Annex D Plots of Maximum SAR Test Results

GSM850_GPRS(3 TX slots)_Left Cheek_Ch251

Communication System: UID 0, GSM850(class 11) (0); Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium: HSL_835_181024 Medium parameters used: f = 849 MHz; σ = 0.935 S/m; ε_r = 42.132; ρ =
1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- 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 (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
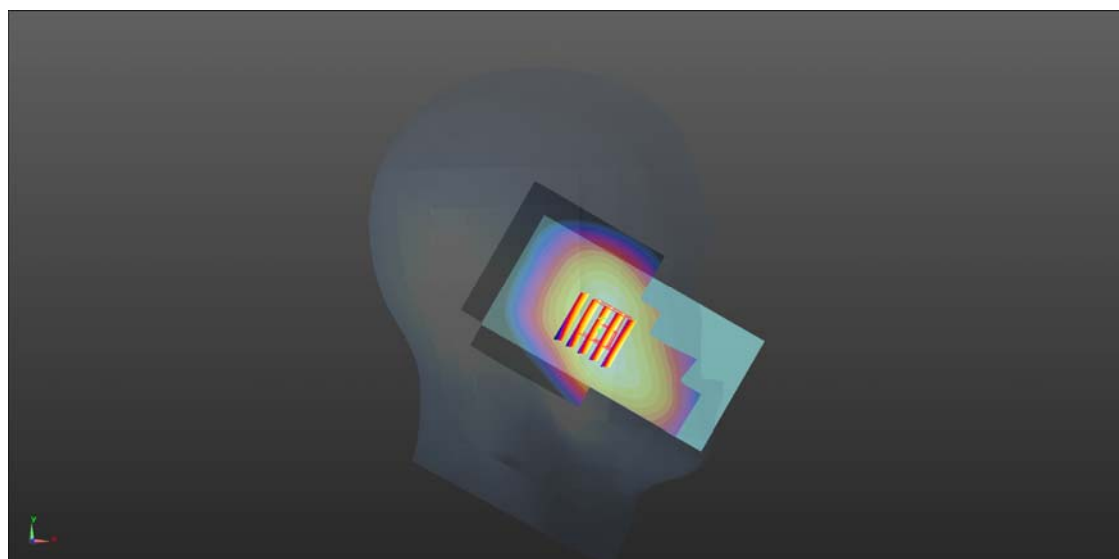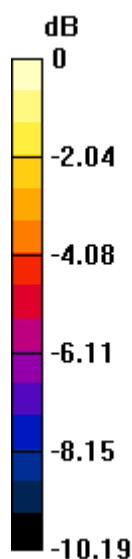Maximum value of SAR (interpolated) = 0.157 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.767 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.189 W/kg
SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.117 W/kg
Maximum value of SAR (measured) = 0.158 W/kg

0 dB = 0.157 W/kg

GSM1900_GPRS(3 TX slots)_Left Cheek_Ch810

Communication System: UID 0, PCS1900(class 11) (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: HSL_1900_181117 Medium parameters used: f = 1910 MHz; σ = 1.471 S/m; ε_r = 40.859; ρ

= 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.89, 7.89, 7.89); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch810/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
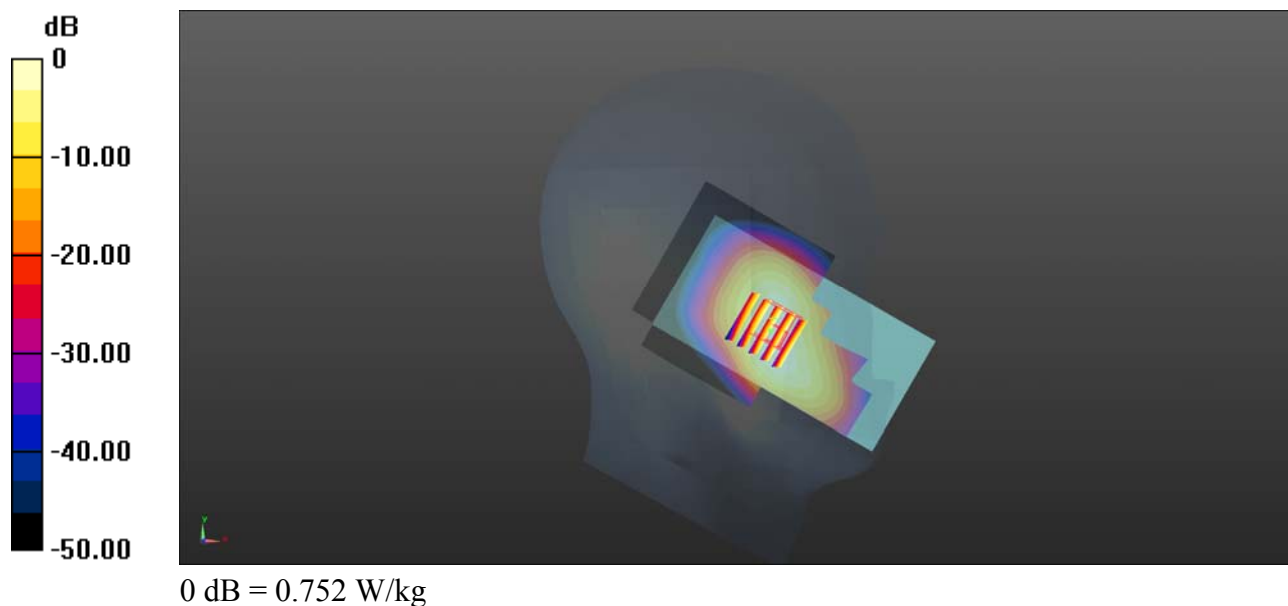Maximum value of SAR (interpolated) = 0.752 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.904 V/m; Power Drift = 0.92 dB
Peak SAR (extrapolated) = 0.649 W/kg
SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.234 W/kg
Maximum value of SAR (measured) = 0.430 W/kg

0 dB = 0.752 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_181117 Medium parameters used: f = 1852.4 MHz; σ = 1.41 S/m; ε_r = 41.067; ρ

= 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.89, 7.89, 7.89); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- 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 (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
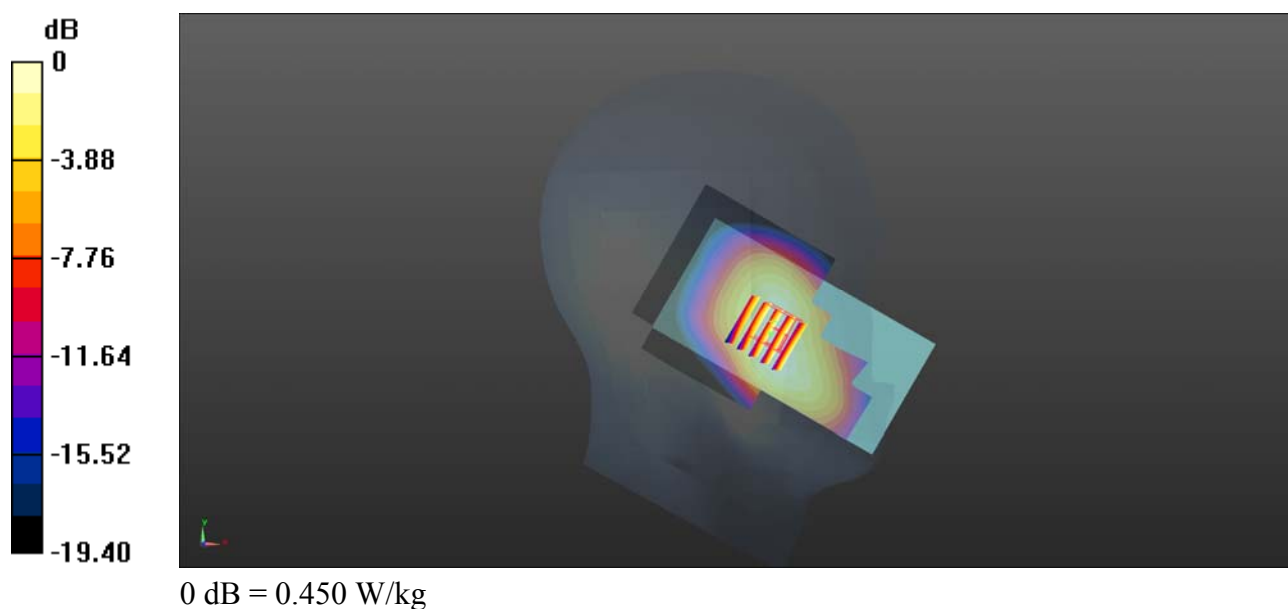Maximum value of SAR (interpolated) = 0.450 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.030 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.600 W/kg
SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.263 W/kg
Maximum value of SAR (measured) = 0.442 W/kg

0 dB = 0.450 W/kg

WCDMA Band V_RMC 12.2Kbps_Left Cheek_Ch4233

Communication System: UID 0, UMTS-FDD (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_835_181024 Medium parameters used: f = 847 MHz; σ = 0.933 S/m; $ε_r$ = 42.152; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
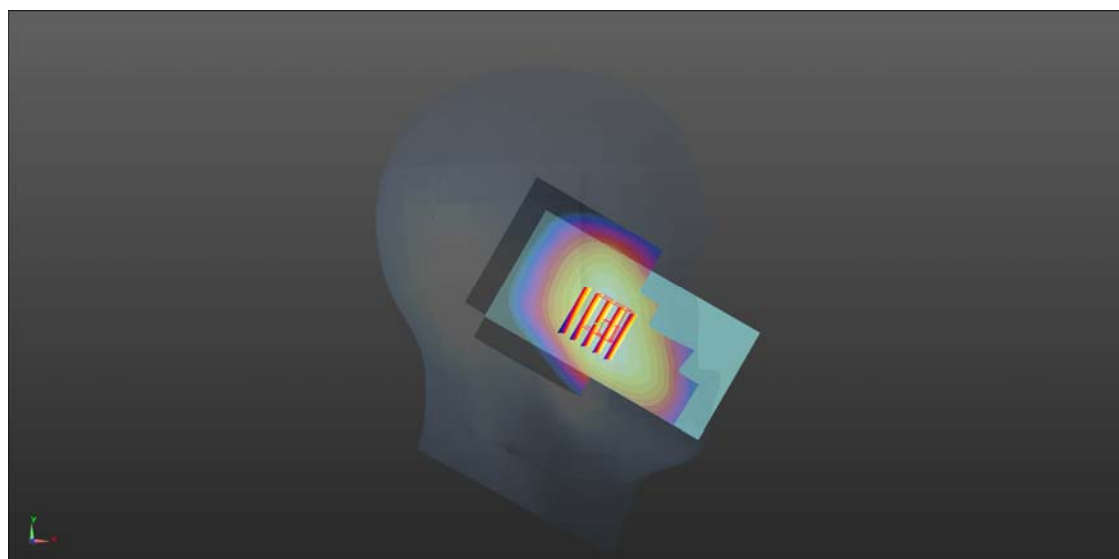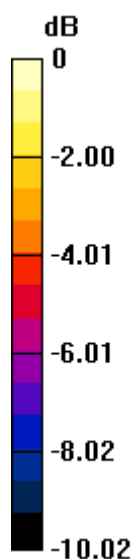Maximum value of SAR (interpolated) = 0.194 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.108 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.233 W/kg
SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.143 W/kg
Maximum value of SAR (measured) = 0.192 W/kg

0 dB = 0.194 W/kg

LTE Band 2_20MHz_QPSK_1RB_0Offset_Left Cheek_Ch18700

Communication System: UID 0, LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: HSL_1900_181117 Medium parameters used: f = 1860 MHz; σ = 1.417 S/m; ε_r = 41.041; ρ

= 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.89, 7.89, 7.89); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18700/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
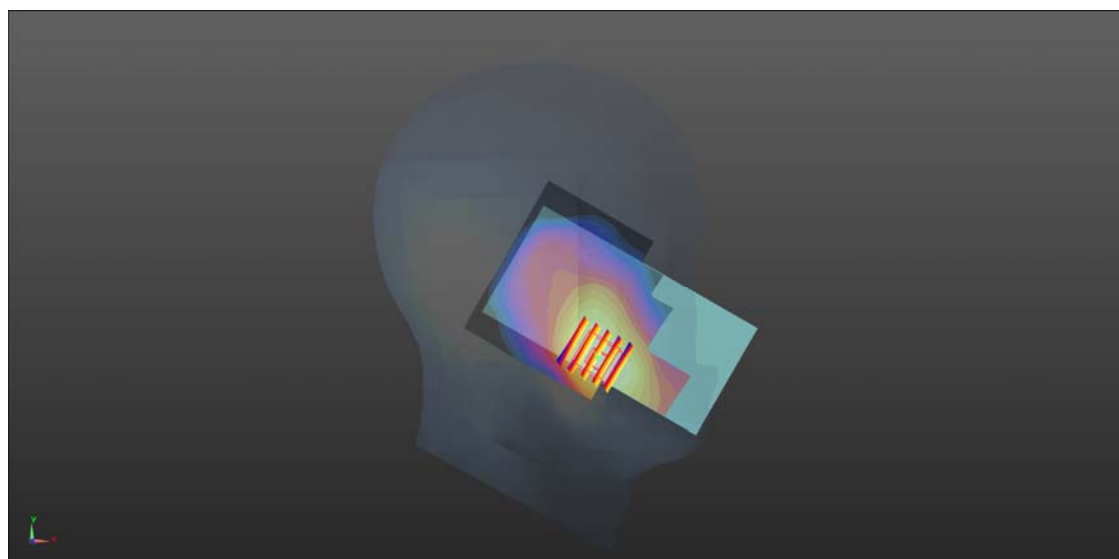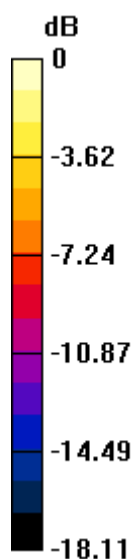Maximum value of SAR (interpolated) = 0.310 W/kg

Ch18700/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.004 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.435 W/kg
SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.183 W/kg
Maximum value of SAR (measured) = 0.315 W/kg

0 dB = 0.310 W/kg

LTE Band 4_20MHz_QPSK_1RB_0Offset_Left Cheek_Ch20300

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: HSL_1800_181025 Medium parameters used: f = 1745 MHz; σ = 1.407 S/m; ε_r = 39.406; ρ
= 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(8.29, 8.29, 8.29); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20300/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
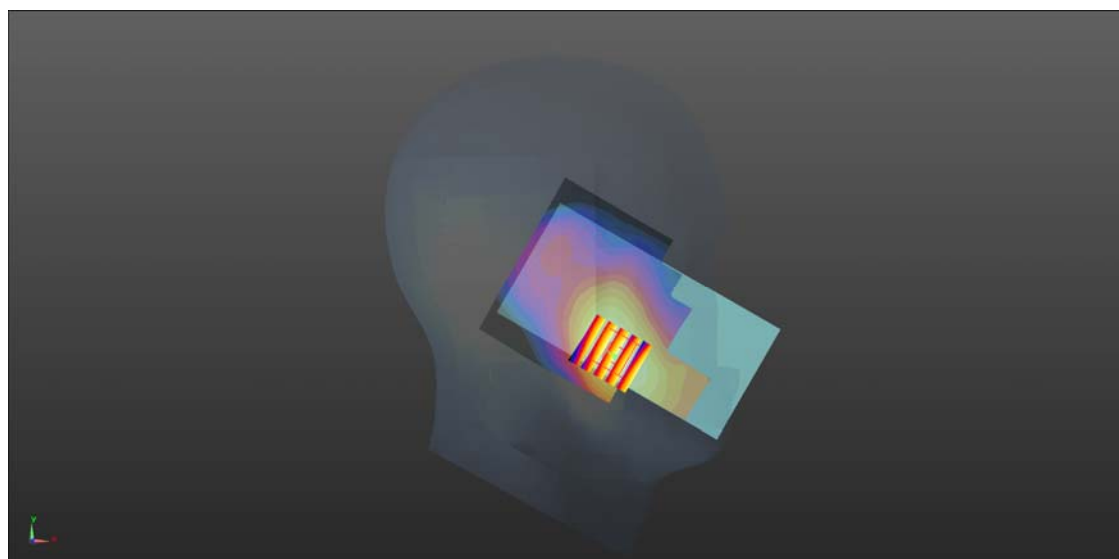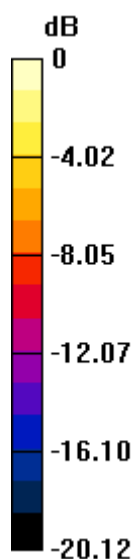Maximum value of SAR (interpolated) = 0.529 W/kg

Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.615 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.689 W/kg
SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.294 W/kg
Maximum value of SAR (measured) = 0.502 W/kg

0 dB = 0.529 W/kg

LTE Band 5_10MHz_QPSK_25RB_0Offset_Left Cheek_Ch20600

Communication System: UID 0, LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium: HSL_835_181024 Medium parameters used: f = 844 MHz; σ = 0.931 S/m; ε_r = 42.184; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.66, 9.66, 9.66); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20600/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
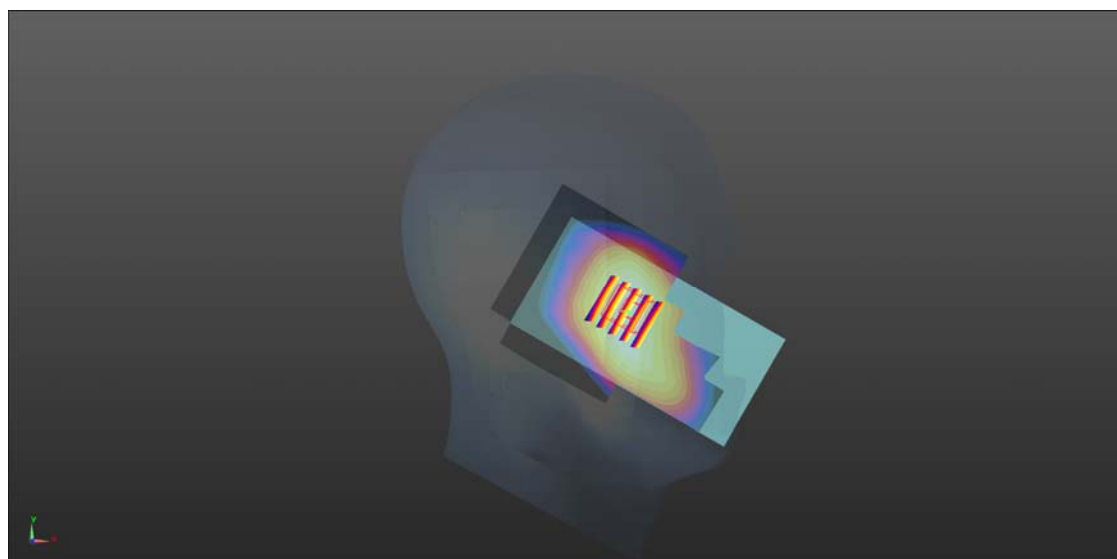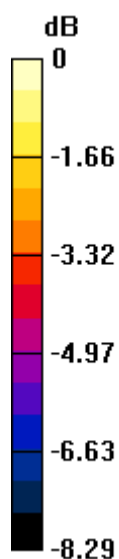Maximum value of SAR (interpolated) = 0.0718 W/kg

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.639 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.0810 W/kg
SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.055 W/kg
Maximum value of SAR (measured) = 0.0719 W/kg

0 dB = 0.0718 W/kg

LTE Band 7_20MHz_QPSK_1RB_0Offset_Left Cheek_Ch20850

Communication System: UID 0, LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1
Medium: HSL_2600_181023 Medium parameters used: f = 2510 MHz; σ = 1.87 S/m; $ε_r$ = 40.076; ρ

= 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.4, 7.4, 7.4); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20850/Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
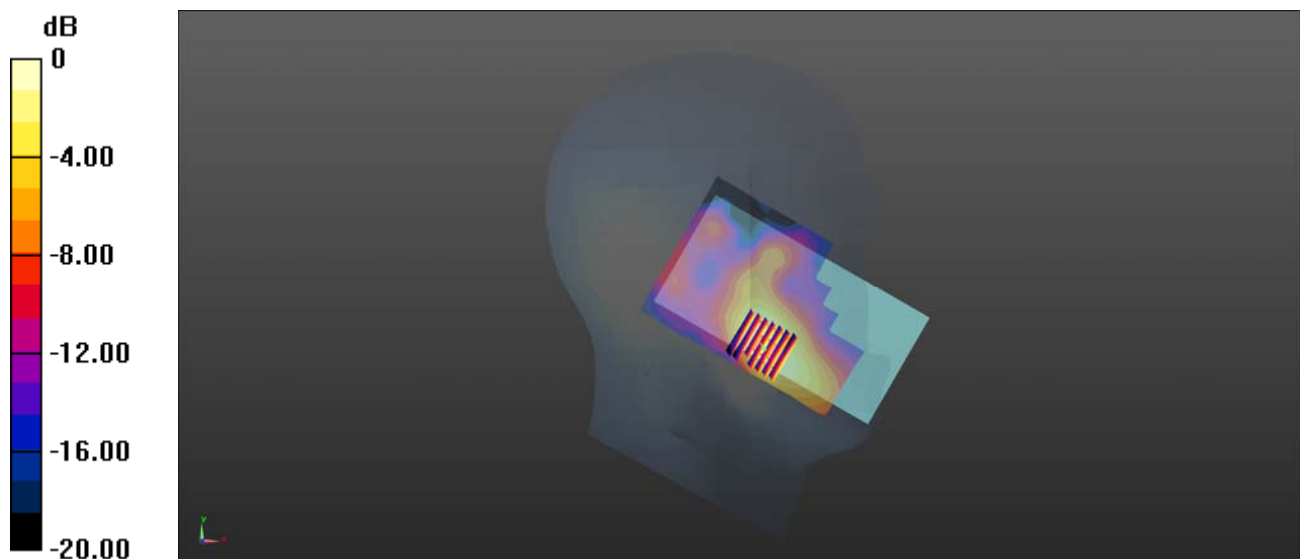Maximum value of SAR (interpolated) = 0.319 W/kg

Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.801 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.519 W/kg
SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 0.308 W/kg

0 dB = 0.319 W/kg

WLAN 2.4GHz_802.11b 1Mbps_Left Cheek_Ch6

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: HSL_2450_181220 Medium parameters used: f = 2412 MHz; σ = 1.807 S/m; $ε_r$ = 38.111; ρ

= 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.34, 7.34, 7.34); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (81x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
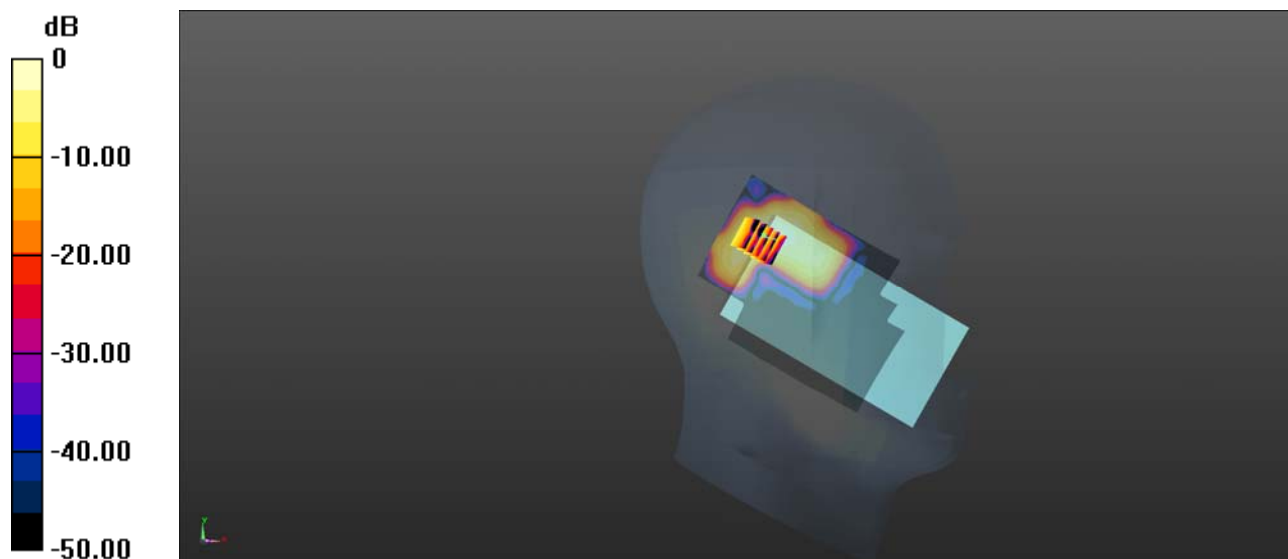Maximum value of SAR (interpolated) = 0.114 W/kg

Ch6/Zoom Scan (5x5x6)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.314 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.178 W/kg
SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.043 W/kg
Maximum value of SAR (measured) = 0.0964 W/kg

0 dB = 0.114 W/kg

WLAN 5GHz Band 1_802.11a 6Mbps_Left Cheek_Ch36

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: HSL_5200_181220 Medium parameters used: f = 5180 MHz; σ = 4.675 S/m; ε_r = 37.102; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(5.28, 5.28, 5.28); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch36/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.102 W/kg

Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.666 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0760 W/kg
SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.010 W/kg
Maximum value of SAR (measured) = 0.0388 W/kg

0 dB = 0.102 W/kg

WLAN 5GHz Band 2_802.11a 6Mbps_Left Cheek_Ch52

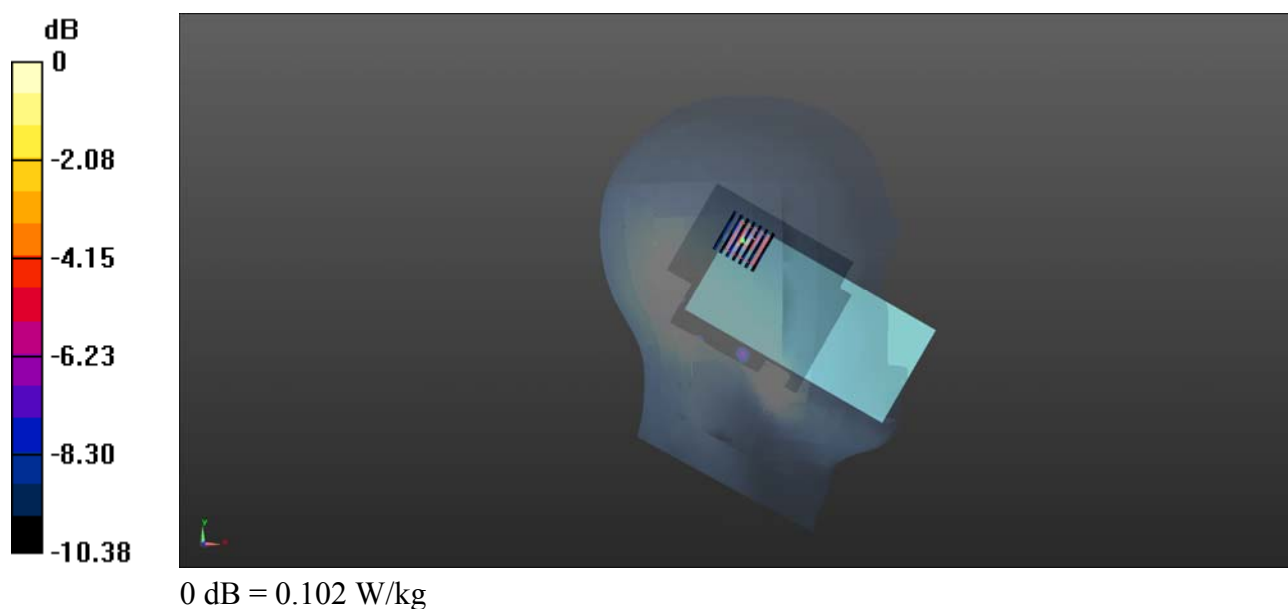Communication System: UID 0, WLAN 5GHz (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: HSL_5250_181220 Medium parameters used: f = 5260 MHz; σ = 4.773 S/m; ε_r = 36.905; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.73, 4.73, 7.73); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0273 W/kg

Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.149 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.00764 W/kg
Maximum value of SAR (measured) = 0.0261 W/kg
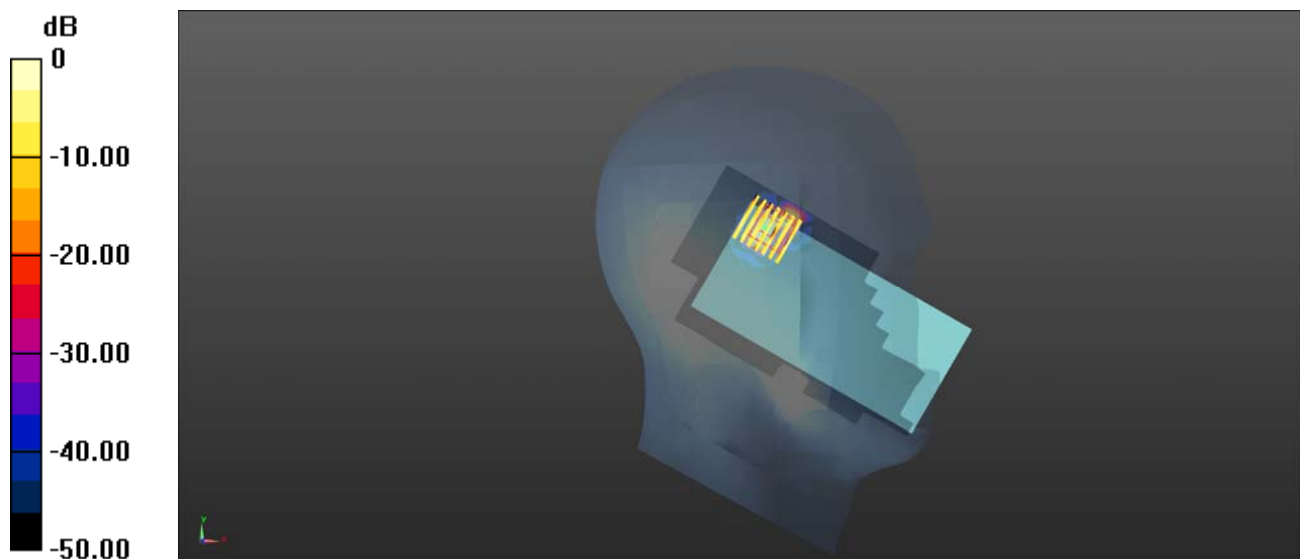
0 dB = 0.0273 W/kg

WLAN 5GHz Band 3_802.11n-HT20MCS0_Left Cheek_Ch100

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: HSL_5600_181220 Medium parameters used: f = 5500 MHz; σ = 5.075 S/m; $ε_r$ = 36.416; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(4.5, 4.5, 4.5); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch100/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
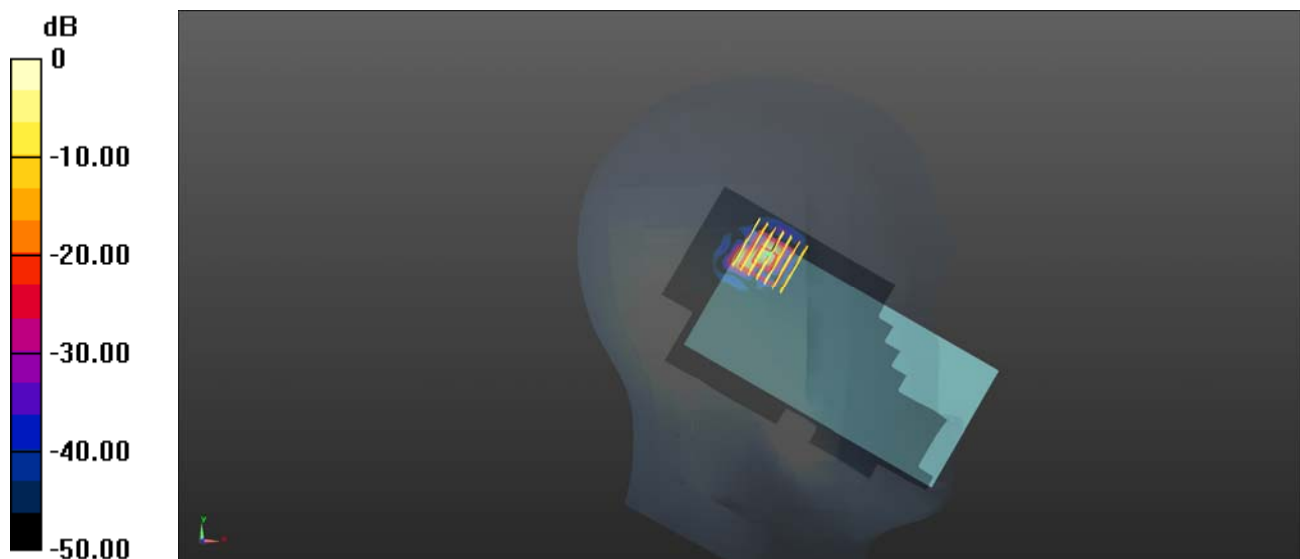Maximum value of SAR (interpolated) = 0.0359 W/kg

Ch100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.147 W/kg
SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.00542 W/kg
Maximum value of SAR (measured) = 0.0248 W/kg

0 dB = 0.0359 W/kg

WLAN 5GHz Band 4_802.11a 6Mbps_Left Tilt_Ch149

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: HSL_5750_181220 Medium parameters used: f = 5745 MHz; σ = 5.369 S/m; ε_r = 35.904; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(3.98, 3.98, 3.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch149/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
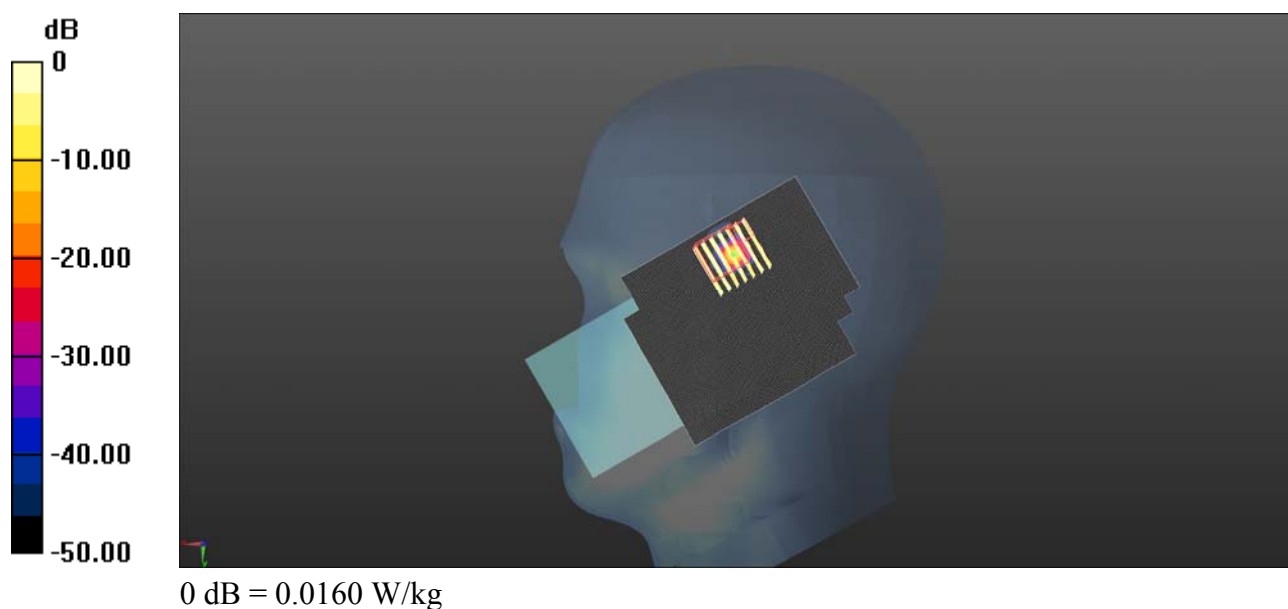Maximum value of SAR (interpolated) = 0.00241 W/kg

Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.6960 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.0220 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00823 W/kg
Maximum value of SAR (measured) = 0.0160 W/kg

0 dB = 0.0160 W/kg

GSM850_GPRS(3 TX slots)_Front Side_10mm_Ch251

Communication System: UID 0, GSM850(class 11) (0); Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_181024 Medium parameters used: f = 849 MHz; σ = 0.945 S/m; ε_r = 53.946; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.69, 9.69, 9.69); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch251/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
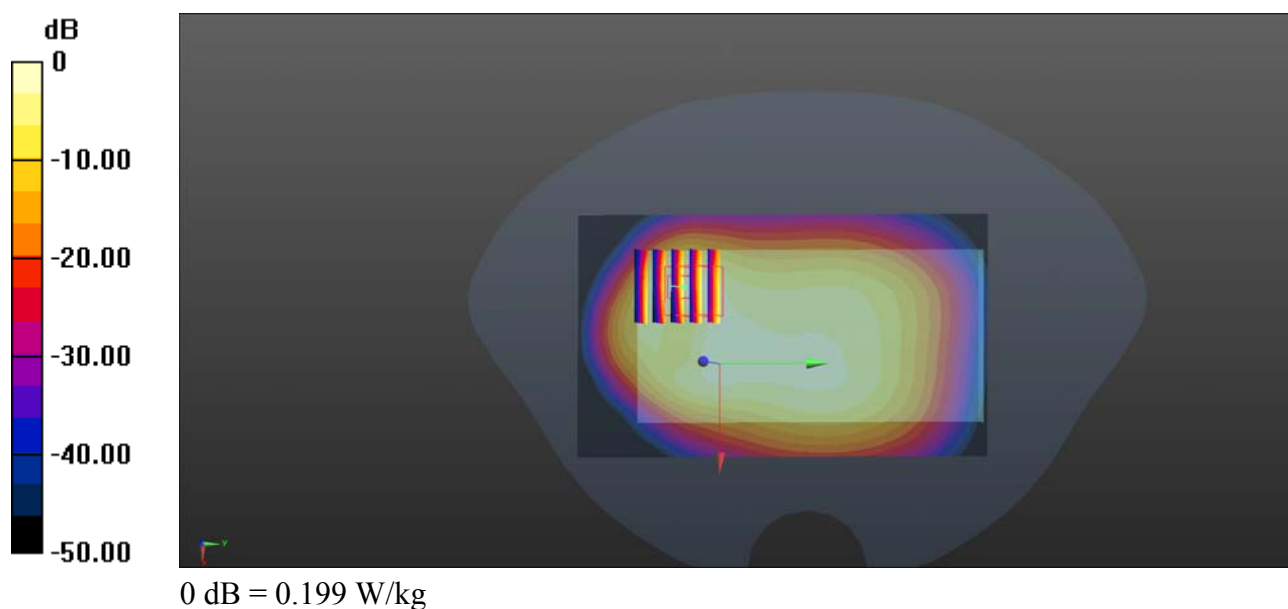Maximum value of SAR (interpolated) = 0.199 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.60 V/m; Power Drift = 0.02
Peak SAR (extrapolated) = 0.231 W/kg
SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.125 W/kg
Maximum value of SAR (measured) = 0.139 W/kg

0 dB = 0.199 W/kg

GSM1900_GPRS(3 TX slots)_Front Side_10mm_Ch810

Communication System: UID 0, PCS1900(class 11) (0); Frequency: 1909.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_181024 Medium parameters used: f = 1910 MHz; σ = 1.543 S/m; ε_r = 52.372; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.56, 7.56, 7.56); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch810/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
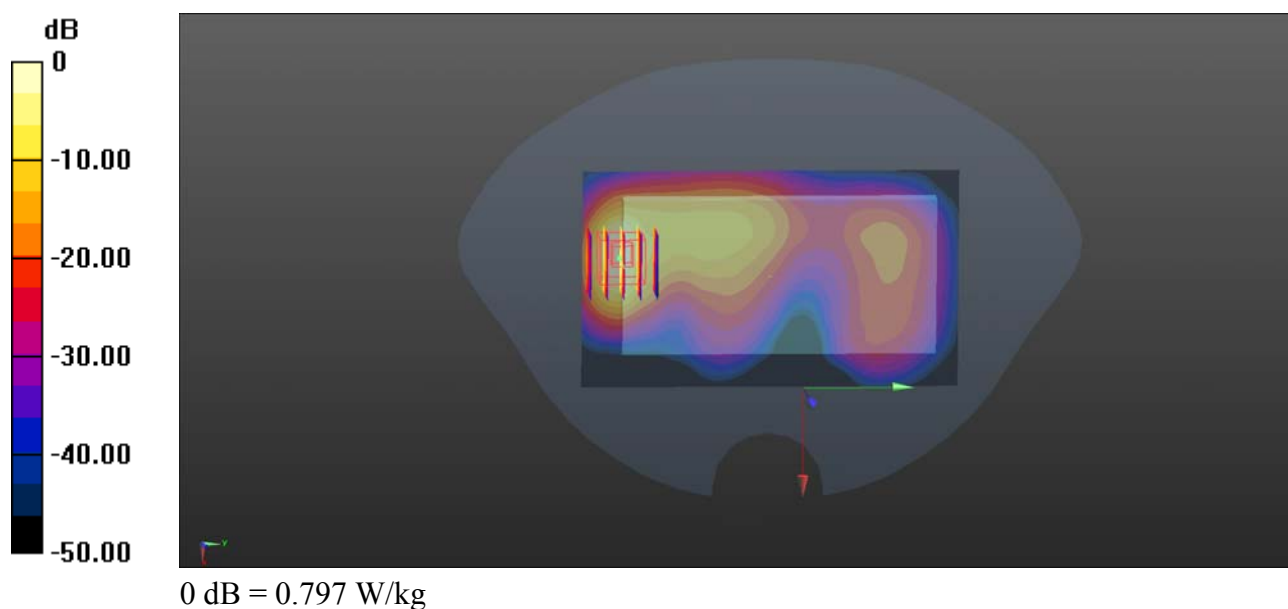Maximum value of SAR (interpolated) = 0.797 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.640 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.985 W/kg
SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.222 W/kg
Maximum value of SAR (measured) = 0.801 W/kg

0 dB = 0.797 W/kg
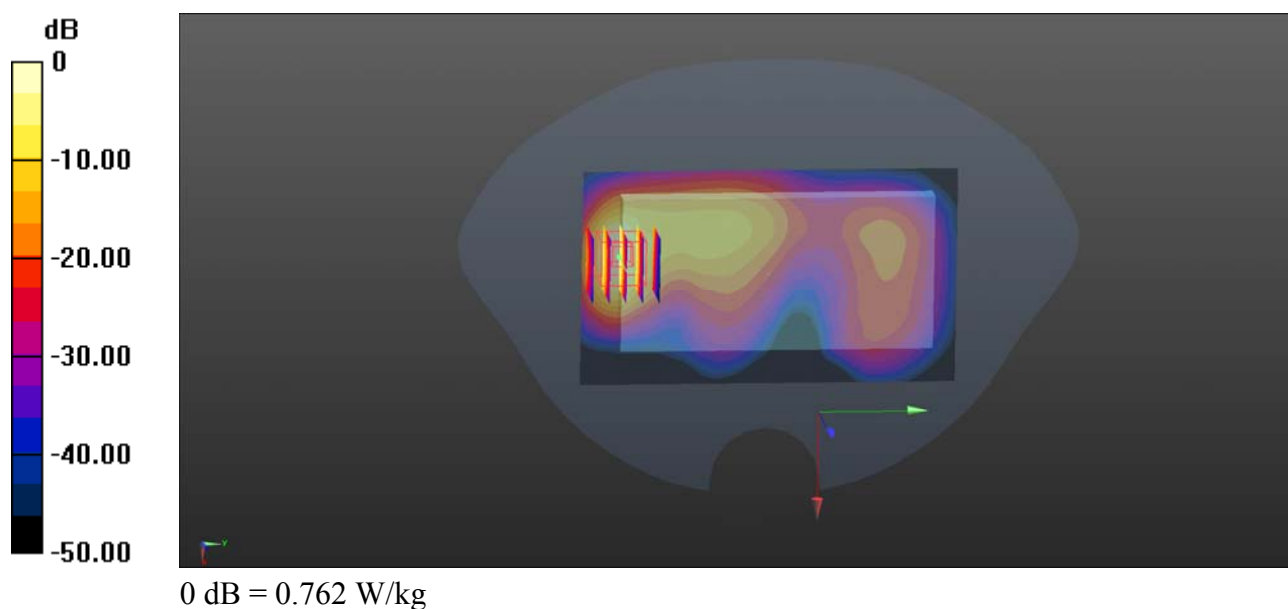
WCDMA Band II_RMC 12.2Kbps_Front Side_10mm_Ch9262

Communication System: UID 0, UMTS-FDD (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_181024 Medium parameters used: f = 1852.4 MHz; σ = 1.478 S/m; ε_r = 52.57;

ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.56, 7.56, 7.56); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9262/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.762 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.425 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.326 W/kg
Maximum value of SAR (measured) = 0.763 W/kg

0 dB = 0.762 W/kg

WCDMA Band V_RMC 12.2Kbps_Front Side_10mm_Ch4233

Communication System: UID 0, UMTS-FDD (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_181024 Medium parameters used: f = 847 MHz; σ = 0.945 S/m; ε_r = 54.02; ρ =
1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.69, 9.69, 9.69); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
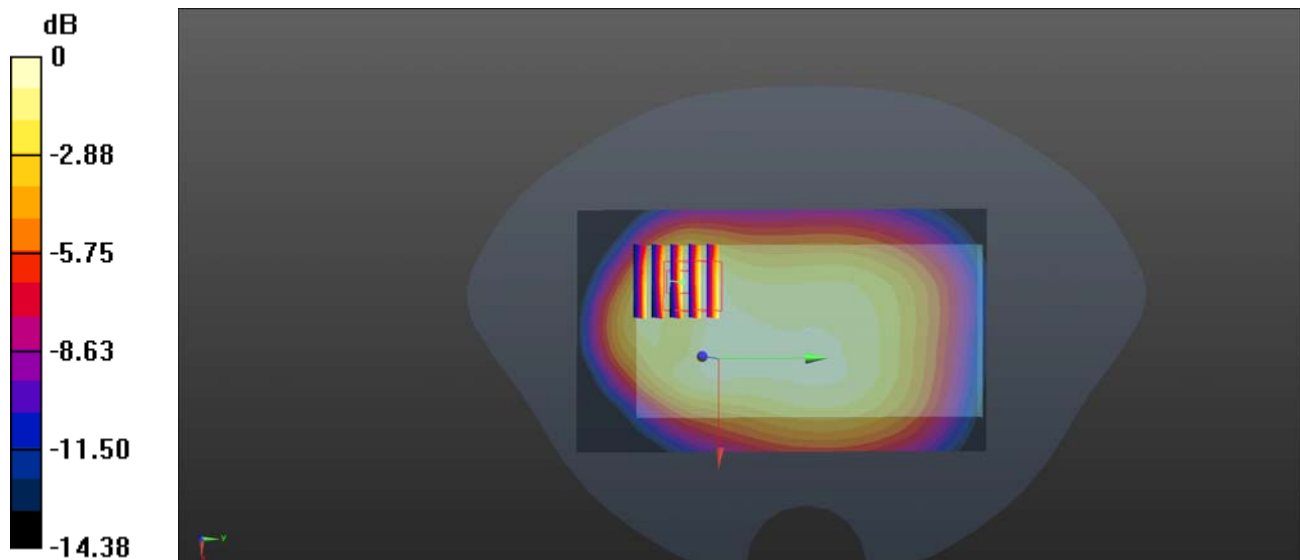Maximum value of SAR (interpolated) = 0.308 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.28 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.477 W/kg
SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.165 W/kg
Maximum value of SAR (measured) = 0.302 W/kg

0 dB = 0.308 W/kg

LTE Band 2_20MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch18700

Communication System: UID 0, LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: MSL_1900_181024 Medium parameters used: f = 1860 MHz; σ = 1.486 S/m; $ε_r$ = 52.541; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.56, 7.56, 7.56); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18700/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
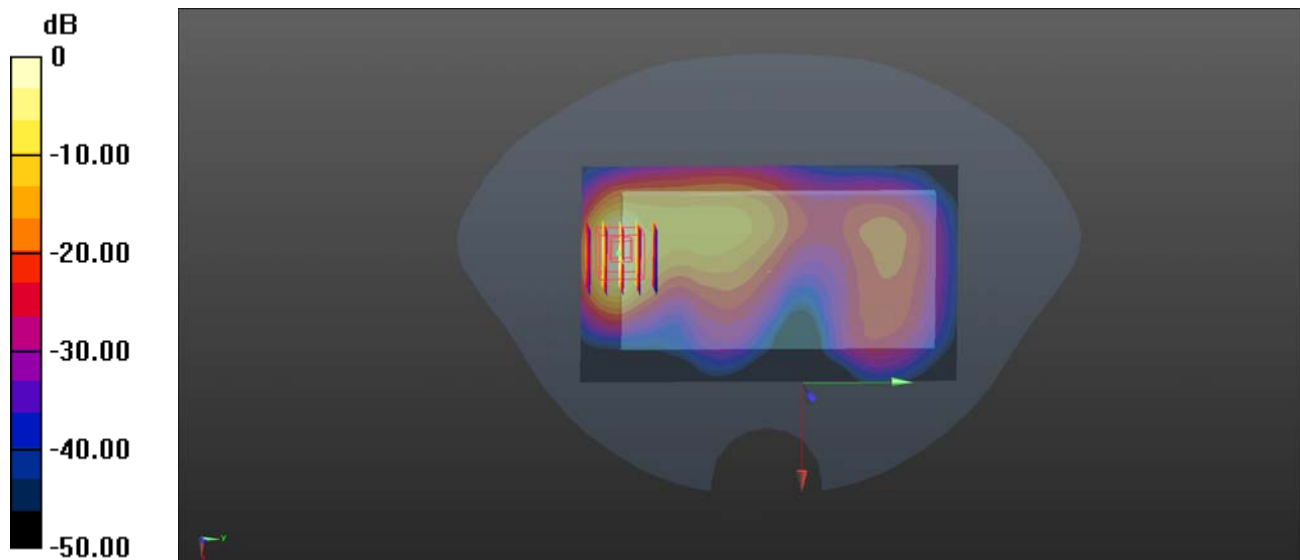Maximum value of SAR (interpolated) = 0.624 W/kg

Ch18700/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.119 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.268 W/kg
Maximum value of SAR (measured) = 0.640 W/kg

0 dB = 0.624 W/kg

LTE Band 4_20MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch20300

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: MSL_1800_181023 Medium parameters used: f = 1745 MHz; σ = 1.483 S/m; ε_r = 54.095; ρ

= 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.93, 7.93, 7.93); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20300/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
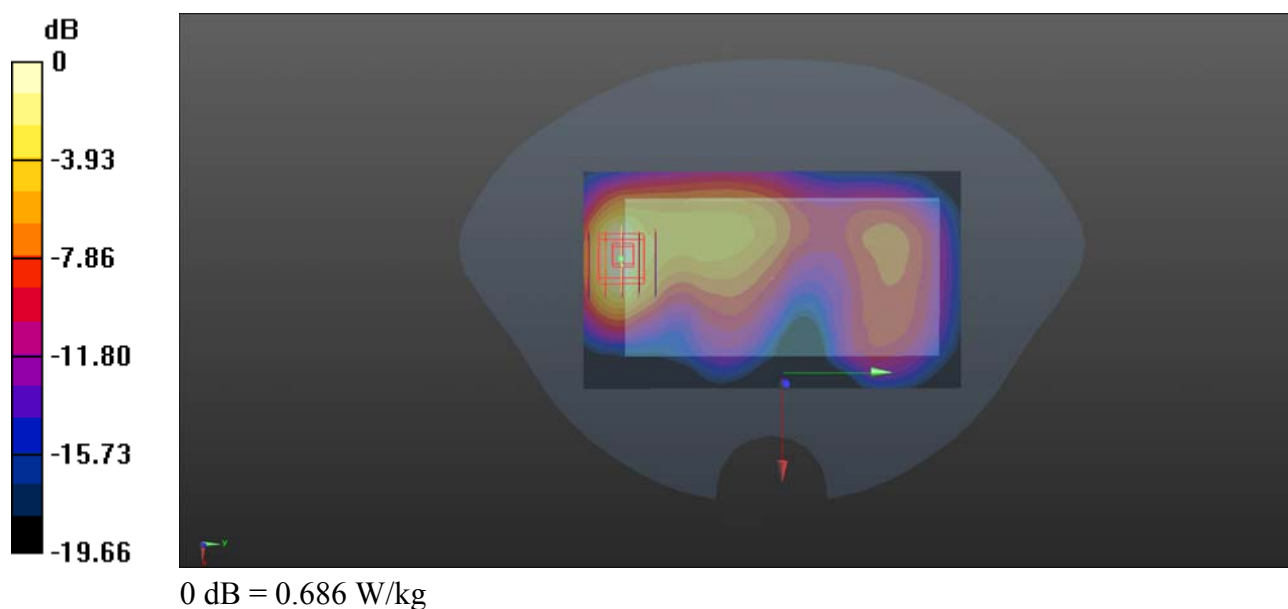Maximum value of SAR (interpolated) = 0.686 W/kg

Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.419 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.345 W/kg
Maximum value of SAR (measured) = 0.732 W/kg

0 dB = 0.686 W/kg

LTE Band 5_10MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch20600

Communication System: UID 0, LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium: MSL_835_181024 Medium parameters used: f = 844 MHz; σ = 0.946 S/m; ε_r = 54.12; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.69, 9.69, 9.69); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20600/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
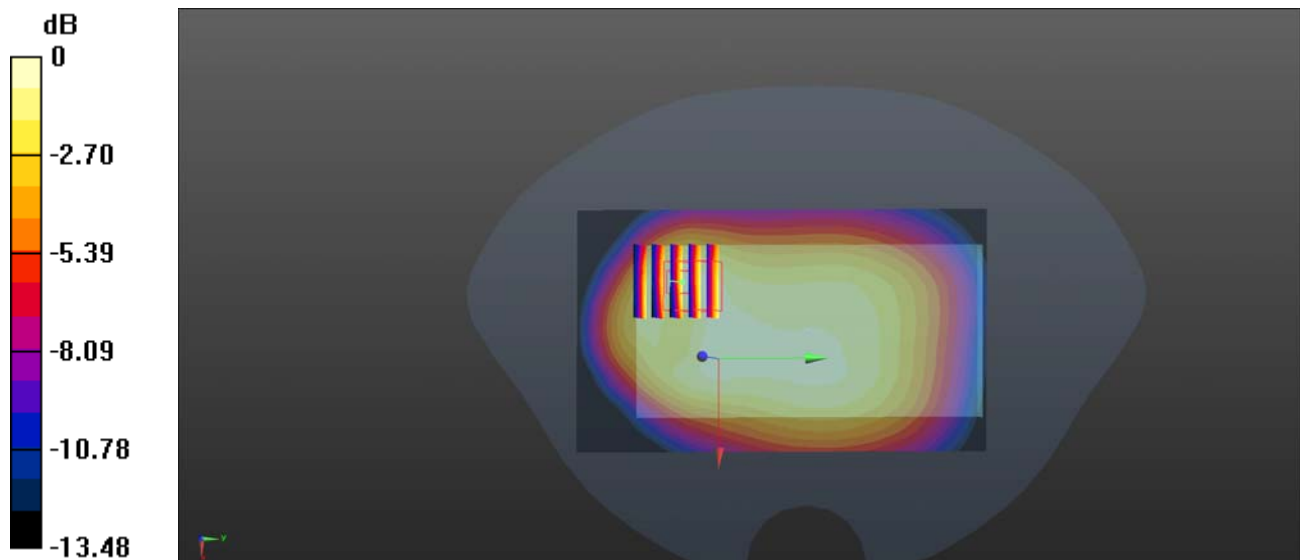Maximum value of SAR (interpolated) = 0.205 W/kg

Ch20600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.55 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.117 W/kg
Maximum value of SAR (measured) = 0.203 W/kg

0 dB = 0.205 W/kg

LTE Band 7_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20850

Communication System: UID 0, LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: MSL_2600_181022 Medium parameters used: f = 2510 MHz; σ = 2.078 S/m; ε_r = 51.267; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(6.96, 6.96, 6.96); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20850/Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
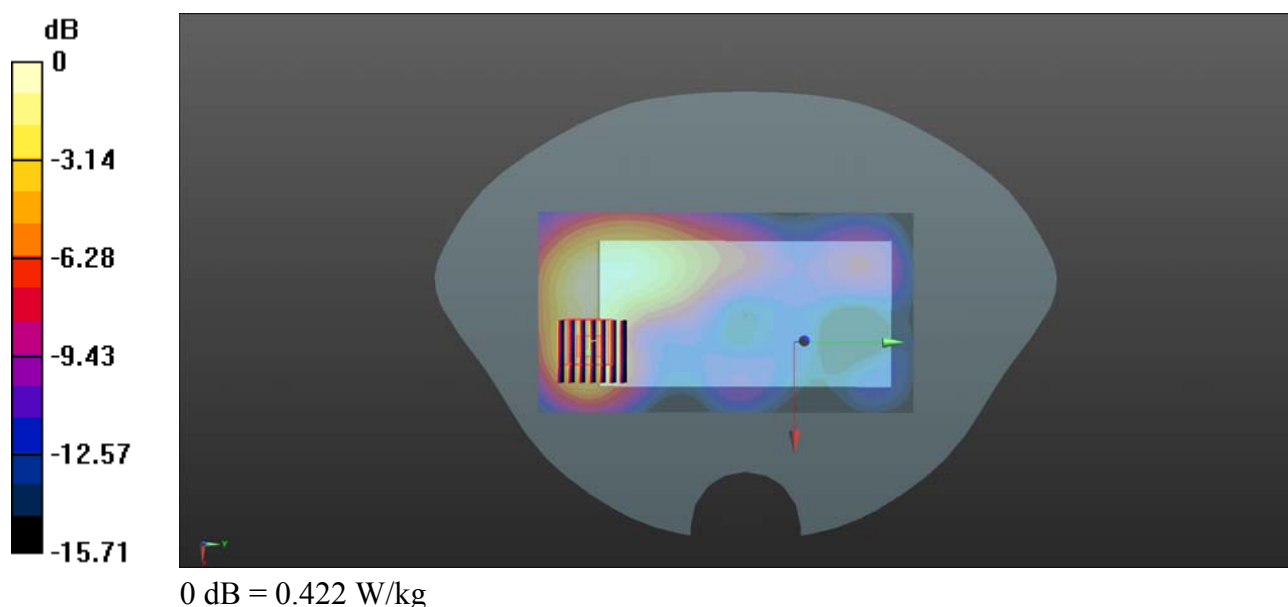Maximum value of SAR (interpolated) = 0.422 W/kg

Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.717 V/m; Power Drift = -0.29 dB
Peak SAR (extrapolated) = 0.861 W/kg
SAR(1 g) = 0.376 W/kg; SAR(10 g) = 0.182 W/kg
Maximum value of SAR (measured) = 0.407 W/kg

0 dB = 0.422 W/kg

WLAN 2.4GHz_802.11b 1Mbps_Back Side_10mm_Ch6

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_181219 Medium parameters used: f = 2437 MHz; σ = 2.019 S/m; $ε_r$ = 50.692; ρ

= 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
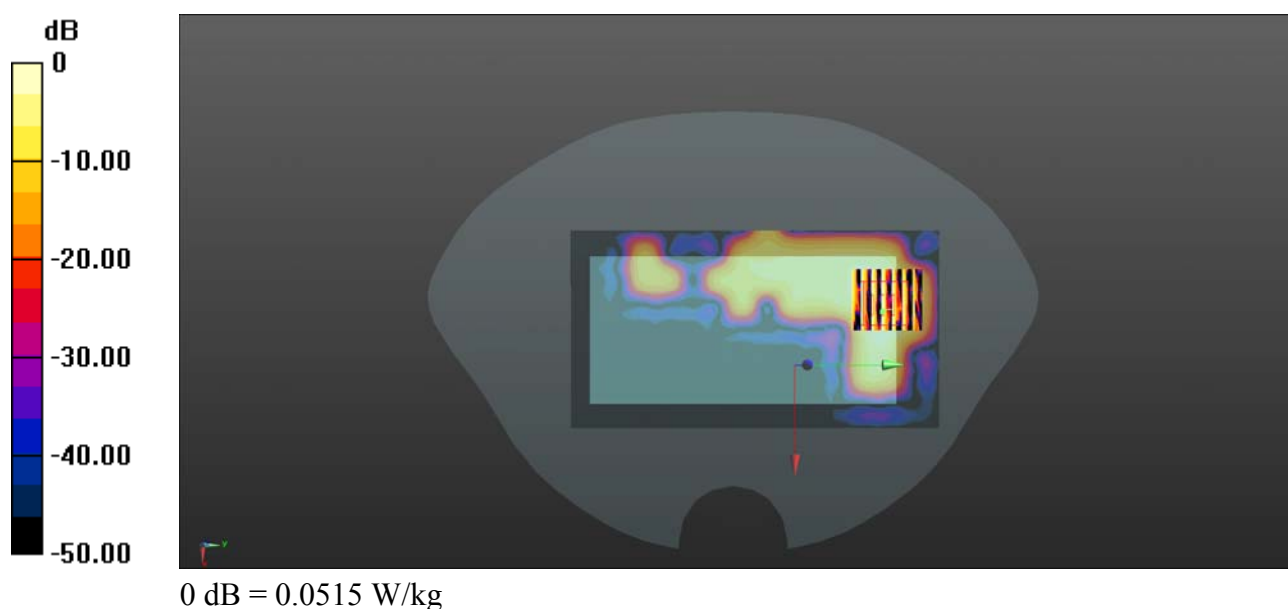Maximum value of SAR (interpolated) = 0.0515 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.6350 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0730 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.016 W/kg
Maximum value of SAR (measured) = 0.0464 W/kg

0 dB = 0.0515 W/kg

WLAN 5GHz Band 1_802.11a 6Mbps_Back Side_10mm_Ch36

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5250_181219 Medium parameters used: f = 5180 MHz; σ = 5.347 S/m; ε_r = 48.468; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(4.73, 4.73, 4.73); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch36/Area Scan (81x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0167 W/kg

Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0730 W/kg
SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.0221 W/kg

0 dB = 0.0167 W/kg
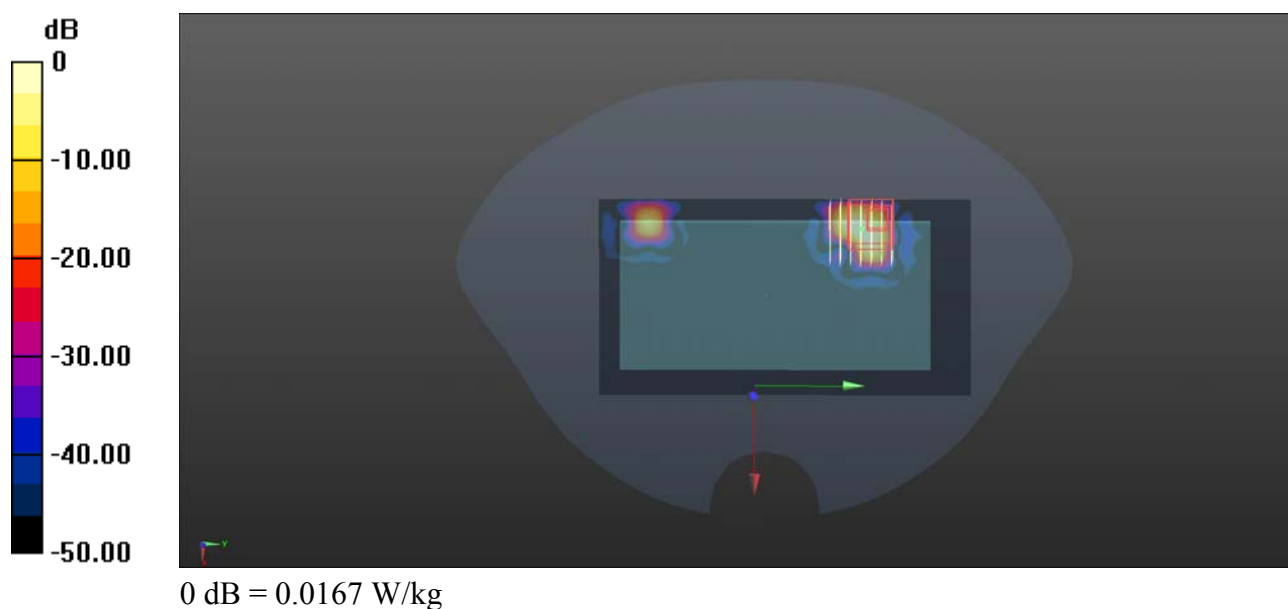
WLAN 5GHz Band 2_802.11a 6Mbps_Back Side_10mm_Ch52

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: MSL_5250_181219 Medium parameters used: f = 5260 MHz; σ = 5.431 S/m; ε_r = 48.172; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(4.73, 4.73, 4.73); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0224 W/kg

Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0740 W/kg
SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0242 W/kg

0 dB = 0.0224 W/kg
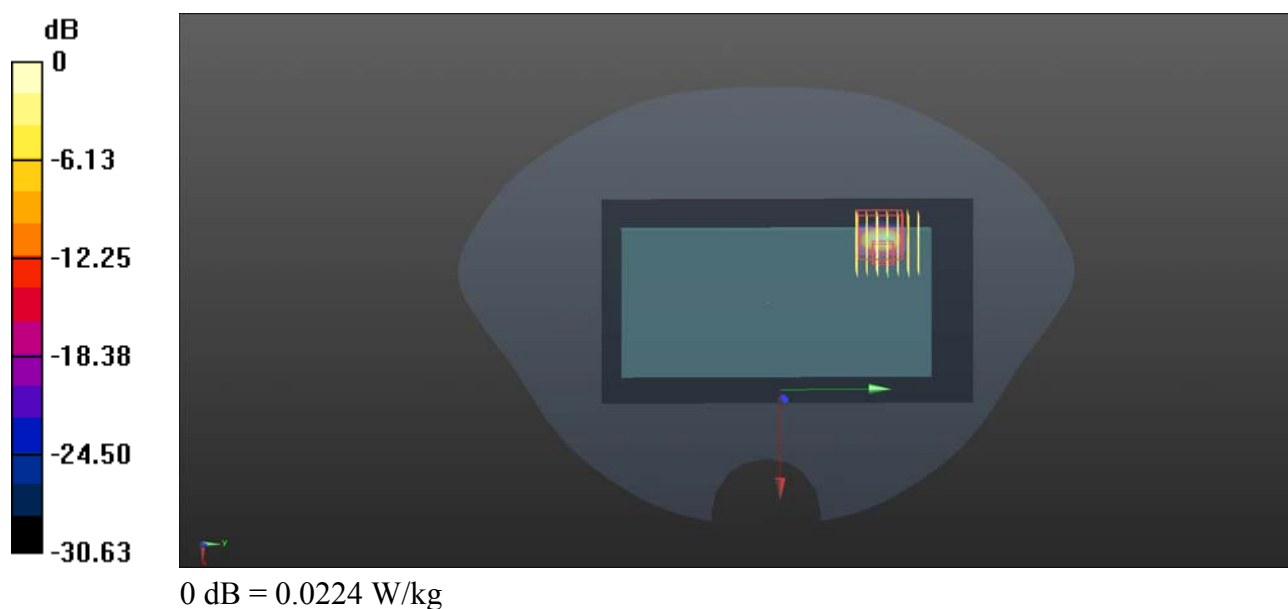
WLAN 5GHz Band 3_802.11n-HT20MCS0_Back Side_10mm_Ch100

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: MSL_5600_181219 Medium parameters used: f = 5500 MHz; σ = 5.679 S/m; ε_r = 47.843; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(3.96, 3.96, 3.96); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch100/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
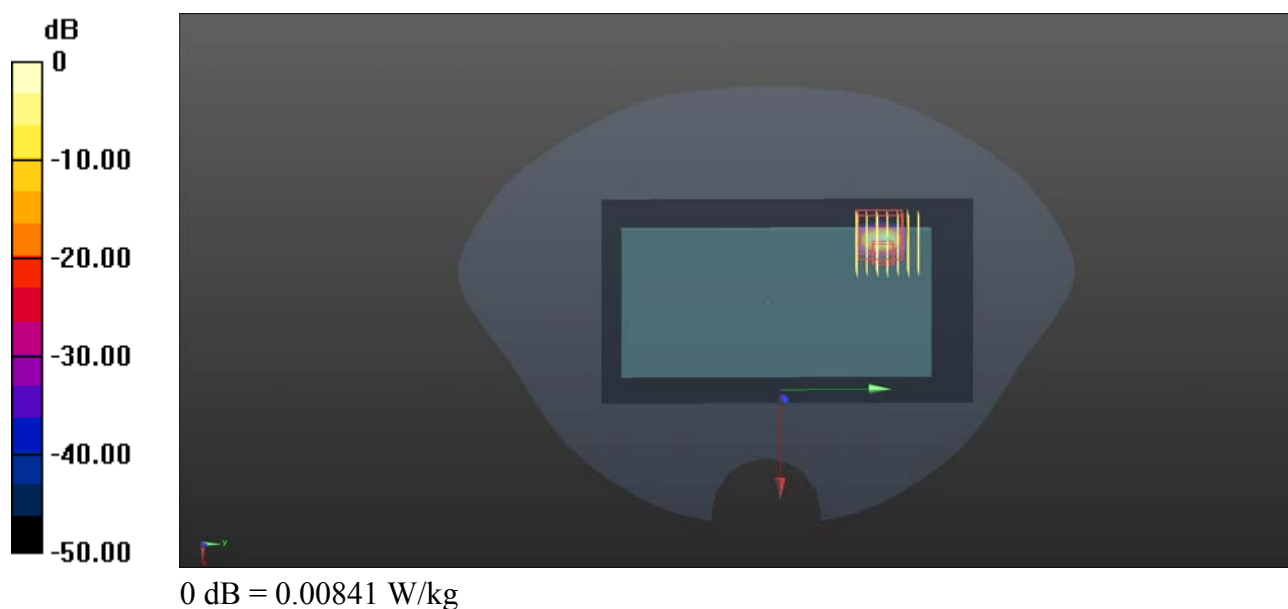Maximum value of SAR (interpolated) = 0.00841 W/kg

Ch100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0630 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00736 W/kg
Maximum value of SAR (measured) = 0.0221 W/kg

0 dB = 0.00841 W/kg

WLAN 5GHz Band 4_802.11a 6Mbps_Back Side_10mm_Ch149

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5750_181219 Medium parameters used: f = 5745 MHz; σ = 6.051 S/m; ε_r = 47.338; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(3.98, 3.98, 3.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch149/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
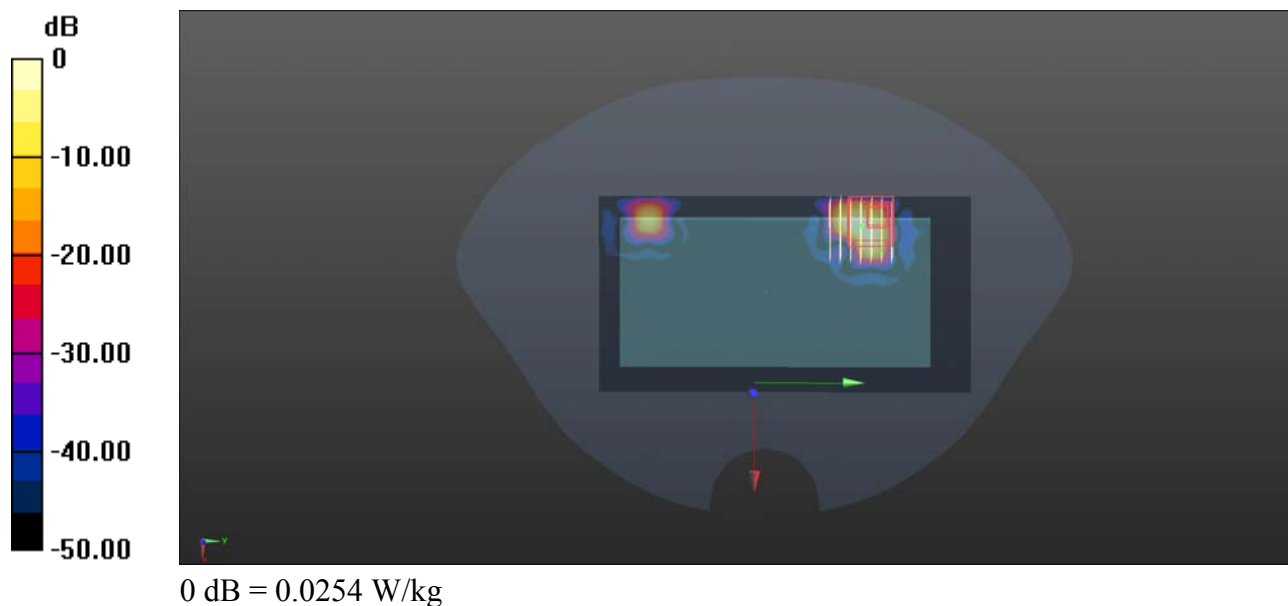Maximum value of SAR (interpolated) = 0.00731 W/kg

Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.7400 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0 W/kg
SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.01 W/kg
Maximum value of SAR (measured) = 0.0254 W/kg

0 dB = 0.0254 W/kg

GSM850_GPRS(3 TX slots)_Front Side_10mm_Ch251

Communication System: UID 0, GSM850(class 11) (0); Frequency: 848.8 MHz;Duty Cycle: 1:2.77
Medium: MSL_835_181024 Medium parameters used: f = 849 MHz; σ = 0.945 S/m; ε_r = 53.946; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.69, 9.69, 9.69); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch251/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
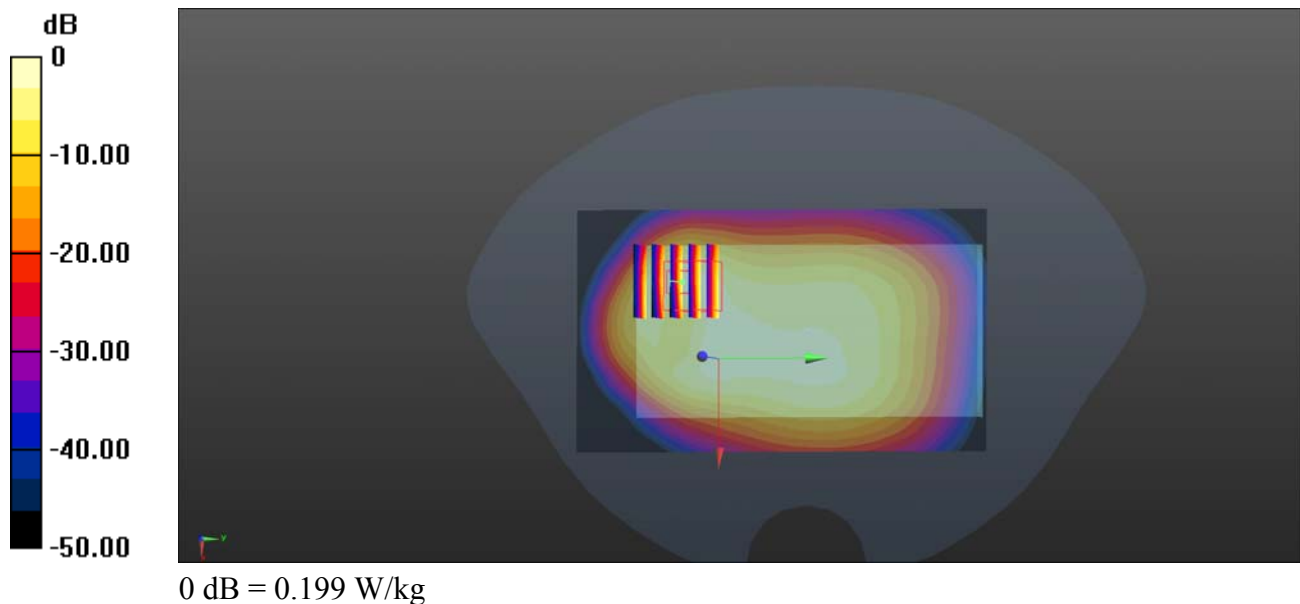Maximum value of SAR (interpolated) = 0.199 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.60 V/m; Power Drift = 0.02
Peak SAR (extrapolated) = 0.231 W/kg
SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.125 W/kg
Maximum value of SAR (measured) = 0.139 W/kg

0 dB = 0.199 W/kg

GSM1900_GPRS(3 TX slots)_Bottom Side_10mm_Ch661

Communication System: UID 0, PCS1900(class 11) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_181024 Medium parameters used: f = 1880 MHz; σ = 1.509 S/m; ε$_r$ = 52.468; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.56, 7.56, 7.56); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
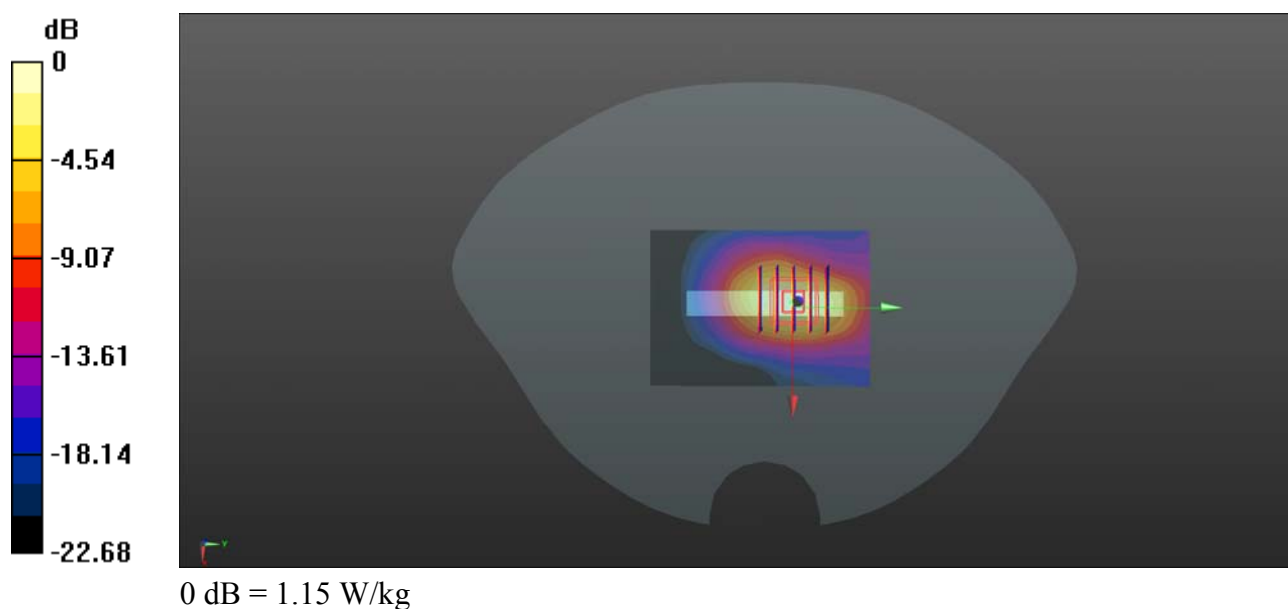Maximum value of SAR (interpolated) = 1.15 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.48 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 0.937 W/kg; SAR(10 g) = 0.432 W/kg
Maximum value of SAR (measured) = 1.05 W/kg

0 dB = 1.15 W/kg

WCDMA Band II_RMC 12.2Kbps_Bottom Side_10mm_Ch9400

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_181024 Medium parameters used: f = 1880 MHz; σ = 1.509 S/m; ε_r = 52.468; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.56, 7.56, 7.56); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9400/Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
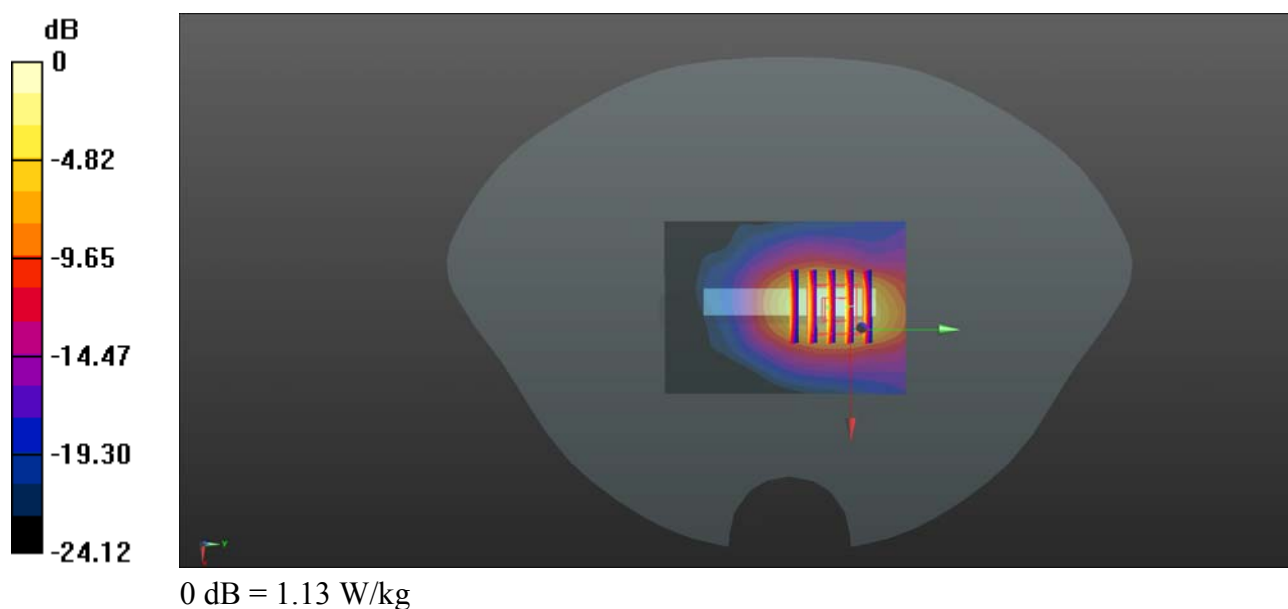Maximum value of SAR (interpolated) = 1.13 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.22 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 0.955 W/kg; SAR(10 g) = 0.420 W/kg
Maximum value of SAR (measured) = 0.992 W/kg

0 dB = 1.13 W/kg

WCDMA Band V_RMC 12.2Kbps_Front Side_10mm_Ch4233

Communication System: UID 0, UMTS-FDD (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_181024 Medium parameters used: f = 847 MHz; σ = 0.945 S/m; ε_r = 54.02; ρ =

1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.69, 9.69, 9.69); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
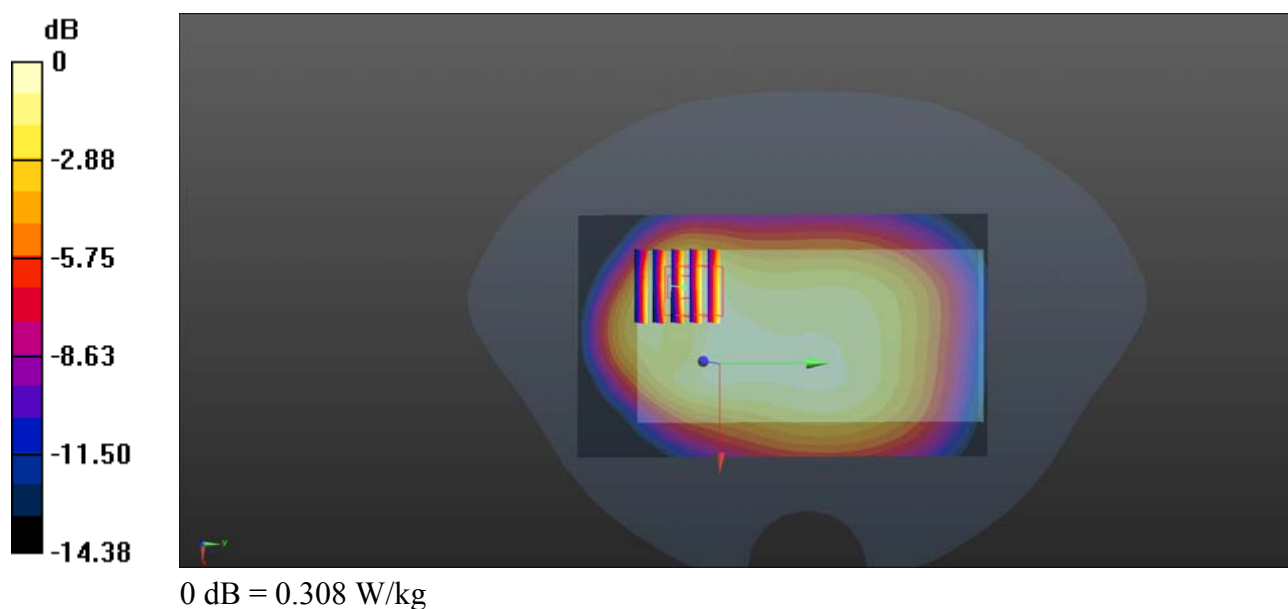Maximum value of SAR (interpolated) = 0.308 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.28 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.477 W/kg
SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.165 W/kg
Maximum value of SAR (measured) = 0.302 W/kg

0 dB = 0.308 W/kg

LTE Band 2_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch18900

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_181024 Medium parameters used: f = 1880 MHz; σ = 1.509 S/m; ε_r = 52.468; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.56, 7.56, 7.56); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch18900/Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
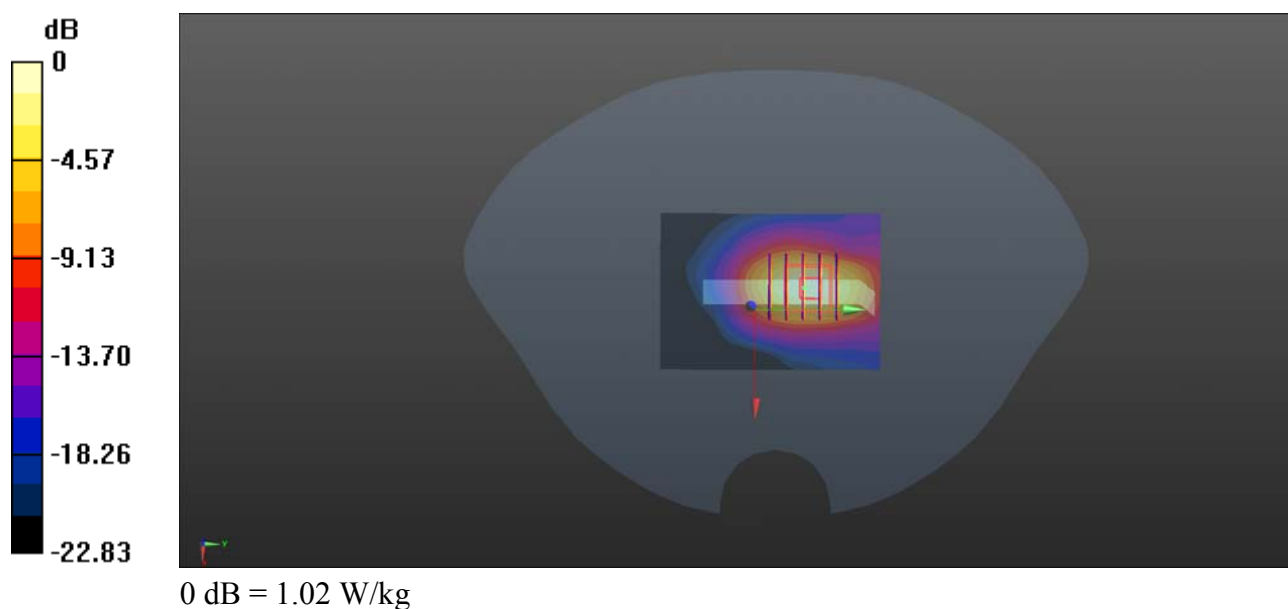Maximum value of SAR (interpolated) = 1.02 W/kg

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.22 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.390 W/kg
Maximum value of SAR (measured) = 0.923 W/kg

0 dB = 1.02 W/kg

LTE Band 4_20MHz_QPSK_1RB_0Offset_Bottom Side_10mm_Ch20300

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: MSL_1800_181023 Medium parameters used: f = 1745 MHz; σ = 1.483 S/m; ε_r = 54.095; ρ

= 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(7.93, 7.93, 7.93); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20300/Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
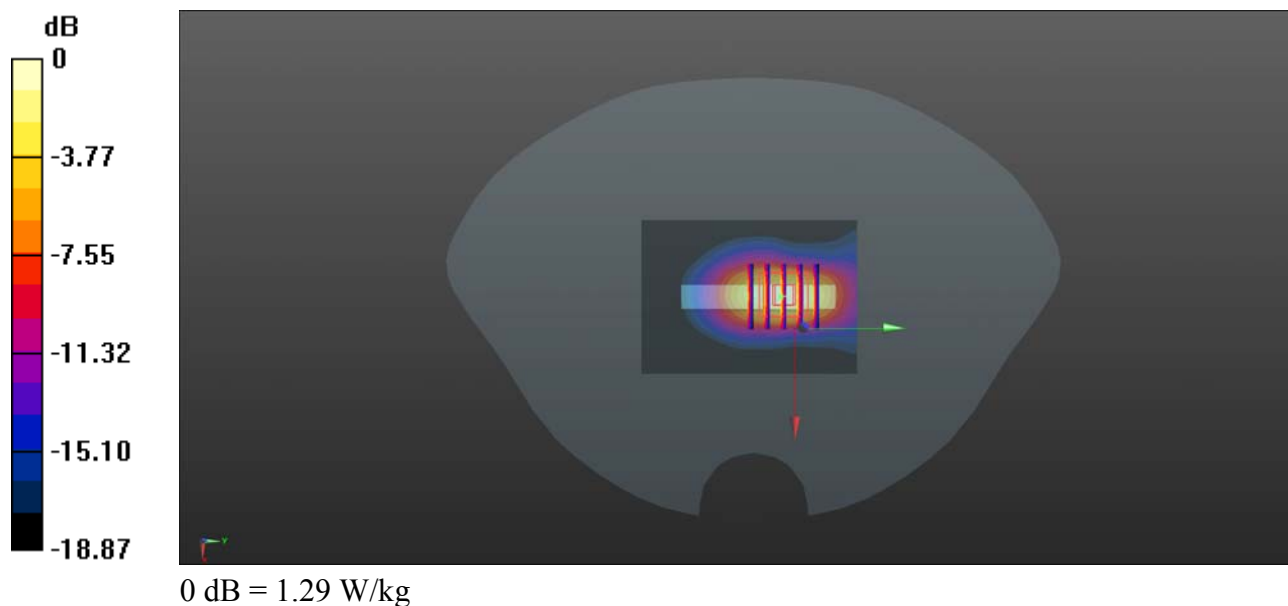Maximum value of SAR (interpolated) = 1.29 W/kg

Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.87 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.469 W/kg
Maximum value of SAR (measured) = 1.05 W/kg

0 dB = 1.29 W/kg

LTE Band 5_10MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch20600

Communication System: UID 0, LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium: MSL_835_181024 Medium parameters used: f = 844 MHz; σ = 0.946 S/m; ε_r = 54.12; ρ =

1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(9.69, 9.69, 9.69); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20600/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
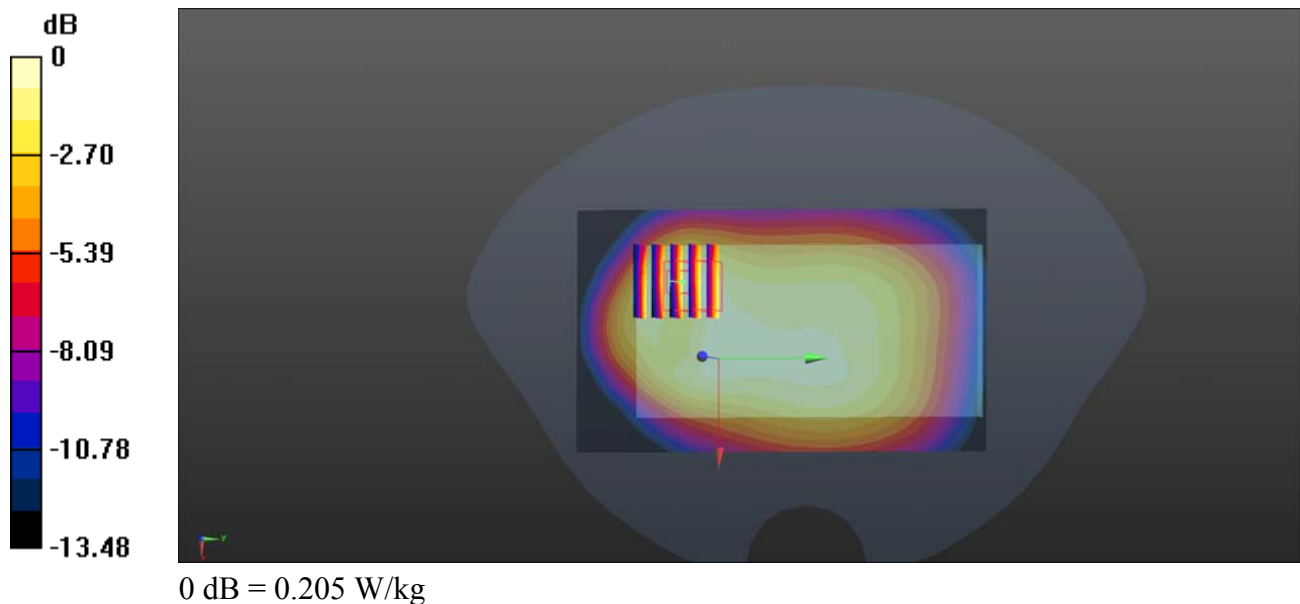Maximum value of SAR (interpolated) = 0.205 W/kg

Ch20600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.55 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.117 W/kg
Maximum value of SAR (measured) = 0.203 W/kg

0 dB = 0.205 W/kg

LTE Band 7_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20850

Communication System: UID 0, LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: MSL_2600_181022 Medium parameters used: f = 2510 MHz; σ = 2.078 S/m; ε_r = 51.267; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7445; ConvF(6.96, 6.96, 6.96); Calibrated: 2018.09.04;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20850/Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
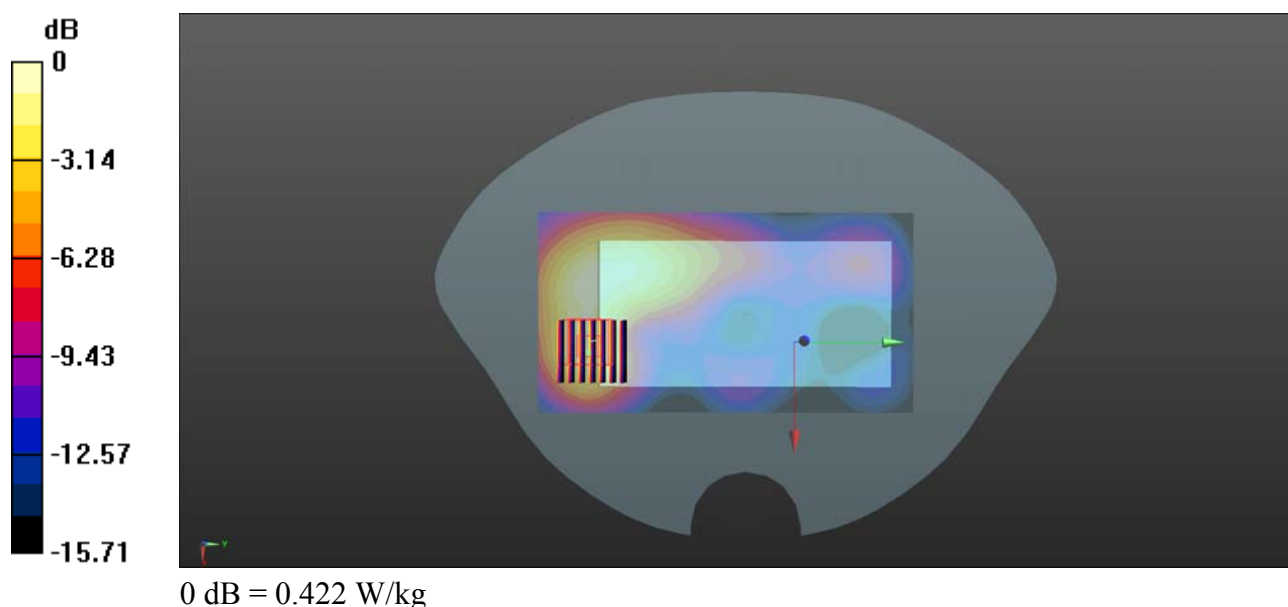Maximum value of SAR (interpolated) = 0.422 W/kg

Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.717 V/m; Power Drift = -0.29 dB
Peak SAR (extrapolated) = 0.861 W/kg
SAR(1 g) = 0.376 W/kg; SAR(10 g) = 0.182 W/kg
Maximum value of SAR (measured) = 0.407 W/kg

0 dB = 0.422 W/kg

WLAN 2.4GHz_802.11b 1Mbps_Back Side_10mm_Ch6

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_181219 Medium parameters used: f = 2437 MHz; σ = 2.019 S/m; ε_r = 50.692; ρ

= 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
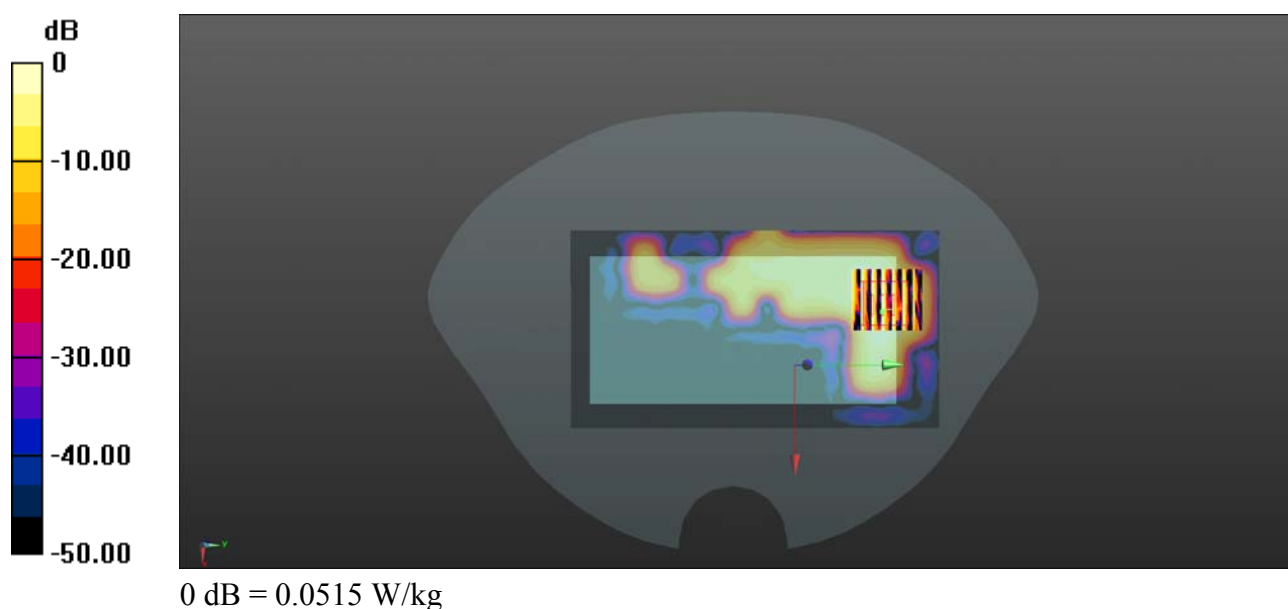Maximum value of SAR (interpolated) = 0.0515 W/kg

Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.6350 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0730 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.016 W/kg
Maximum value of SAR (measured) = 0.0464 W/kg

0 dB = 0.0515 W/kg

WLAN 5GHz Band 1_802.11a 6Mbps_Top Side_10mm_Ch36

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: MSL_5250_181219 Medium parameters used: f = 5180 MHz; σ = 5.347 S/m; ε_r = 48.468; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(4.73, 4.73, 4.73); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch36/Area Scan (61x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
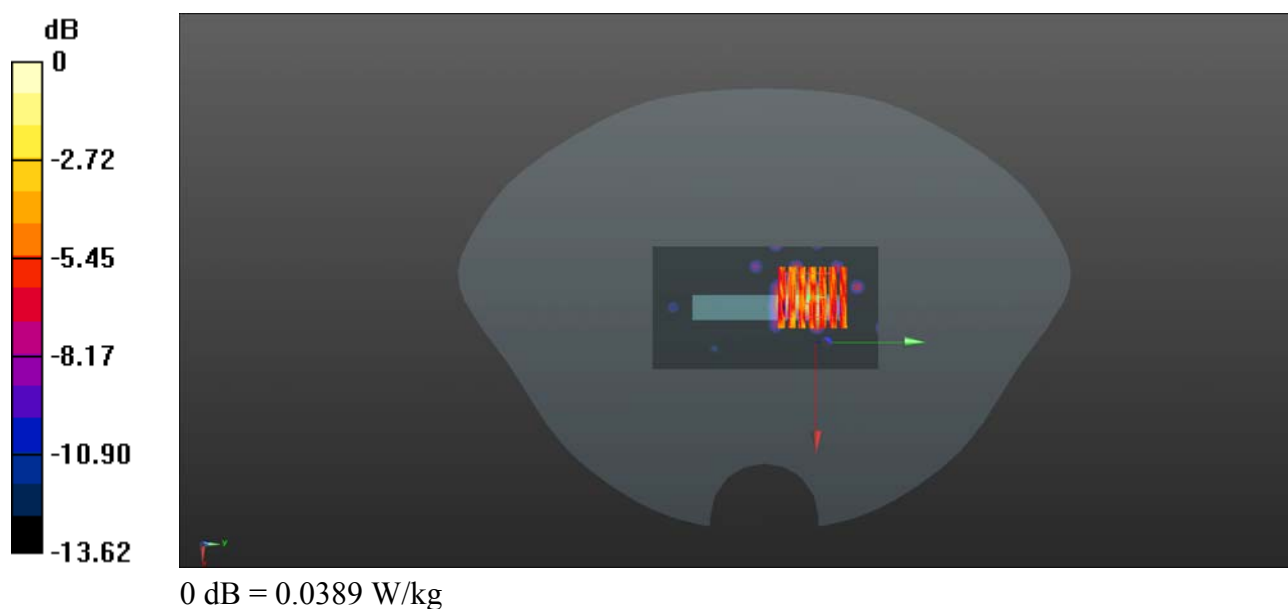Maximum value of SAR (interpolated) = 0.0389 W/kg

Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.9730 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.0650 W/kg
SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.0239 W/kg

0 dB = 0.0389 W/kg

WLAN 5GHz Band 2_802.11a 6Mbps_Top Side_10mm_Ch52

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: MSL_5200_181219 Medium parameters used: f = 5260 MHz; σ = 5.431 S/m; ε_r = 48.172; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(4.73, 4.73, 4.73); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (61x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
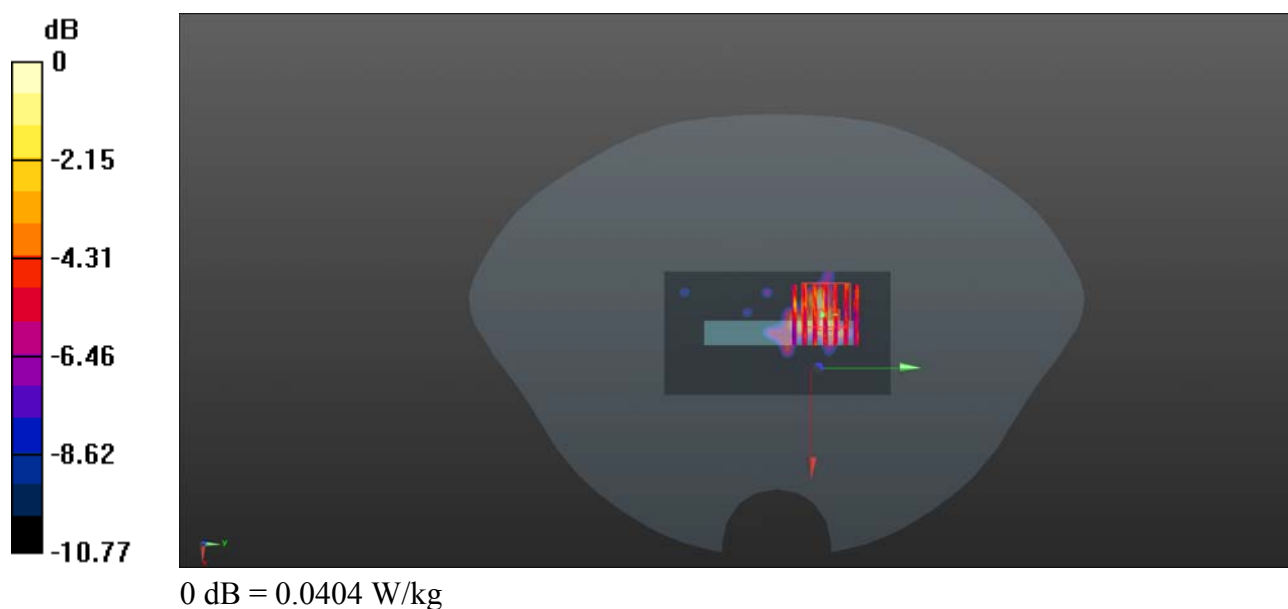Maximum value of SAR (interpolated) = 0.0404 W/kg

Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.318 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.131 W/kg
SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0266 W/kg

0 dB = 0.0404 W/kg
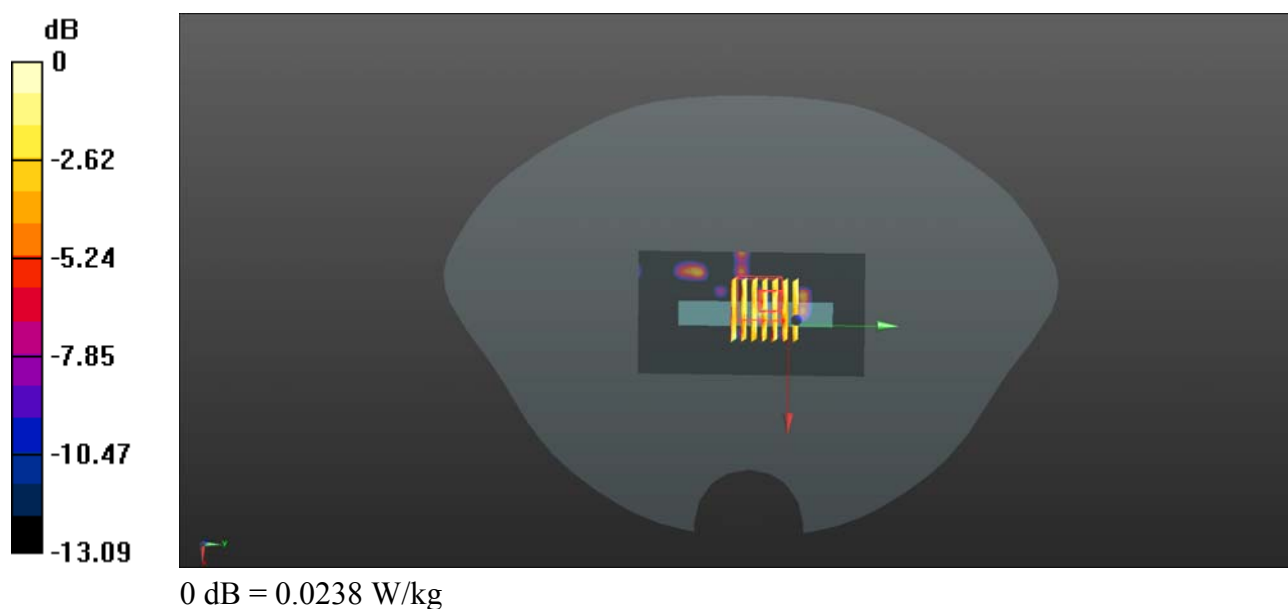
WLAN 5GHz Band 3_802.11n-HT20MCS0_Top Side_10mm_Ch100

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: MSL_5600_181219 Medium parameters used: f = 5500 MHz; σ = 5.679 S/m; ε_r = 47.843; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(3.96, 3.96, 3.96); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch100/Area Scan (61x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0147 W/kg

Ch100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.8280 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0400 W/kg
SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.015 W/kg
Maximum value of SAR (measured) = 0.0238 W/kg

0 dB = 0.0238 W/kg

WLAN 5GHz Band 4_802.11a 6Mbps_Top Side_10mm_Ch149

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5750_181219 Medium parameters used: f = 5745 MHz; σ = 6.051 S/m; ε_r = 47.338; ρ

= 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3823; ConvF(3.98, 3.98, 3.98); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch149/Area Scan (61x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.00924 W/kg

Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.9170 V/m; Power Drift = 6.98 dB
Peak SAR (extrapolated) = 0.0500 W/kg
SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.0312 W/kg

0 dB = 0.00924 W/kg