Annex D Plots of Maximum SAR Test Results

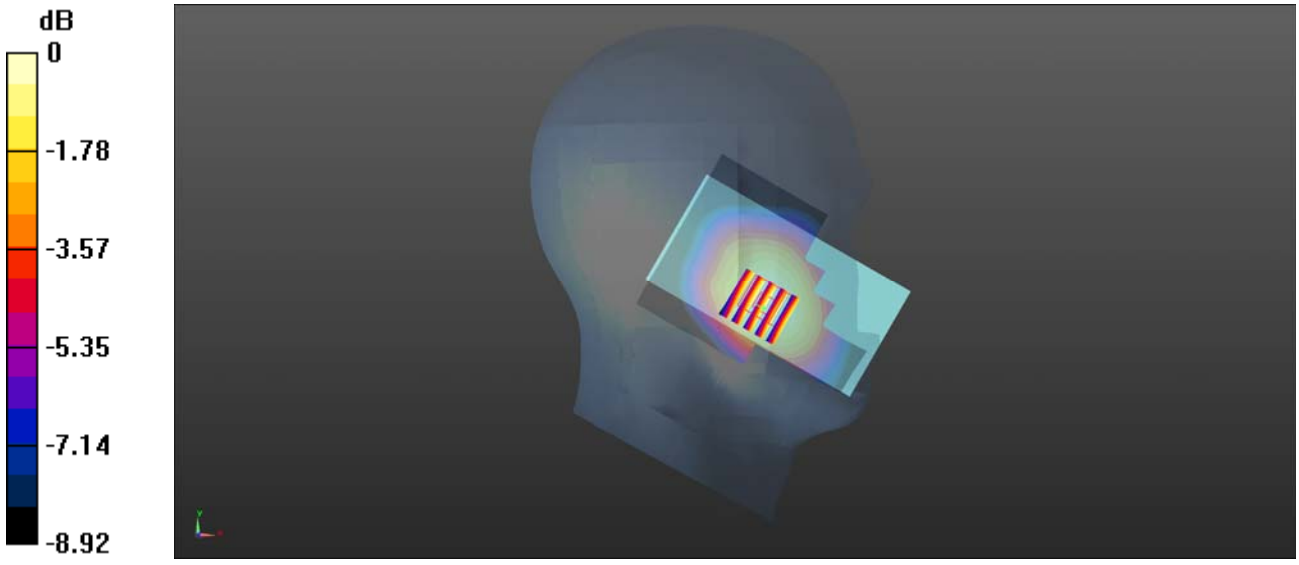
GSM850_GPRS(2 TX slots)_Left Cheek_Ch251

Communication System: UID 0, GSM850(class 10) (0); Frequency: 848.8 MHz;Duty Cycle: 1:4.15
Medium: HSL_835 Medium parameters used: f = 849 MHz; σ = 0.922 S/m; ε_r = 41.003; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(8.57, 8.57, 8.57); Calibrated: 2019.03.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch251/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.607 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.442 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.704 W/kg
SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.425 W/kg
Maximum value of SAR (measured) = 0.589 W/kg



0 dB = 0.589 W/kg

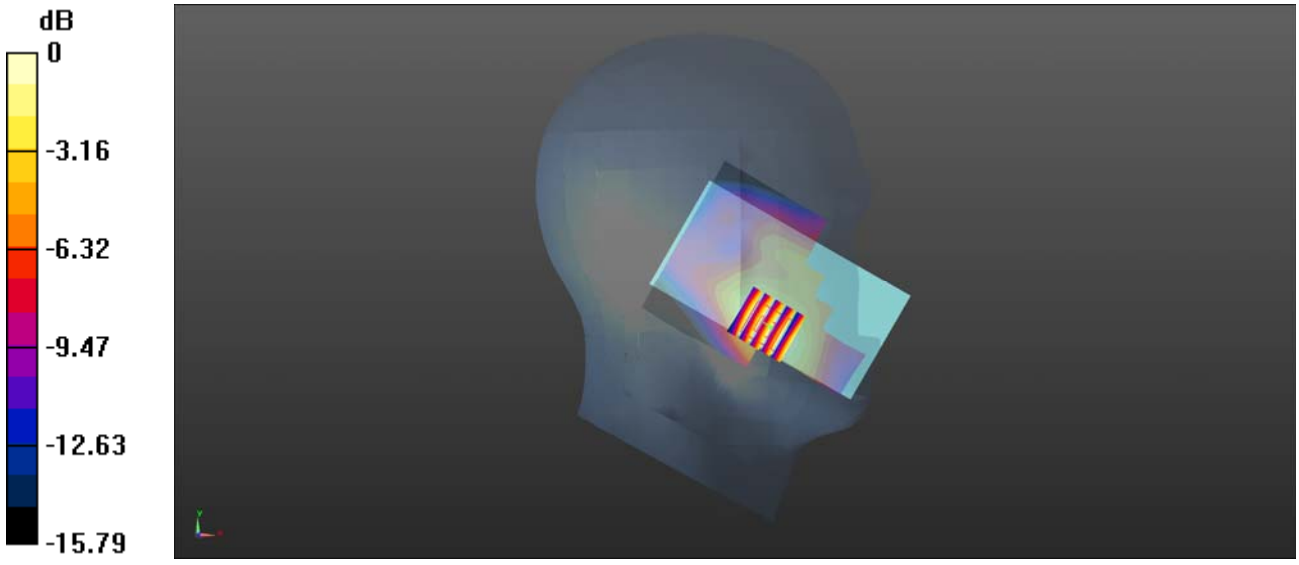
GSM1900_GPRS(4 TX slots)_Left Cheek_Ch512

Communication System: UID 0, PCS1900(class 12) (0); Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900 Medium parameters used: f = 1850.2 MHz; σ = 1.282 S/m; ε_r = 41.338; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(7.21, 7.21, 7.21); Calibrated: 2019.03.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch512/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.362 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.825 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.527 W/kg
SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.205 W/kg
Maximum value of SAR (measured) = 0.361 W/kg



0 dB = 0.362 W/kg

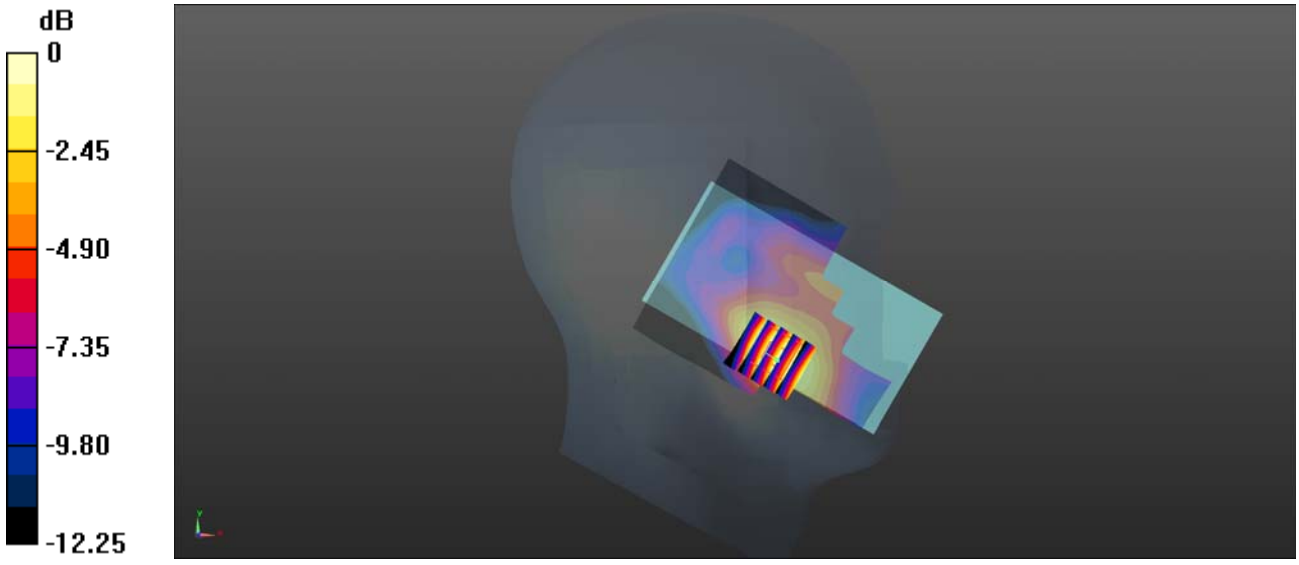
WCDMA Band II_RMC 12.2Kbps_Left Cheek_Ch9262

Communication System: UID 0, UMTS-FDD (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1852.4 MHz; σ = 1.286 S/m; ε_r = 41.321; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃； Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(7.21, 7.21, 7.21); Calibrated: 2019.03.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9262/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.323 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.337 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.478 W/kg
SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.189 W/kg
Maximum value of SAR (measured) = 0.335 W/kg



0 dB = 0.335 W/kg

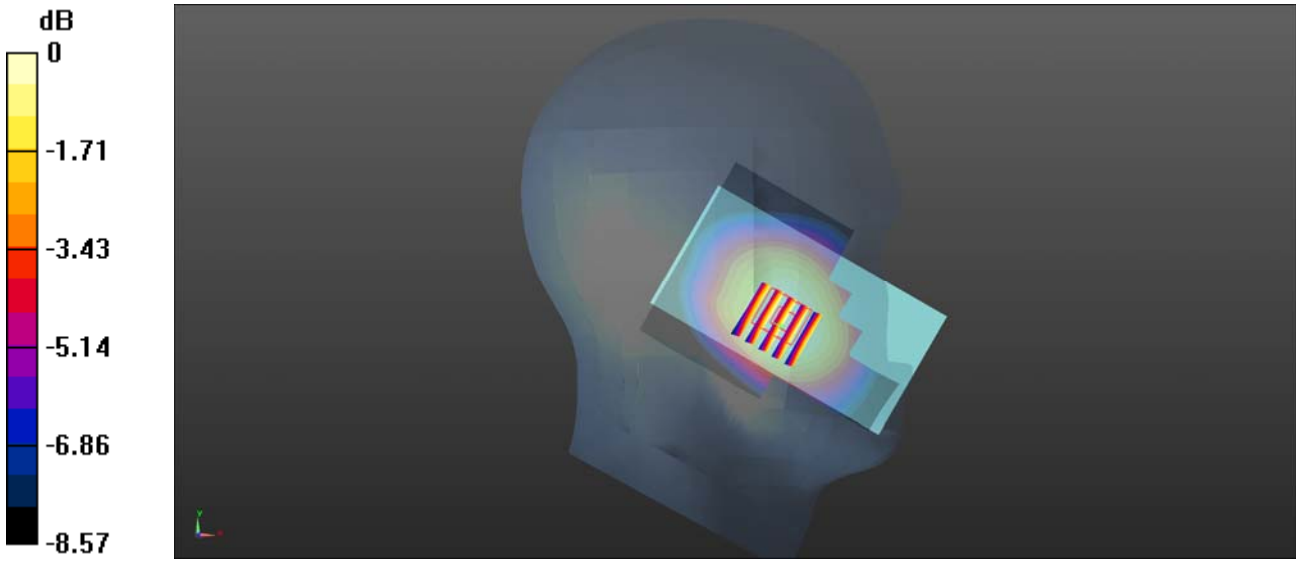
WCDMA Band V_RMC 12.2Kbps_Left Cheek_Ch4132

Communication System: UID 0, UMTS-FDD (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 826.4 MHz; σ = 0.895 S/m; ε_r = 41.189; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃； Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(8.57, 8.57, 8.57); Calibrated: 2019.03.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4132/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.595 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.883 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.652 W/kg
SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.414 W/kg
Maximum value of SAR (measured) = 0.561 W/kg



0 dB = 0.561 W/kg

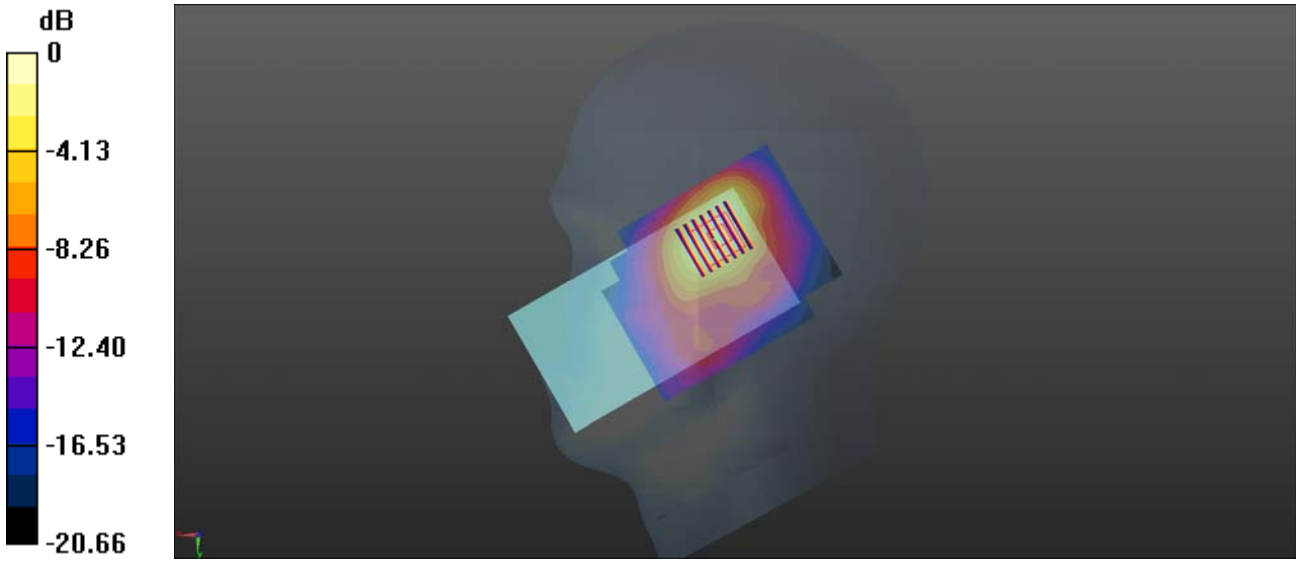
WLAN 2.4GHz_802.11b 1Mbps_Right Cheek_Ch13

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2472 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: f = 2472 MHz; σ = 1.86 S/m; ε_r = 40.685; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(6.63, 6.63, 6.63); Calibrated: 2019.03.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch13/Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.675 W/kg

Ch13/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.044 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.327 W/kg
Maximum value of SAR (measured) = 0.736 W/kg



0 dB = 0.736 W/kg

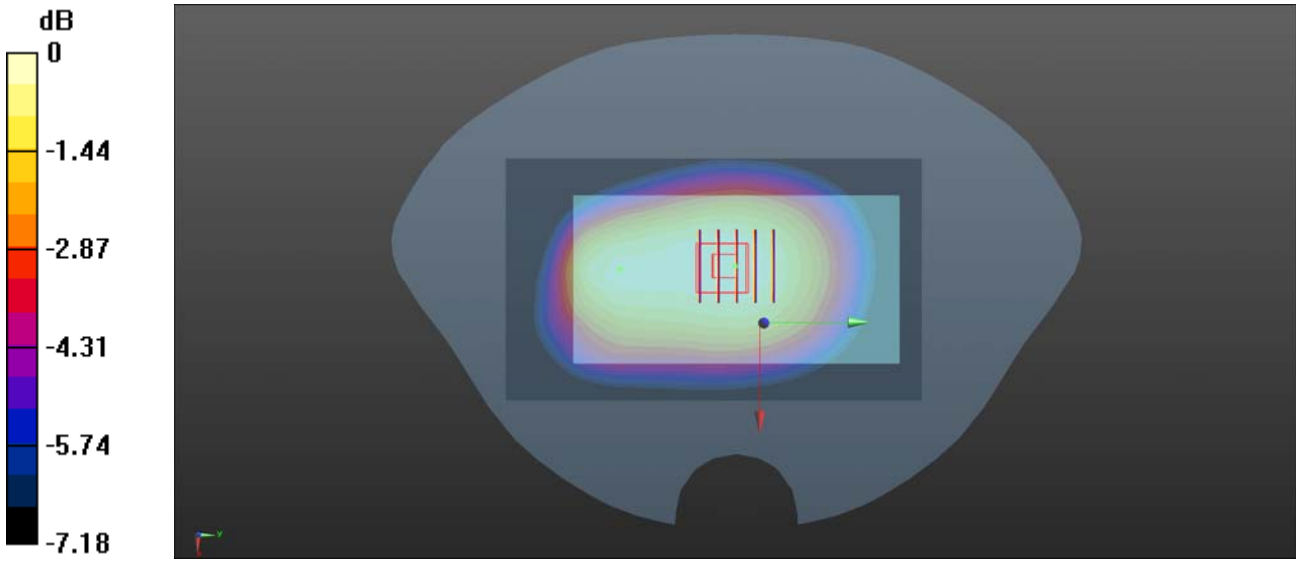
GSM850_GPRS(2 TX slots)_Front Side_10mm_Ch128

Communication System: UID 0, GSM850(class 10) (0); Frequency: 824.2 MHz;Duty Cycle: 1:4.15
Medium: HSL_835 Medium parameters used: f = 824.2 MHz; σ = 0.893 S/m; ε_r = 41.333; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(8.57, 8.57, 8.57); Calibrated: 2019.03.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch128/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.694 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.16 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.728 W/kg
SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.493 W/kg
Maximum value of SAR (measured) = 0.691 W/kg



0 dB = 0.691 W/kg

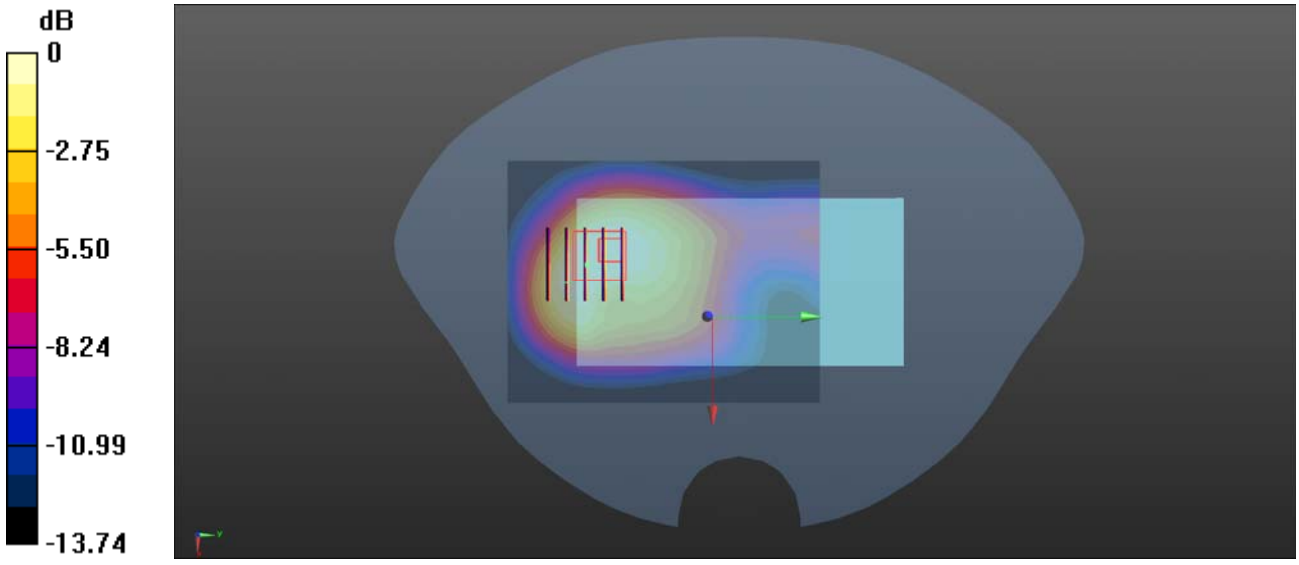
GSM1900_GPRS(4 TX slots)_Front Side_10mm_Ch512

Communication System: UID 0, PCS1900(class 12) (0); Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900 Medium parameters used: f = 1850.2 MHz; σ = 1.282 S/m; ε_r = 41.338; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(7.21, 7.21, 7.21); Calibrated: 2019.03.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch512/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.712 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.441 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.978 W/kg
SAR(1 g) = 0.604 W/kg; SAR(10 g) = 0.381 W/kg
Maximum value of SAR (measured) = 0.654 W/kg



0 dB = 0.654 W/kg

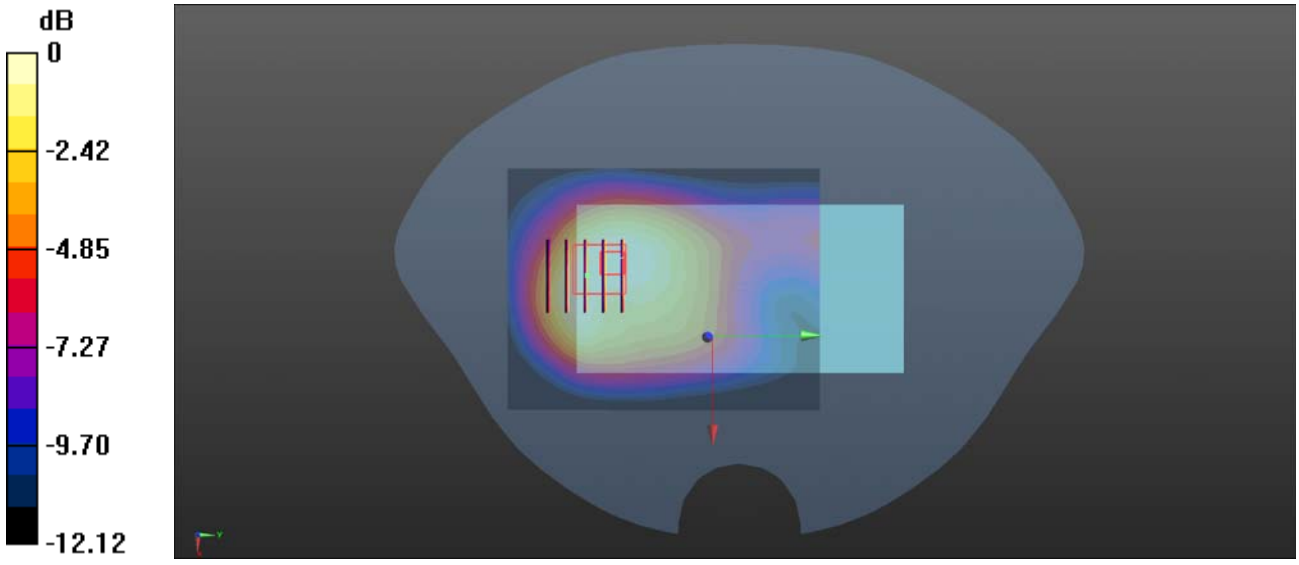
WCDMA Band II_RMC 12.2Kbps_Front Side_10mm_Ch9262

Communication System: UID 0, UMTS-FDD (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1852.4 MHz; σ = 1.286 S/m; ε_r = 41.321; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(7.21, 7.21, 7.21); Calibrated: 2019.03.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9262/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.676 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.44 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.942 W/kg
SAR(1 g) = 0.593 W/kg; SAR(10 g) = 0.368 W/kg
Maximum value of SAR (measured) = 0.634 W/kg



0 dB = 0.634 W/kg

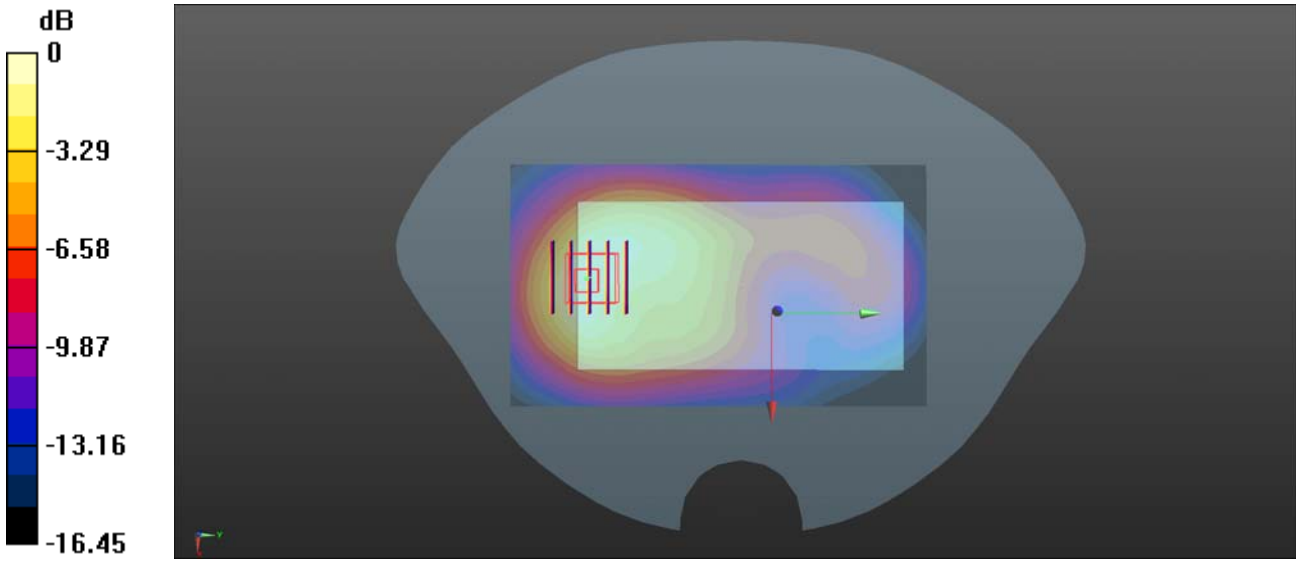
WCDMA Band V_RMC 12.2Kbps_Front Side_5mm_Ch4132

Communication System: UID 0, UMTS-FDD (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 826.4 MHz; σ = 0.895 S/m; ε_r = 41.189; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(8.57, 8.57, 8.57); Calibrated: 2019.03.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4132/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.525 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.79 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.829 W/kg
SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.264 W/kg
Maximum value of SAR (measured) = 0.512 W/kg



0 dB = 0.512 W/kg

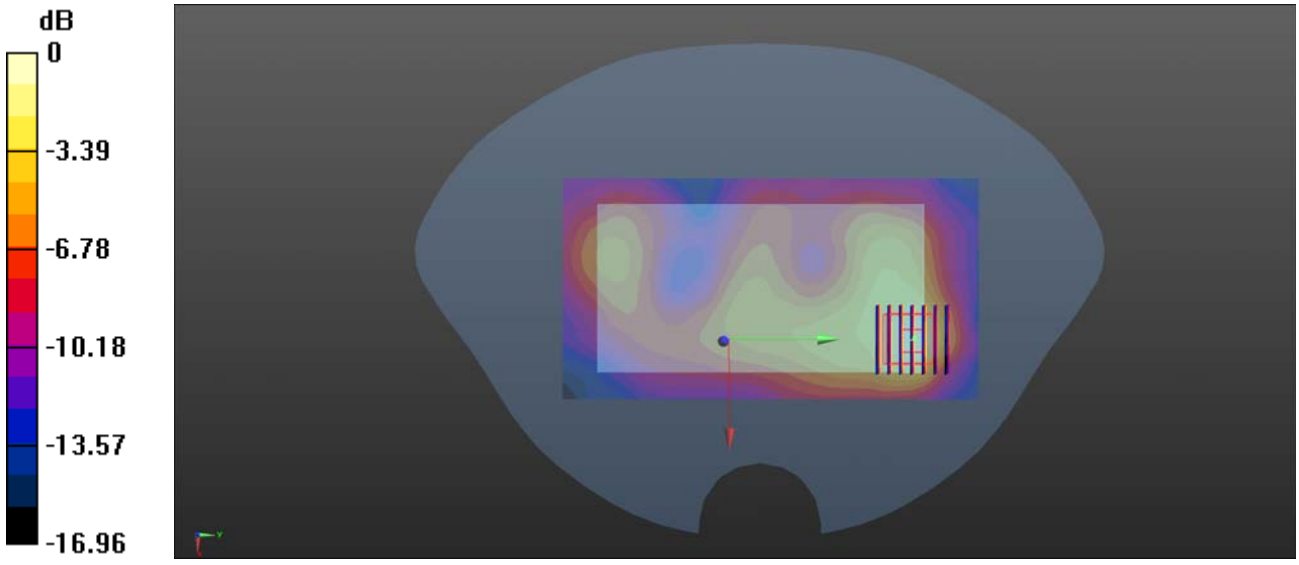
WLAN 2.4GHz_802.11b 1Mbps_Back Side_10mm_Ch13

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2472 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: f = 2472 MHz; σ = 1.86 S/m; ε_r = 40.685; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(6.63, 6.63, 6.63); Calibrated: 2019.03.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch13/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.268 W/kg

Ch13/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.476 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.553 W/kg
SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.106 W/kg
Maximum value of SAR (measured) = 0.256 W/kg



0 dB = 0.256 W/kg

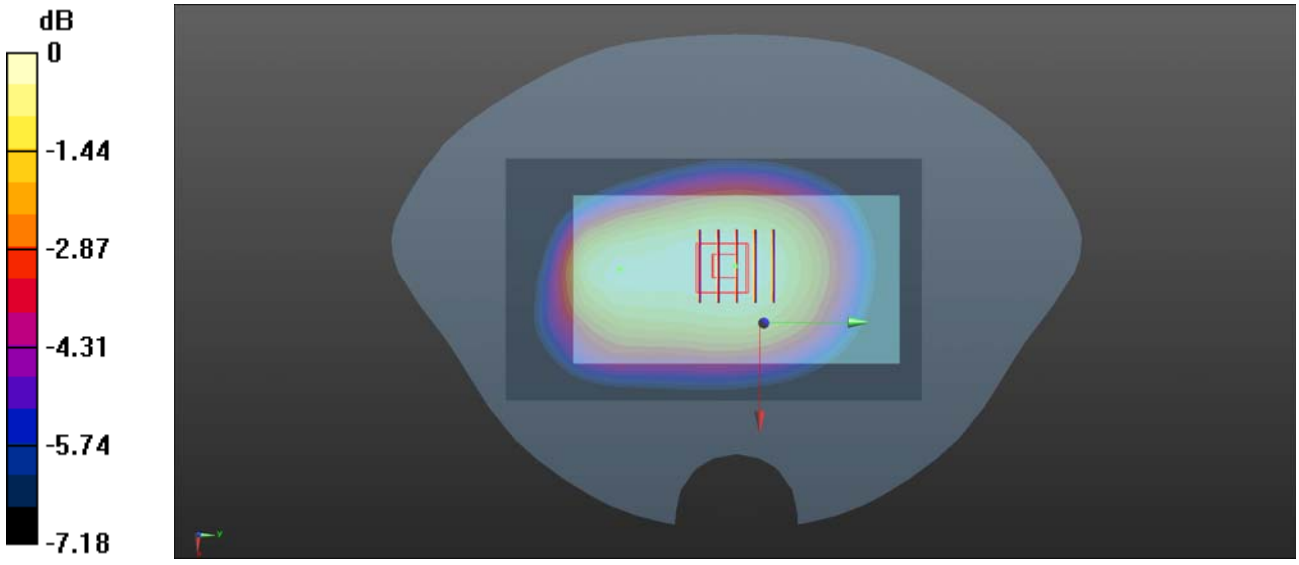
GSM850_GPRS(2 TX slots)_Front Side_10mm_Ch128

Communication System: UID 0, GSM850(class 10) (0); Frequency: 824.2 MHz;Duty Cycle: 1:4.15
Medium: HSL_835 Medium parameters used: f = 824.2 MHz; σ = 0.893 S/m; ε_r = 41.333; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(8.57, 8.57, 8.57); Calibrated: 2019.03.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch128/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.694 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.16 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.728 W/kg
SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.493 W/kg
Maximum value of SAR (measured) = 0.691 W/kg



0 dB = 0.691 W/kg

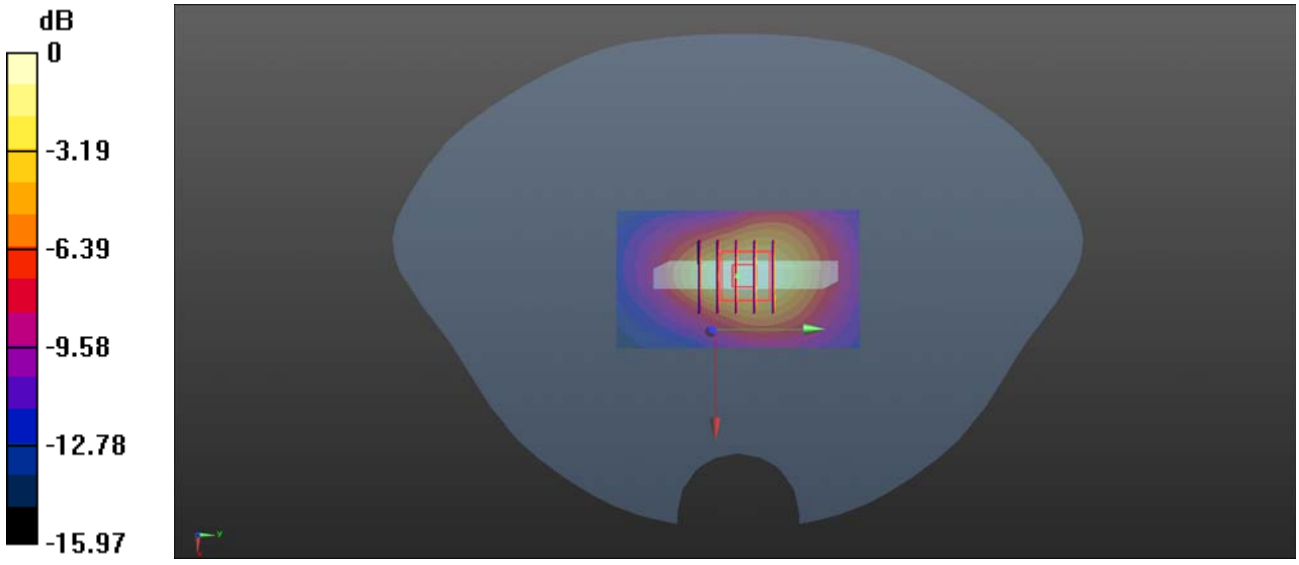
GSM1900_GPRS(4 TX slots)_Bottom Side_10mm_Ch512

Communication System: UID 0, PCS1900(class 12) (0); Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900 Medium parameters used: f = 1850.2 MHz; σ = 1.282 S/m; ε_r = 41.338; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(7.21, 7.21, 7.21); Calibrated: 2019.03.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch512/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.697 W/kg

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.39 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.339 W/kg
Maximum value of SAR (measured) = 0.687 W/kg



0 dB = 0.687 W/kg

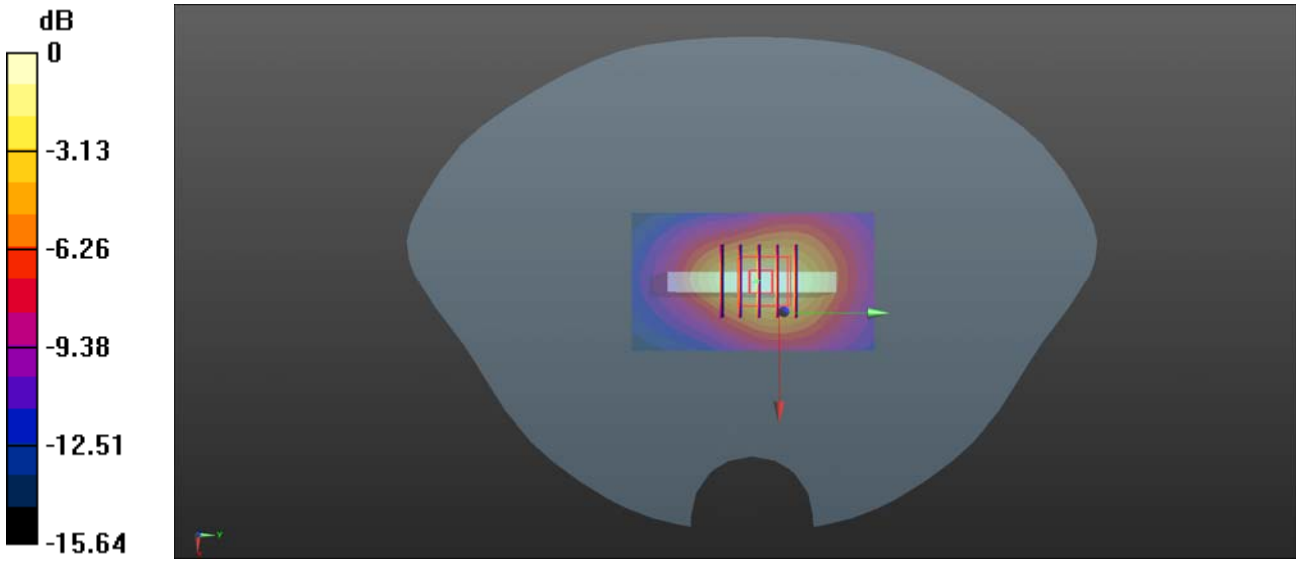
WCDMA Band II_RMC 12.2Kbps_Bottom Side_10mm_Ch9262

Communication System: UID 0, UMTS-FDD (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1852.4 MHz; σ = 1.286 S/m; ε_r = 41.321; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(7.21, 7.21, 7.21); Calibrated: 2019.03.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9262/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.681 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.95 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.605 W/kg; SAR(10 g) = 0.334 W/kg
Maximum value of SAR (measured) = 0.680 W/kg



0 dB = 0.680 W/kg

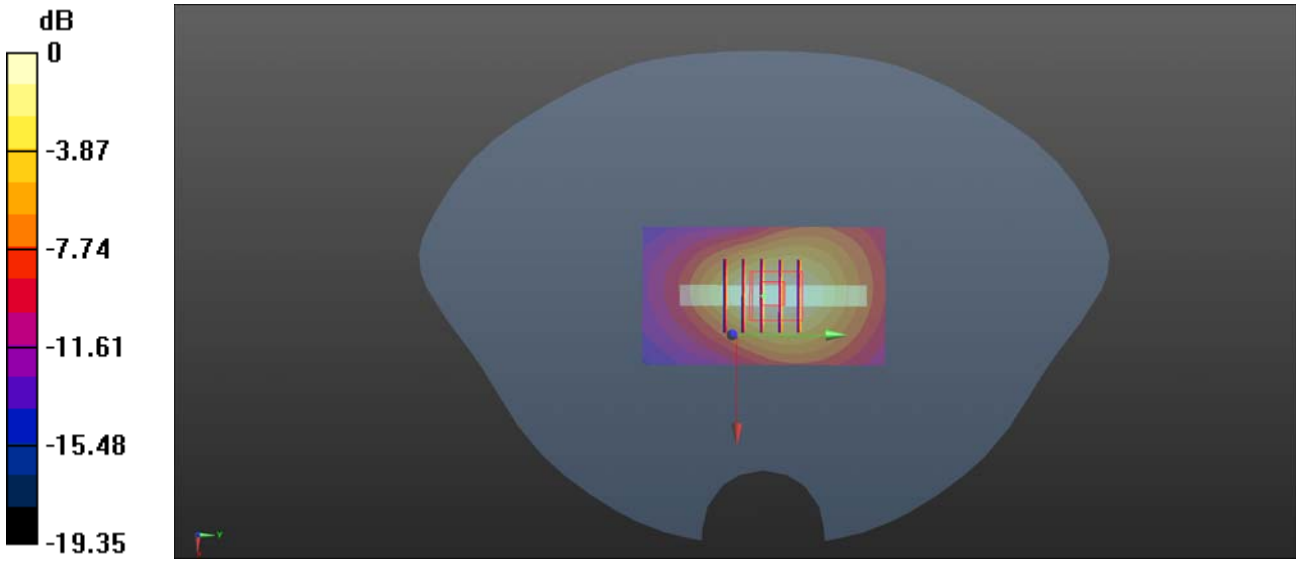
WCDMA Band V_RMC 12.2Kbps_Bottom Side_5mm_Ch4132

Communication System: UID 0, UMTS-FDD (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 826.4 MHz; σ = 0.895 S/m; ε_r = 41.189; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(8.57, 8.57, 8.57); Calibrated: 2019.03.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4132/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.540 W/kg

Ch4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.61 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.884 W/kg
SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.256 W/kg
Maximum value of SAR (measured) = 0.531 W/kg



0 dB = 0.531 W/kg

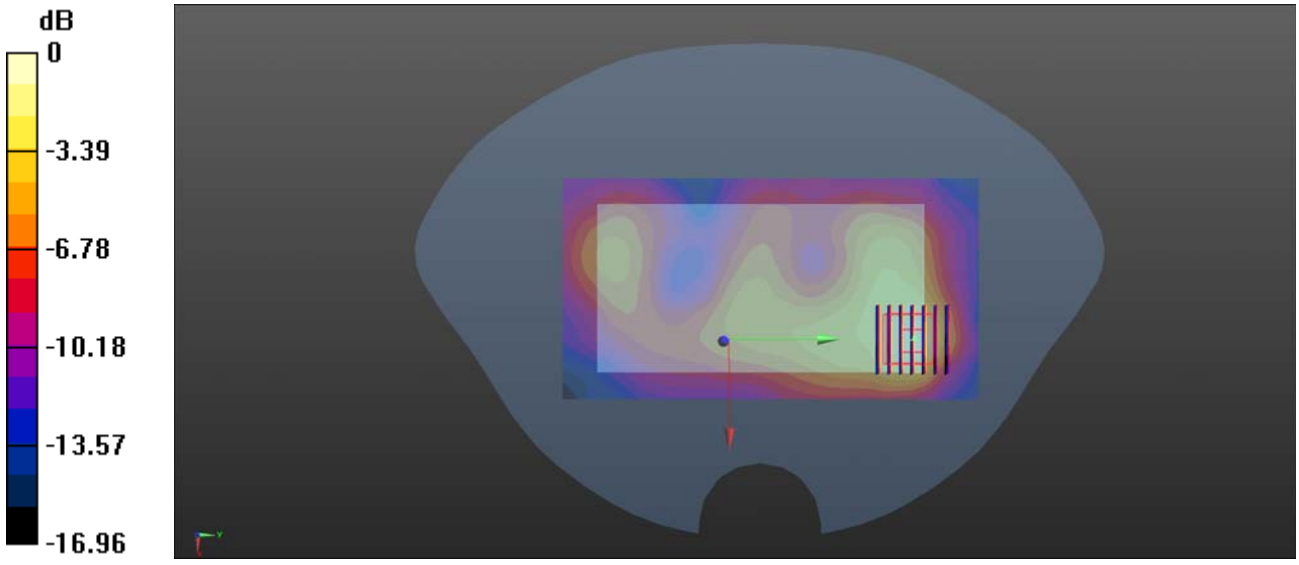
WLAN 2.4GHz_802.11b 1Mbps_Back Side_10mm_Ch13

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2472 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: f = 2472 MHz; σ = 1.86 S/m; ε_r = 40.685; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(6.63, 6.63, 6.63); Calibrated: 2019.03.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch13/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.268 W/kg

Ch13/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.476 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.553 W/kg
SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.106 W/kg
Maximum value of SAR (measured) = 0.256 W/kg



0 dB = 0.256 W/kg