Annex D Plots of Maximum SAR Test Results

GSM850_GPRS(2 TX slots)_Right Cheek_Ch189

Communication System: UID 0, GSM850(class 10) (0); Frequency: 836.4 MHz;Duty Cycle: 1:4.15
Medium: HSL_835 Medium parameters used: f = 836.4 MHz; σ = 0.904 S/m; ε_r = 41.033; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

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)

Ch189/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
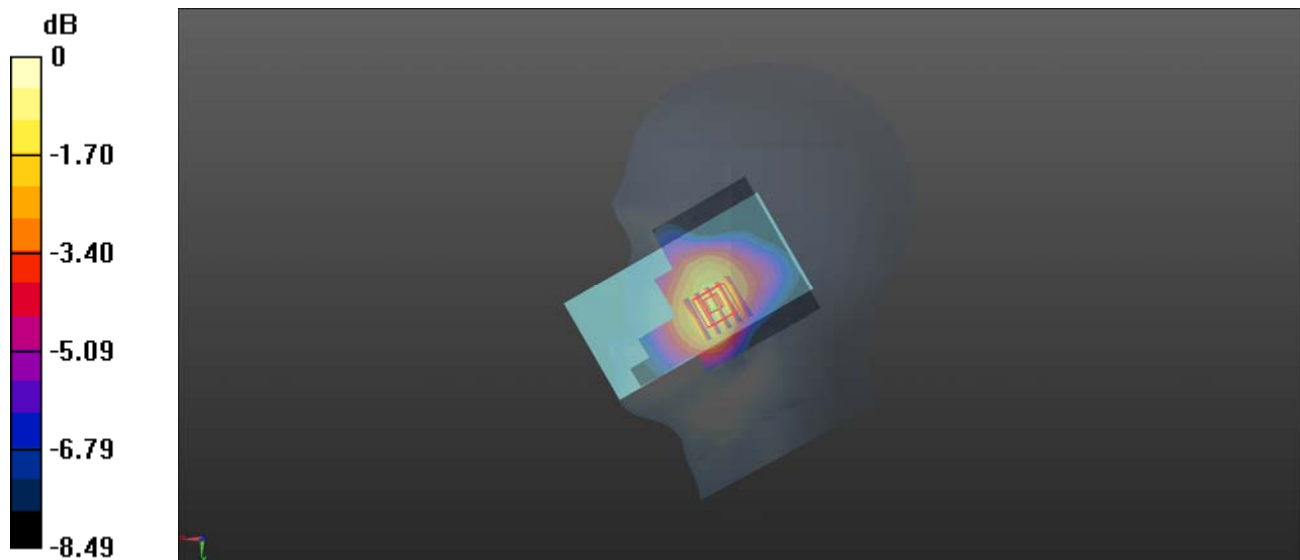Maximum value of SAR (interpolated) = 0.0803 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.856 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.122 W/kg
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.076 W/kg
Maximum value of SAR (measured) = 0.103 W/kg

0 dB = 0.103 W/kg

GSM1900_GPRS(4 TX slots)_Left Cheek_Ch661

Communication System: UID 0, PCS1900(class 12) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.366 S/m; ε_r = 40.167; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：22.3 ℃

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)

Ch661/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
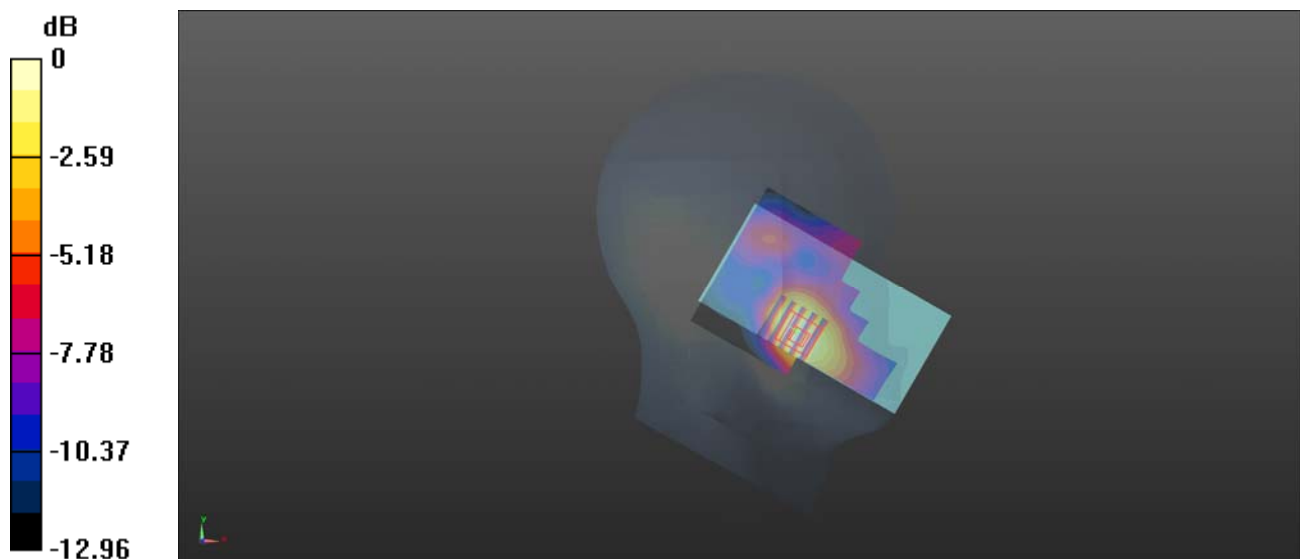Maximum value of SAR (interpolated) = 0.211 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.981 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.286 W/kg
SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.112 W/kg
Maximum value of SAR (measured) = 0.198 W/kg

0 dB = 0.198 W/kg

WCDMA Band II_RMC 12.2Kbps_Left Cheek_Ch9400

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.366 S/m; ε_r = 40.167; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：22.3 ℃

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)

Ch9400/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
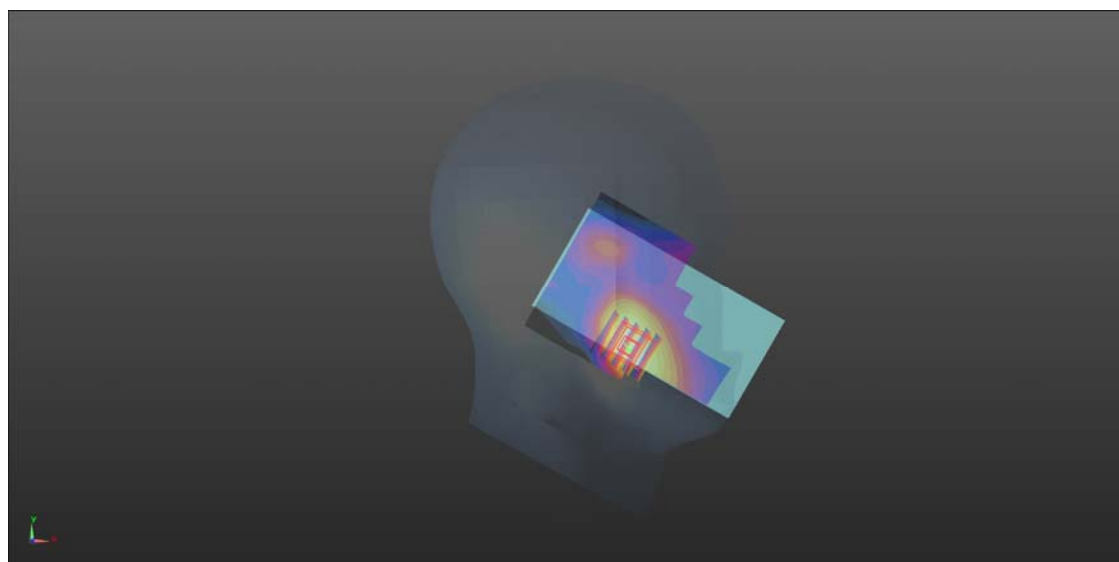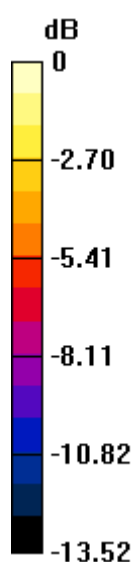Maximum value of SAR (interpolated) = 0.226 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.388 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.314 W/kg
SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.125 W/kg
Maximum value of SAR (measured) = 0.225 W/kg

0 dB = 0.225 W/kg

WCDMA Band V_RMC 12.2Kbps_Right Cheek_Ch4183

Communication System: UID 0, UMTS-FDD (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 837 MHz; σ = 0.905 S/m; $ε_r$ = 40.944; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

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)

Ch4183/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
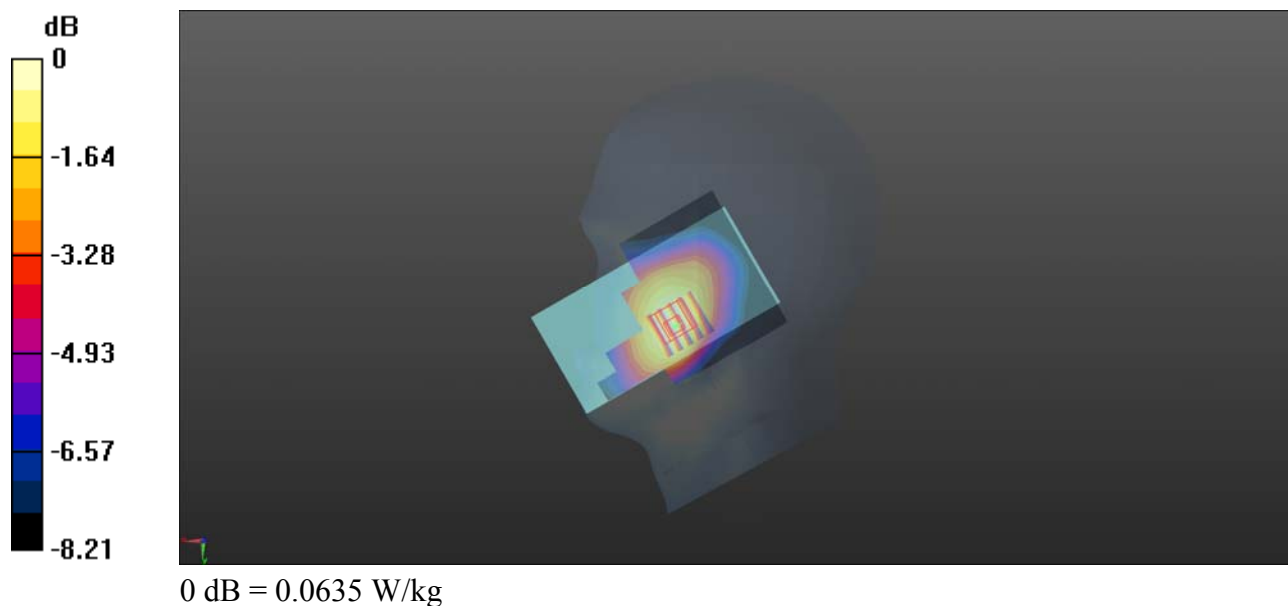Maximum value of SAR (interpolated) = 0.0629 W/kg

Ch4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.206 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0730 W/kg
SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.047 W/kg
Maximum value of SAR (measured) = 0.0635 W/kg

0 dB = 0.0635 W/kg

CDMA2000 BC0_RC3 SO55_Right Cheek_Ch777

Communication System: UID 0, CDMA 2000 (0); Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 848.31 MHz; σ = 0.92 S/m; $ε_r$ = 40.9; ρ = 1000

kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

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)

Ch777/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
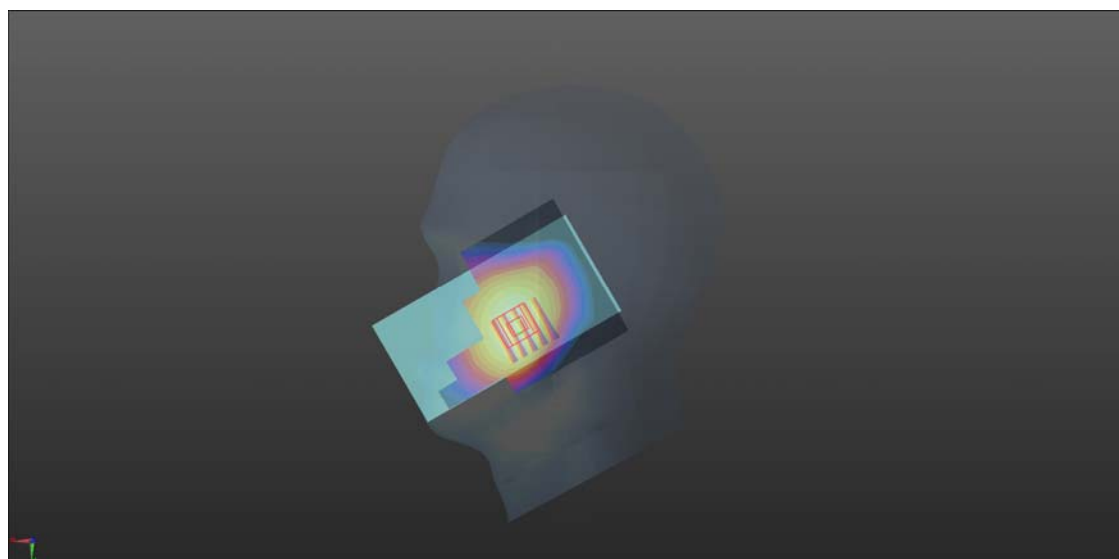Maximum value of SAR (interpolated) = 0.115 W/kg

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.683 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.134 W/kg
SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.086 W/kg
Maximum value of SAR (measured) = 0.115 W/kg

0 dB = 0.115 W/kg

LTE Band 5_10MHz_QPSK_1RB_0Offset_Right Cheek_Ch20600

Communication System: UID 0, LTE (0); Frequency: 844 MHz; Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 844 MHz; σ = 0.914 S/m; $ε_r$ = 40.968; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

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)

Ch20600/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
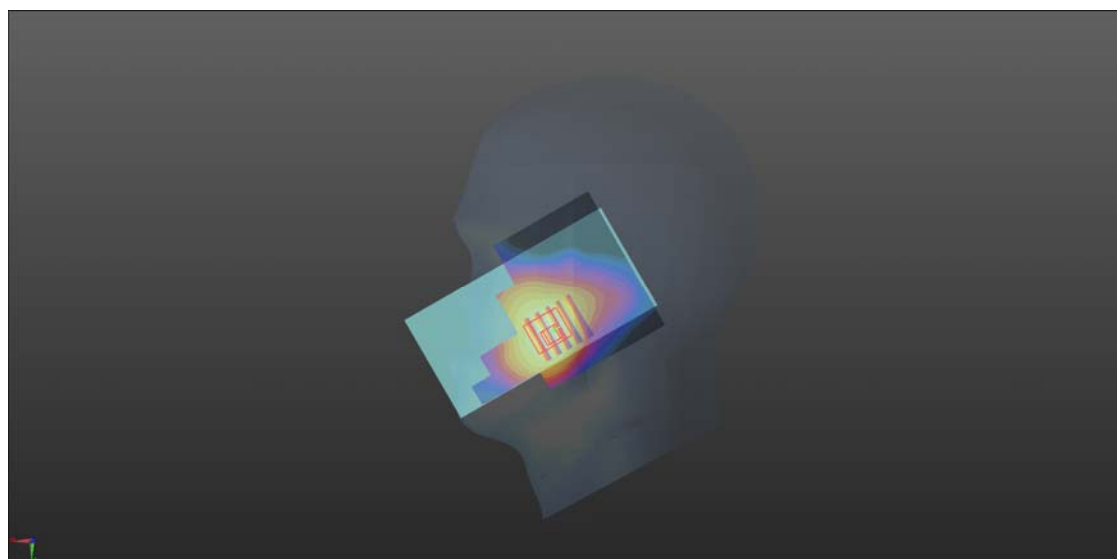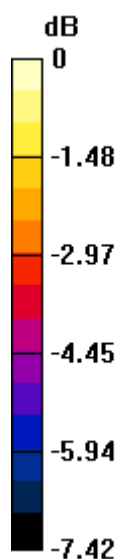Maximum value of SAR (interpolated) = 0.0289 W/kg

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.834 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0400 W/kg
SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0298 W/kg

0 dB = 0.0298 W/kg

LTE Band 7_20MHz_QPSK_1RB_0Offset_Left Cheek_Ch21100

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2535 MHz; σ = 1.936 S/m; ε_r = 40.547; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(6.47, 6.47, 6.47); 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)

Ch21100/Area Scan (91x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
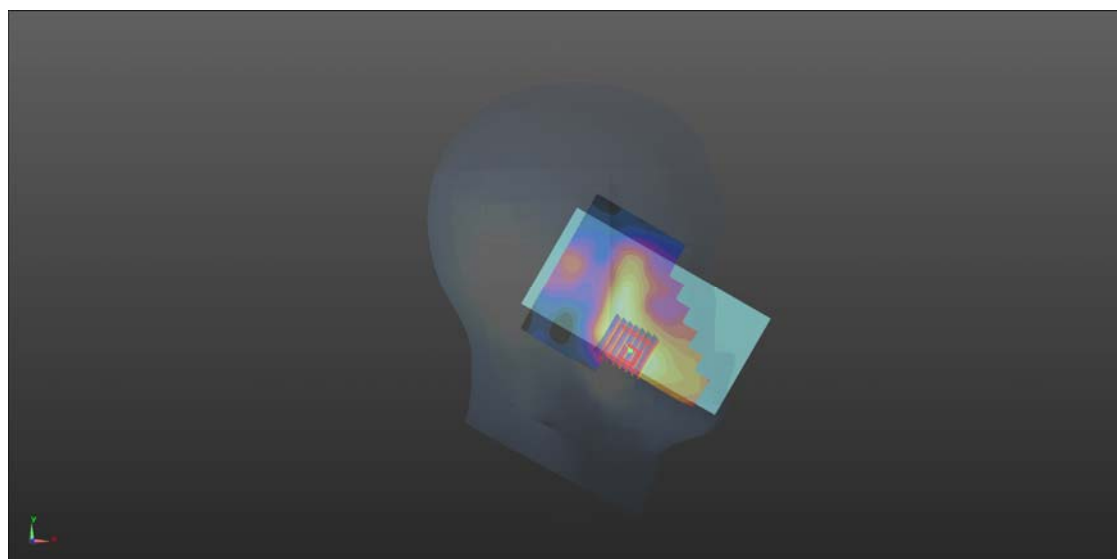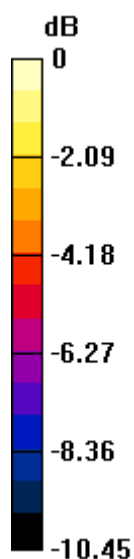Maximum value of SAR (interpolated) = 0.0983 W/kg

Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.549 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.171 W/kg
SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.056 W/kg
Maximum value of SAR (measured) = 0.101 W/kg

0 dB = 0.101 W/kg

LTE Band 38_20MHz_QPSK_1RB_0Offset_Left Cheek_Ch38000

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; σ = 1.997 S/m; ε_r = 40.154; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(6.47, 6.47, 6.47); 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)

Ch38000/Area Scan (91x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
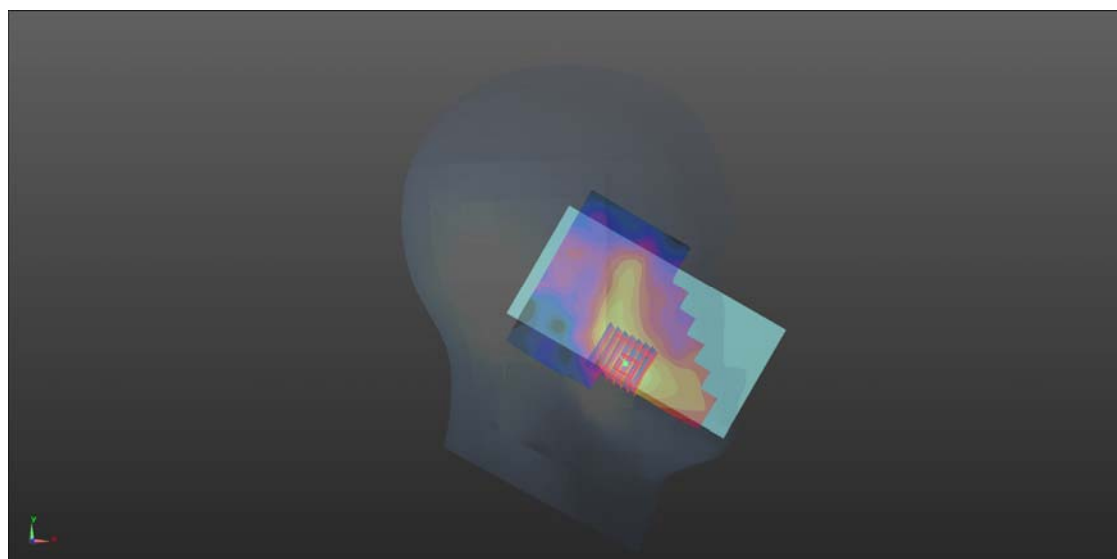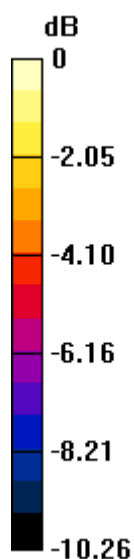Maximum value of SAR (interpolated) = 0.0664 W/kg

Ch38000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.747 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.132 W/kg
SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.039 W/kg
Maximum value of SAR (measured) = 0.0718 W/kg

0 dB = 0.0718 W/kg

LTE Band 40A_10MHz_QPSK_1RB_0Offset_Left Cheek_Ch38750

Communication System: UID 0, LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1.59
Medium: HSL_2300 Medium parameters used: f = 2310 MHz; σ = 1.707 S/m; ε_r = 41.263; ρ = 1000 kg/m^3

Ambient Temperature：23.5 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(6.9, 6.9, 6.9); 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)

Ch38750/Area Scan (91x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
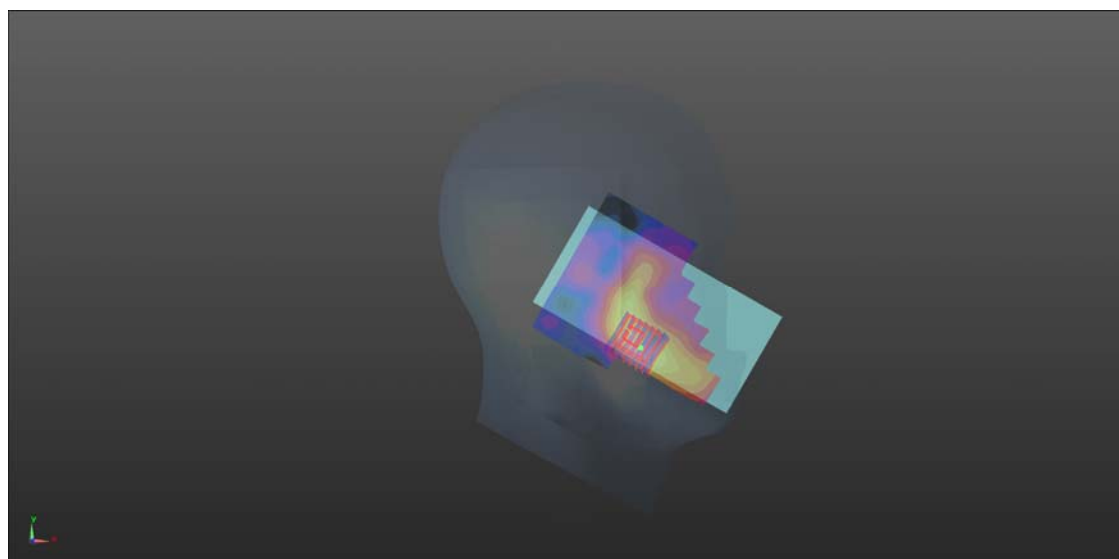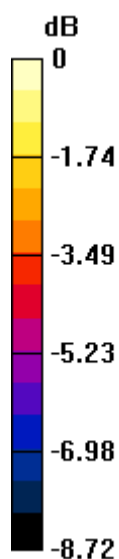Maximum value of SAR (interpolated) = 0.0465 W/kg

Ch38750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.979 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0740 W/kg
SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.028 W/kg
Maximum value of SAR (measured) = 0.0458 W/kg

0 dB = 0.0458 W/kg

LTE Band 40B_10MHz_QPSK_1RB_0Offset_Left Cheek_Ch39200

Communication System: UID 0, LTE (0); Frequency: 2355 MHz;Duty Cycle: 1:1.59
Medium: HSL_2300 Medium parameters used: f = 2355 MHz; σ = 1.742 S/m; ε_r = 41.172; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(6.9, 6.9, 6.9); 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)

Ch39200/Area Scan (91x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
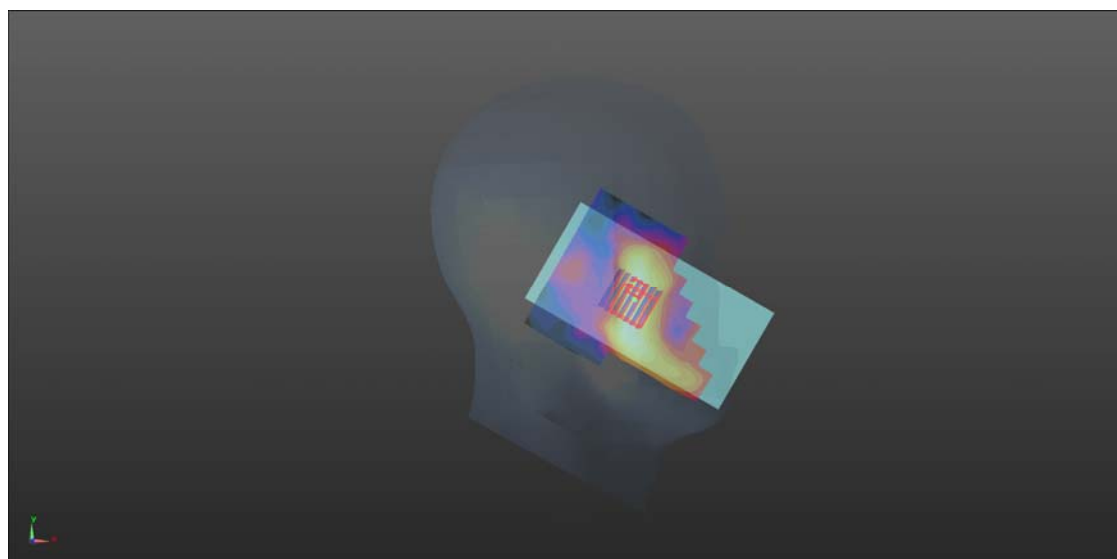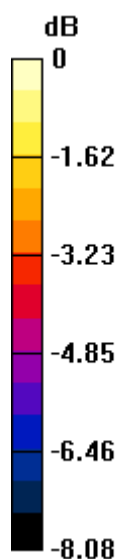Maximum value of SAR (interpolated) = 0.0453 W/kg

Ch39200/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.782 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.0650 W/kg
SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.0427 W/kg

0 dB = 0.0427 W/kg

LTE Band 41_20MHz_QPSK_1RB_0Offset_Left Cheek_Ch40870

Communication System: UID 0, LTE (0); Frequency: 2618 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2618 MHz; σ = 2.026 S/m; ε$_r$ = 40.061; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(6.47, 6.47, 6.47); 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)

Ch40870/Area Scan (91x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
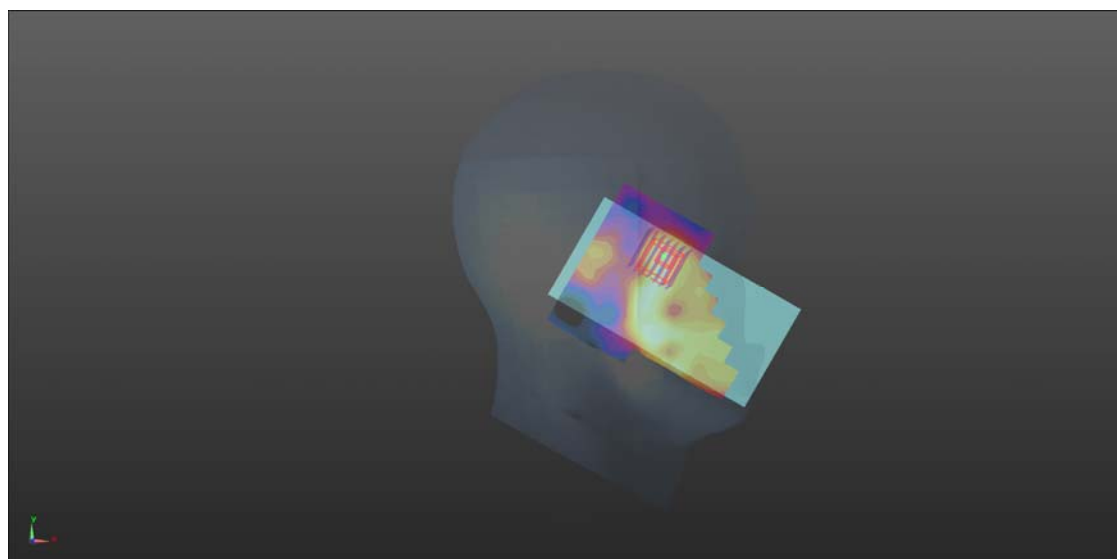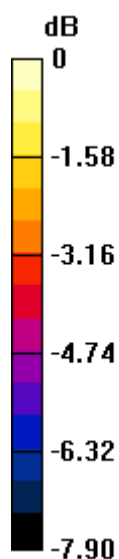Maximum value of SAR (interpolated) = 0.0398 W/kg

Ch40870/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.769 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0700 W/kg
SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0389 W/kg

0 dB = 0.0389 W/kg

WLAN 2.4GHz_802.11b 1Mbps_Left 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 (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
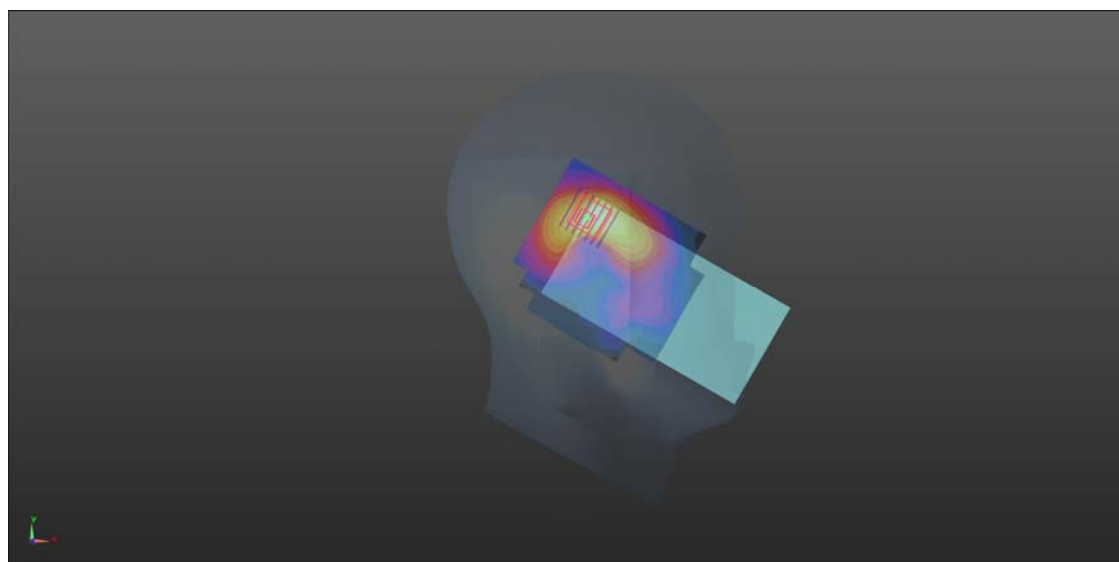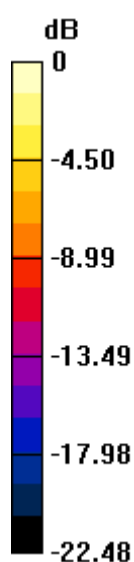Maximum value of SAR (interpolated) = 0.583 W/kg

Ch13/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.515 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.202 W/kg
Maximum value of SAR (measured) = 0.537 W/kg

0 dB = 0.537 W/kg

WLAN 5GHz Band 1_802.11a 6Mbps_Left Tilt_Ch36

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5180 MHz;Duty Cycle: 1:1
Medium: HSL_5250 Medium parameters used: f = 5180 MHz; σ = 4.463 S/m; $ε_r$ = 35.06; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(4.99, 4.99, 4.99); 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)

Ch36/Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.352 W/kg

Ch36/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 8.083 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.142 W/kg
Maximum value of SAR (measured) = 0.337 W/kg
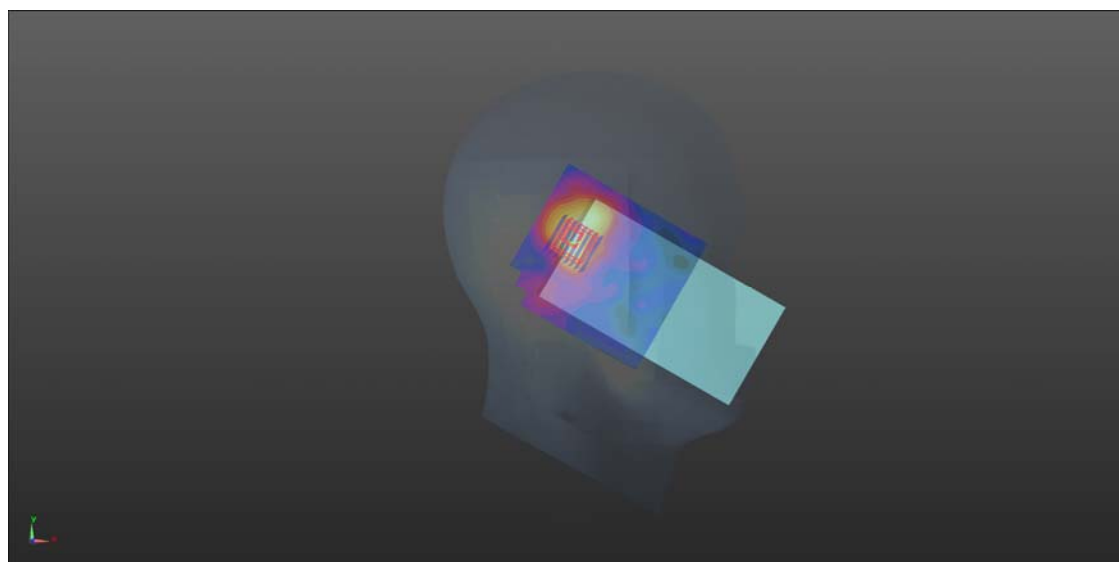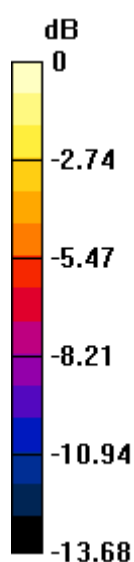
0 dB = 0.337 W/kg

WLAN 5GHz Band 2_802.11a 6Mbps_Left Tilt_Ch60

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: HSL_5250 Medium parameters used: f = 5300 MHz; σ = 4.583 S/m; ε$_r$ = 34.906; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe:EX3DV4 - SN3685; ConvF(4.99, 4.99, 4.99); 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)

Ch60/Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
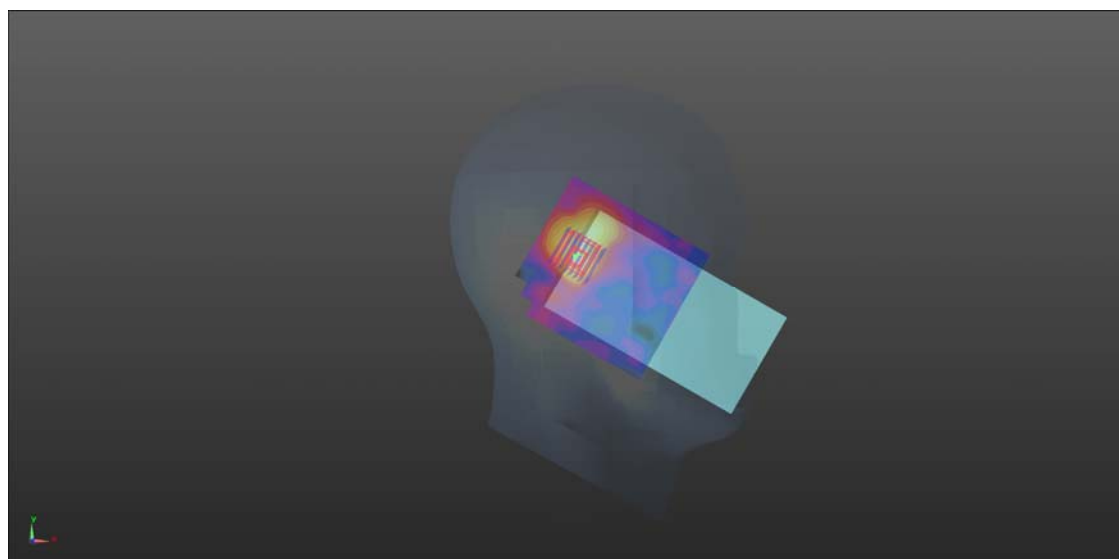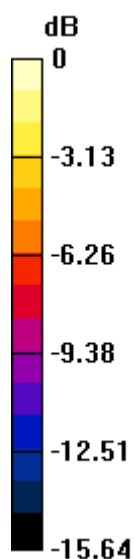Maximum value of SAR (interpolated) = 0.444 W/kg

Ch60/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.087 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.09 W/kg
SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.188 W/kg
Maximum value of SAR (measured) = 0.425 W/kg

0 dB = 0.425 W/kg

WLAN 5GHz Band 3_802.11a 6Mbps_Right Cheek_Ch144

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5720 MHz;Duty Cycle: 1:1
Medium: HSL_5750 Medium parameters used: f = 5720 MHz; σ = 4.999 S/m; ε_r = 34.322; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(4.29, 4.29, 4.29); 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)

Ch144/Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
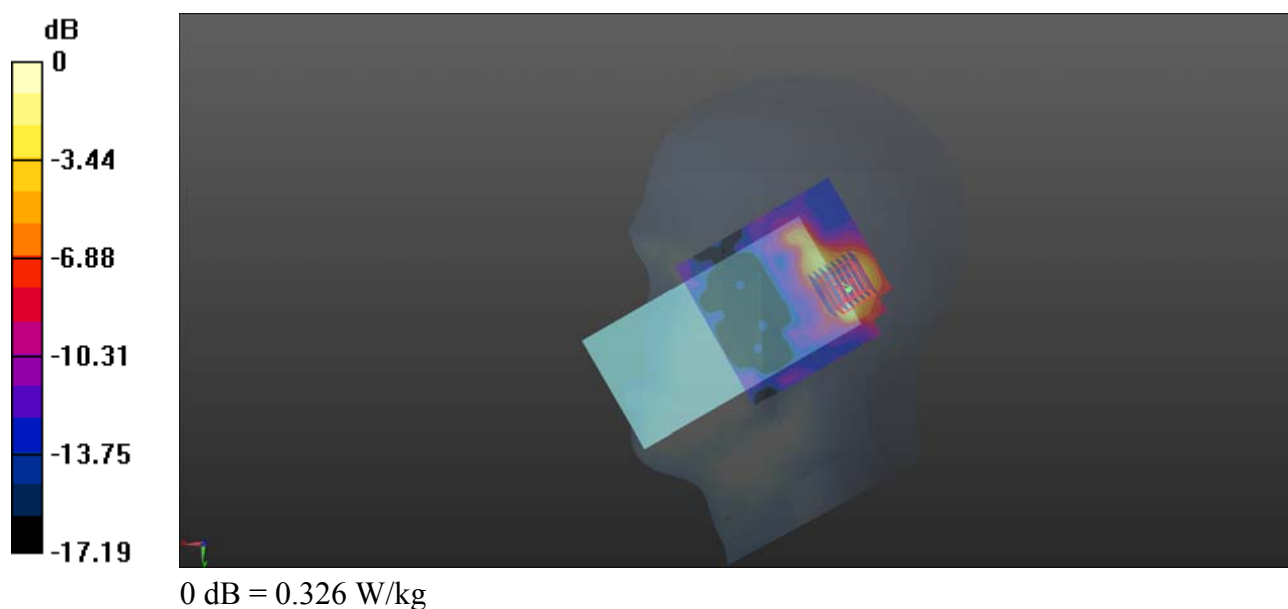Maximum value of SAR (interpolated) = 0.342 W/kg

Ch144/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.521 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.139 W/kg
Maximum value of SAR (measured) = 0.326 W/kg

0 dB = 0.326 W/kg

WLAN 5GHz Band 4_802.11a 6Mbps_Right Tilt_Ch165

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: HSL_5750 Medium parameters used: f = 5825 MHz; σ = 5.105 S/m; ε_r = 34.176; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(4.29, 4.29, 4.29); 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)

Ch165/Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
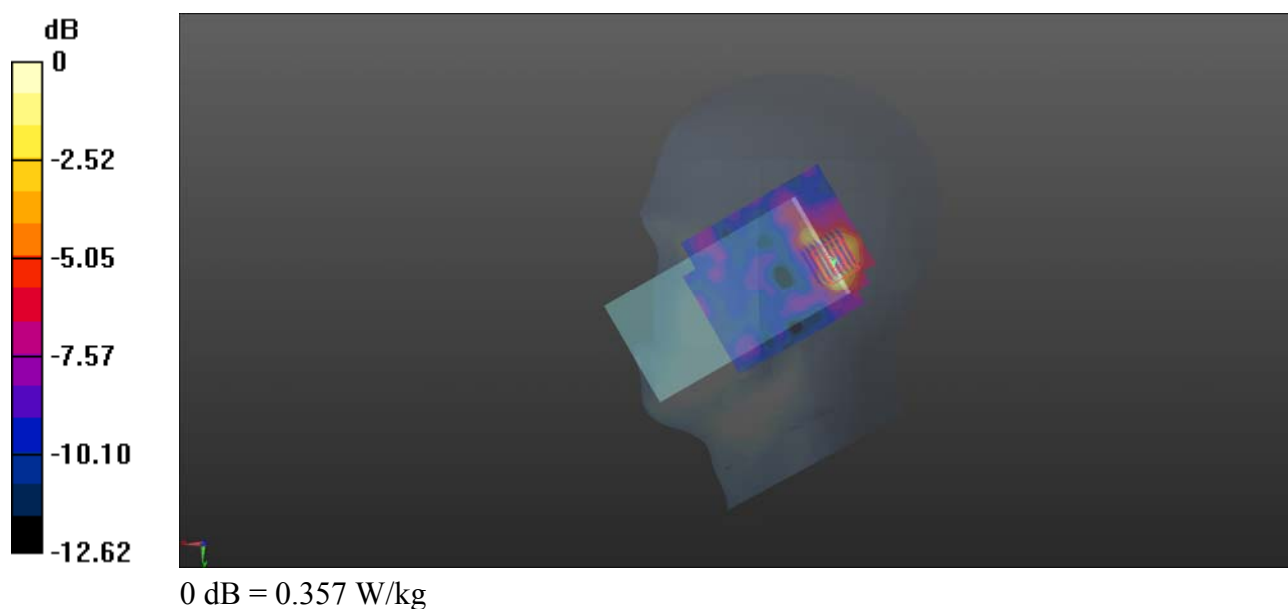Maximum value of SAR (interpolated) = 0.356 W/kg

Ch165/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.647 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.145 W/kg
Maximum value of SAR (measured) = 0.357 W/kg

0 dB = 0.357 W/kg

GSM850_GPRS(2 TX slots)_Back Side_10mm_Ch189

Communication System: UID 0, GSM850(class 10) (0); Frequency: 836.4 MHz;Duty Cycle: 1:4.15
Medium: HSL_835 Medium parameters used: f = 836.4 MHz; σ = 0.922 S/m; ε_r = 43.442; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

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)

Ch189/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
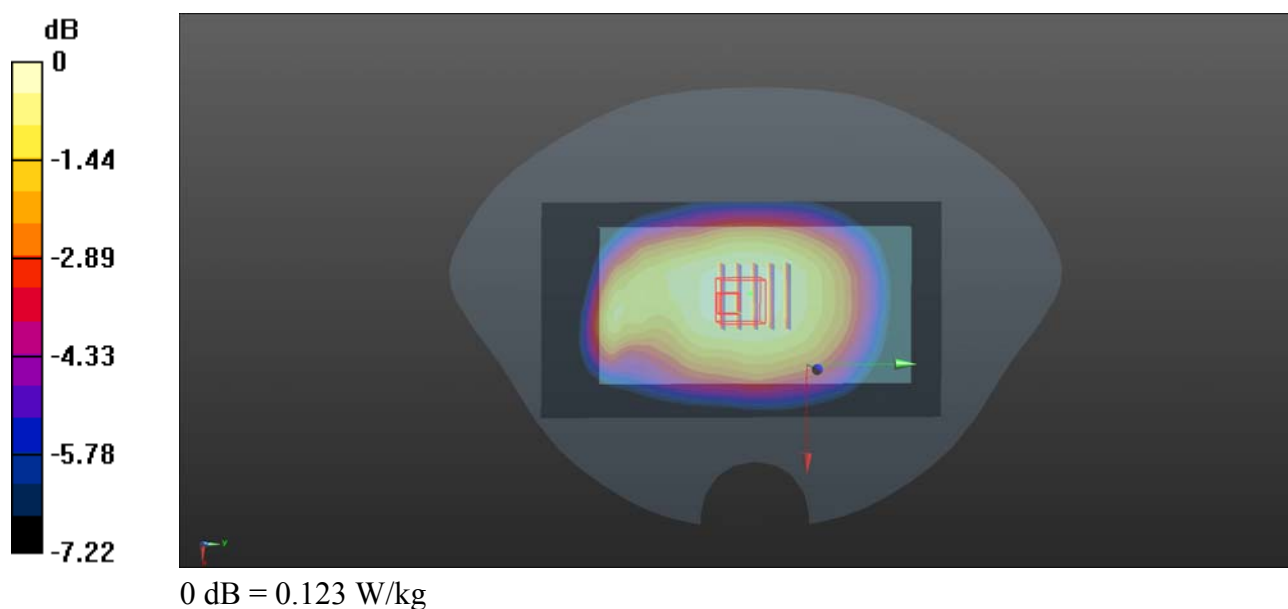Maximum value of SAR (interpolated) = 0.119 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.17 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.141 W/kg
SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.093 W/kg
Maximum value of SAR (measured) = 0.123 W/kg

0 dB = 0.123 W/kg

GSM1900_GPRS(4 TX slots)_Back Side_10mm_Ch661

Communication System: UID 0, PCS1900(class 12) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.366 S/m; ε_r = 40.167; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：22.3 ℃

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)

Ch661/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
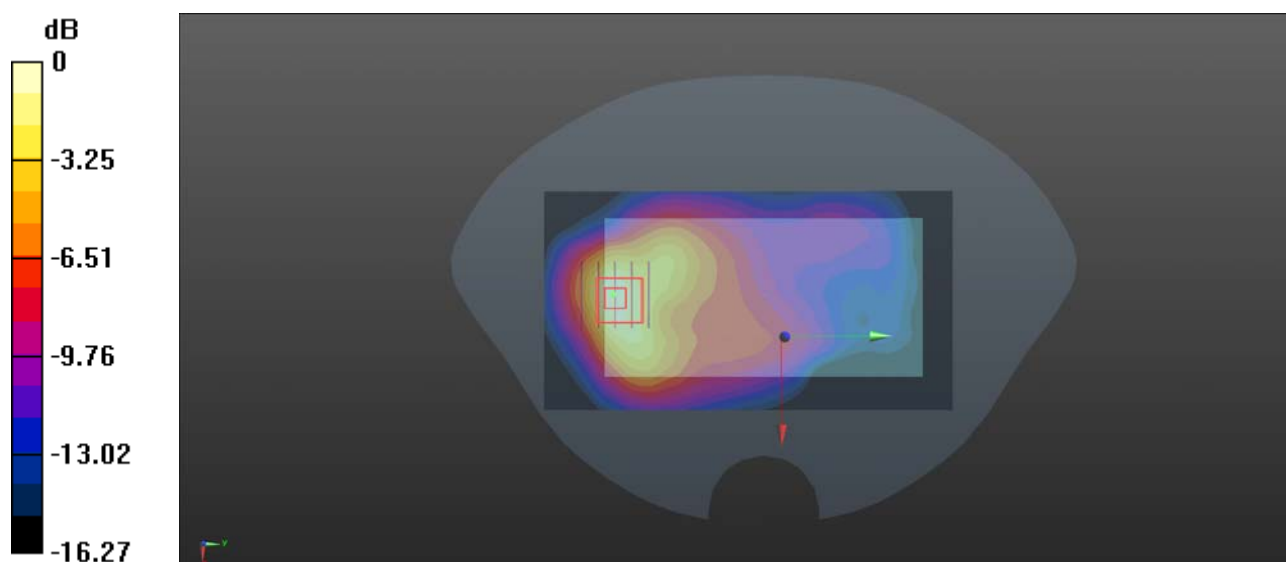Maximum value of SAR (interpolated) = 0.688 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.369 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.319 W/kg
Maximum value of SAR (measured) = 0.678 W/kg

0 dB = 0.678 W/kg

WCDMA Band II_RMC 12.2Kbps_Back Side_10mm_Ch9400

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.366 S/m; ε_r = 40.167; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：22.3 ℃

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)

Ch9400/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
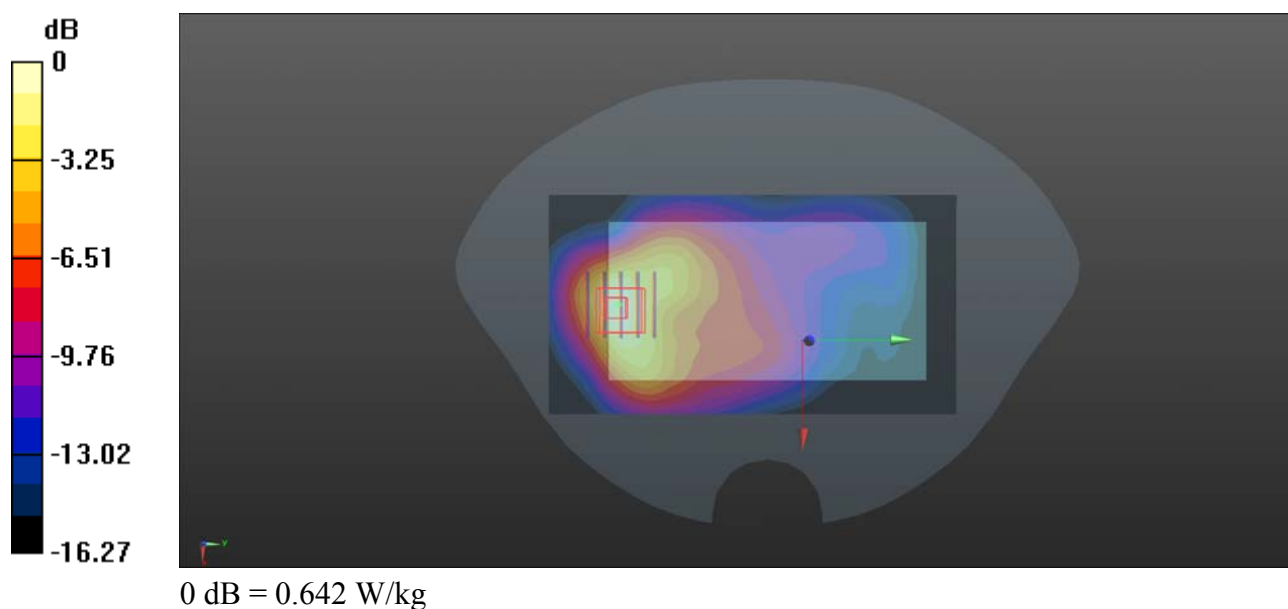Maximum value of SAR (interpolated) = 0.658 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.701 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.302 W/kg
Maximum value of SAR (measured) = 0.642 W/kg

0 dB = 0.642 W/kg

WCDMA Band V_RMC 12.2Kbps_Back Side_10mm_Ch4183

Communication System: UID 0, UMTS-FDD (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 837 MHz; σ = 0.905 S/m; ε_r = 40.944; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

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)

Ch4183/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
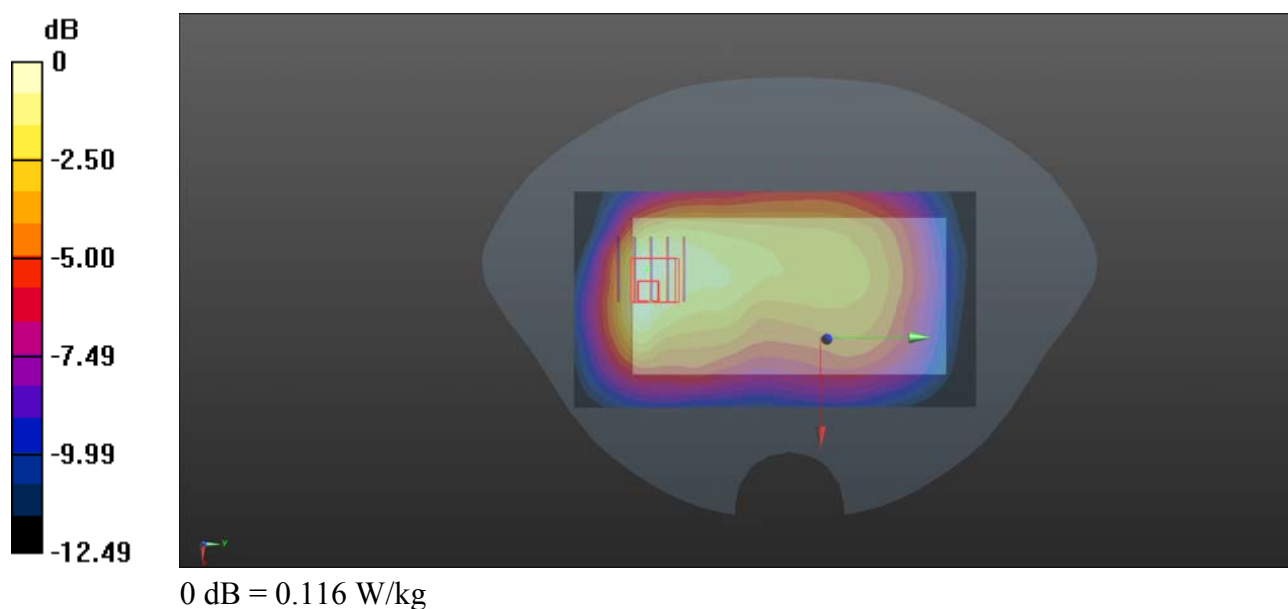Maximum value of SAR (interpolated) = 0.112 W/kg

Ch4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.030 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.179 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.065 W/kg
Maximum value of SAR (measured) = 0.116 W/kg

0 dB = 0.116 W/kg

CDMA2000 BC0_RC3 SO55_Back Side_10mm_Ch777

Communication System: UID 0, CDMA 2000 (0); Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 848.31 MHz; σ = 0.932 S/m; ε_r = 43.252; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

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)

Ch777/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
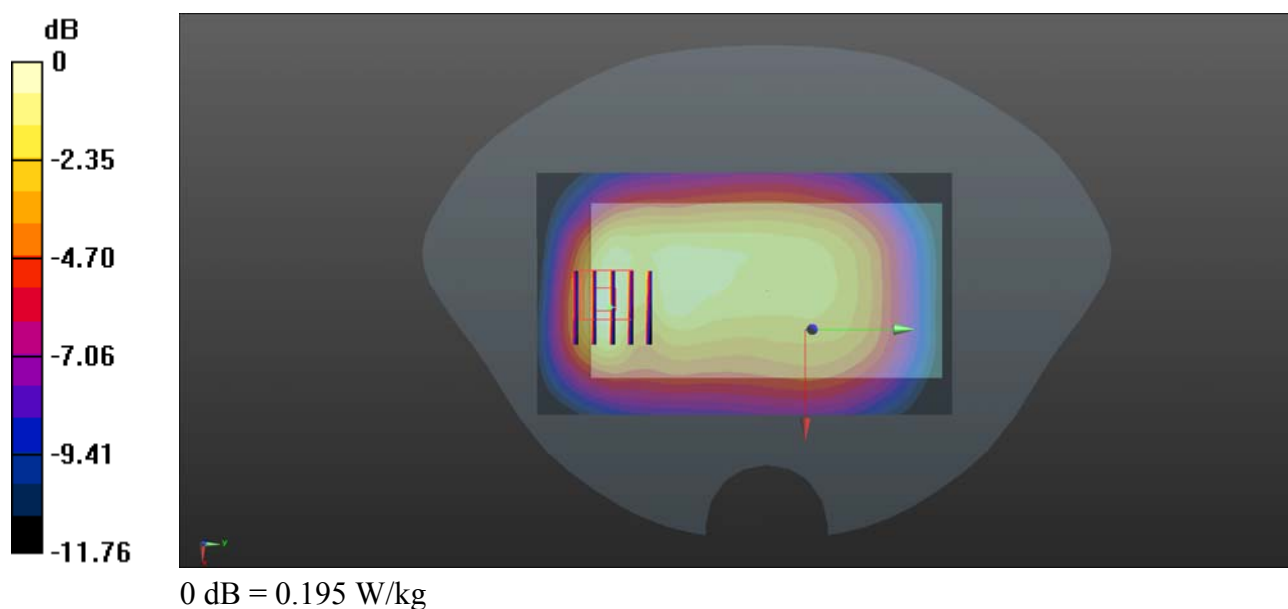Maximum value of SAR (interpolated) = 0.195 W/kg

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.48 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.087 W/kg
Maximum value of SAR (measured) = 0.150 W/kg

0 dB = 0.195 W/kg

LTE Band 5_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20600

Communication System: UID 0, LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 844 MHz; σ = 0.914 S/m; ε_r = 40.968; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

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)

Ch20600/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
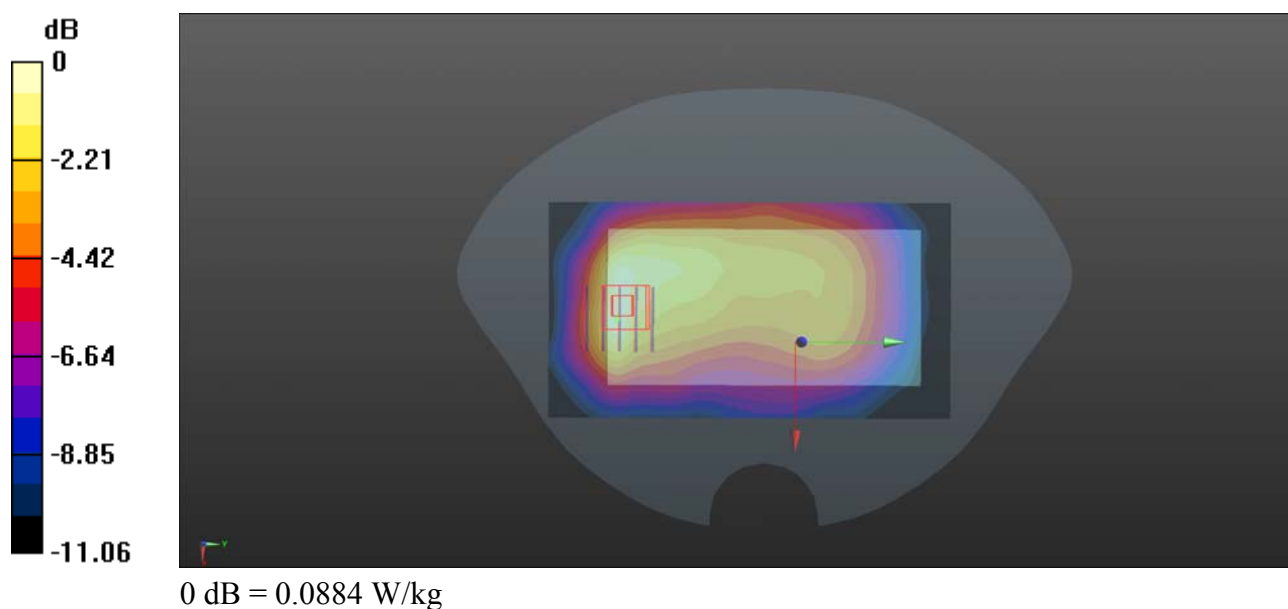Maximum value of SAR (interpolated) = 0.0855 W/kg

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.303 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.148 W/kg
SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.051 W/kg
Maximum value of SAR (measured) = 0.0884 W/kg

0 dB = 0.0884 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: HSL_2600 Medium parameters used: f = 2510 MHz; σ = 1.911 S/m; ε_r = 40.562; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(6.47, 6.47, 6.47); 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)

Ch20850/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.593 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.11 W/kg
SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.408 W/kg
Maximum value of SAR (measured) = 1.08 W/kg

0 dB = 1.08 W/kg

LTE Band 38_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch38000

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; σ = 1.997 S/m; ε_r = 40.154; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(6.47, 6.47, 6.47); 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)

Ch38000/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.515 W/kg

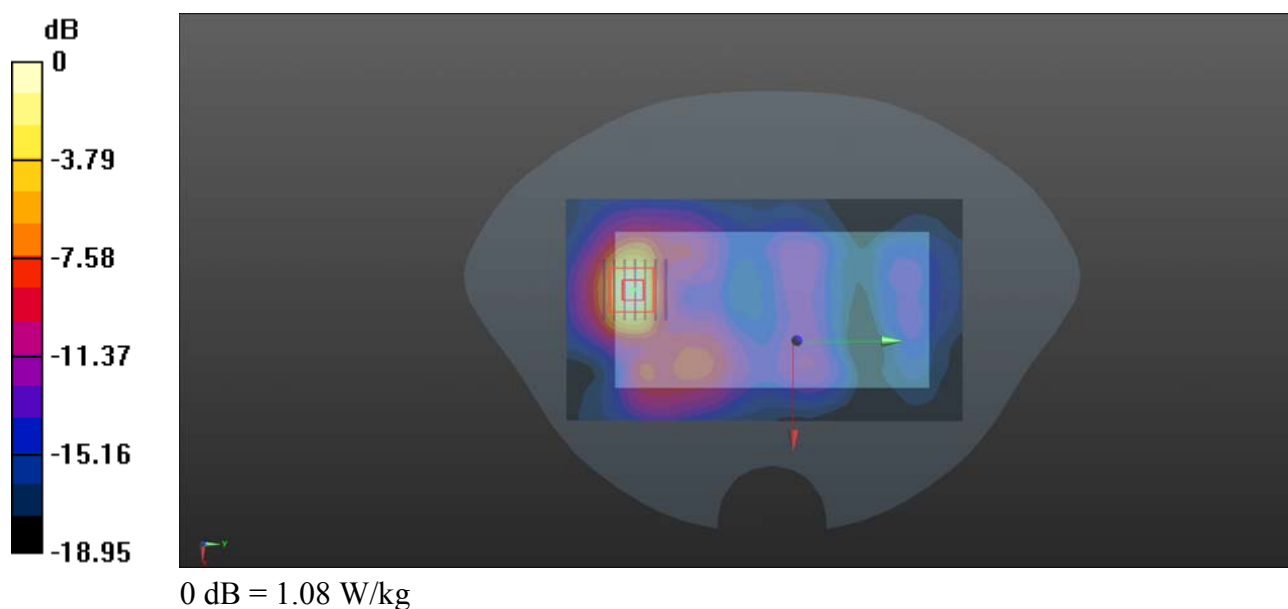**Ch38000/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.513 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.418 W/kg; SAR(10 g) = 0.186 W/kg
Maximum value of SAR (measured) = 0.462 W/kg

0 dB = 0.462 W/kg

LTE Band 40A_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch38750

Communication System: UID 0, LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1.59
Medium: HSL_2300 Medium parameters used: f = 2310 MHz; σ = 1.707 S/m; ε_r = 41.263; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(6.9, 6.9, 6.9); 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)

Ch38750/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
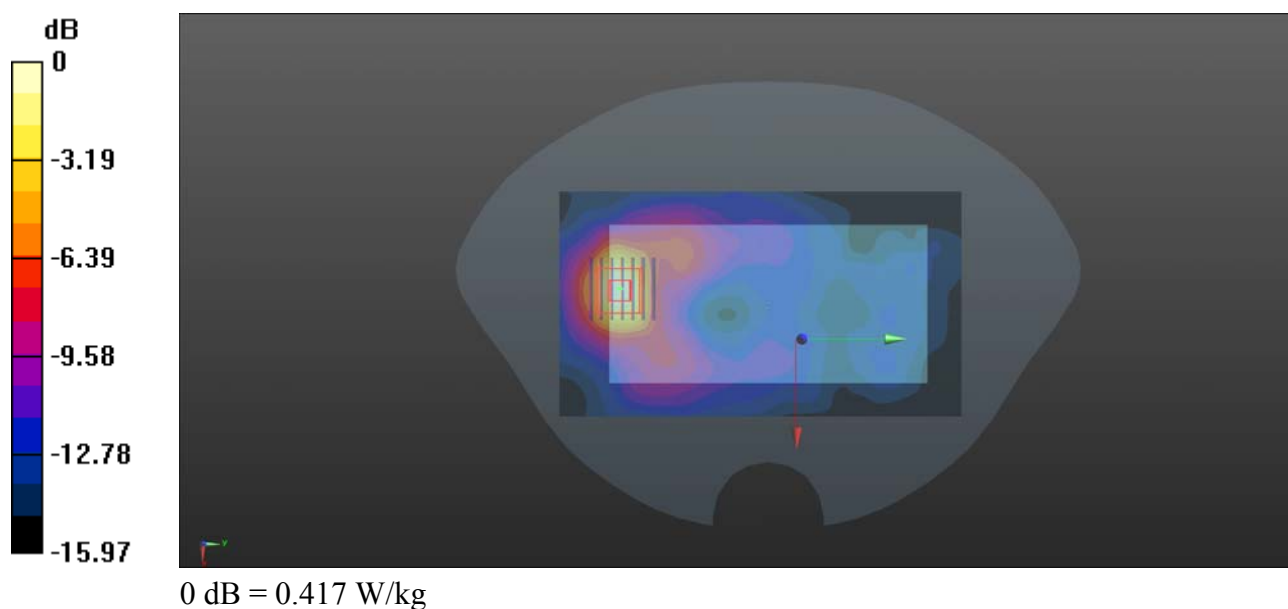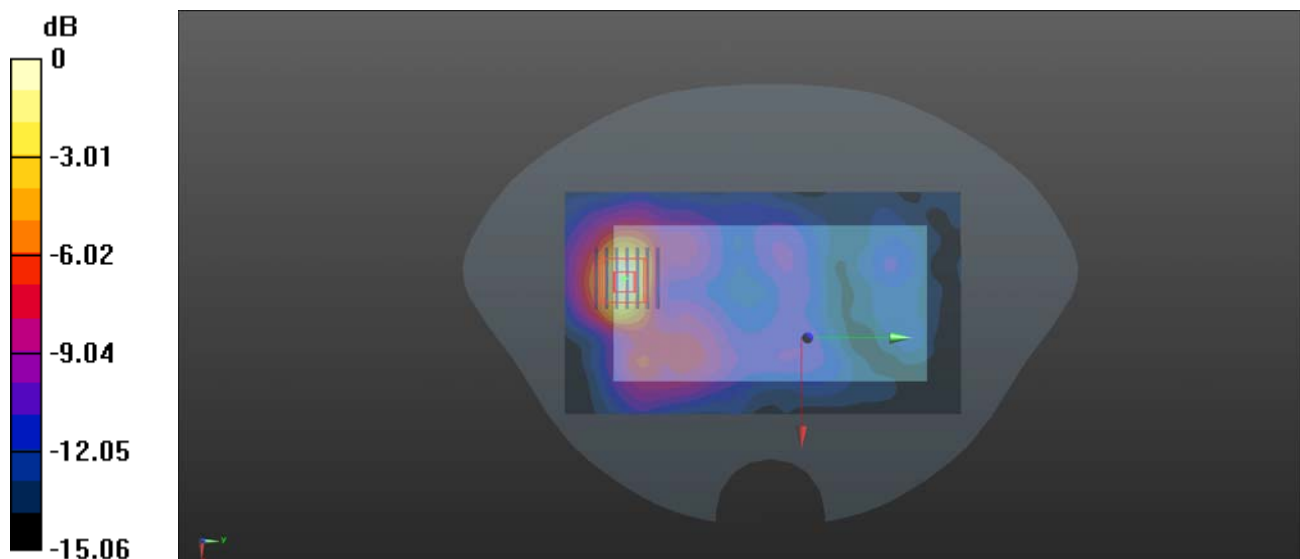Maximum value of SAR (interpolated) = 0.400 W/kg

Ch38750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.023 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.805 W/kg
SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.162 W/kg
Maximum value of SAR (measured) = 0.417 W/kg

0 dB = 0.417 W/kg

LTE Band 40B_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch39200

Communication System: UID 0, LTE (0); Frequency: 2355 MHz;Duty Cycle: 1:1.59
Medium: HSL_2300 Medium parameters used: f = 2355 MHz; σ = 1.742 S/m; ε_r = 41.172; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(6.9, 6.9, 6.9); 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)

Ch39200/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
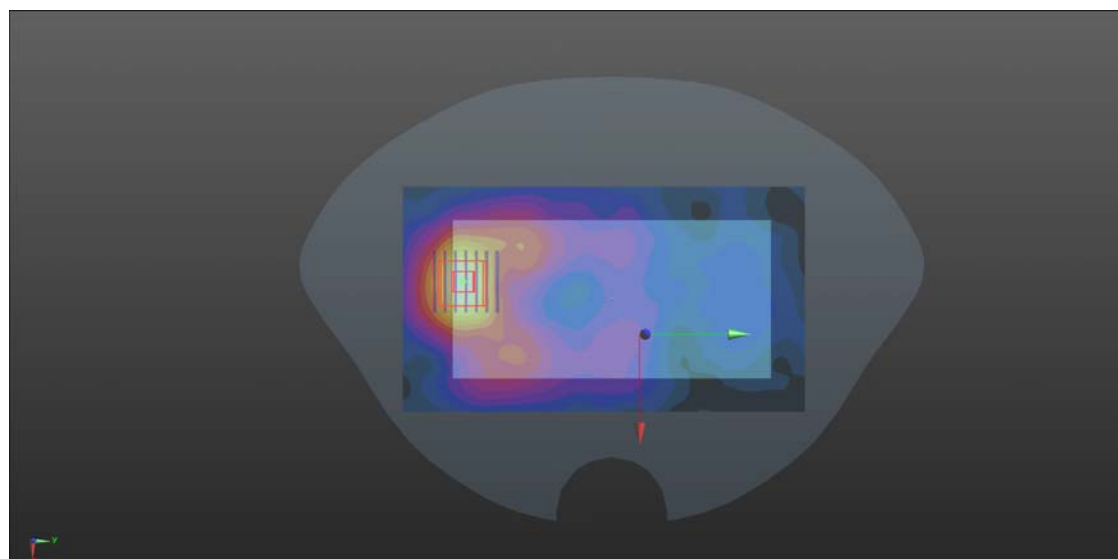Maximum value of SAR (interpolated) = 0.447 W/kg

Ch39200/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.959 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.174 W/kg
Maximum value of SAR (measured) = 0.420 W/kg

0 dB = 0.420 W/kg

LTE Band 41_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch40870

Communication System: UID 0, LTE (0); Frequency: 2618 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600 Medium parameters used: f = 2618 MHz; σ = 2.026 S/m; ε_r = 40.061; ρ = 1000 kg/m^3

Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(6.47, 6.47, 6.47); 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)

Ch40870/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
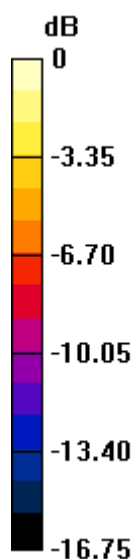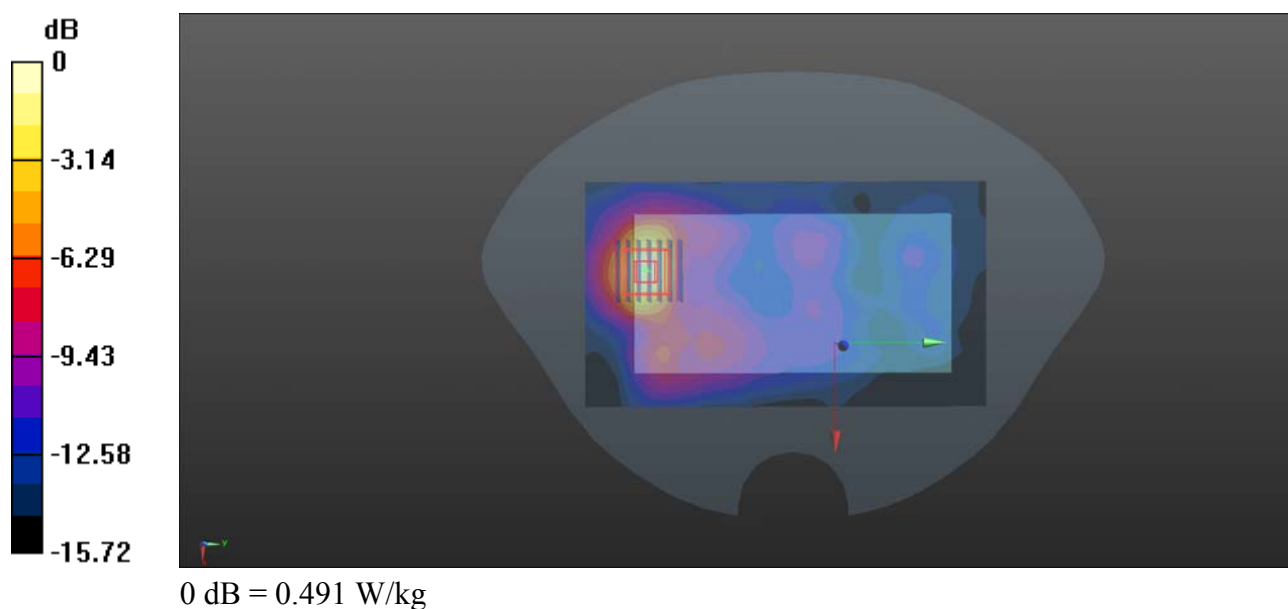Maximum value of SAR (interpolated) = 0.528 W/kg

Ch40870/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.992 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.191 W/kg
Maximum value of SAR (measured) = 0.491 W/kg

0 dB = 0.491 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 (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
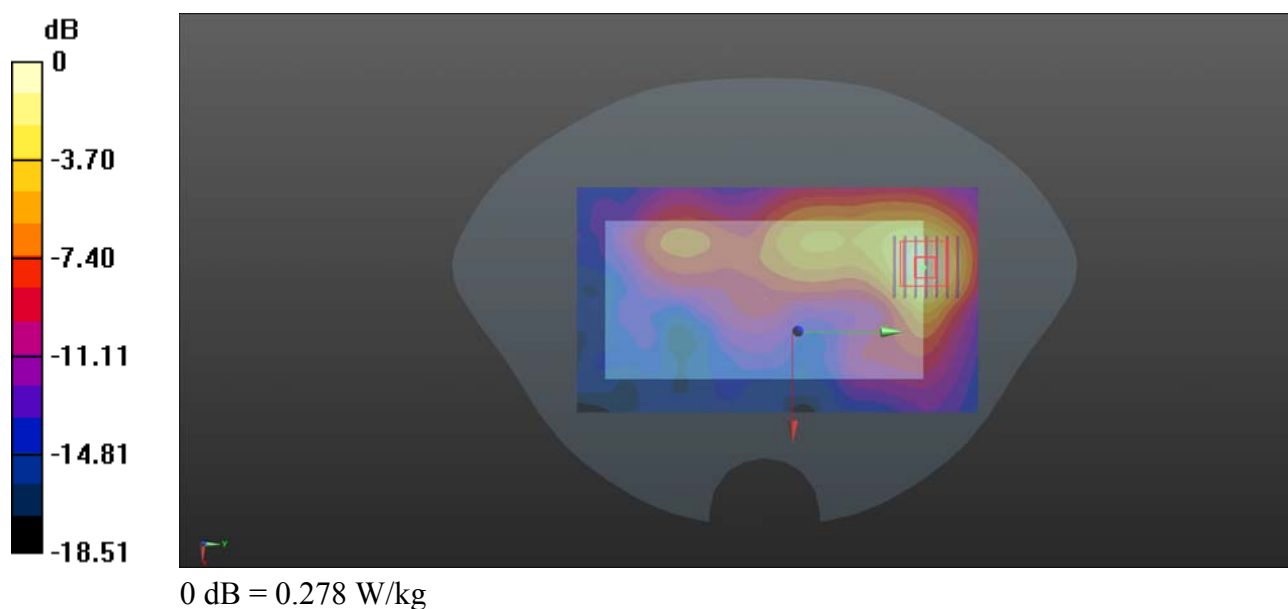Maximum value of SAR (interpolated) = 0.285 W/kg

Ch13/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.581 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.501 W/kg
SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.125 W/kg
Maximum value of SAR (measured) = 0.278 W/kg

0 dB = 0.278 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: HSL_5250 Medium parameters used: f = 5180 MHz; σ = 4.463 S/m; ε_r = 35.06; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(4.99, 4.99, 4.99); 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)

Ch36/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
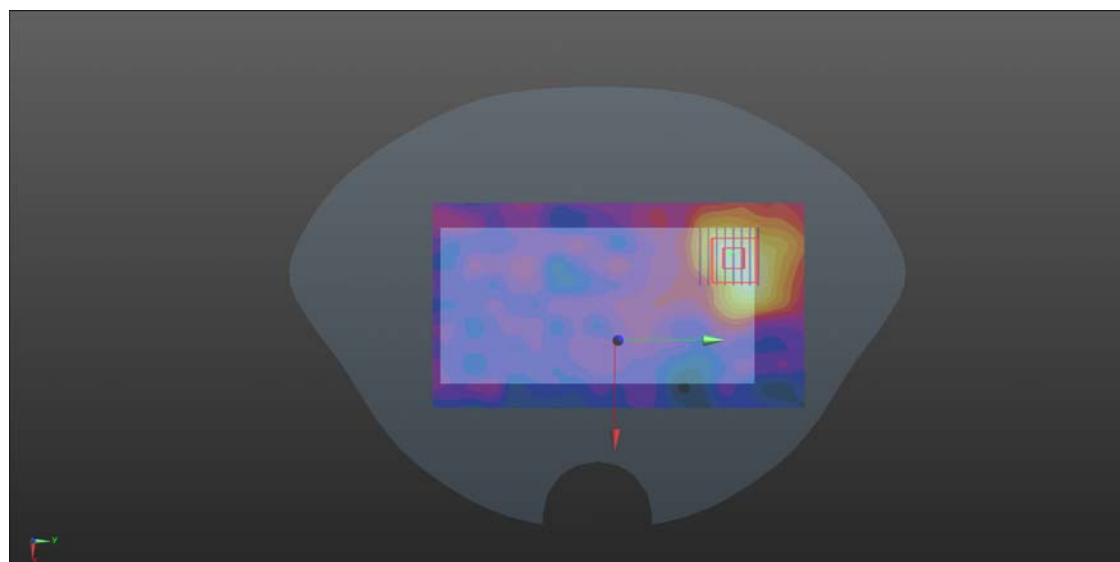Maximum value of SAR (interpolated) = 0.251 W/kg

Ch36/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.447 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.125 W/kg
Maximum value of SAR (measured) = 0.250 W/kg
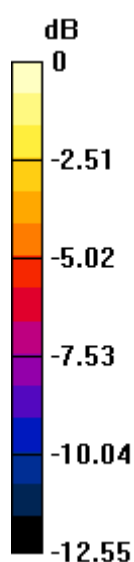
0 dB = 0.250 W/kg

WLAN 5GHz Band 2_802.11a 6Mbps_Back Side_10mm_Ch60

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: HSL_5250 Medium parameters used: f = 5300 MHz; σ = 4.583 S/m; ε_r = 34.906; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(4.99, 4.99, 4.99); 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)

Ch60/Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.313 W/kg

Ch60/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.934 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.981 W/kg
SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.142 W/kg
Maximum value of SAR (measured) = 0.318 W/kg

0 dB = 0.318 W/kg
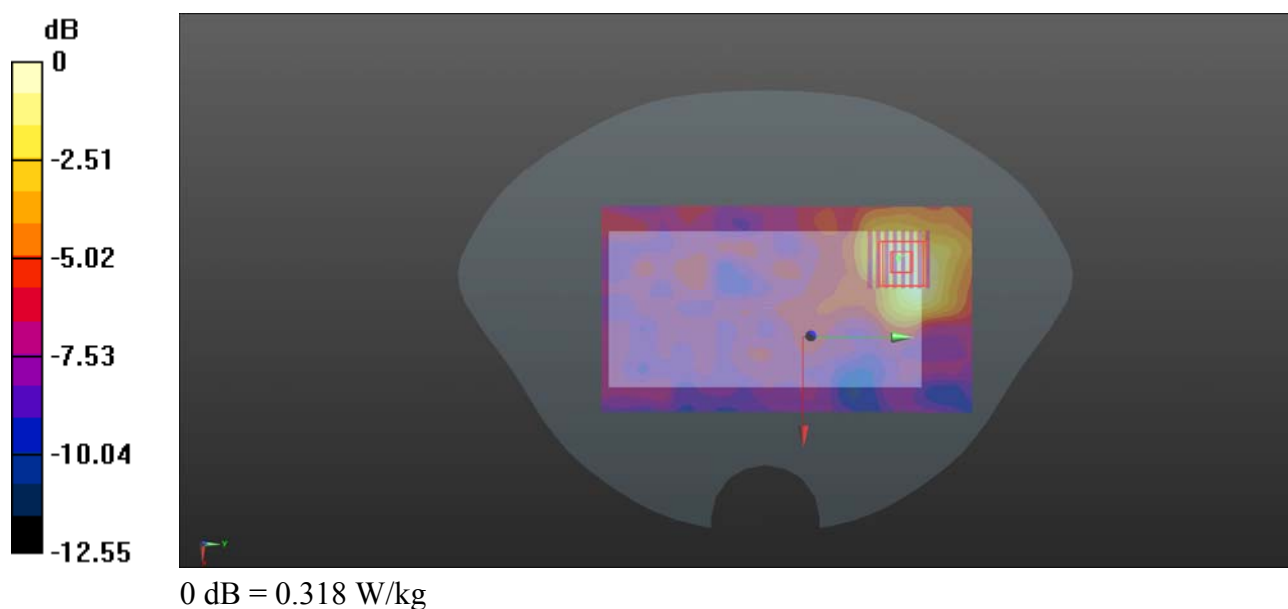
WLAN 5GHz Band 3_802.11a 6Mbps_Back Side_10mm_Ch144

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5720 MHz;Duty Cycle: 1:1
Medium: HSL_5750 Medium parameters used: f = 5720 MHz; σ = 4.999 S/m; ε_r = 34.322; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(4.29, 4.29, 4.29); 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)

Ch144/Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
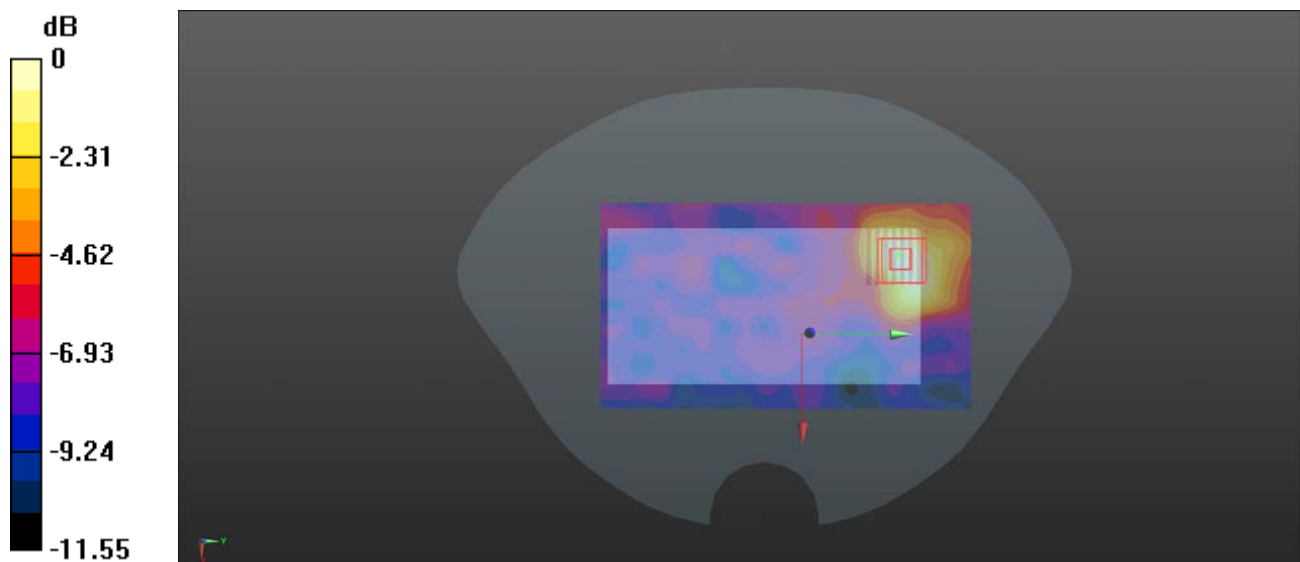Maximum value of SAR (interpolated) = 0.212 W/kg

Ch144/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.164 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.129 W/kg
Maximum value of SAR (measured) = 0.237 W/kg

0 dB = 0.237 W/kg

WLAN 5GHz Band 4_802.11a 6Mbps_Back Side_10mm_Ch165

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5825 MHz;Duty Cycle: 1:1
Medium: HSL_5750 Medium parameters used: f = 5825 MHz; σ = 5.105 S/m; ε_r = 34.176; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(4.29, 4.29, 4.29); 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)

Ch165/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
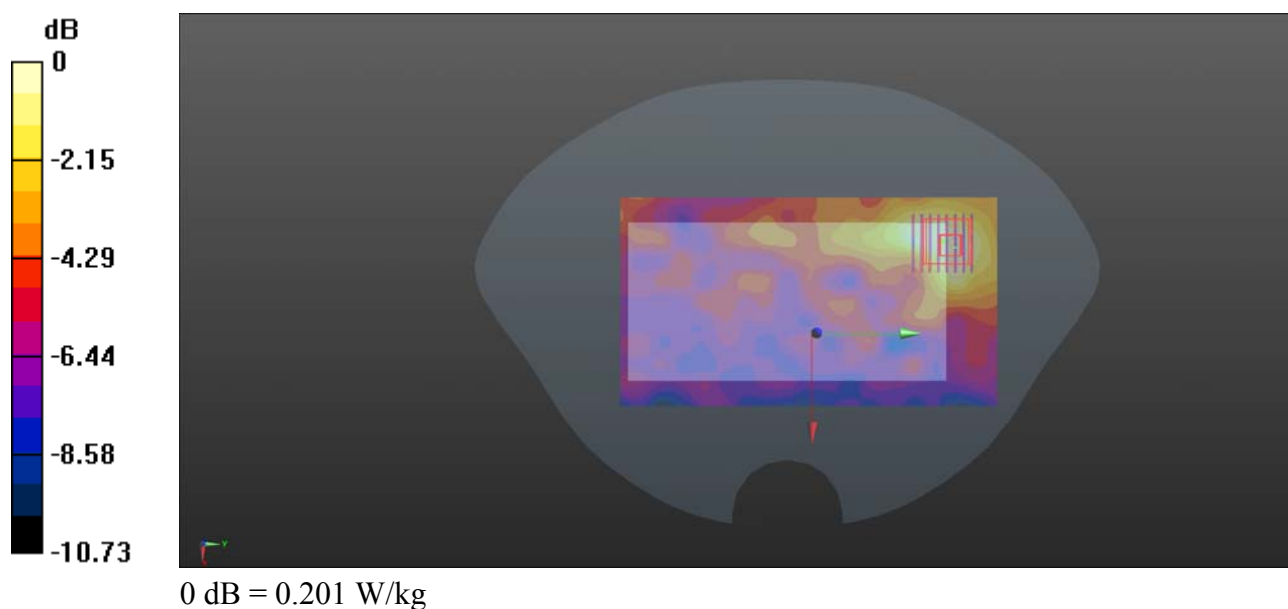Maximum value of SAR (interpolated) = 0.215 W/kg

Ch165/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.855 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.629 W/kg
SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.103 W/kg
Maximum value of SAR (measured) = 0.201 W/kg

0 dB = 0.201 W/kg

GSM850_GPRS(2 TX slots)_Back Side_10mm_Ch189

Communication System: UID 0, GSM850(class 10) (0); Frequency: 836.4 MHz;Duty Cycle: 1:4.15
Medium: HSL_835 Medium parameters used: f = 836.4 MHz; σ = 0.922 S/m; ε_r = 43.442; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

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)

Ch189/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
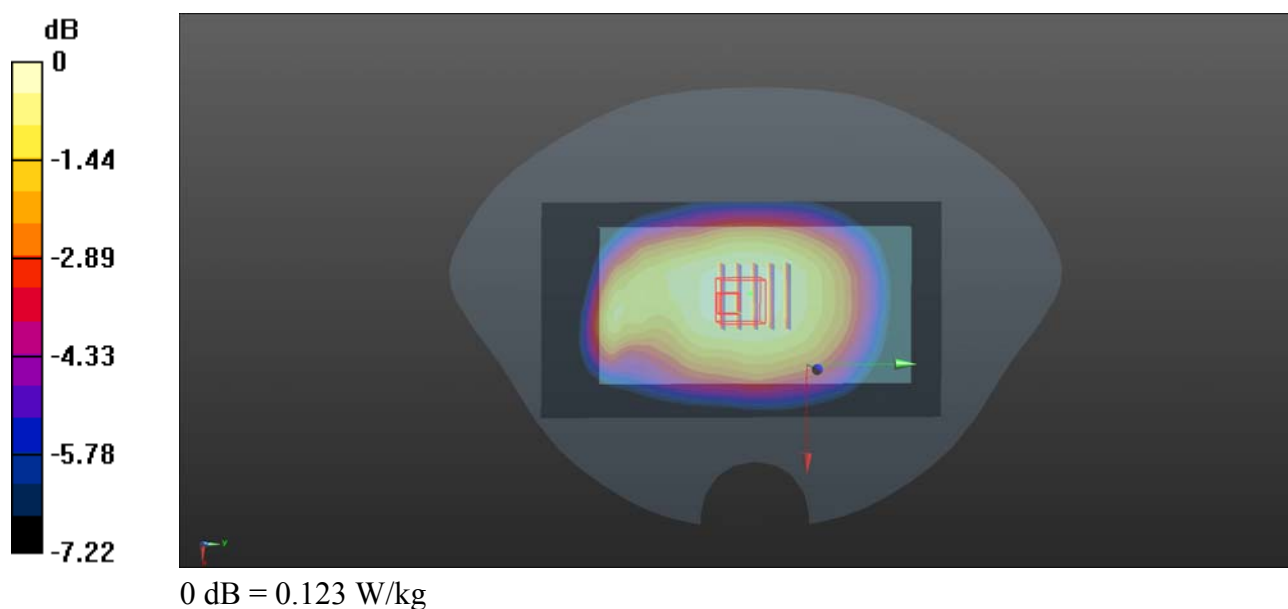Maximum value of SAR (interpolated) = 0.119 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.17 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.141 W/kg
SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.093 W/kg
Maximum value of SAR (measured) = 0.123 W/kg

0 dB = 0.123 W/kg

GSM1900_GPRS(4 TX slots)_Back Side_10mm_Ch661

Communication System: UID 0, PCS1900(class 12) (0); Frequency: 1880 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.366 S/m; ε_r = 40.167; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：22.3 ℃

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)

Ch661/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
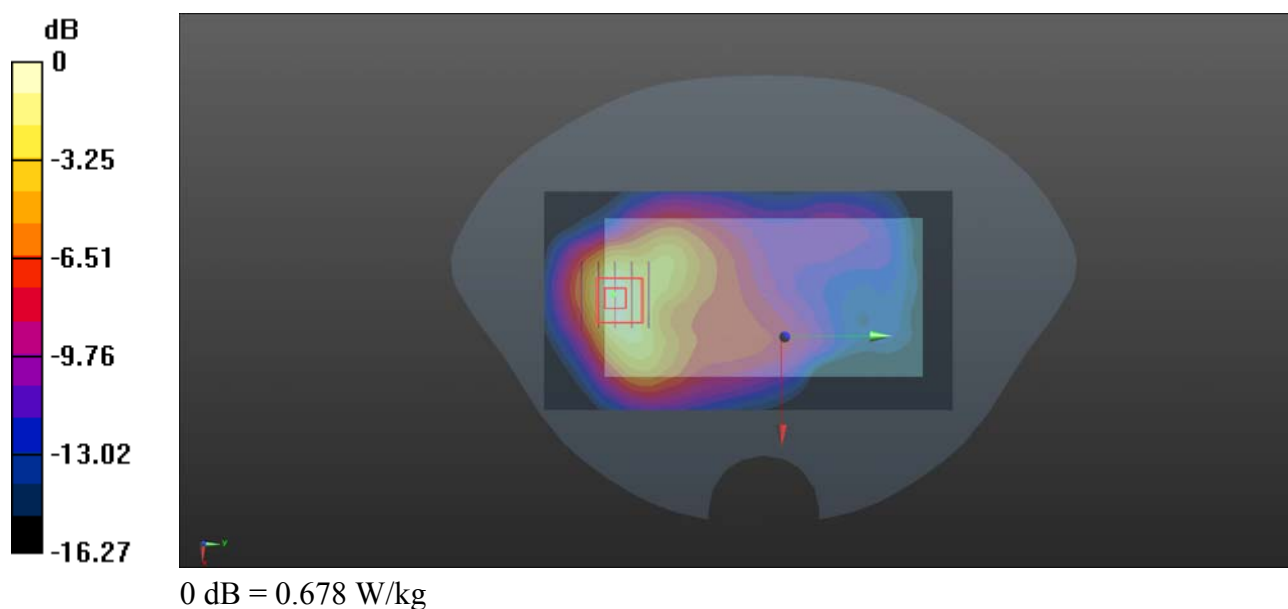Maximum value of SAR (interpolated) = 0.688 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.369 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.319 W/kg
Maximum value of SAR (measured) = 0.678 W/kg

0 dB = 0.678 W/kg

WCDMA Band II_RMC 12.2Kbps_Back Side_10mm_Ch9400

Communication System: UID 0, UMTS-FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: f = 1880 MHz; σ = 1.366 S/m; ε_r = 40.167; ρ = 1000 kg/m^3
Ambient Temperature：23.1 ℃；Liquid Temperature：22.3 ℃

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)

Ch9400/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
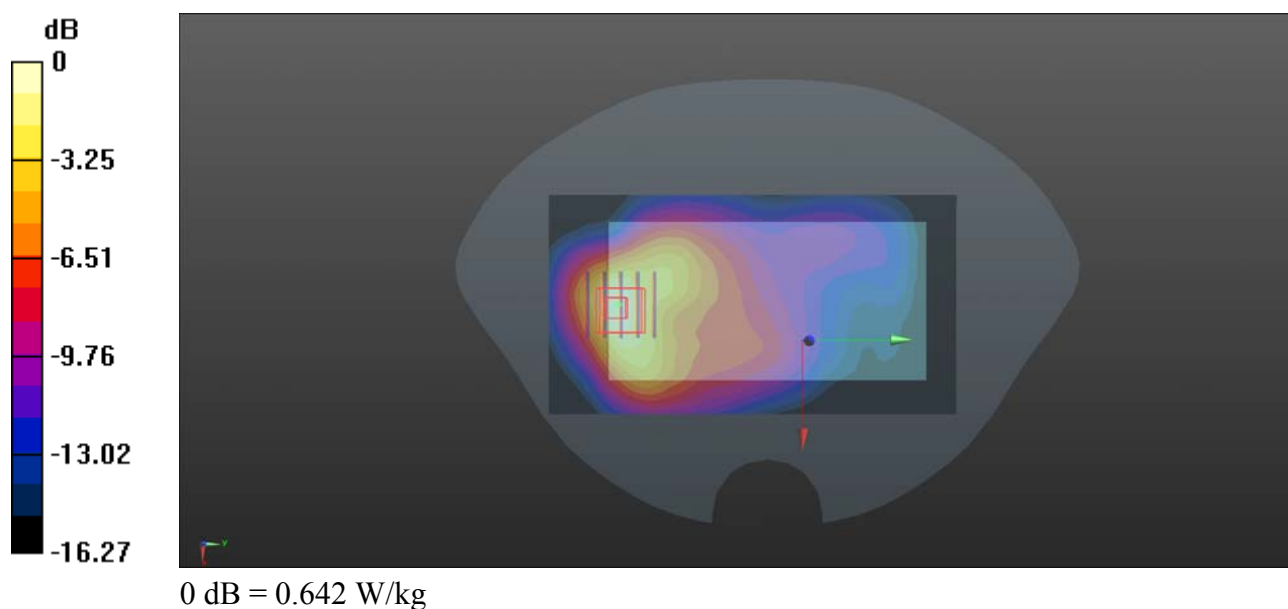Maximum value of SAR (interpolated) = 0.658 W/kg

Ch9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.701 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.302 W/kg
Maximum value of SAR (measured) = 0.642 W/kg

0 dB = 0.642 W/kg

WCDMA Band V_RMC 12.2Kbps_Back Side_10mm_Ch4183

Communication System: UID 0, UMTS-FDD (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 837 MHz; σ = 0.905 S/m; ε_r = 40.944; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

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)

Ch4183/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
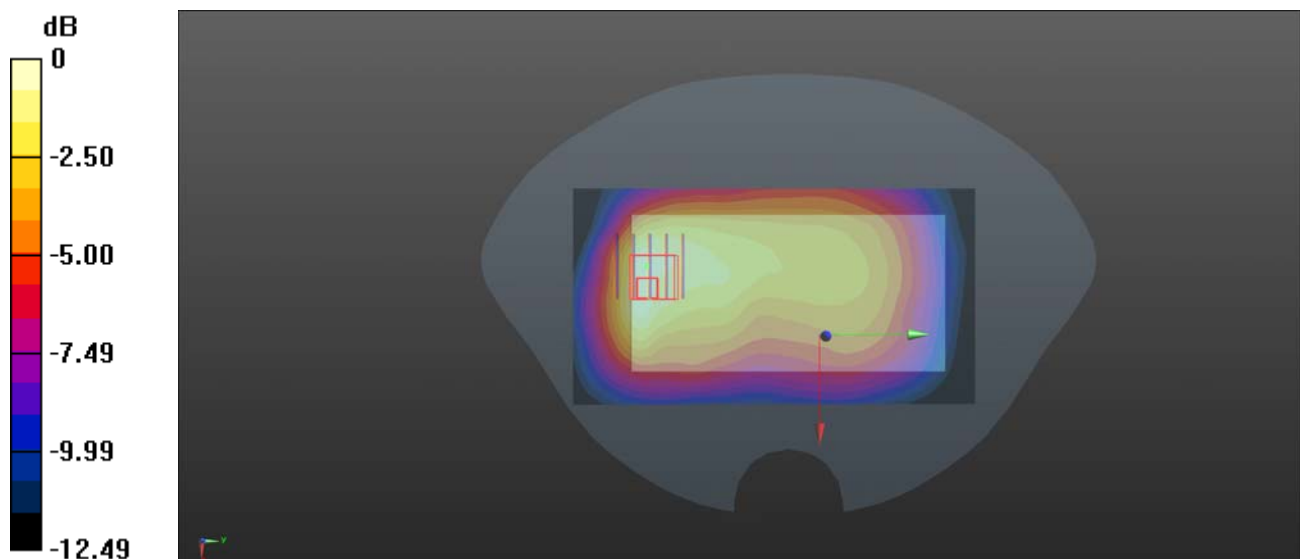Maximum value of SAR (interpolated) = 0.112 W/kg

Ch4183/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.030 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.179 W/kg
SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.065 W/kg
Maximum value of SAR (measured) = 0.116 W/kg

0 dB = 0.116 W/kg

CDMA2000 BC0_RTAP 153.6Kbps_Back Side_10mm_Ch777

Communication System: UID 0, CDMA 2000 (0); Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 848.31 MHz; σ = 0.932 S/m; ε_r = 43.252; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

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)

Ch777/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
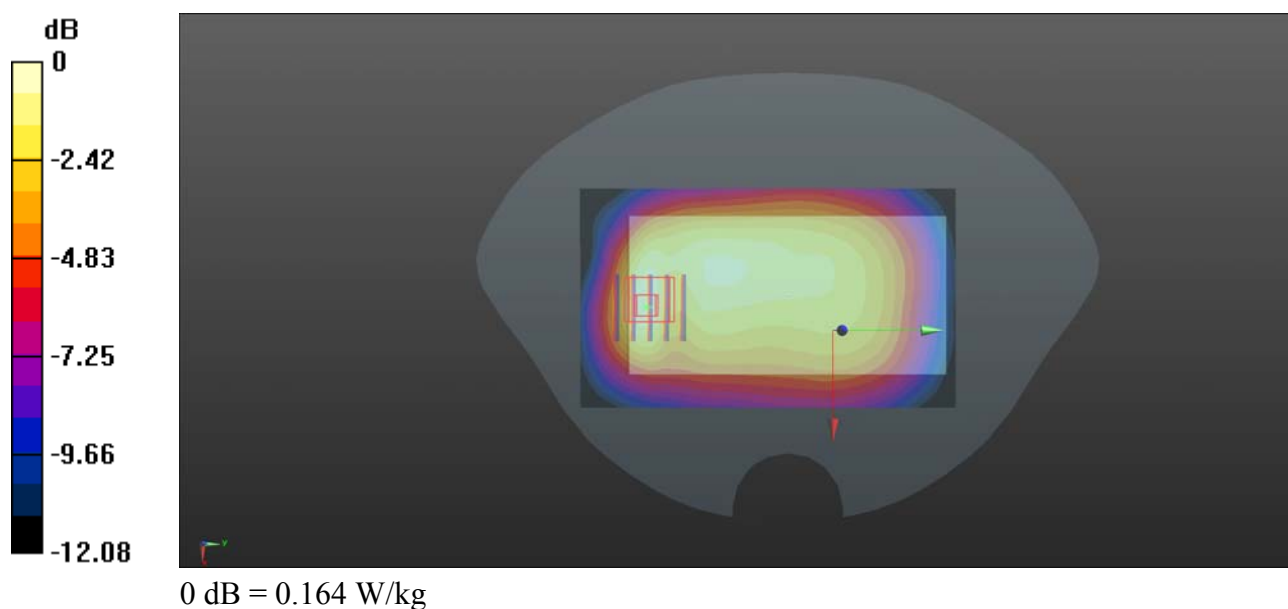Maximum value of SAR (interpolated) = 0.167 W/kg

Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.14 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.242 W/kg
SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.088 W/kg
Maximum value of SAR (measured) = 0.164 W/kg

0 dB = 0.164 W/kg

LTE Band 5_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch20600

Communication System: UID 0, LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: f = 844 MHz; σ = 0.914 S/m; ε_r = 40.968; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

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)

Ch20600/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
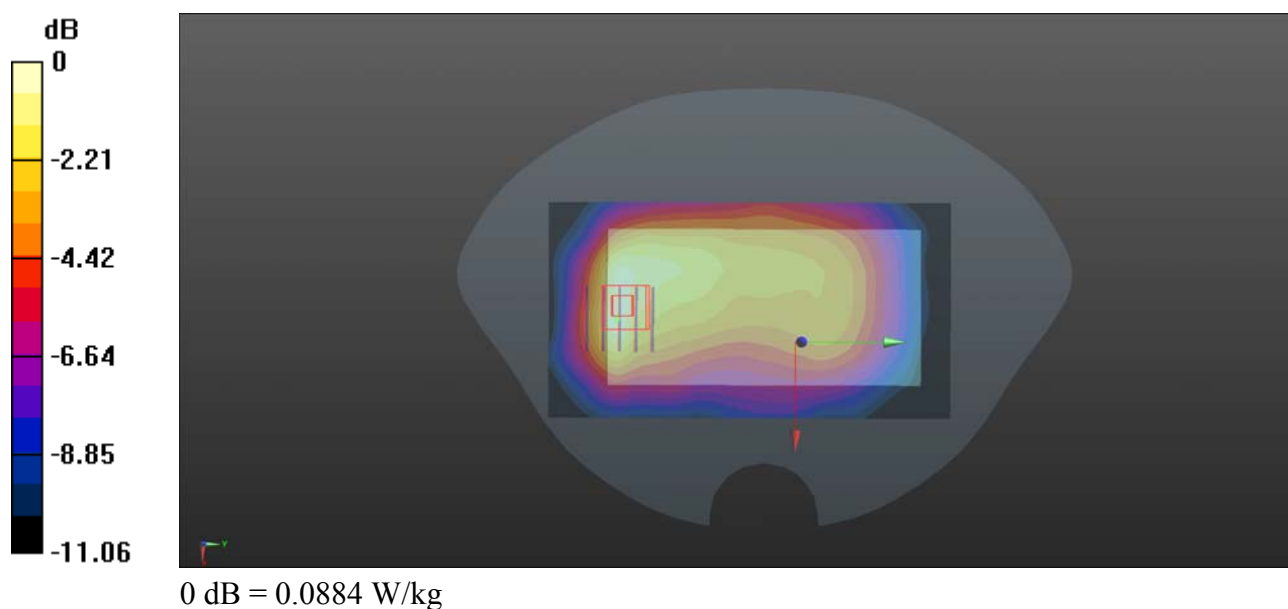Maximum value of SAR (interpolated) = 0.0855 W/kg

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.303 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.148 W/kg
SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.051 W/kg
Maximum value of SAR (measured) = 0.0884 W/kg

0 dB = 0.0884 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: HSL_2600 Medium parameters used: f = 2510 MHz; σ = 1.911 S/m; ε_r = 40.562; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(6.47, 6.47, 6.47); 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)

Ch20850/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
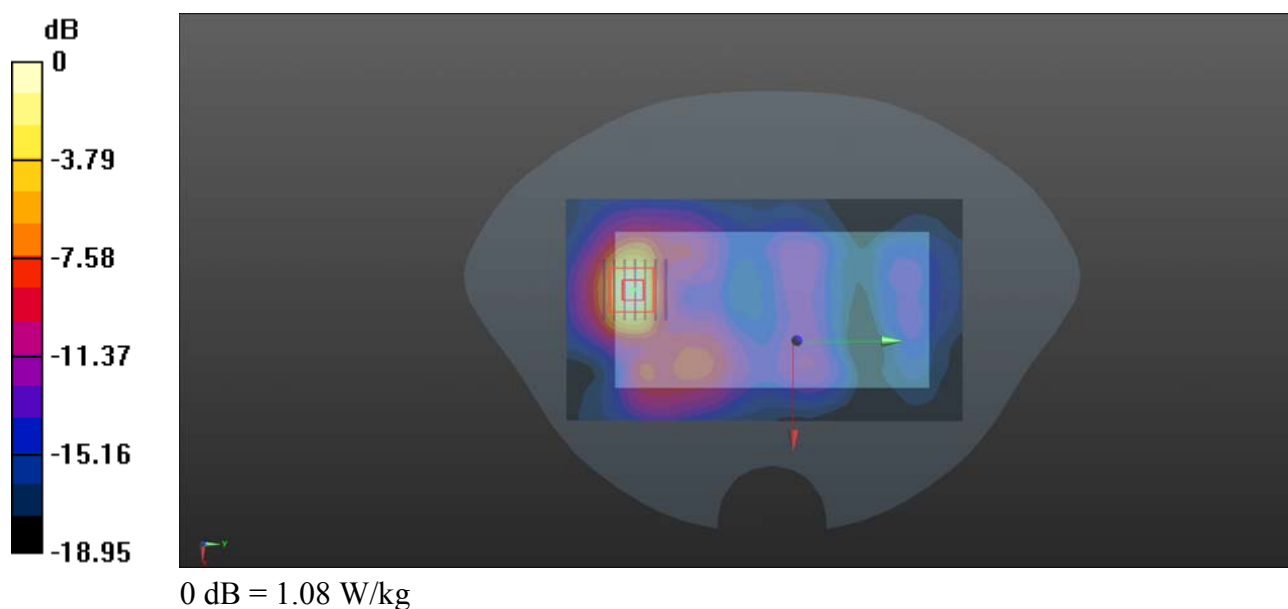Maximum value of SAR (interpolated) = 1.23 W/kg

Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.593 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.11 W/kg
SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.408 W/kg
Maximum value of SAR (measured) = 1.08 W/kg

0 dB = 1.08 W/kg

LTE Band 38_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch38000

Communication System: UID 0, LTE (0); Frequency: 2595 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2595 MHz; σ = 1.997 S/m; ε_r = 40.154; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(6.47, 6.47, 6.47); 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)

Ch38000/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
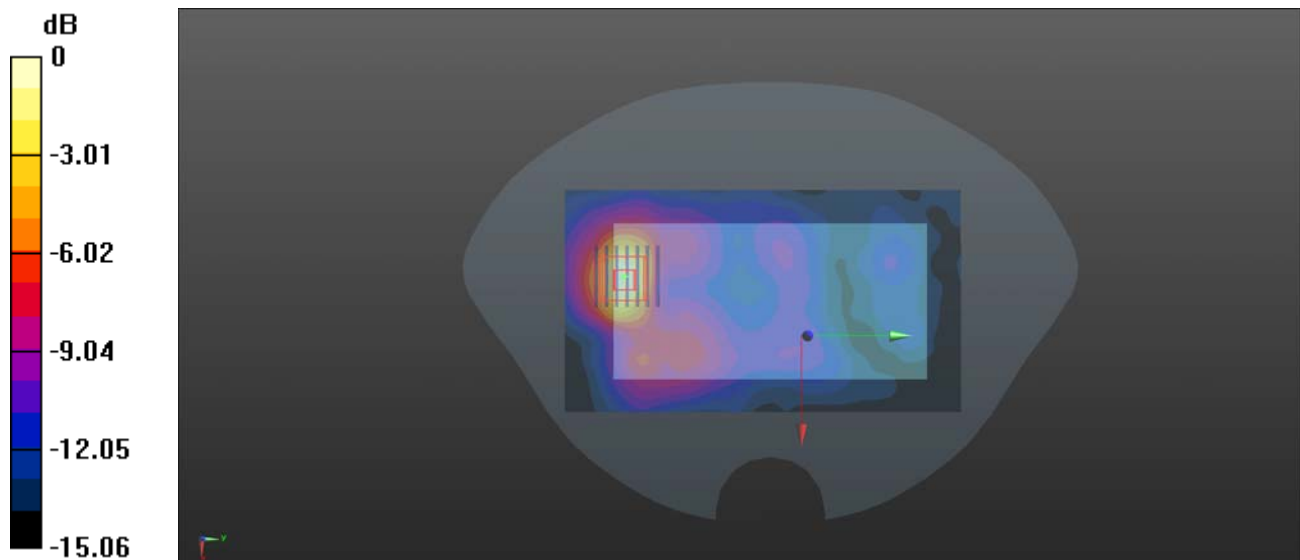Maximum value of SAR (interpolated) = 0.515 W/kg

Ch38000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.513 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.418 W/kg; SAR(10 g) = 0.186 W/kg
Maximum value of SAR (measured) = 0.462 W/kg

0 dB = 0.462 W/kg

LTE Band 40A_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch38750

Communication System: UID 0, LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1.59
Medium: HSL_2300 Medium parameters used: f = 2310 MHz; σ = 1.707 S/m; ε_r = 41.263; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(6.9, 6.9, 6.9); 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)

Ch38750/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
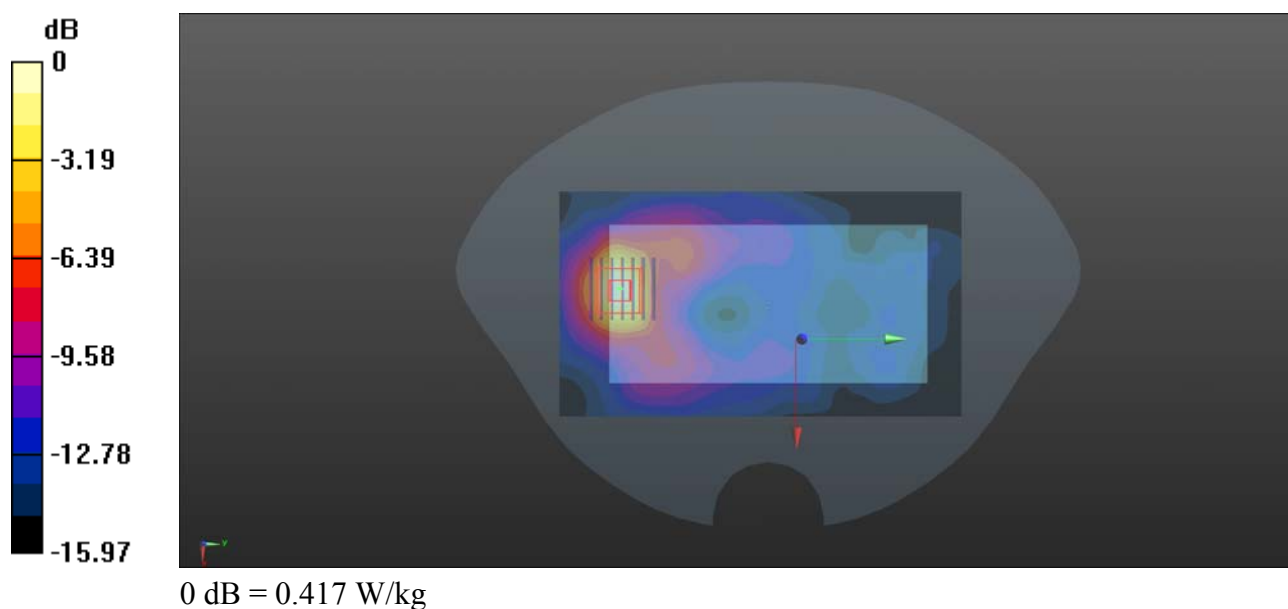Maximum value of SAR (interpolated) = 0.400 W/kg

Ch38750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.023 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.805 W/kg
SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.162 W/kg
Maximum value of SAR (measured) = 0.417 W/kg

0 dB = 0.417 W/kg

LTE Band 40B_10MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch39200

Communication System: UID 0, LTE (0); Frequency: 2355 MHz;Duty Cycle: 1:1.59
Medium: HSL_2300 Medium parameters used: f = 2355 MHz; σ = 1.742 S/m; ε_r = 41.172; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(6.9, 6.9, 6.9); 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)

Ch39200/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
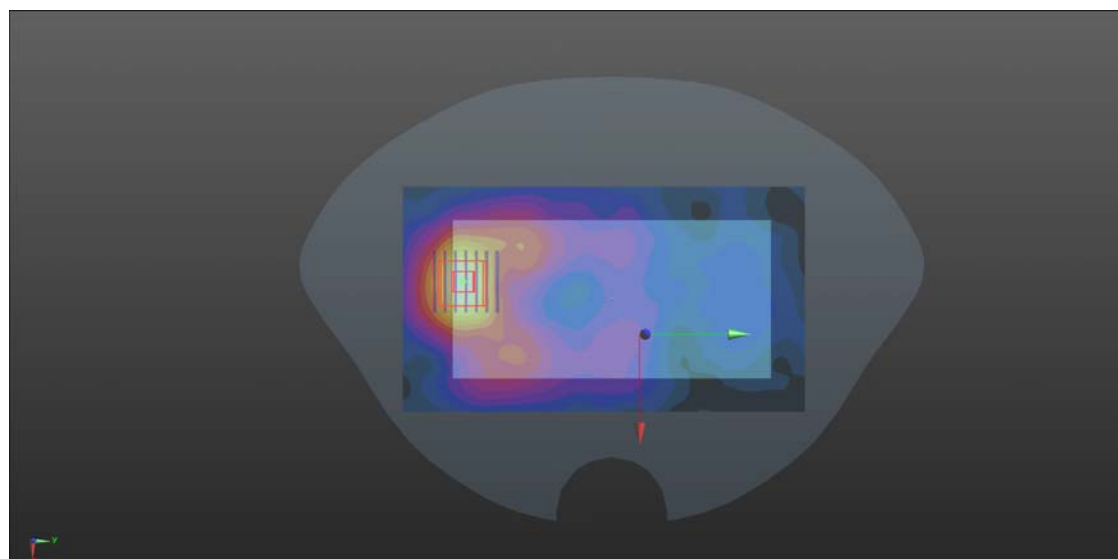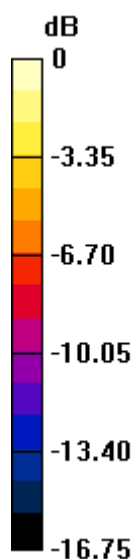Maximum value of SAR (interpolated) = 0.447 W/kg

Ch39200/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.959 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.827 W/kg
SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.174 W/kg
Maximum value of SAR (measured) = 0.420 W/kg

0 dB = 0.420 W/kg

LTE Band 41_20MHz_QPSK_1RB_0Offset_Back Side_10mm_Ch40870

Communication System: UID 0, LTE (0); Frequency: 2618 MHz;Duty Cycle: 1:1.59
Medium: HSL_2600 Medium parameters used: f = 2618 MHz; σ = 2.026 S/m; ε_r = 40.061; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3685; ConvF(6.47, 6.47, 6.47); 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)

Ch40870/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
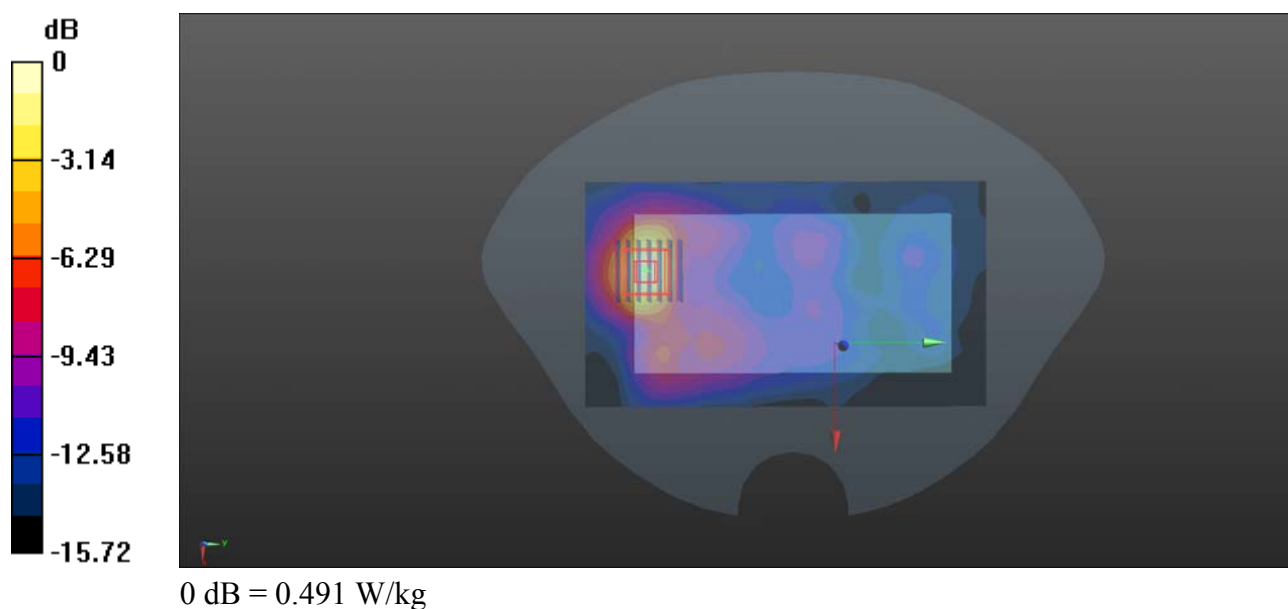Maximum value of SAR (interpolated) = 0.528 W/kg

Ch40870/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.992 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.191 W/kg
Maximum value of SAR (measured) = 0.491 W/kg

0 dB = 0.491 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 (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.285 W/kg

Ch13/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.581 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.501 W/kg
SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.125 W/kg
Maximum value of SAR (measured) = 0.278 W/kg

0 dB = 0.278 W/kg