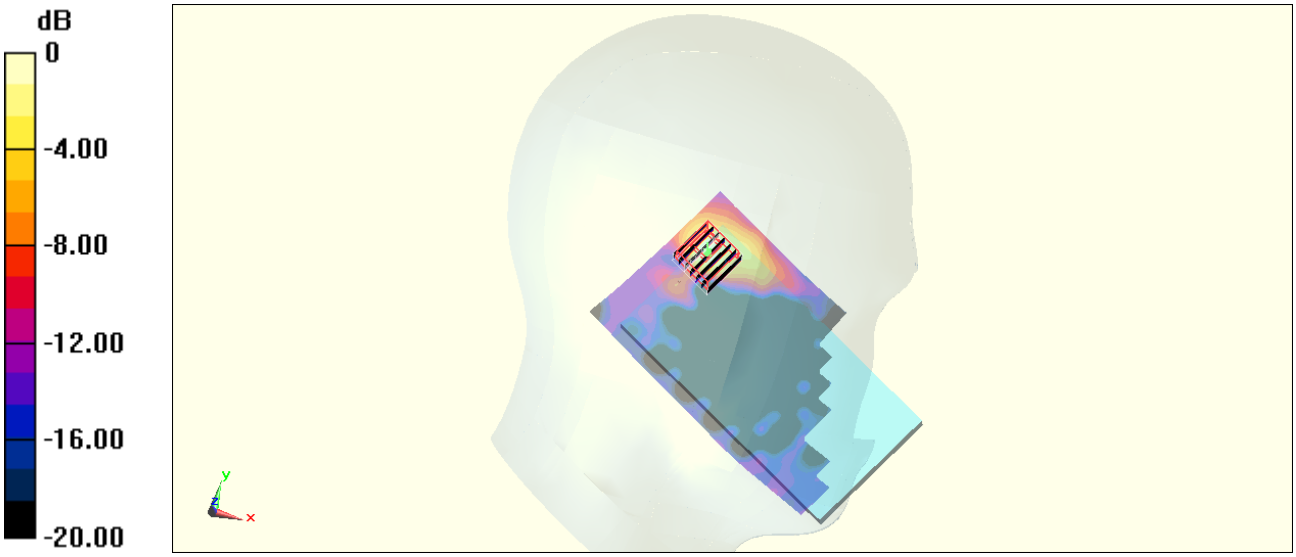
DUT: 322231

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1.131
Medium: HSL_5G_130325 Medium parameters used : f = 5260 MHz; σ = 4.863 mho/m; ε_r = 35.377; 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 (91x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.257 mW/g

Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.179 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.408 mW/g
SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.261 mW/g



0 dB = 0.261 mW/g = -11.67 dB mW/g

#56_WLAN5G_802.11a_Left Tilted_Ch52

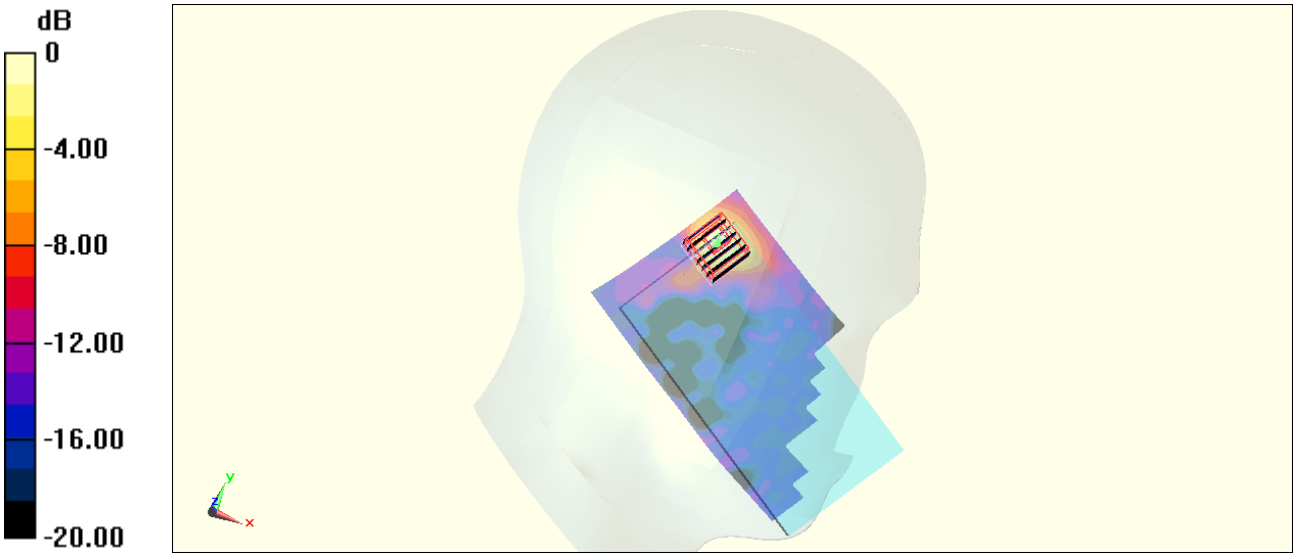
DUT: 322231

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1.131
Medium: HSL_5G_130325 Medium parameters used : f = 5260 MHz; σ = 4.863 mho/m; ε_r = 35.377; 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 (91x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.254 mW/g

Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.359 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.115 mW/g
SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.273 mW/g



0 dB = 0.273 mW/g = -11.28 dB mW/g

#57_WLAN5G_802.11ac-VHT80_Left Tilted_Ch58

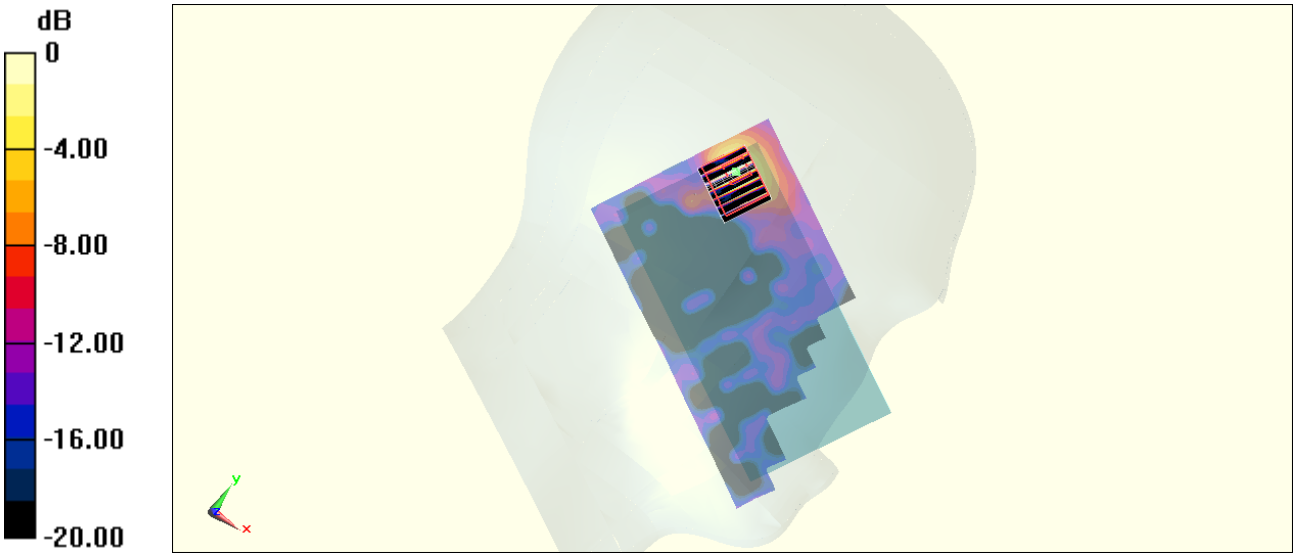
DUT: 322231

Communication System: 802.11ac; Frequency: 5290 MHz;Duty Cycle: 1:1.190
Medium: HSL_5G_130325 Medium parameters used : f = 5290 MHz; σ = 4.889 mho/m; ε_r = 35.33; 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/Ch58/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.189 mW/g

Configuration/Ch58/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.196 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.325 mW/g
SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.205 mW/g



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

#58_WLAN5G_802.11a_Right Cheek_Ch136

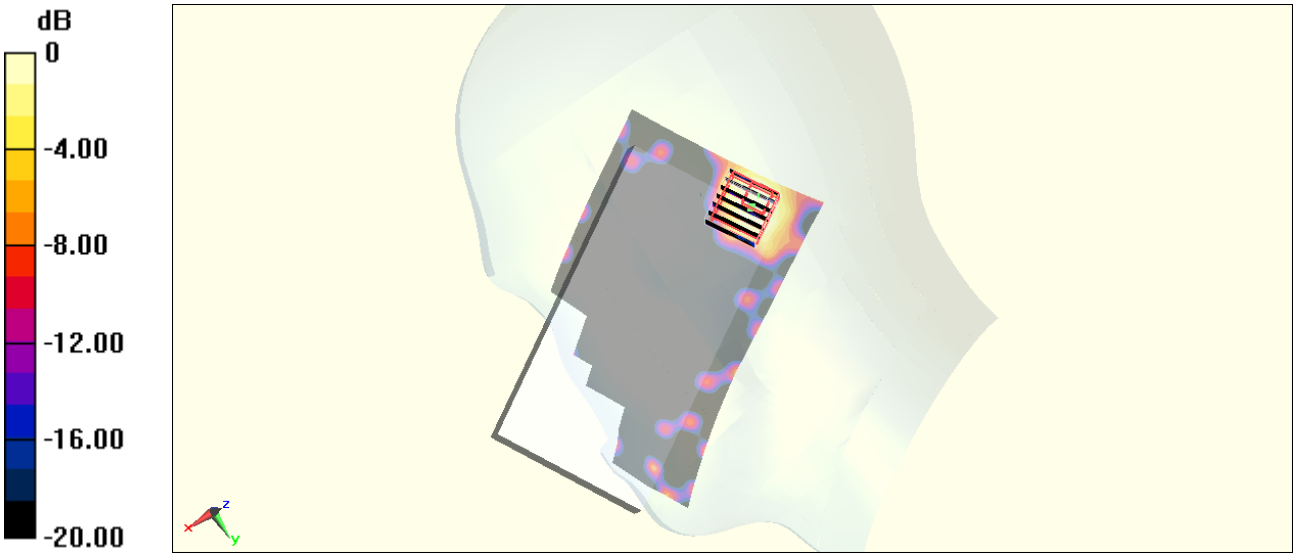
DUT: 322231

Communication System: 802.11a; Frequency: 5680 MHz;Duty Cycle: 1:1.131
Medium: HSL_5G_130325 Medium parameters used : f = 5680 MHz; σ = 5.286 mho/m; ε_r = 34.574; 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/Ch136/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0651 mW/g

Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.341 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.239 mW/g
SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00552 mW/g
Maximum value of SAR (measured) = 0.0625 mW/g



0 dB = 0.0625 mW/g = -24.08 dB mW/g

#59_WLAN5G_802.11a_Right Tilted_Ch136

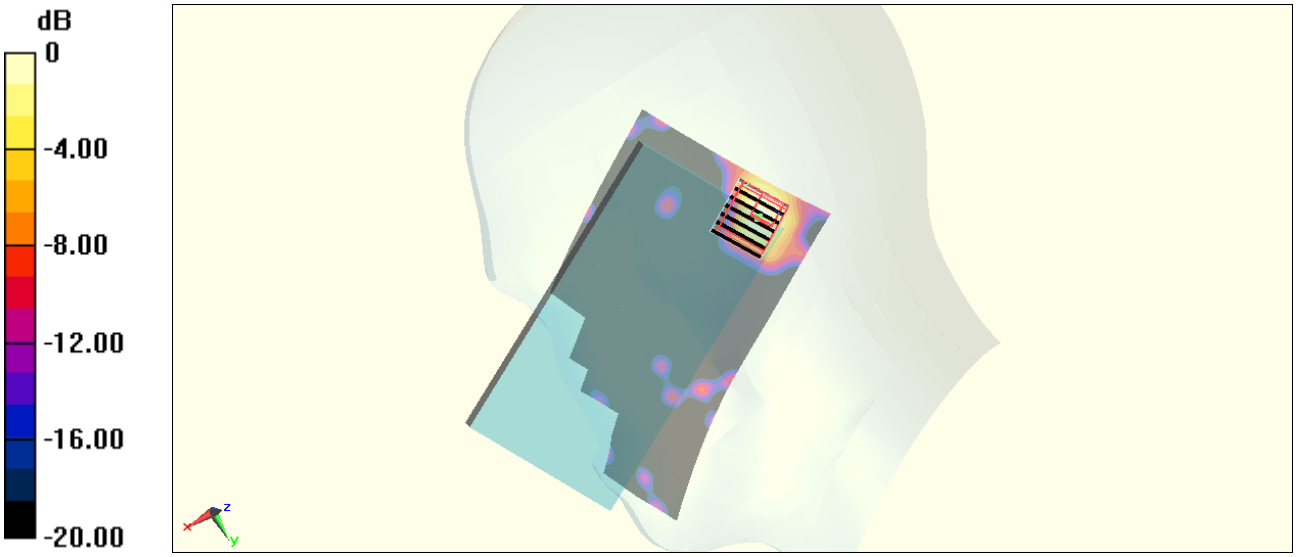
DUT: 322231

Communication System: 802.11a; Frequency: 5680 MHz;Duty Cycle: 1:1.131
Medium: HSL_5G_130325 Medium parameters used : f = 5680 MHz; σ = 5.286 mho/m; ε_r = 34.574; 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/Ch136/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0910 mW/g

Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.923 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.255 mW/g
SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00676 mW/g
Maximum value of SAR (measured) = 0.0906 mW/g



0 dB = 0.0906 mW/g = -20.86 dB mW/g

#60_WLAN5G_802.11a_Left Cheek_Ch136

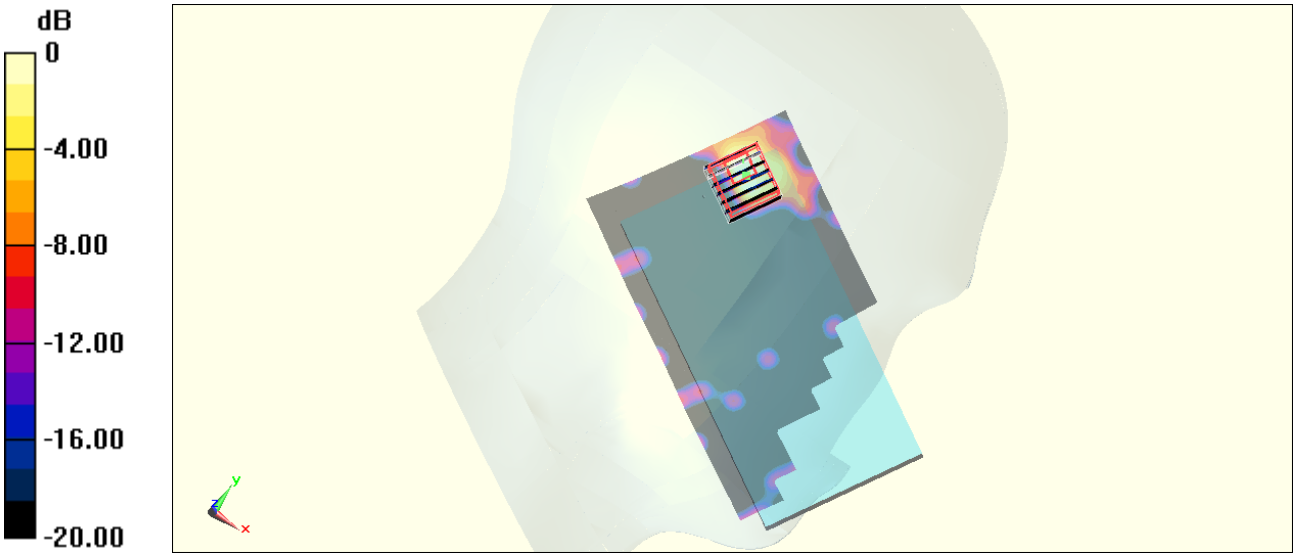
DUT: 322231

Communication System: 802.11a; Frequency: 5680 MHz;Duty Cycle: 1:1.131
Medium: HSL_5G_130325 Medium parameters used : f = 5680 MHz; σ = 5.286 mho/m; ε_r = 34.574; 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/Ch136/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.159 mW/g

Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.507 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.191 mW/g
SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.00796 mW/g
Maximum value of SAR (measured) = 0.100 mW/g



0 dB = 0.100 mW/g = -20.00 dB mW/g

#61_WLAN5G_802.11a_Left Tilted_Ch136

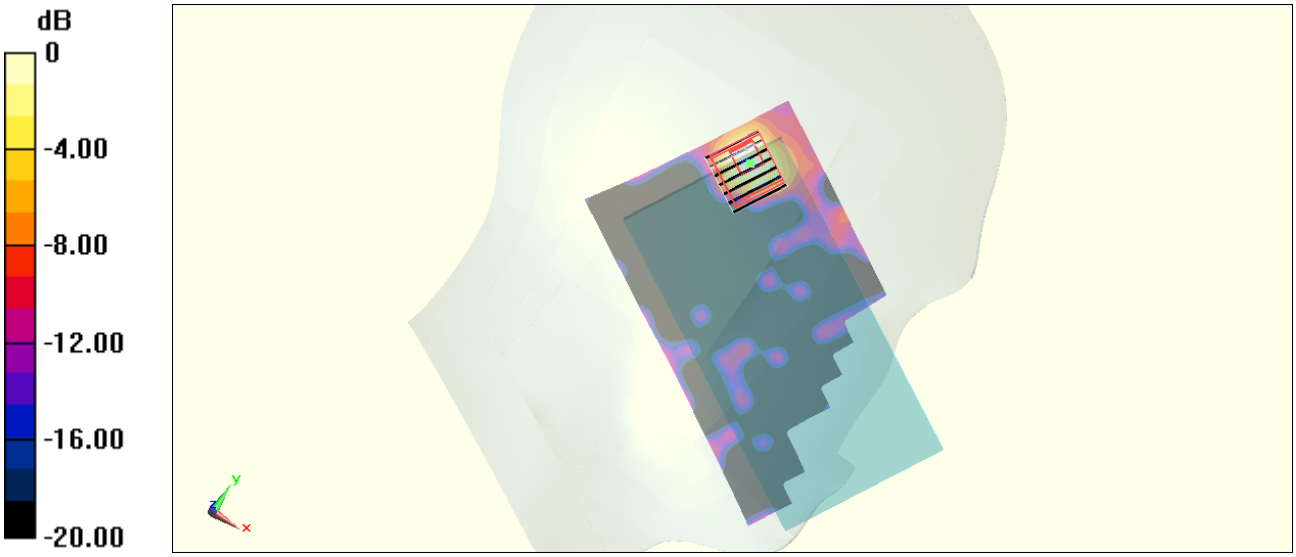
DUT: 322231

Communication System: 802.11a; Frequency: 5680 MHz;Duty Cycle: 1:1.131
Medium: HSL_5G_130325 Medium parameters used : f = 5680 MHz; σ = 5.286 mho/m; ε_r = 34.574; 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/Ch136/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.112 mW/g

Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.972 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.182 mW/g
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.00939 mW/g
Maximum value of SAR (measured) = 0.112 mW/g



0 dB = 0.112 mW/g = -19.02 dB mW/g

#62_WLAN5G_802.11ac-VHT80_Left Tilted_Ch106

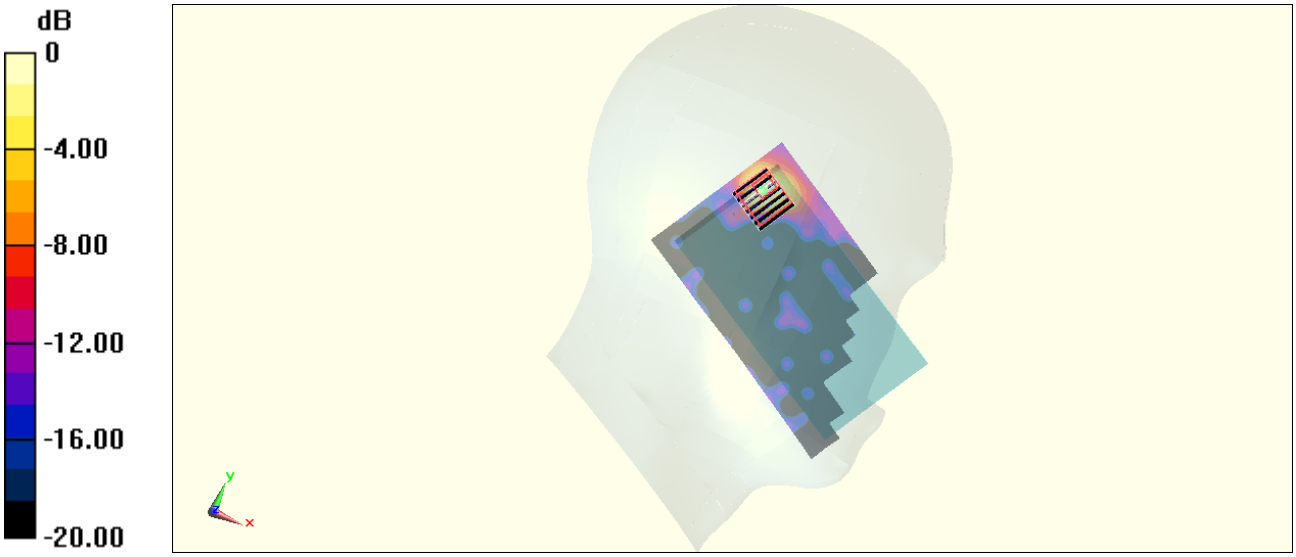
DUT: 322231

Communication System: 802.11ac; Frequency: 5530 MHz;Duty Cycle: 1:1.190
Medium: HSL_5G_130325 Medium parameters used: f = 5530 MHz; σ = 5.135 mho/m; ε_r = 34.886; ρ = 1000 kg/m^3
Ambient Temperature：22.2℃； Liquid Temperature：21.2℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.71, 4.71, 4.71); 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/Ch106/Area Scan (91x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.186 mW/g

Configuration/Ch106/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.845 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.284 mW/g
SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.192 mW/g



0 dB = 0.192 mW/g = -14.33 dB mW/g

#07_GSM850_GPRS (1 Tx slot)_Front_1cm_Ch251

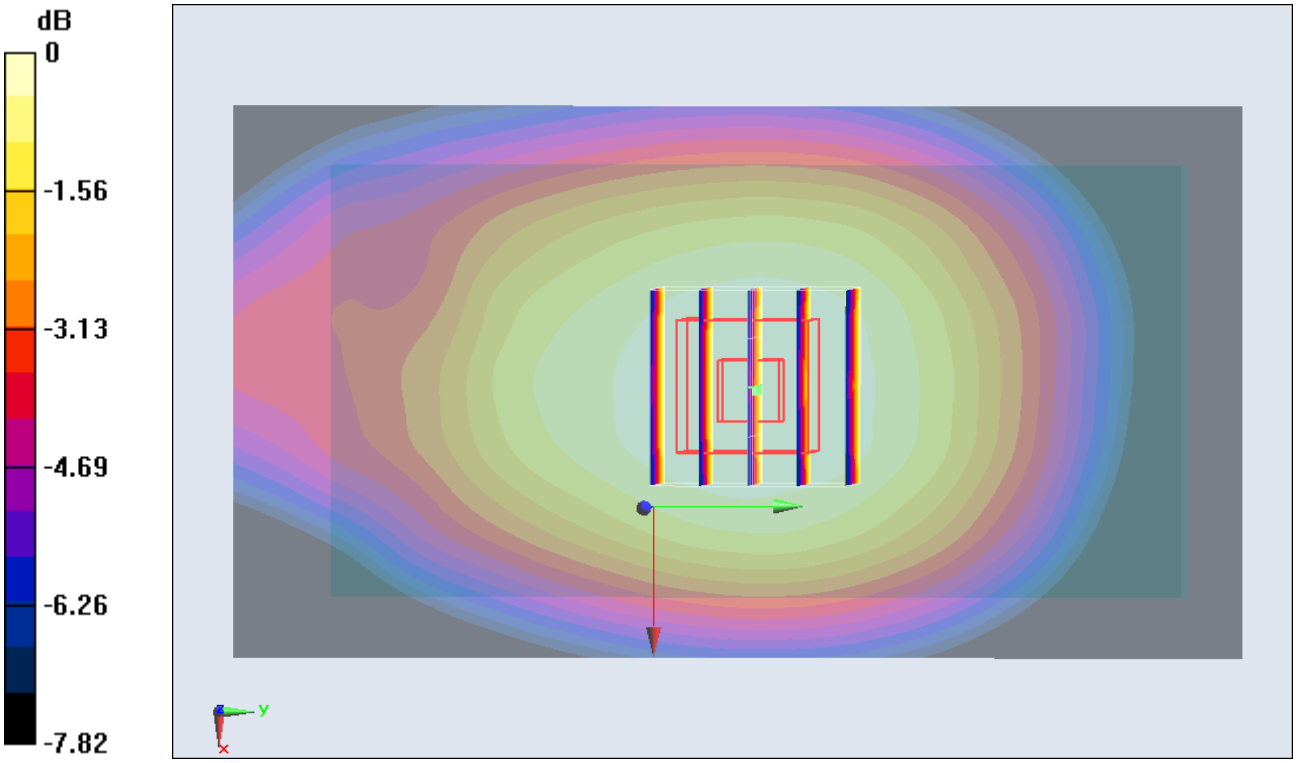
DUT: 322231

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_850_130228 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.424; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch251/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.453 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.371 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.512 mW/g
SAR(1 g) = 0.429 mW/g; SAR(10 g) = 0.331 mW/g
Maximum value of SAR (measured) = 0.452 mW/g



0 dB = 0.452 mW/g = -6.90 dB mW/g

#08_GSM850_GPRS (1 Tx slot)_Back_1cm_Ch251

DUT: 322231

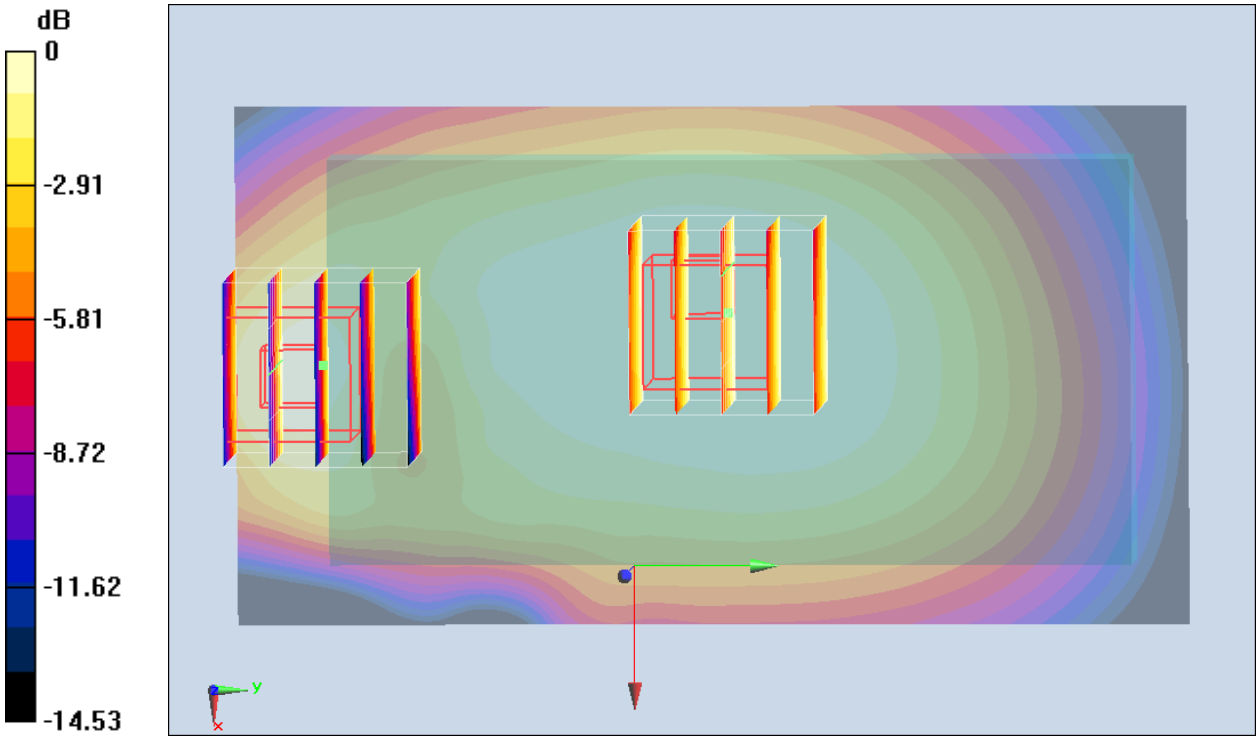
Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_850_130228 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.424; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch251/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.480 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.886 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.573 mW/g
SAR(1 g) = 0.453 mW/g; SAR(10 g) = 0.346 mW/g
Maximum value of SAR (measured) = 0.475 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.886 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.726 mW/g
SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.228 mW/g
Maximum value of SAR (measured) = 0.443 mW/g



0 dB = 0.443 mW/g = -7.07 dB mW/g

#09_GSM850_GPRS (1 Tx slot)_Left Side_1cm_Ch251

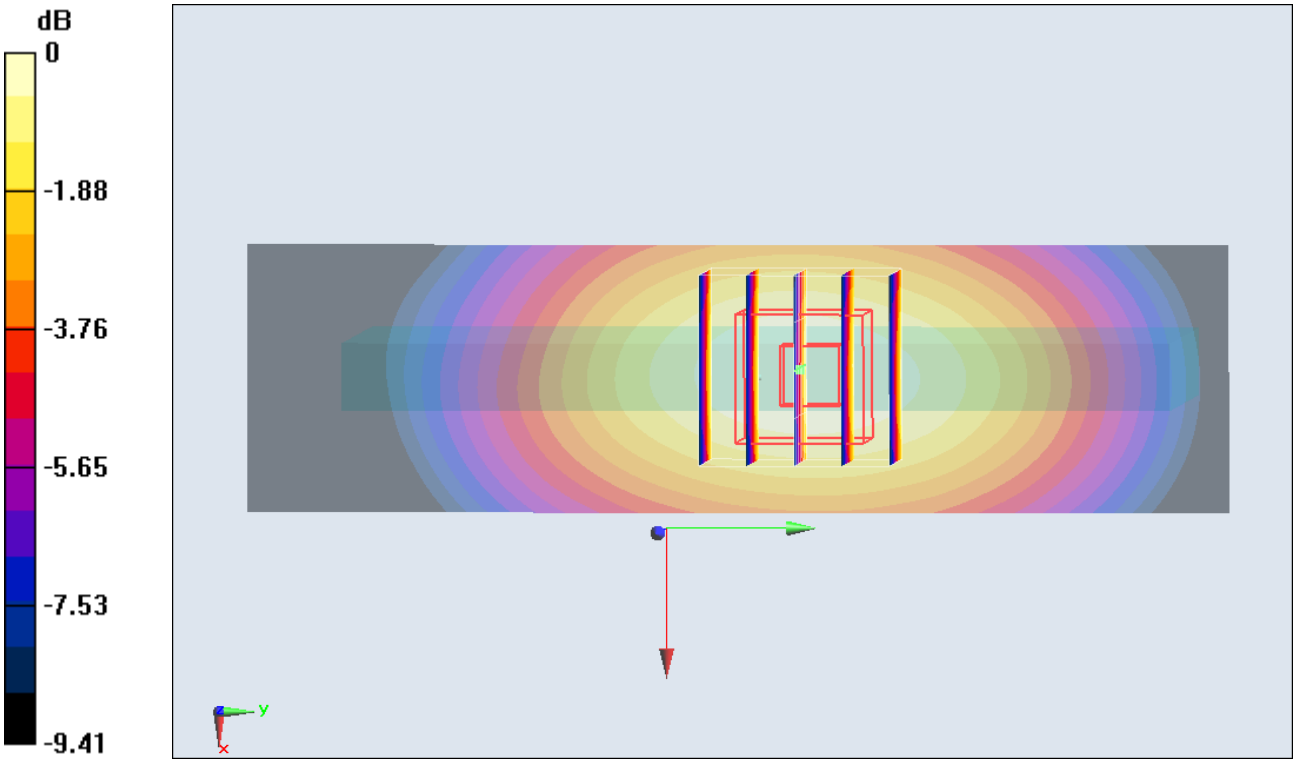
DUT: 322231

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_850_130228 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.424; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch251/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.336 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.364 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.426 mW/g
SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.217 mW/g
Maximum value of SAR (measured) = 0.332 mW/g



0 dB = 0.332 mW/g = -9.58 dB mW/g

#10_GSM850_GPRS (1 Tx slot)_Right Side_1cm_Ch251

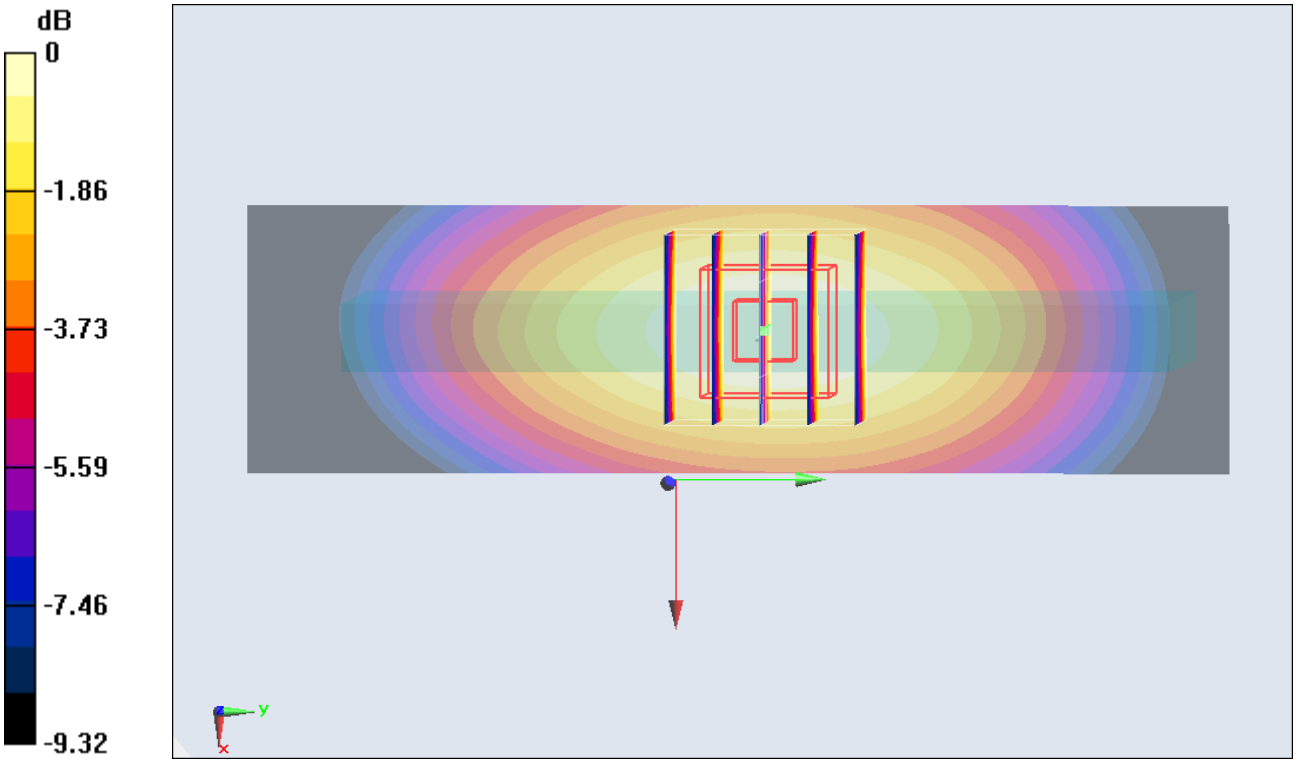
DUT: 322231

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_850_130228 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.424; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch251/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.632 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.453 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.775 mW/g
SAR(1 g) = 0.584 mW/g; SAR(10 g) = 0.407 mW/g
Maximum value of SAR (measured) = 0.625 mW/g



0 dB = 0.625 mW/g = -4.08 dB mW/g

#11_GSM850_GPRS (1 Tx slot)_Bottom Side_1cm_Ch251

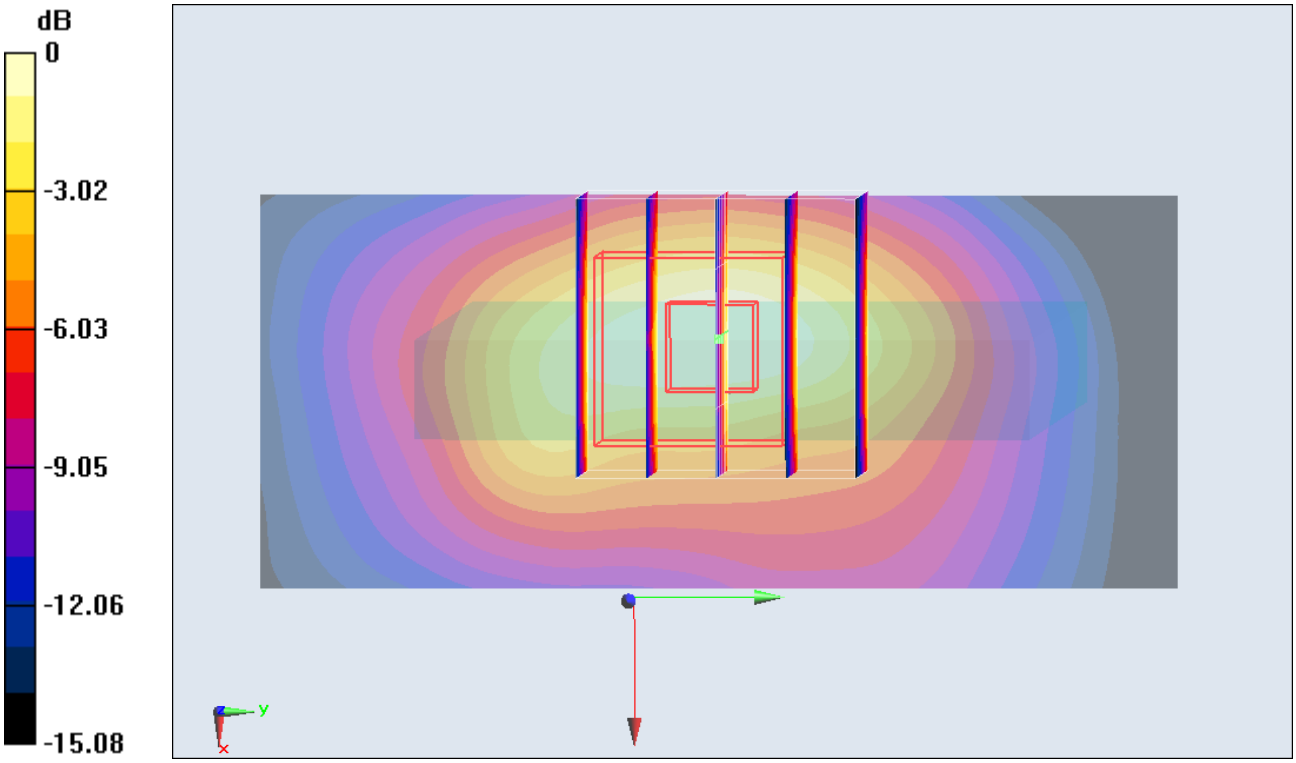
DUT: 322231

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_850_130228 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.424; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch251/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.407 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.379 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.681 mW/g
SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.194 mW/g
Maximum value of SAR (measured) = 0.401 mW/g



0 dB = 0.401 mW/g = -7.94 dB mW/g

#12_GSM850_GSM Voice_Back_1cm_Ch251

DUT: 322231

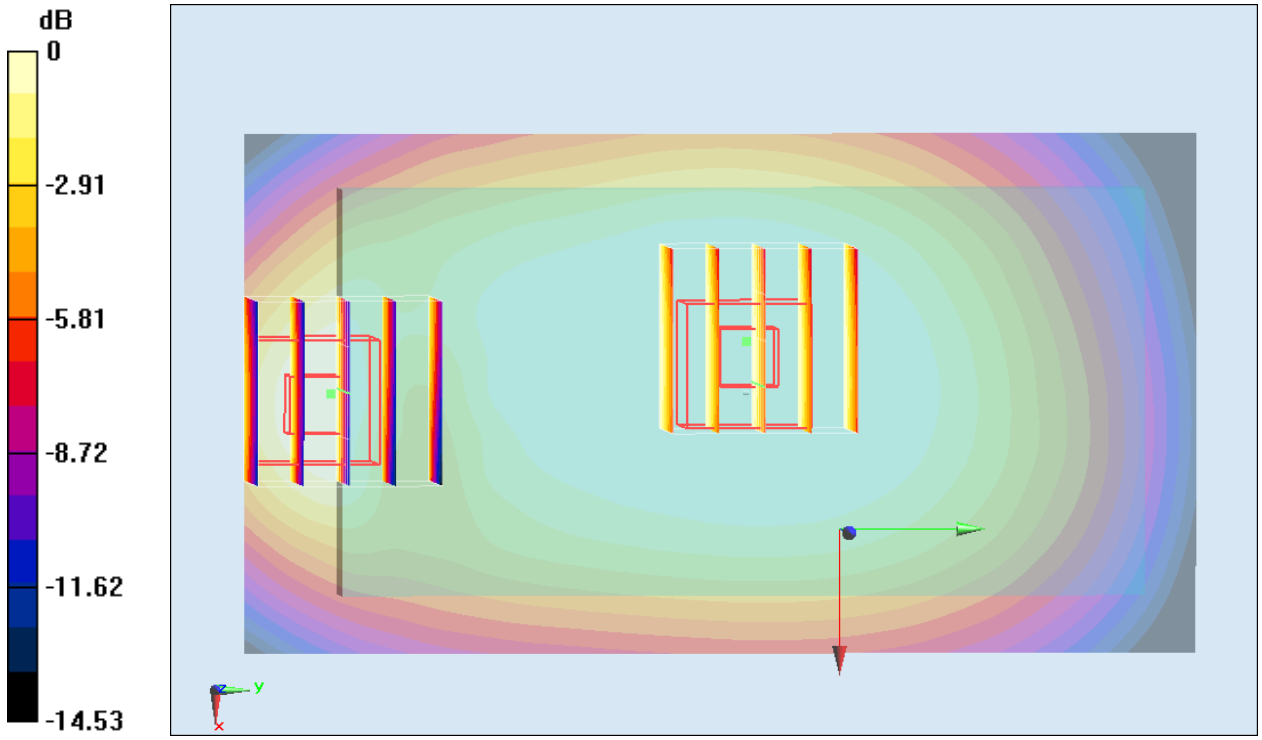
Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_850_130228 Medium parameters used: f = 849 MHz; σ = 0.976 mho/m; ε_r = 54.424; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch251/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.513 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.895 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.587 mW/g
SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.371 mW/g
Maximum value of SAR (measured) = 0.507 mW/g

Configuration/Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.895 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.738 mW/g
SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.229 mW/g
Maximum value of SAR (measured) = 0.427 mW/g



0 dB = 0.427 mW/g = -7.39 dB mW/g

#01_GSM1900_GPRS (4 Tx slots)_Front_1cm_Ch810

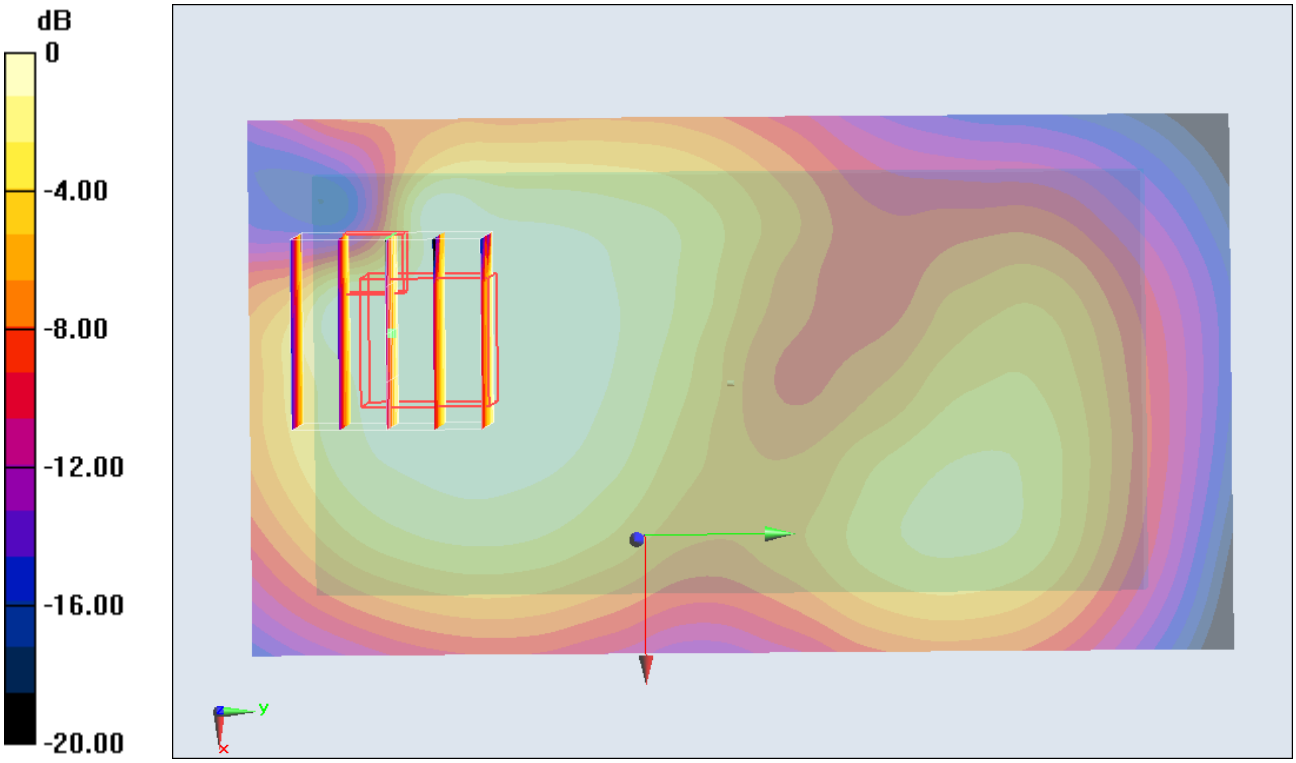
DUT: 322231

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL1900_130228 Medium parameters used: f = 1910 MHz; σ = 1.557 mho/m; ε_r = 53.214; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch810/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.368 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.369 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.517 mW/g
SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.196 mW/g
Maximum value of SAR (measured) = 0.337 mW/g



0 dB = 0.337 mW/g = -9.45 dB mW/g

#02_GSM1900_GPRS (4 Tx slots)_Back_1cm_Ch810

DUT: 322231

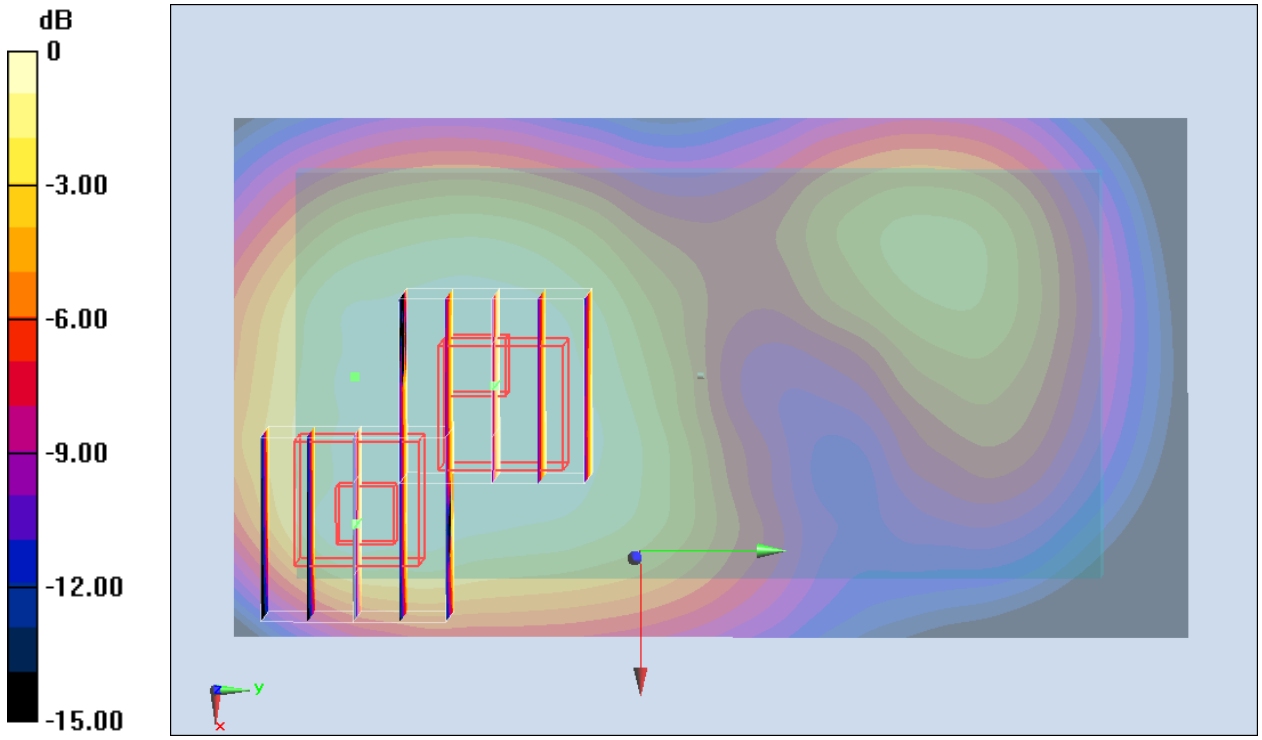
Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL1900_130228 Medium parameters used: f = 1910 MHz; σ = 1.557 mho/m; ε_r = 53.214; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch810/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.278 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.444 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.526 mW/g
SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.181 mW/g
Maximum value of SAR (measured) = 0.276 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.444 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.452 mW/g
SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.142 mW/g
Maximum value of SAR (measured) = 0.282 mW/g



0 dB = 0.282 mW/g = -11.00 dB mW/g

#03_GSM1900_GPRS (4 Tx slots)_Left Side_1cm_Ch810

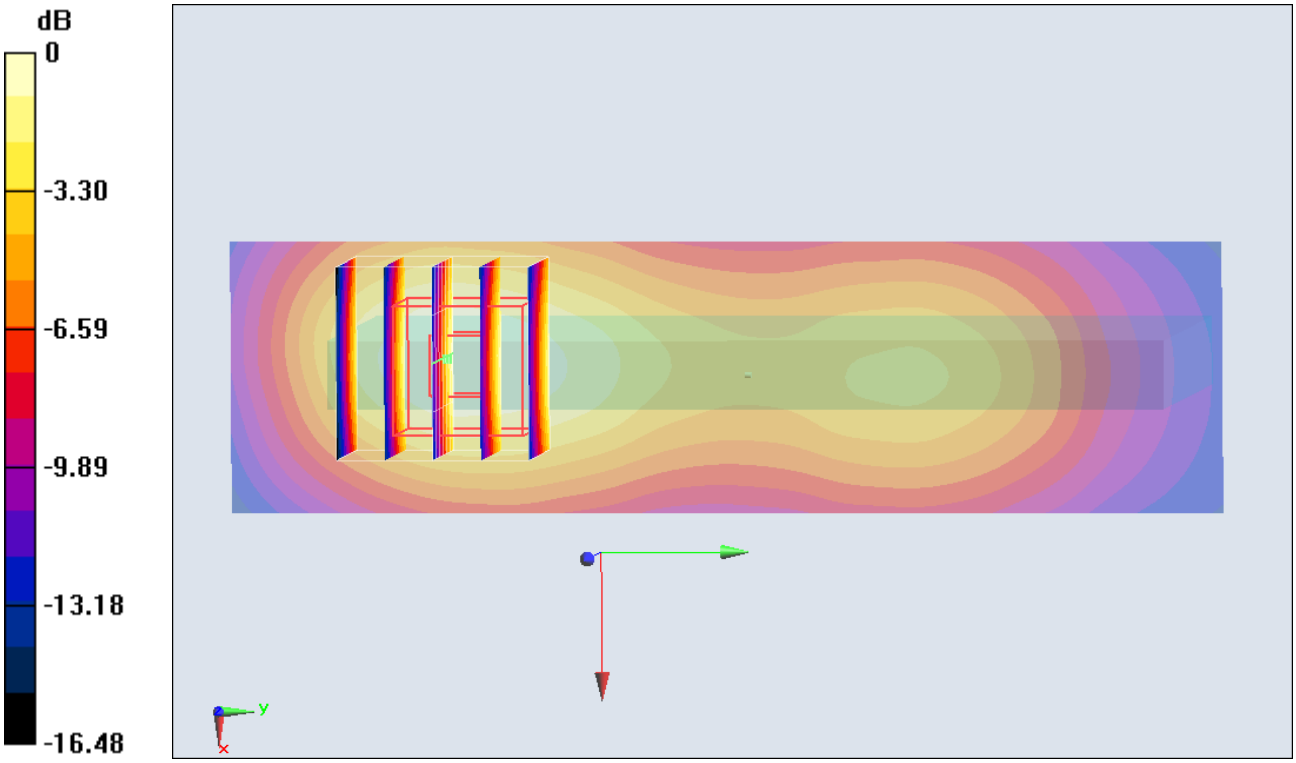
DUT: 322231

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL1900_130228 Medium parameters used: f = 1910 MHz; σ = 1.557 mho/m; ε_r = 53.214; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch810/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.279 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.242 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.358 mW/g
SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.144 mW/g
Maximum value of SAR (measured) = 0.262 mW/g



0 dB = 0.262 mW/g = -11.63 dB mW/g

#04_GSM1900_GPRS (4 Tx slots)_Right Side_1cm_Ch810

DUT: 322231

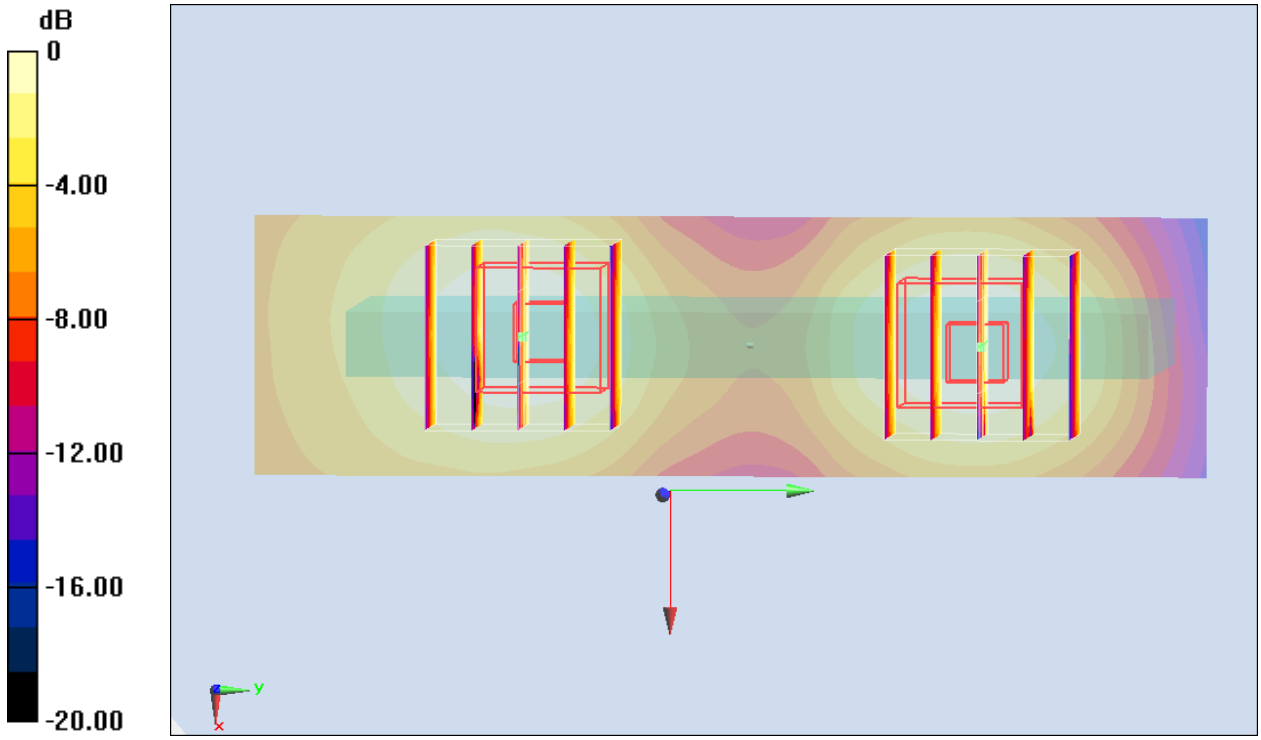
Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL1900_130228 Medium parameters used: f = 1910 MHz; σ = 1.557 mho/m; ε_r = 53.214; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch810/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.107 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.931 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.140 mW/g
SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.105 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.931 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.137 mW/g
SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.103 mW/g



0 dB = 0.103 mW/g = -19.74 dB mW/g

#05_GSM1900_GPRS (4 Tx slots)_Bottom Side_1cm_Ch810

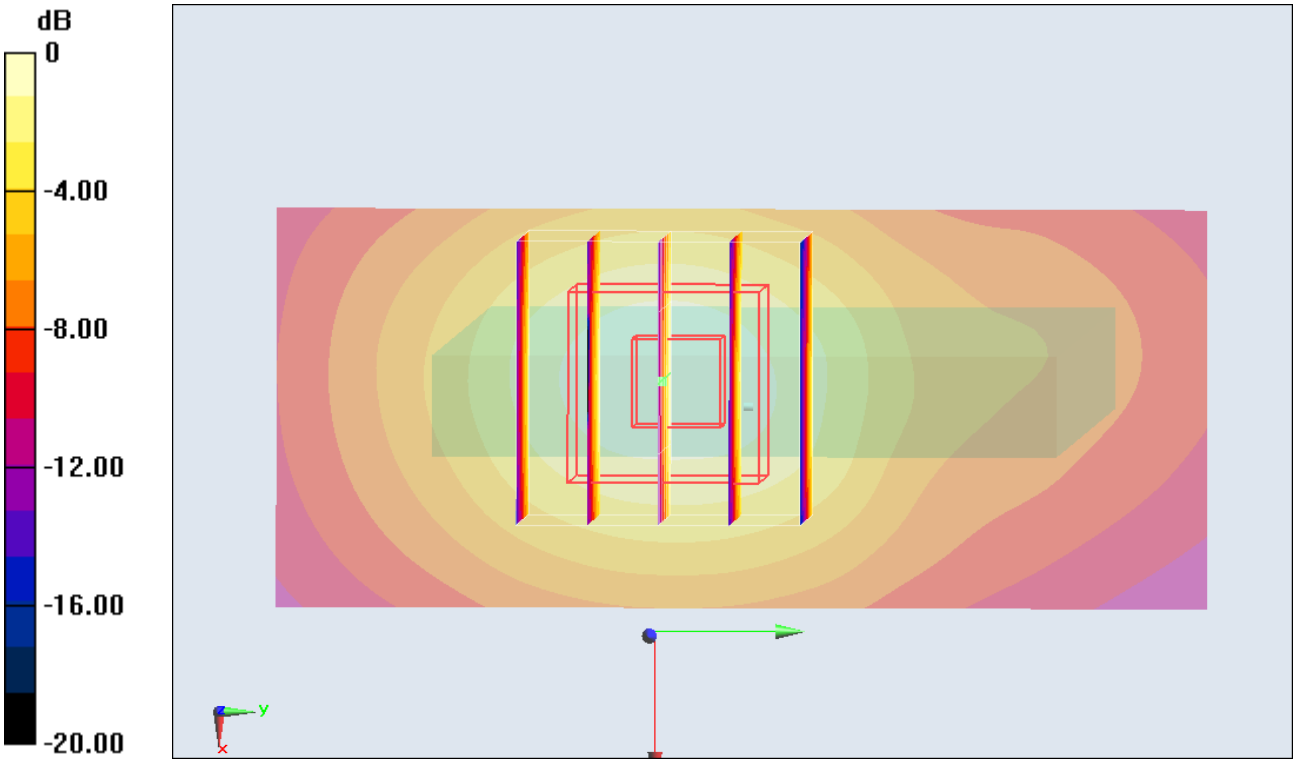
DUT: 322231

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL1900_130228 Medium parameters used: f = 1910 MHz; σ = 1.557 mho/m; ε_r = 53.214; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch810/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.289 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.664 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.403 mW/g
SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.149 mW/g
Maximum value of SAR (measured) = 0.286 mW/g



0 dB = 0.286 mW/g = -10.87 dB mW/g

#06_GSM1900_DTM Multi-slot class 11_Front_1cm_Ch810

DUT: 322231

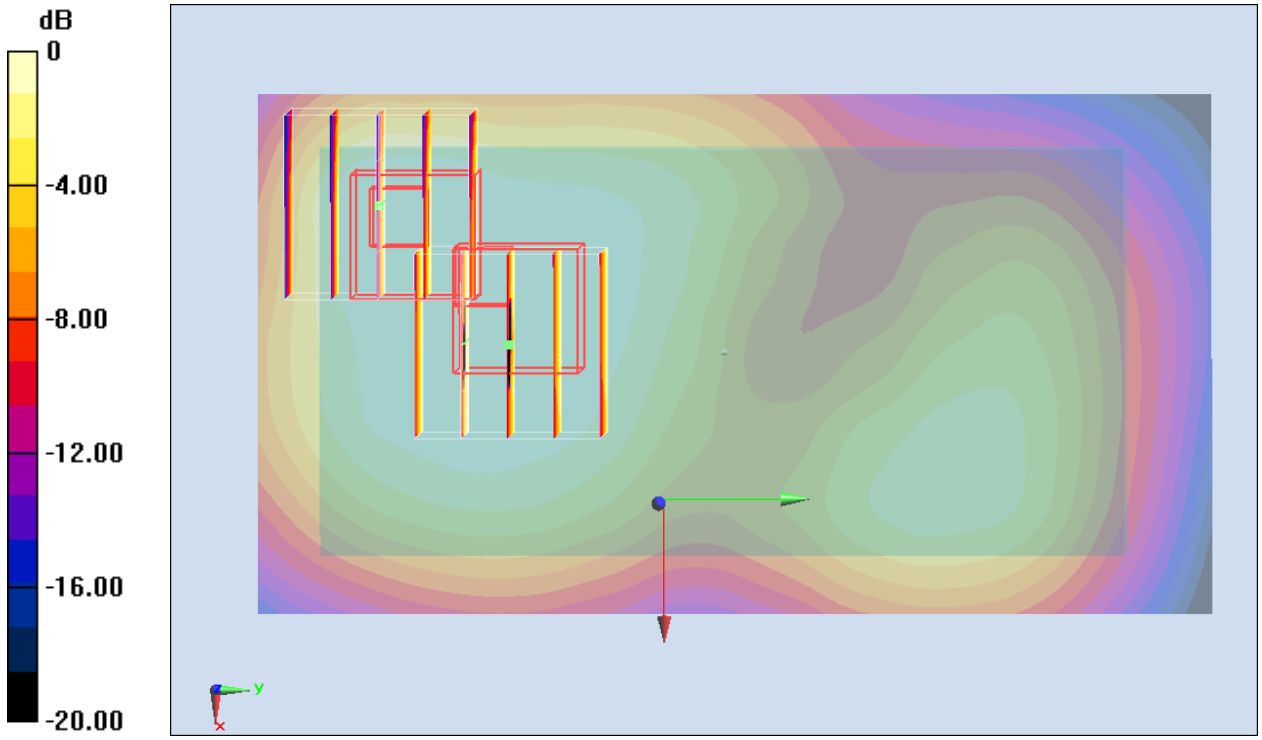
Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:2.67
Medium: MSL1900_130228 Medium parameters used: f = 1910 MHz; σ = 1.557 mho/m; ε_r = 53.214; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch810/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.336 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.475 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.485 mW/g
SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.176 mW/g
Maximum value of SAR (measured) = 0.313 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.475 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.422 mW/g
SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.288 mW/g



0 dB = 0.288 mW/g = -10.81 dB mW/g

#13_WCDMA V_RMC 12.2Kbps_Front_1cm_Ch4182

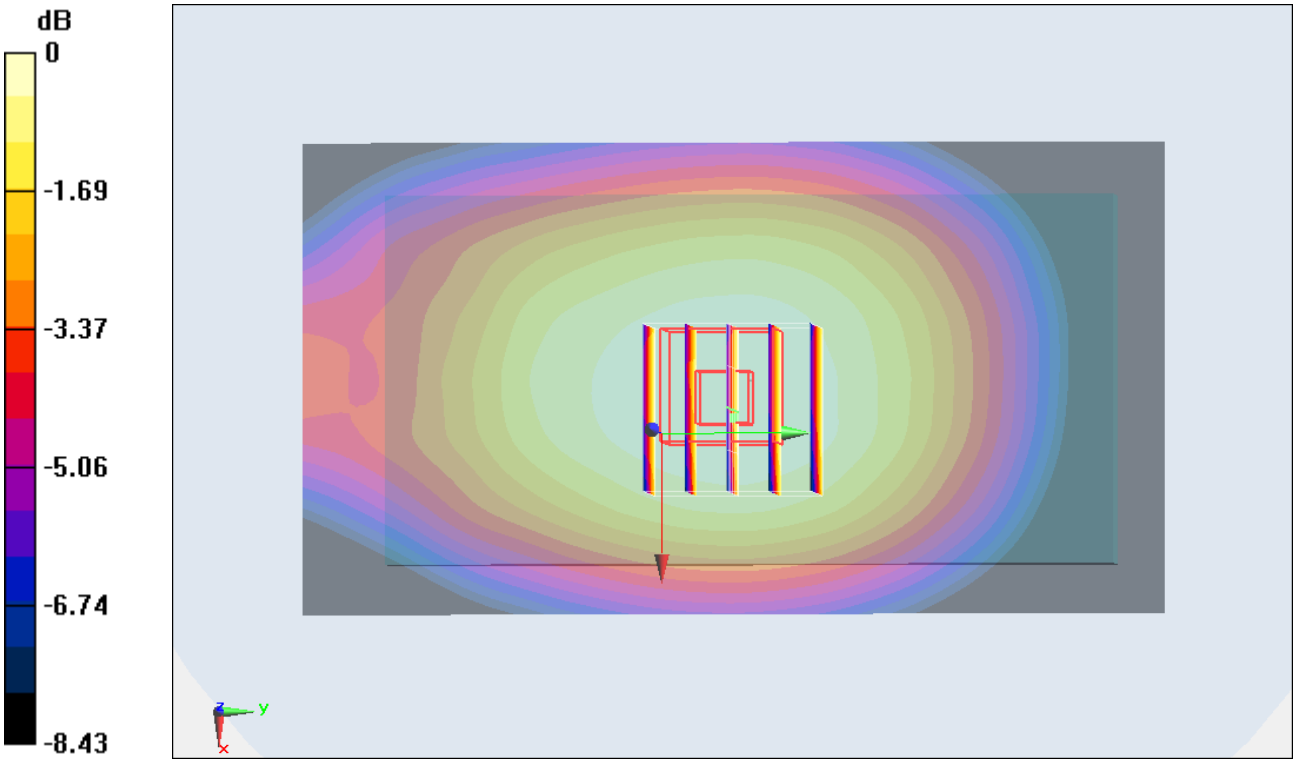
DUT: 322231

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_130228 Medium parameters used: f = 836.4 MHz; σ = 0.964 mho/m; ε_r = 54.54; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4182/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.641 mW/g

Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.747 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.735 mW/g
SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.476 mW/g
Maximum value of SAR (measured) = 0.638 mW/g



0 dB = 0.638 mW/g = -3.90 dB mW/g

#14_WCDMA V_RMC 12.2Kbps_Back_1cm_Ch4182

DUT: 322231

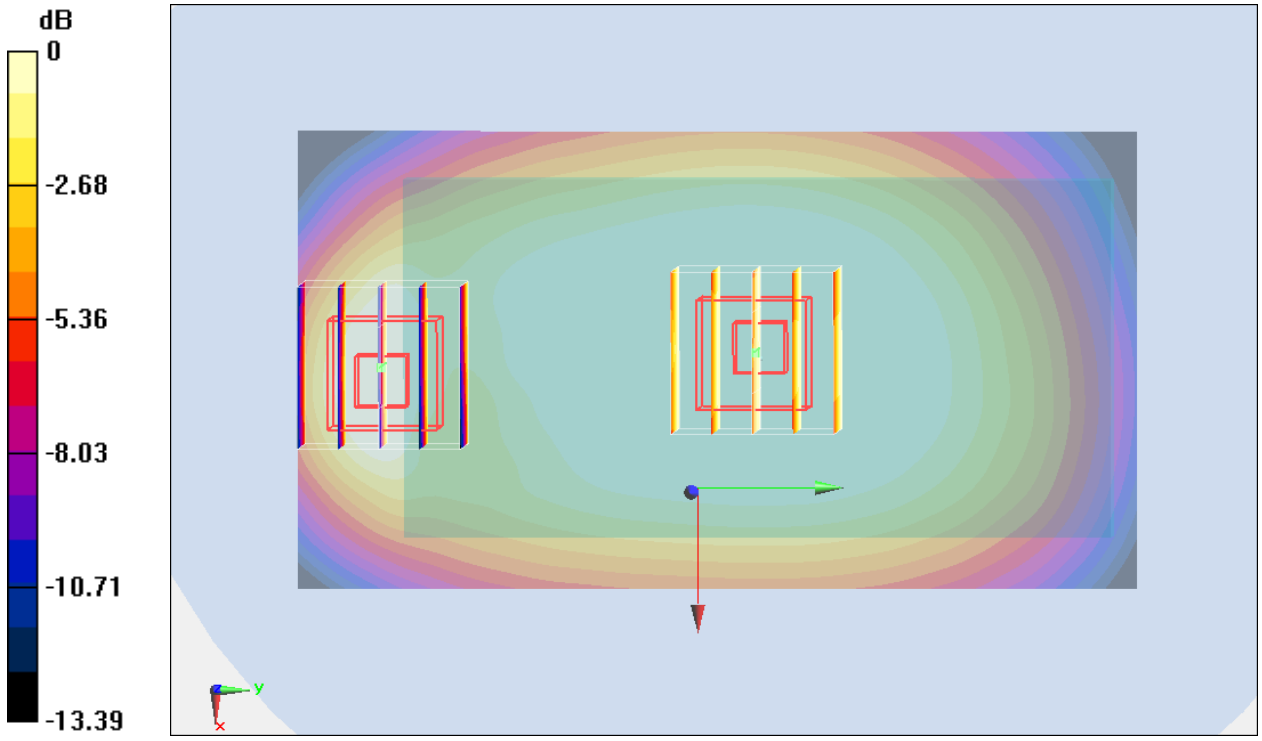
Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_130228 Medium parameters used: f = 836.4 MHz; σ = 0.964 mho/m; ε_r = 54.54; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4182/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.702 mW/g

Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.028 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.804 mW/g
SAR(1 g) = 0.665 mW/g; SAR(10 g) = 0.511 mW/g
Maximum value of SAR (measured) = 0.698 mW/g

Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.028 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.765 mW/g
SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.272 mW/g
Maximum value of SAR (measured) = 0.516 mW/g



0 dB = 0.516 mW/g = -5.75 dB mW/g

#15_WCDMA V_RMC 12.2Kbps_Left Side_1cm_Ch4182

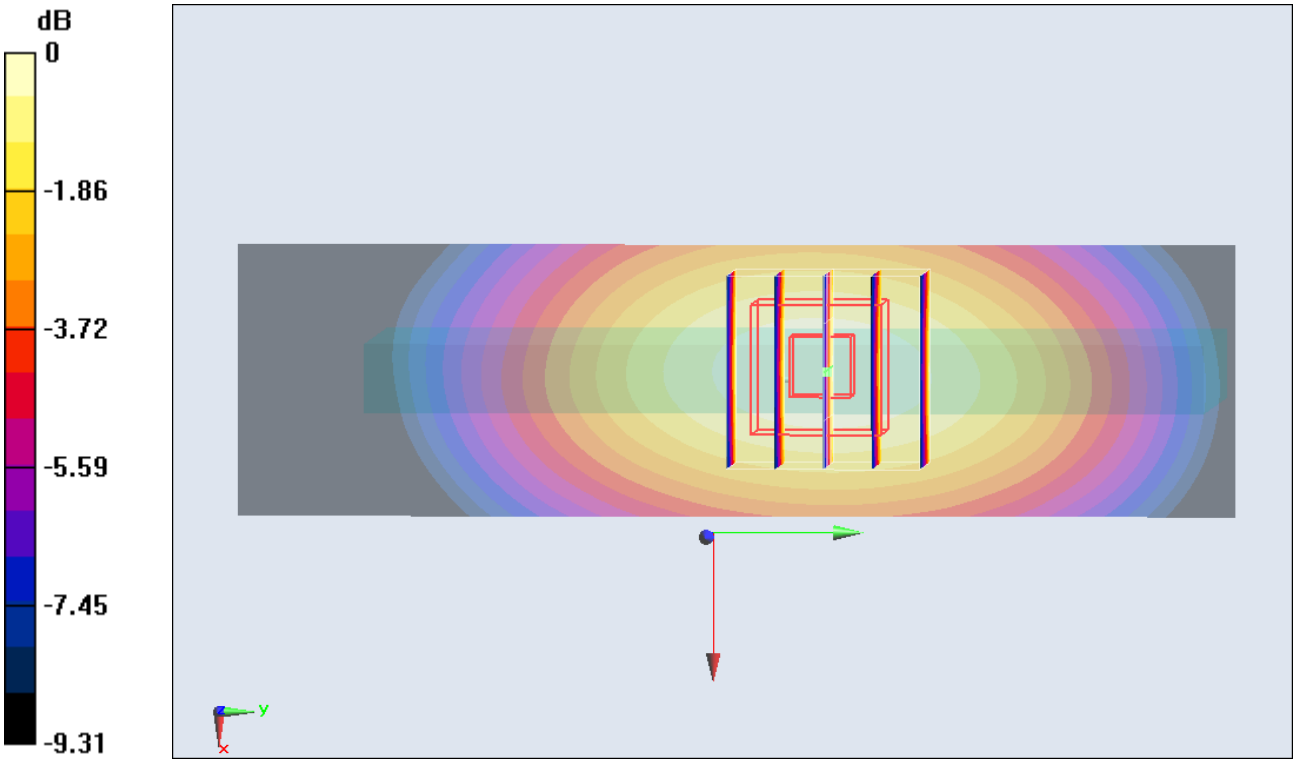
DUT: 322231

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_130228 Medium parameters used: f = 836.4 MHz; σ = 0.964 mho/m; ε_r = 54.54; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4182/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.532 mW/g

Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.411 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.677 mW/g
SAR(1 g) = 0.505 mW/g; SAR(10 g) = 0.353 mW/g
Maximum value of SAR (measured) = 0.541 mW/g



0 dB = 0.541 mW/g = -5.34 dB mW/g

#16_WCDMA V_RMC 12.2Kbps_Right Side_1cm_Ch4182

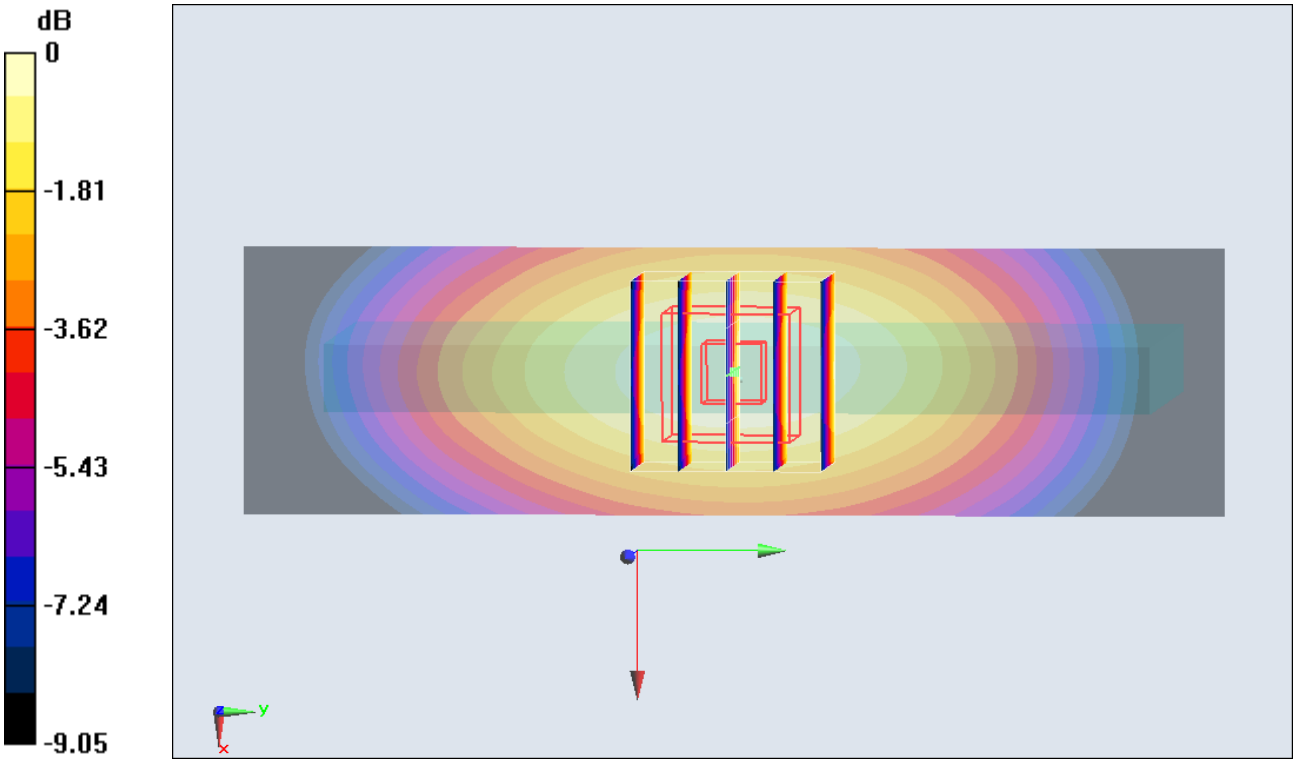
DUT: 322231

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_130228 Medium parameters used: f = 836.4 MHz; σ = 0.964 mho/m; ε_r = 54.54; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4182/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.747 mW/g

Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.220 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.937 mW/g
SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.494 mW/g
Maximum value of SAR (measured) = 0.751 mW/g



0 dB = 0.751 mW/g = -2.49 dB mW/g

#30_WCDMA V_RMC 12.2Kbps_Right Side_1cm_Ch4132

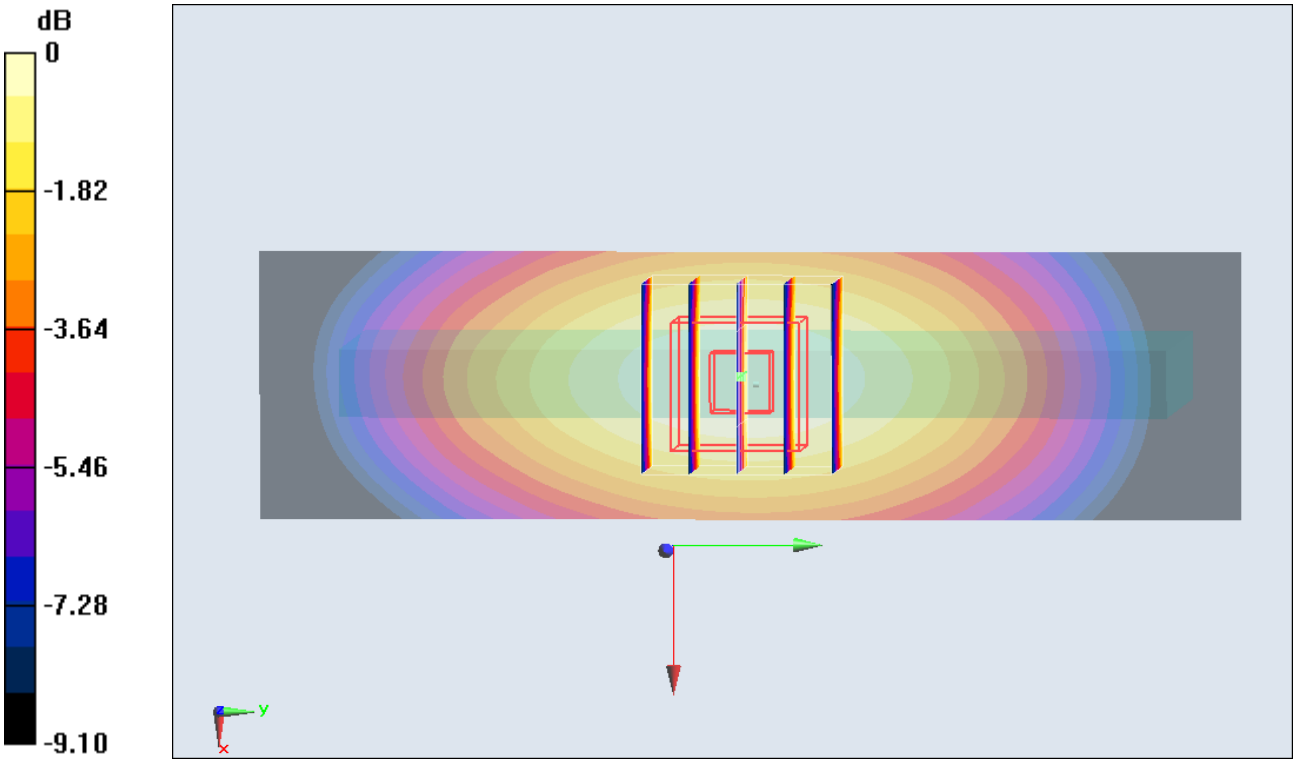
DUT: 322231

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_130228 Medium parameters used: f = 826.4 MHz; σ = 0.954 mho/m; ε_r = 54.647; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4132/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.758 mW/g

Configuration/Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.264 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.945 mW/g
SAR(1 g) = 0.708 mW/g; SAR(10 g) = 0.498 mW/g
Maximum value of SAR (measured) = 0.753 mW/g



0 dB = 0.753 mW/g = -2.46 dB mW/g

#31_WCDMA V_RMC 12.2Kbps_Right Side_1cm_Ch4233

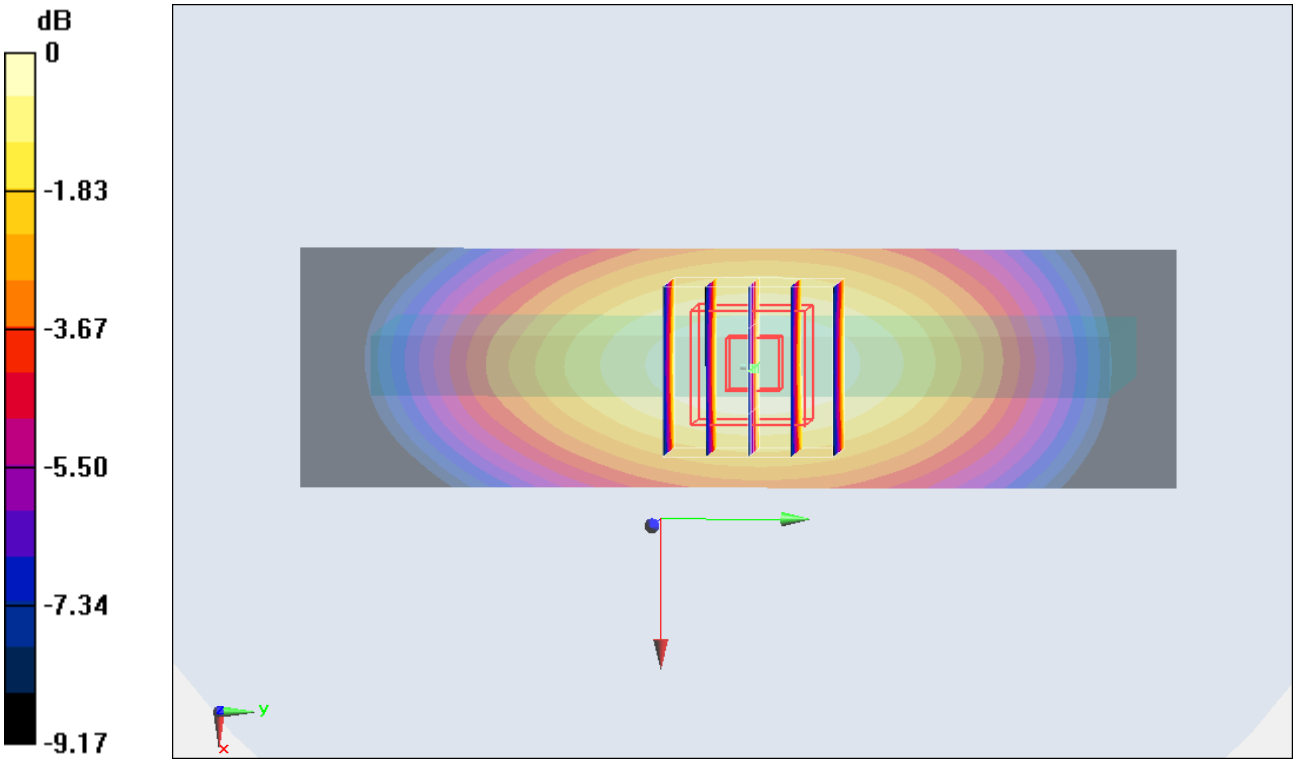
DUT: 322231

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_130228 Medium parameters used: f = 847 MHz; σ = 0.974 mho/m; ε_r = 54.445; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4233/Area Scan (31x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.710 mW/g

Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.080 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.884 mW/g
SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.464 mW/g
Maximum value of SAR (measured) = 0.709 mW/g



0 dB = 0.709 mW/g = -2.99 dB mW/g

#17_WCDMA V_RMC 12.2Kbps_Bottom Side_1cm_Ch4182

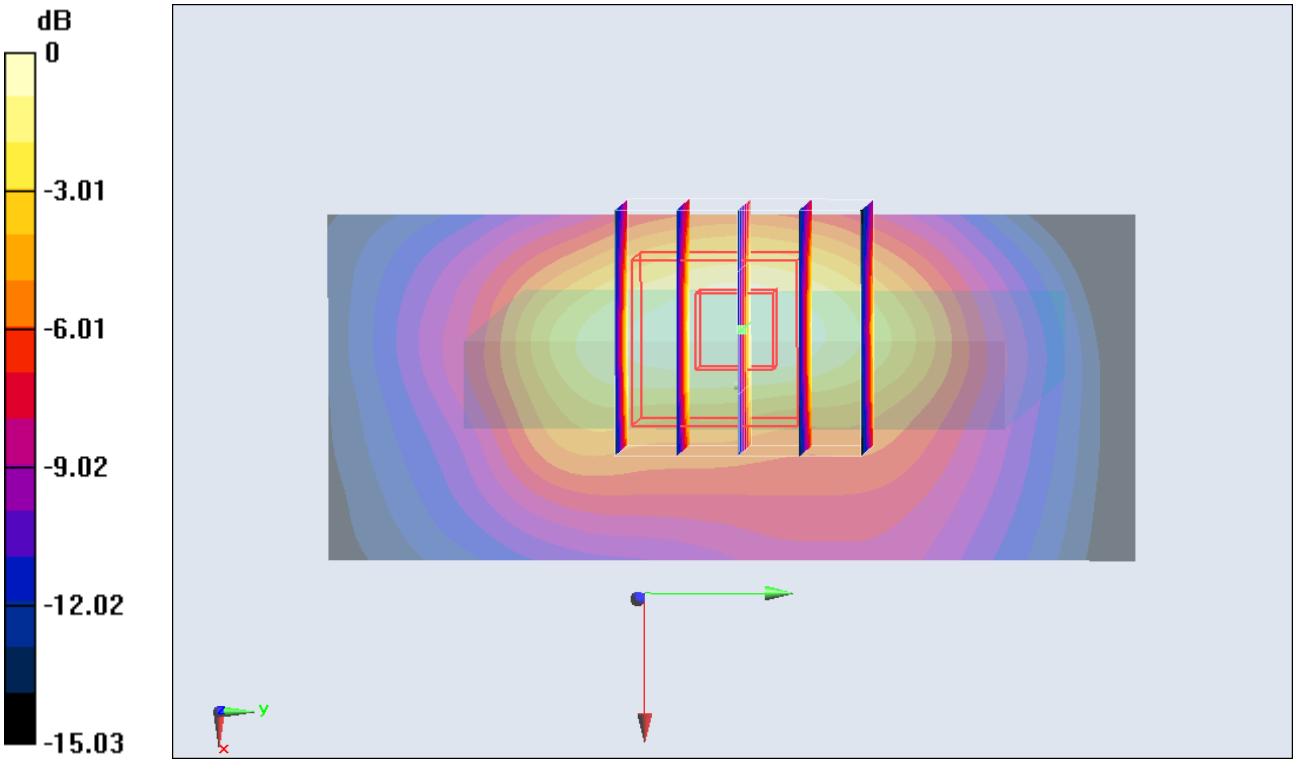
DUT: 322231

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_130228 Medium parameters used: f = 836.4 MHz; σ = 0.964 mho/m; ε_r = 54.54; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4182/Area Scan (31x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.575 mW/g

Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.197 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.910 mW/g
SAR(1 g) = 0.502 mW/g; SAR(10 g) = 0.270 mW/g
Maximum value of SAR (measured) = 0.562 mW/g



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

#14_WCDMA V_RMC 12.2Kbps_Back_1cm_Ch4182

DUT: 322231

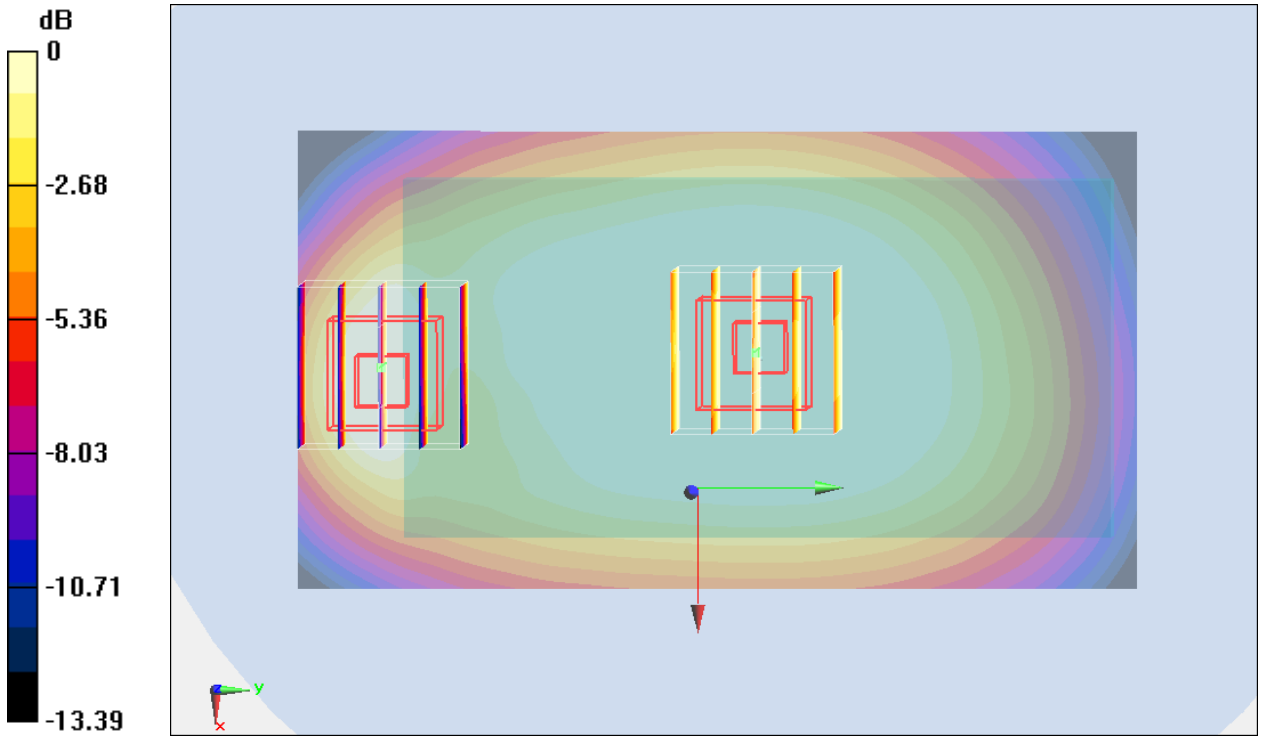
Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_130228 Medium parameters used: f = 836.4 MHz; σ = 0.964 mho/m; ε_r = 54.54; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch4182/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.702 mW/g

Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.028 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.804 mW/g
SAR(1 g) = 0.665 mW/g; SAR(10 g) = 0.511 mW/g
Maximum value of SAR (measured) = 0.698 mW/g

Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.028 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.765 mW/g
SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.272 mW/g
Maximum value of SAR (measured) = 0.516 mW/g



0 dB = 0.516 mW/g = -5.75 dB mW/g

#37_WLAN2.4G_802.11b_Front_1cm_Ch1

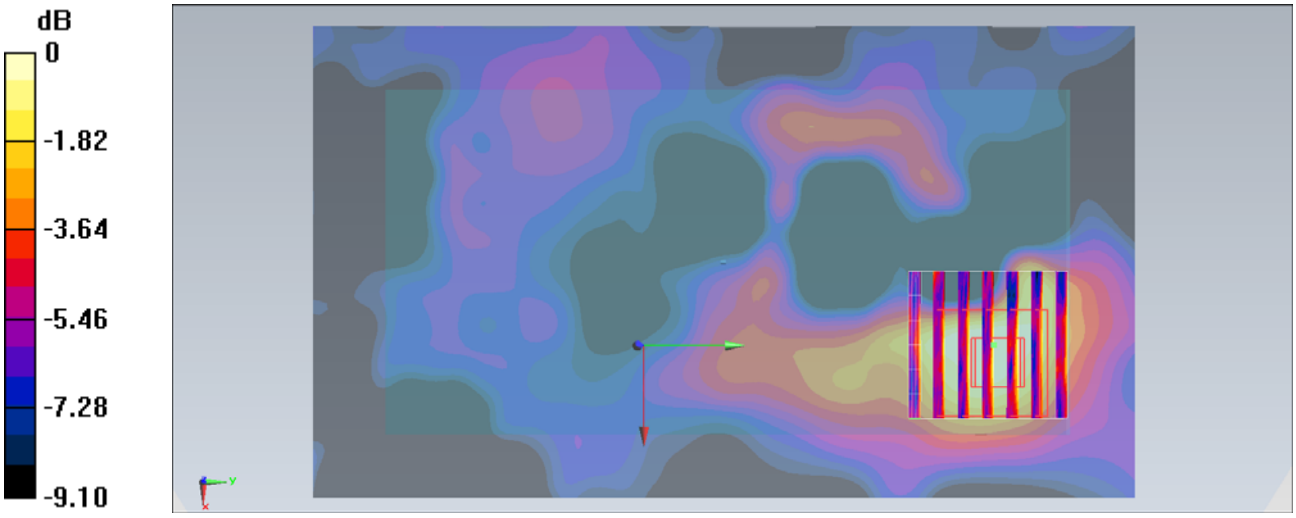
DUT: 322231

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130321 Medium parameters used: f = 2412 MHz; σ = 1.916 mho/m; ε_r = 53.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

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 (81x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0108 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.108 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.014 mW/g
SAR(1 g) = 0.00745 mW/g; SAR(10 g) = 0.00448 mW/g
Maximum value of SAR (measured) = 0.00907 mW/g



0 dB = 0.00907 mW/g = -40.85 dB mW/g

#38_WLAN2.4G_802.11b_Back_1cm_Ch1

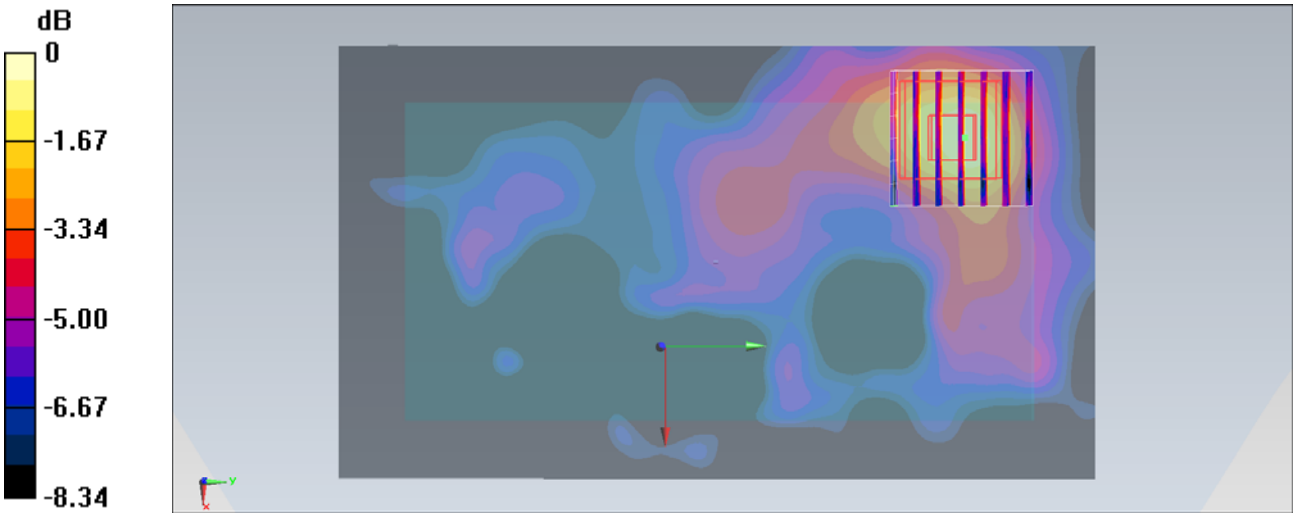
DUT: 322231

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130321 Medium parameters used: f = 2412 MHz; σ = 1.916 mho/m; ε_r = 53.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

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 (81x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0107 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.408 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.020 mW/g
SAR(1 g) = 0.00993 mW/g; SAR(10 g) = 0.00615 mW/g
Maximum value of SAR (measured) = 0.0121 mW/g



0 dB = 0.0121 mW/g = -38.34 dB mW/g

#39_WLAN2.4G_802.11b_Right Side_1cm_Ch1

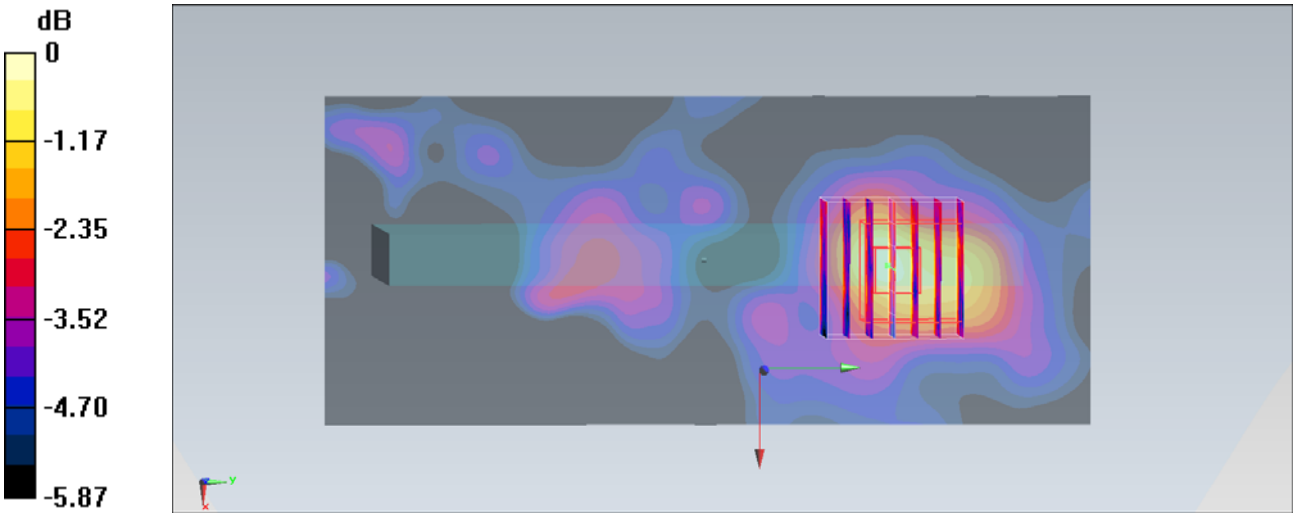
DUT: 322231

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130321 Medium parameters used: f = 2412 MHz; σ = 1.916 mho/m; ε_r = 53.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

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 (61x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.00698 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.852 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.010 mW/g
SAR(1 g) = 0.00596 mW/g; SAR(10 g) = 0.00425 mW/g
Maximum value of SAR (measured) = 0.00710 mW/g



0 dB = 0.00710 mW/g = -42.97 dB mW/g

#40_WLAN2.4G_802.11b_Top Side_1cm_Ch1

DUT: 322231

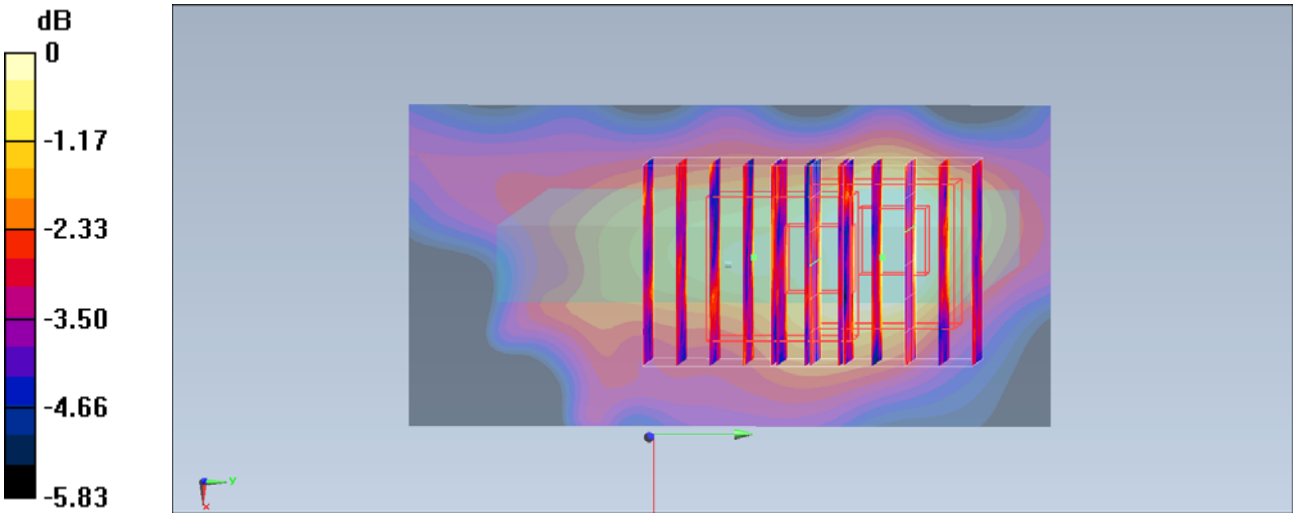
Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130321 Medium parameters used: f = 2412 MHz; σ = 1.916 mho/m; ε_r = 53.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

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 (41x81x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.00819 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.884 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.019 mW/g
SAR(1 g) = 0.00625 mW/g; SAR(10 g) = 0.00413 mW/g
Maximum value of SAR (measured) = 0.00732 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.884 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.017 mW/g
SAR(1 g) = 0.00552 mW/g; SAR(10 g) = 0.00374 mW/g
Maximum value of SAR (measured) = 0.00662 mW/g



0 dB = 0.00662 mW/g = -43.58 dB mW/g

#41_WLAN2.4G_802.11n-HT20_Back_1cm_Ch1

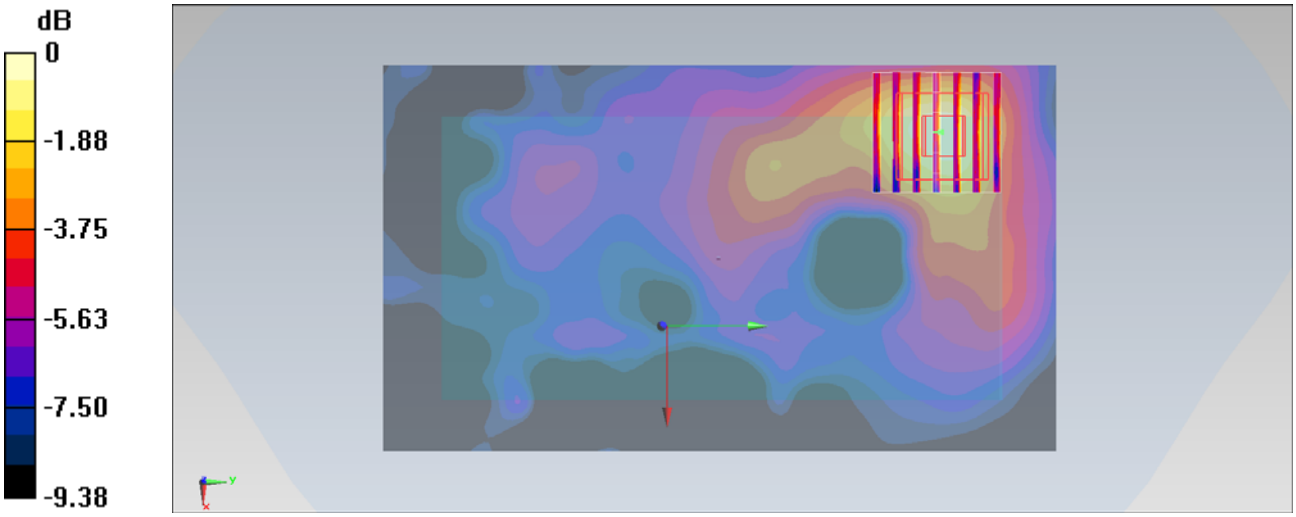
DUT: 322231

Communication System: 802.11n; Frequency: 2412 MHz;Duty Cycle: 1:1.146
Medium: MSL_2450_130321 Medium parameters used: f = 2412 MHz; σ = 1.916 mho/m; ε_r = 53.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

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 (81x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.0125 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.579 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.025 mW/g
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00663 mW/g
Maximum value of SAR (measured) = 0.0125 mW/g



0 dB = 0.0125 mW/g = -38.06 dB mW/g

#42_WLAN5G_802.11a_Front_1cm_Ch36

DUT: 322231

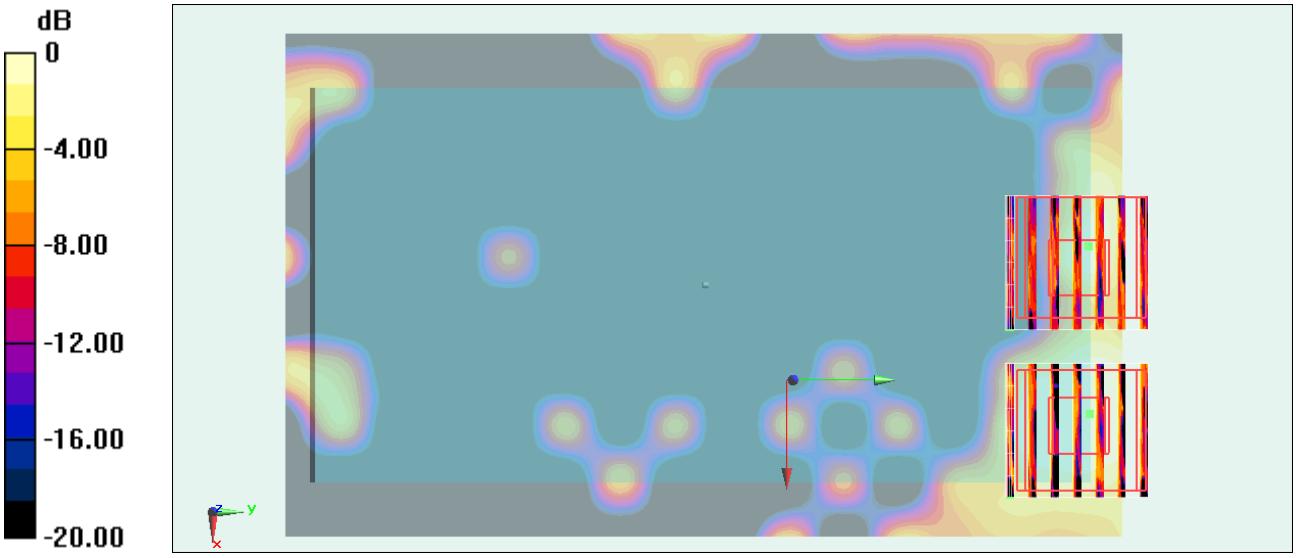
Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1.131
Medium: MSL_5G_130323 Medium parameters used: f = 5180 MHz; σ = 5.097 mho/m; ε_r = 47.487; ρ = 1000 kg/m^3
Ambient Temperature：22.6℃; Liquid Temperature：21.6℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); 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/Ch36/Area Scan (91x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0321 mW/g

Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.828 V/m; Power Drift = -0.147 dB
Peak SAR (extrapolated) = 0.064 mW/g
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00439 mW/g
Maximum value of SAR (measured) = 0.0343 mW/g

Configuration/Ch36/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.828 V/m; Power Drift = -0.147 dB
Peak SAR (extrapolated) = 0.078 mW/g
SAR(1 g) = 0.00622 mW/g; SAR(10 g) = 0.00224 mW/g
Maximum value of SAR (measured) = 0.0211 mW/g



0 dB = 0.0211 mW/g = -33.51 dB mW/g

#43_WLAN5G_802.11a_Back_1cm_Ch36

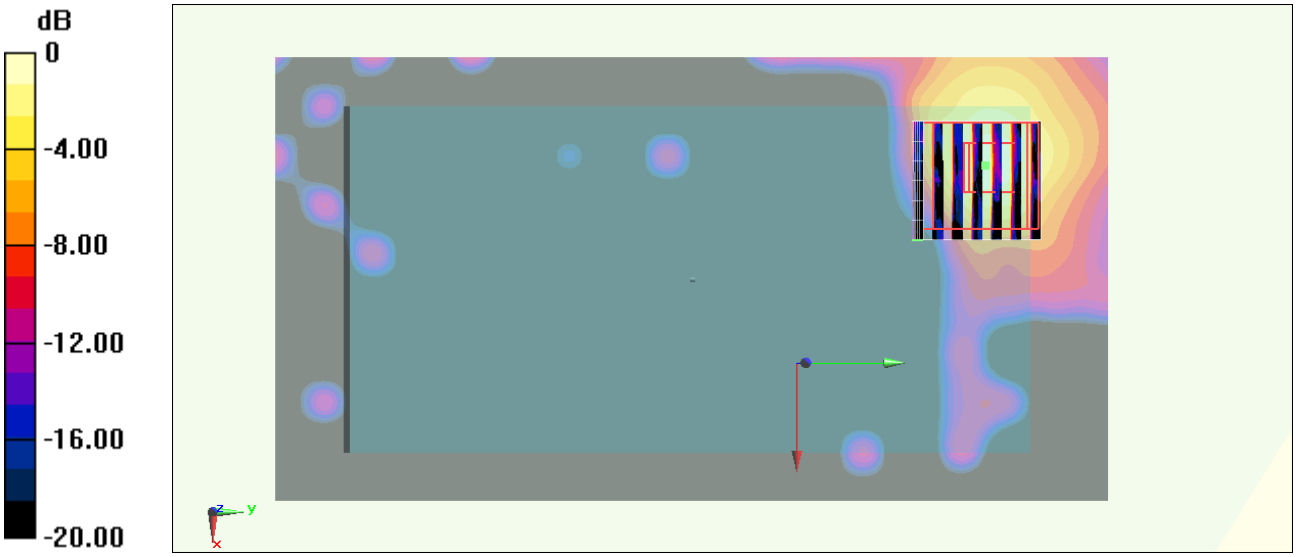
DUT: 322231

Communication System: 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1.131
Medium: MSL_5G_130323 Medium parameters used: f = 5180 MHz; σ = 5.097 mho/m; ε_r = 47.487; ρ = 1000 kg/m^3
Ambient Temperature：22.6℃; Liquid Temperature：21.6℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); 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/Ch36/Area Scan (91x171x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0835 mW/g

Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.684 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 0.156 mW/g
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.00978 mW/g
Maximum value of SAR (measured) = 0.0999 mW/g



0 dB = 0.0999 mW/g = -20.01 dB mW/g

#63_WLAN5G_802.11ac-VHT80_Back_1cm_Ch42

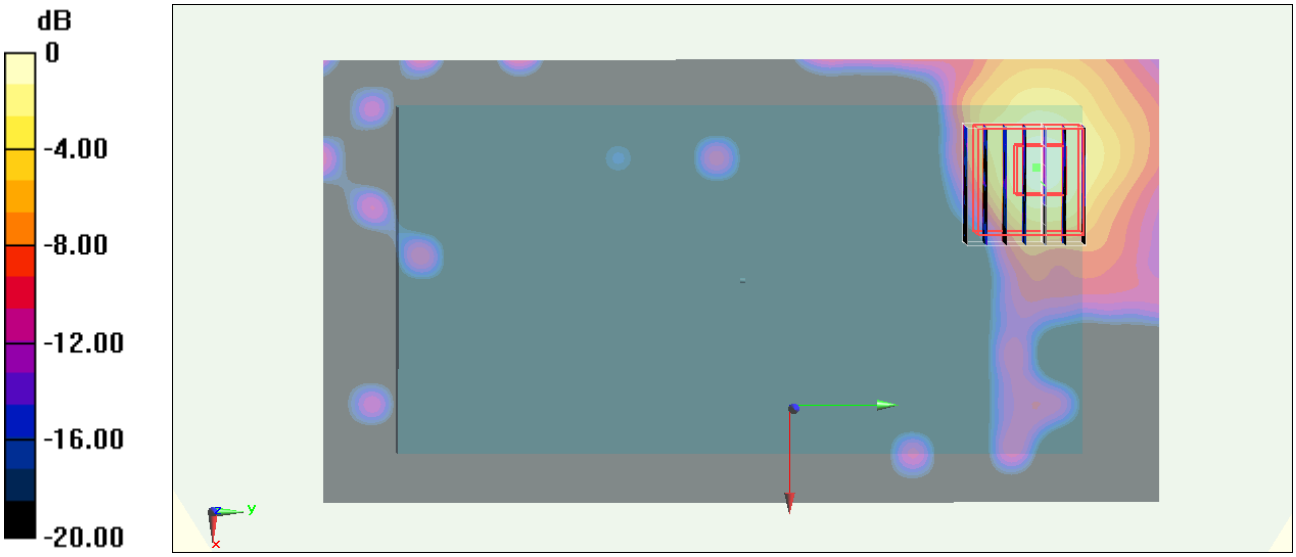
DUT: 322231

Communication System: 802.11ac; Frequency: 5210 MHz;Duty Cycle: 1:1.190
Medium: MSL_5G_130323 Medium parameters used: f = 5210 MHz; σ = 5.138 mho/m; ε_r = 47.46; ρ = 1000 kg/m^3
Ambient Temperature：22.6℃; Liquid Temperature：21.6℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); 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/Ch42/Area Scan (91x171x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0850 mW/g

Configuration/Ch42/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.707 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.159 mW/g
SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.00996 mW/g
Maximum value of SAR (measured) = 0.102 mW/g



0 dB = 0.102 mW/g = -19.83 dB mW/g

#44_WLAN5G_802.11a_Front_1cm_Ch52

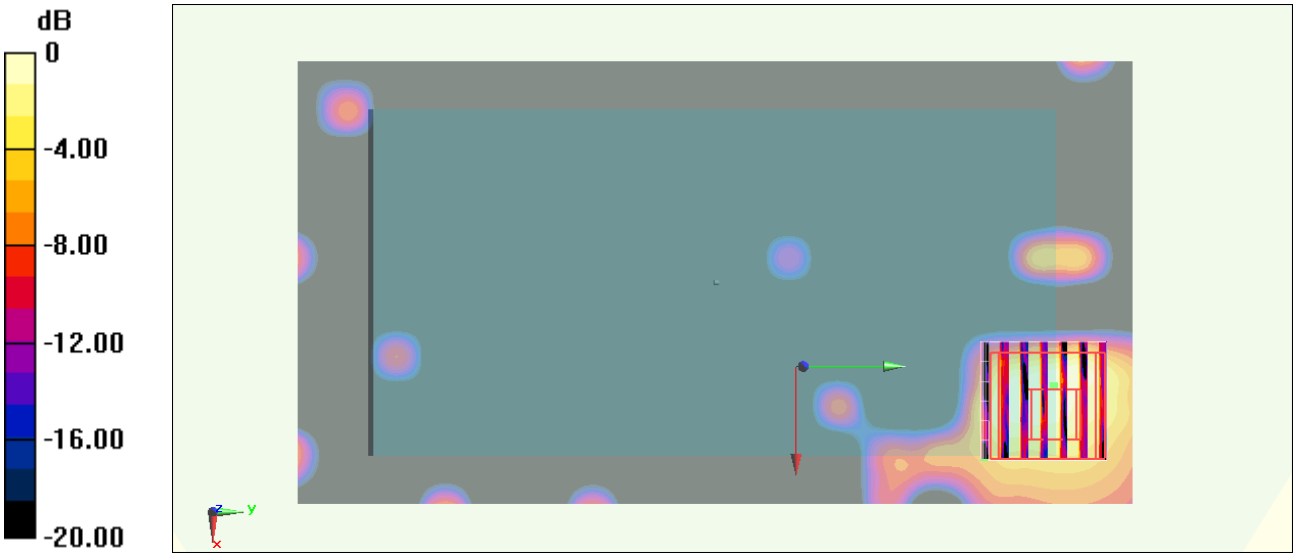
DUT: 322231

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1.131
Medium: MSL_5G_130323 Medium parameters used: f = 5260 MHz; σ = 5.185 mho/m; ε_r = 47.327; ρ = 1000 kg/m^3
Ambient Temperature：22.6℃; Liquid Temperature：21.6℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); 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 (91x171x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0466 mW/g

Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.841 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.081 mW/g
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.0059 mW/g
Maximum value of SAR (measured) = 0.0442 mW/g



0 dB = 0.0442 mW/g = -27.09 dB mW/g

#45_WLAN5G_802.11a_Back_1cm_Ch52

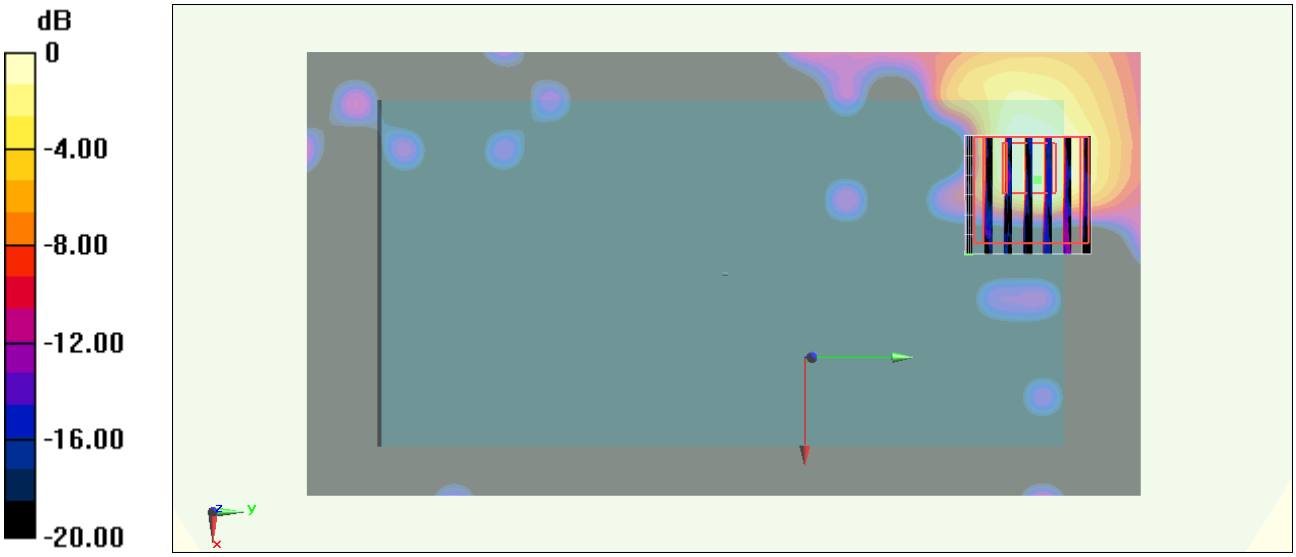
DUT: 322231

Communication System: 802.11a; Frequency: 5260 MHz;Duty Cycle: 1:1.131
Medium: MSL_5G_130323 Medium parameters used: f = 5260 MHz; σ = 5.185 mho/m; ε_r = 47.327; ρ = 1000 kg/m^3
Ambient Temperature：22.6℃; Liquid Temperature：21.6℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); 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 (91x171x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.158 mW/g

Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.316 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.201 mW/g
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.125 mW/g



0 dB = 0.125 mW/g = -18.06 dB mW/g

#64_WLAN5G_802.11ac-VHT80_Back_1cm_Ch58

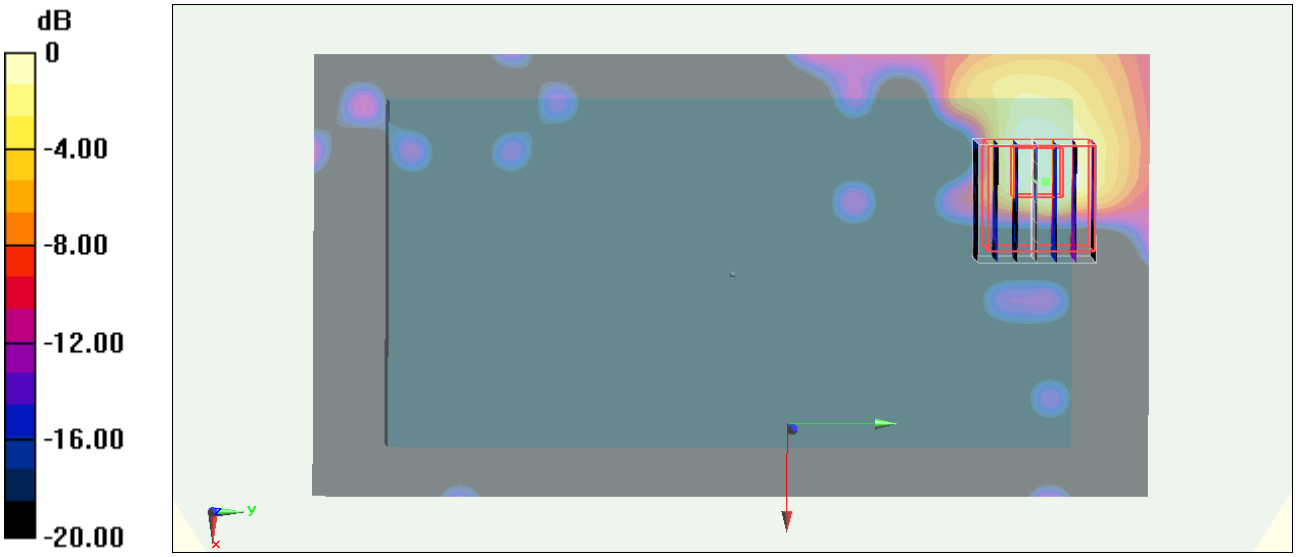
DUT: 322231

Communication System: 802.11ac; Frequency: 5290 MHz;Duty Cycle: 1:1.190
Medium: MSL_5G_130323 Medium parameters used: f = 5290 MHz; σ = 5.244 mho/m; ε_r = 47.269; ρ = 1000 kg/m^3
Ambient Temperature：22.6℃; Liquid Temperature：21.6℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); 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 (91x171x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.161 mW/g

Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.343 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.205 mW/g
SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.128 mW/g



0 dB = 0.128 mW/g = -17.86 dB mW/g

#46_WLAN5G_802.11a_Front_1cm_Ch136

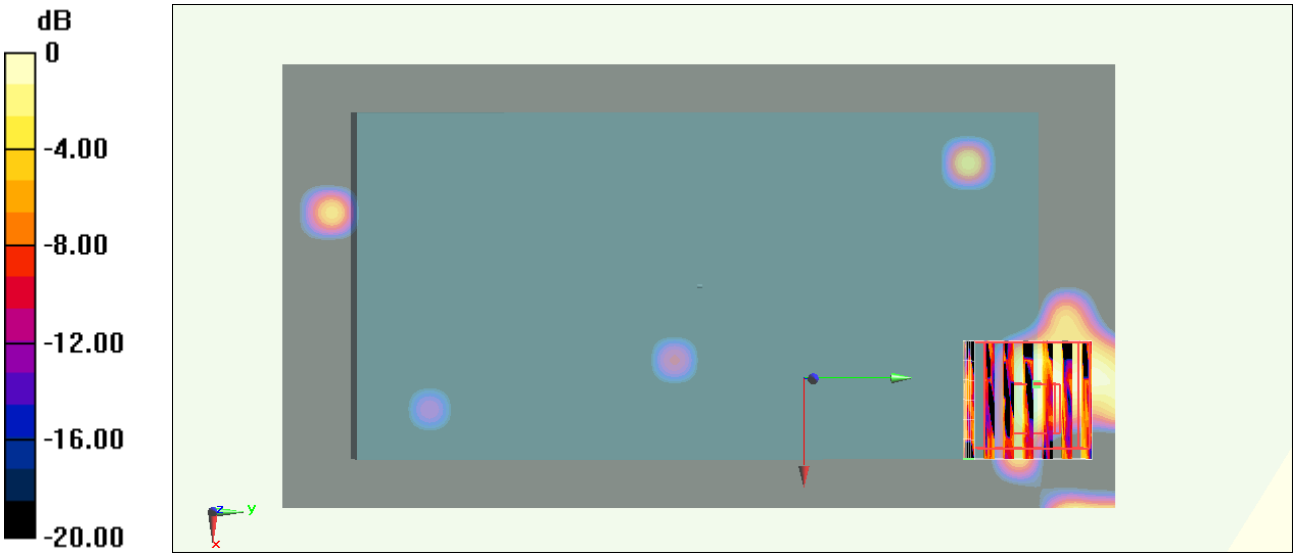
DUT: 322231

Communication System: 802.11a; Frequency: 5680 MHz;Duty Cycle: 1:1.131
Medium: MSL_5G_130323 Medium parameters used: f = 5680 MHz; σ = 5.781 mho/m; ε_r = 46.704; ρ = 1000 kg/m^3
Ambient Temperature：22.6℃; Liquid Temperature：21.6℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); 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/Ch136/Area Scan (91x171x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0372 mW/g

Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.708 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.078 mW/g
SAR(1 g) = 0.0071 mW/g; SAR(10 g) = 0.00281 mW/g
Maximum value of SAR (measured) = 0.0224 mW/g



0 dB = 0.0224 mW/g = -33.00 dB mW/g

#47_WLAN5G_802.11a_Back_1cm_Ch136

DUT: 322231

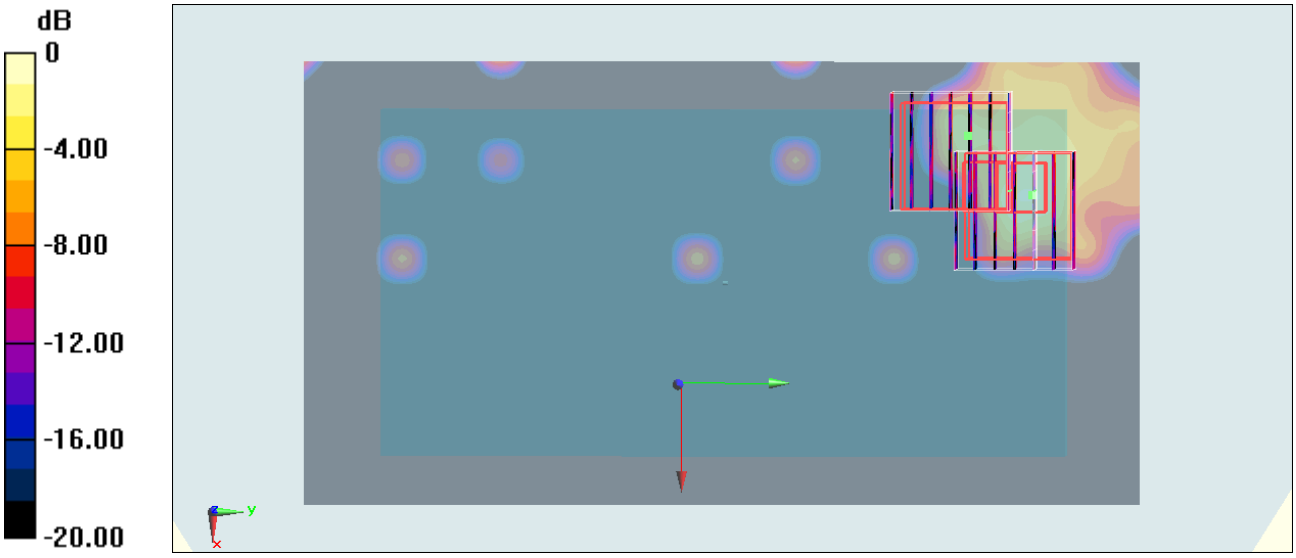
Communication System: 802.11a; Frequency: 5680 MHz;Duty Cycle: 1:1.131
Medium: MSL_5G_130323 Medium parameters used: f = 5680 MHz; σ = 5.781 mho/m; ε_r = 46.704; ρ = 1000 kg/m^3
Ambient Temperature：22.6℃; Liquid Temperature：21.6℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); 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/Ch136/Area Scan (91x171x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0424 mW/g

Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.436 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.241 mW/g
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.00543 mW/g
Maximum value of SAR (measured) = 0.0610 mW/g

Configuration/Ch136/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.436 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.116 mW/g
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00322 mW/g
Maximum value of SAR (measured) = 0.0556 mW/g



0 dB = 0.0556 mW/g = -25.10 dB mW/g

#65_WLAN5G_802.11ac-VHT80_Back_1cm_Ch106

DUT: 322231

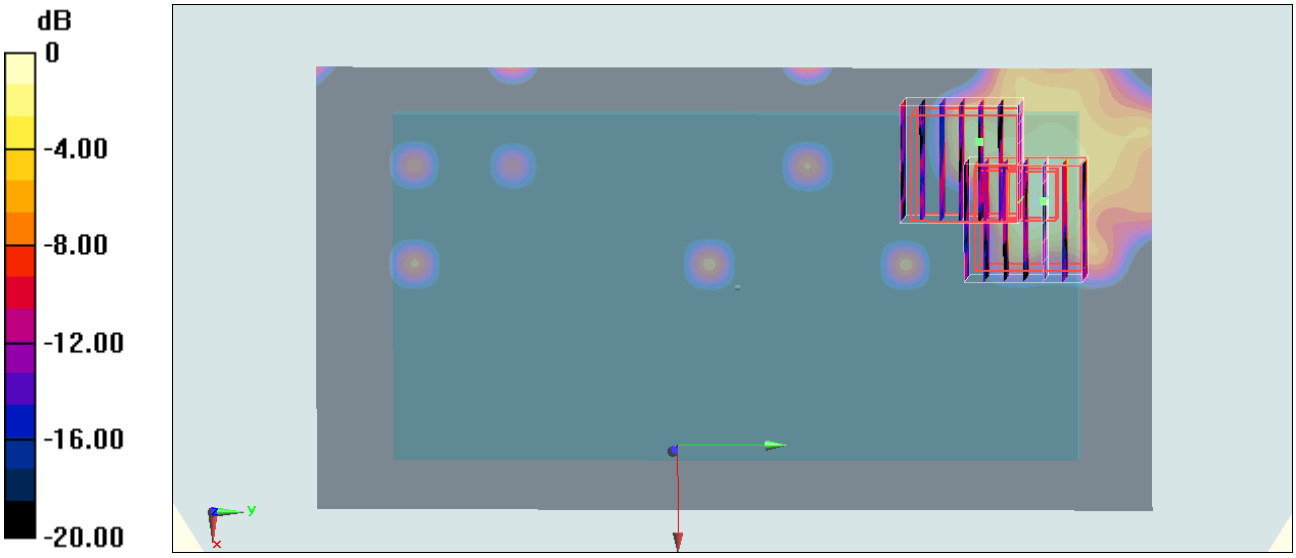
Communication System: 802.11ac; Frequency: 5530 MHz;Duty Cycle: 1:1.190
Medium: MSL_5G_130323 Medium parameters used: f = 5530 MHz; σ = 5.552 mho/m; ε_r = 46.981; ρ = 1000 kg/m^3
Ambient Temperature：22.6℃; Liquid Temperature：21.6℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); 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/Ch106/Area Scan (91x171x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0391 mW/g

Configuration/Ch106/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.367 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.222 mW/g
SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.005 mW/g
Maximum value of SAR (measured) = 0.0562 mW/g

Configuration/Ch106/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.367 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.107 mW/g
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00297 mW/g
Maximum value of SAR (measured) = 0.0513 mW/g



0 dB = 0.0513 mW/g = -25.80 dB mW/g