

#01_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch189

Communication System: GSM850 ; Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: HSL_850_191107 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 42.946$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 836.4 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.302 W/kg

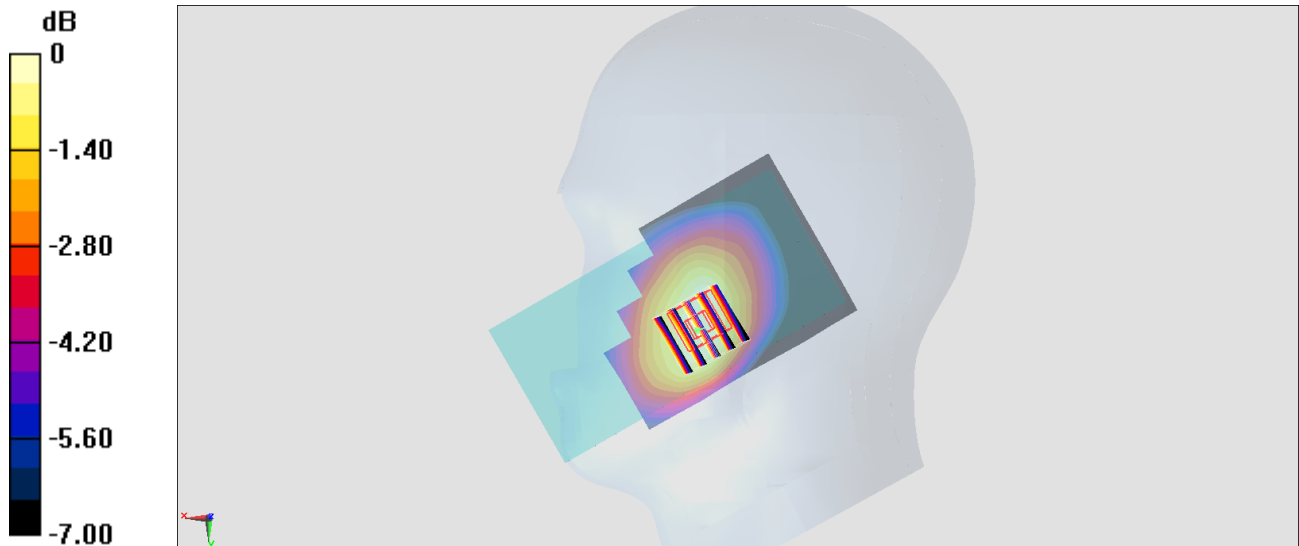
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.008 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.201 W/kg

Maximum value of SAR (measured) = 0.293 W/kg



0 dB = 0.293 W/kg = -5.33 dBW/kg

#02_GSM1900_GPRS (4 Tx slots)_Left Cheek_Ch810

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: HSL_1900_191104 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 40.294$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1909.8 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.303 W/kg

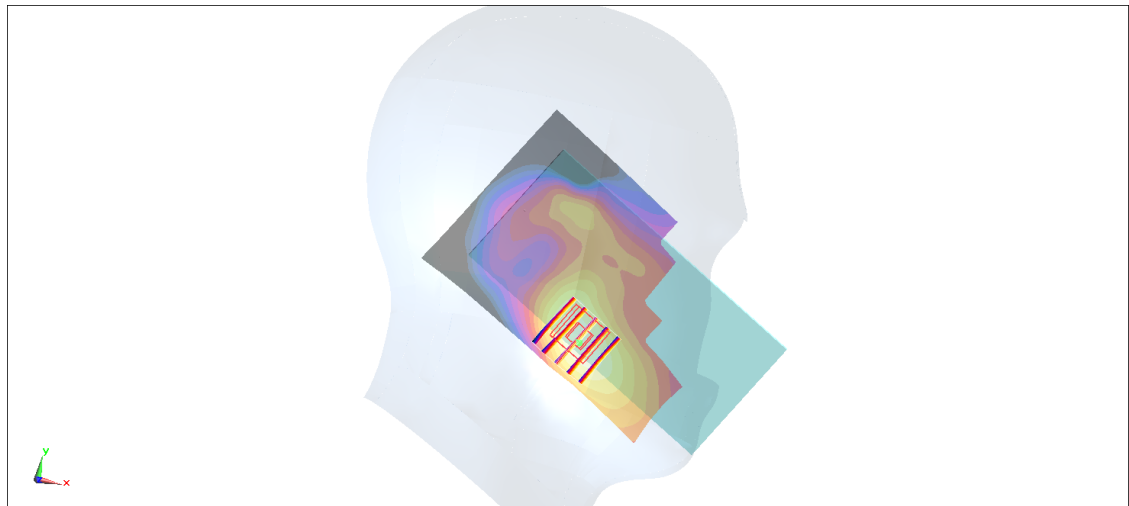
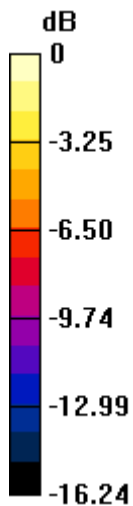
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.37 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.362 W/kg

SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.153 W/kg

Maximum value of SAR (measured) = 0.289 W/kg



0 dB = 0.289 W/kg = -5.39 dBW/kg

#03_WCDMA II_RMC 12.2Kbps_Left Cheek_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900_191101 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.403$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1907.6 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.765 W/kg

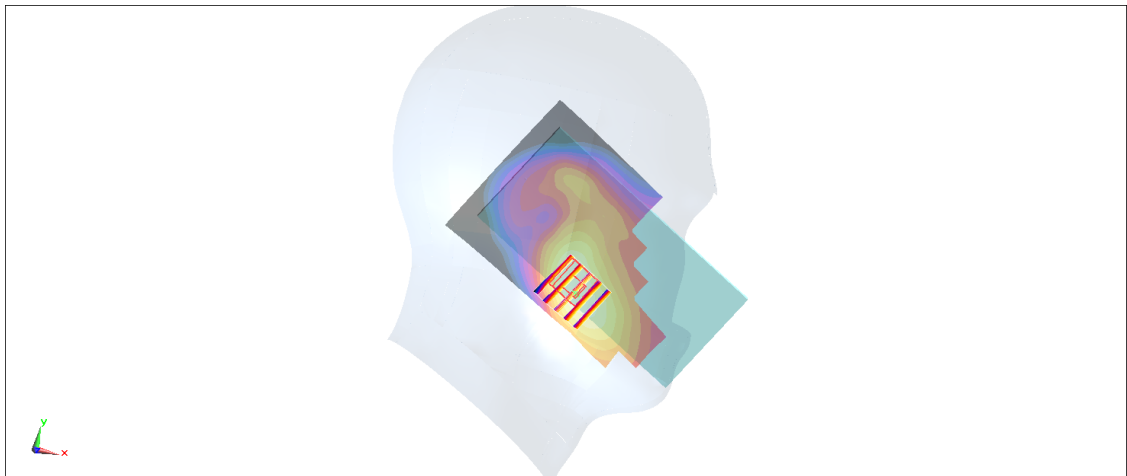
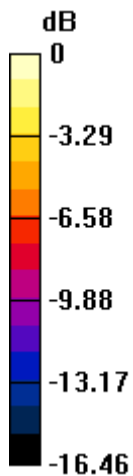
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.36 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.908 W/kg

SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.399 W/kg

Maximum value of SAR (measured) = 0.717 W/kg



0 dB = 0.717 W/kg = -1.44 dBW/kg

#04_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4182

Communication System: WCDMA ; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL_850_191107 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 42.946$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 836.4 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.313 W/kg

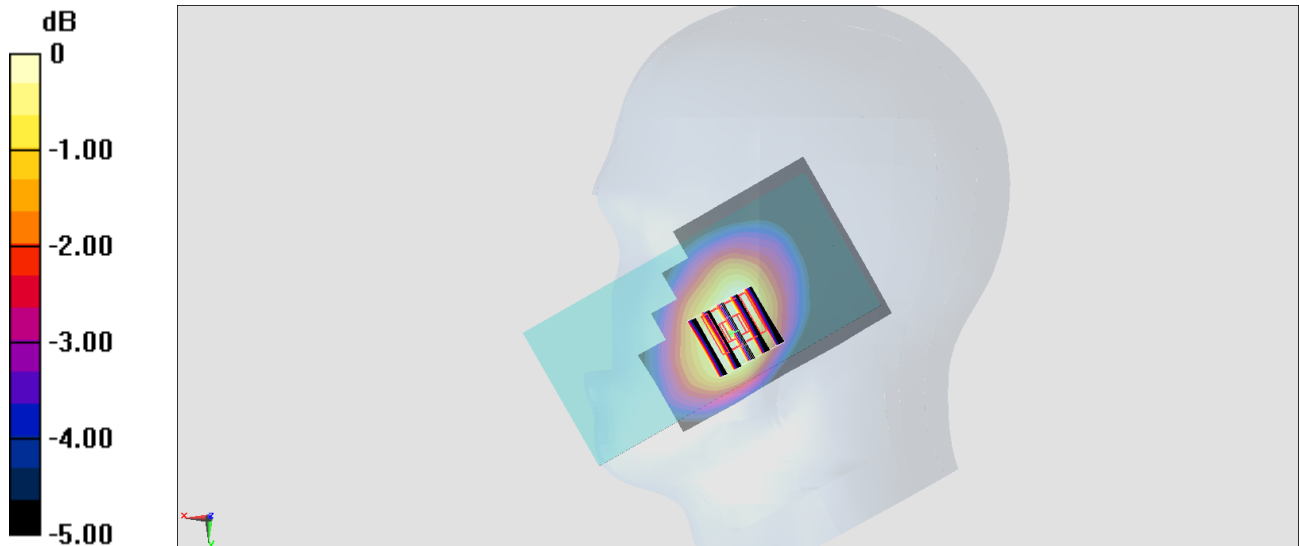
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.603 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.334 W/kg

SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 0.292 W/kg



0 dB = 0.292 W/kg = -5.35 dBW/kg

#05_CDMA BC1_1xRTT RC3 SO55_Left Cheek_Ch1175

Communication System: CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL_1900_191104 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 40.292$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1908.75 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.733 W/kg

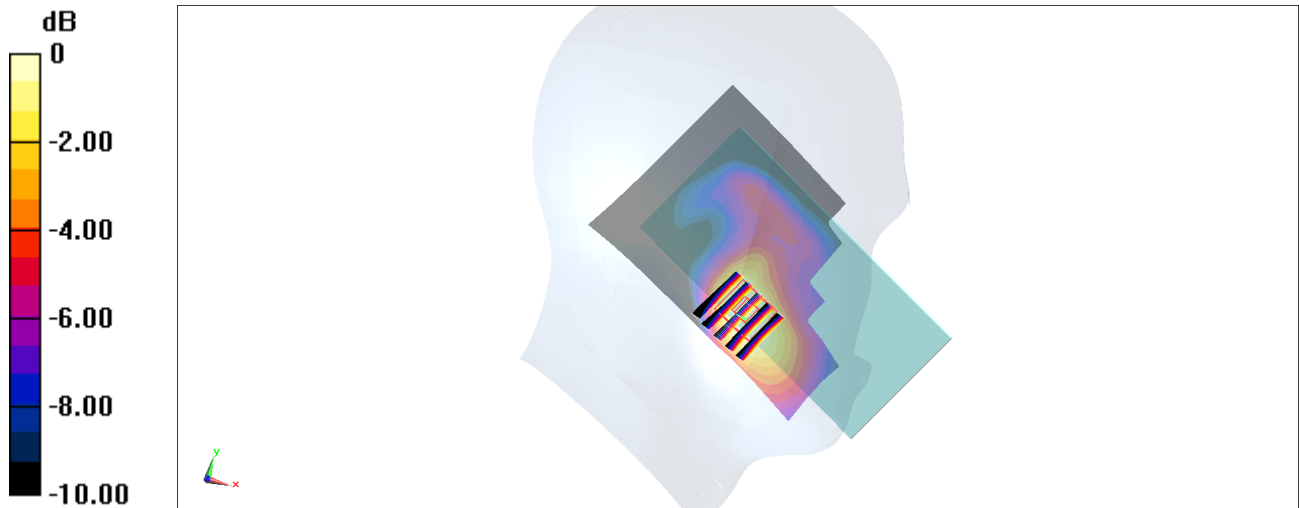
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.81 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.868 W/kg

SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.372 W/kg

Maximum value of SAR (measured) = 0.680 W/kg



0 dB = 0.680 W/kg = -1.67 dBW/kg

#06_LTE Band 7_20M_QPSK_1_99_Right Cheek_Ch20850

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL_2600_191105 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.857$ S/m; $\epsilon_r = 38.724$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.49, 4.49, 4.49) @ 2510 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.450 W/kg

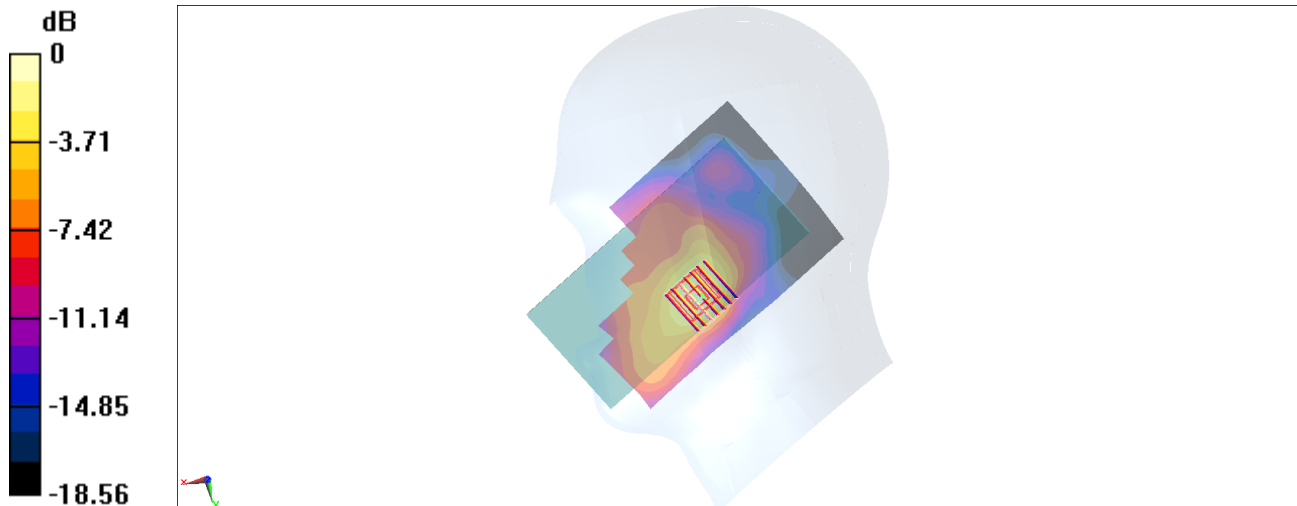
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.67 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.749 W/kg

SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.263 W/kg

Maximum value of SAR (measured) = 0.562 W/kg



0 dB = 0.562 W/kg = -2.50 dBW/kg

#07_LTE Band 13_10M_QPSK_1_25_Right Cheek_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL_750_191107 Medium parameters used: $f = 782$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.376$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.33, 10.33, 10.33) @ 782 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.357 W/kg

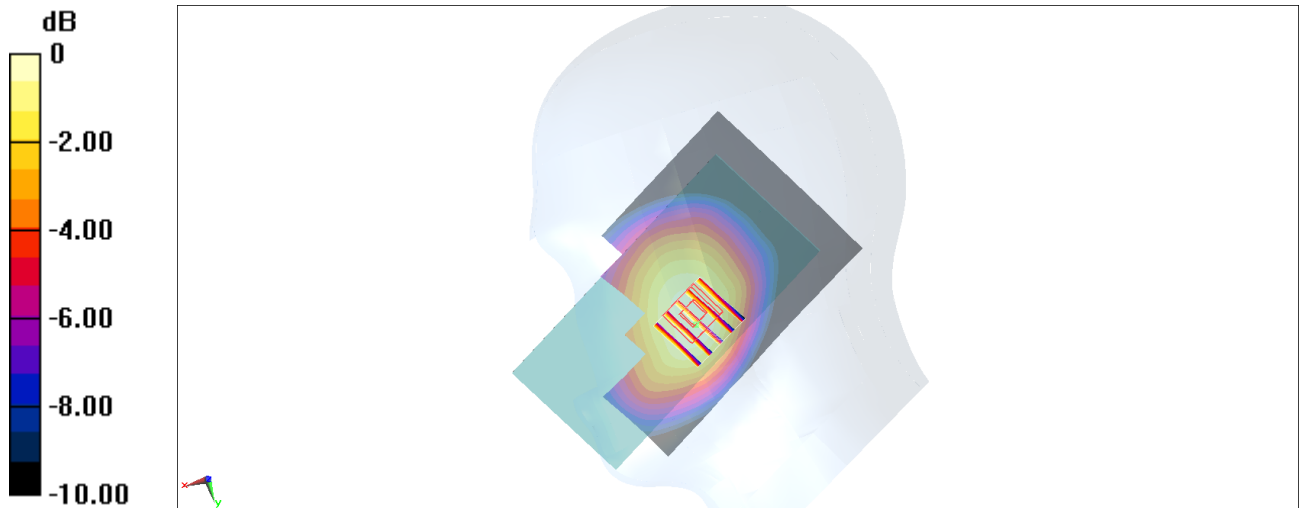
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.58 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.229 W/kg

Maximum value of SAR (measured) = 0.349 W/kg



0 dB = 0.349 W/kg = -4.57 dBW/kg

#08_LTE Band 14_10M_QPSK_1_0_Right Cheek_Ch23330

Communication System: LTE; Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL_750_191107 Medium parameters used: $f = 793$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 41.215$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.33, 10.33, 10.33) @ 793 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.424 W/kg

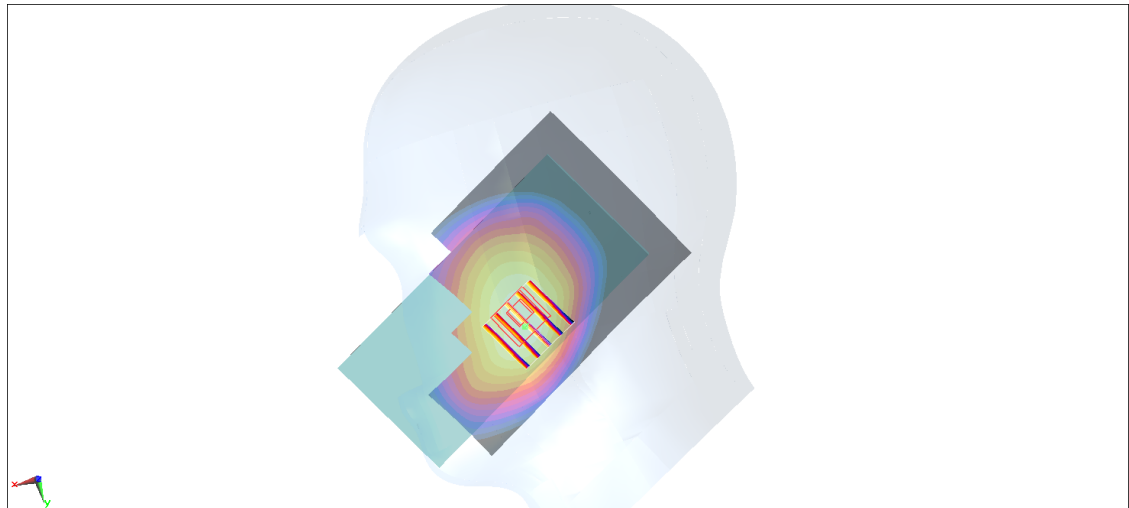
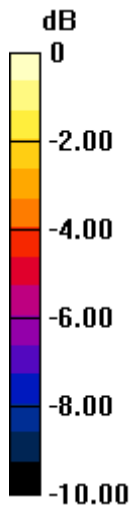
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.95 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.443 W/kg

SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 0.409 W/kg



0 dB = 0.409 W/kg = -3.88 dBW/kg

#09_LTE Band 25_20M_QPSK_1_0_Left Cheek_Ch26340

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL_1900_191101 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 40.406$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1880 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.729 W/kg

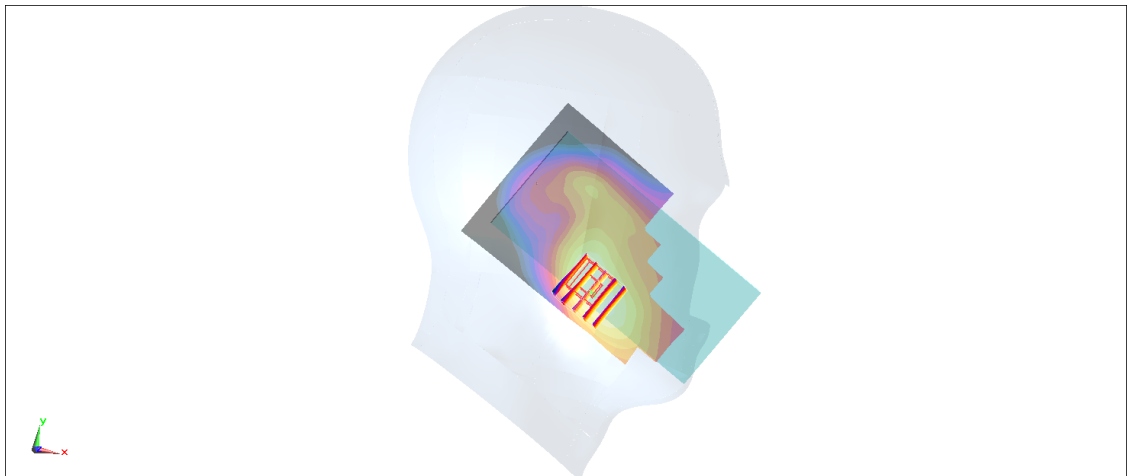
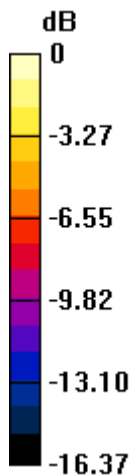
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.02 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.871 W/kg

SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.394 W/kg

Maximum value of SAR (measured) = 0.693 W/kg



0 dB = 0.693 W/kg = -1.59 dBW/kg

#10_LTE Band 26_15M_QPSK_1_37_Right Cheek_Ch26865

Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL_850_191108 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 40.845$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.12, 10.12, 10.12) @ 831.5 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.394 W/kg

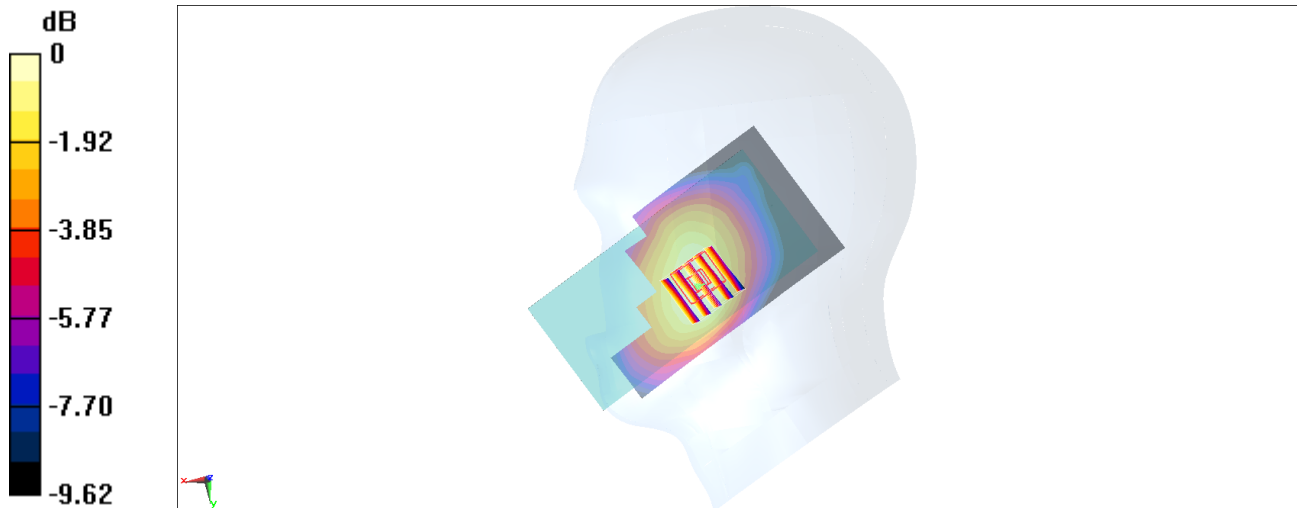
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.752 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.451 W/kg

SAR(1 g) = 0.350 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 0.416 W/kg



0 dB = 0.416 W/kg = -3.81 dBW/kg

#11_LTE Band 30_10M_QPSK_1_25_Right Cheek_Ch27710

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL_2300_191106 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.654$ S/m; $\epsilon_r = 39.732$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.87, 7.87, 7.87) @ 2310 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.988 W/kg

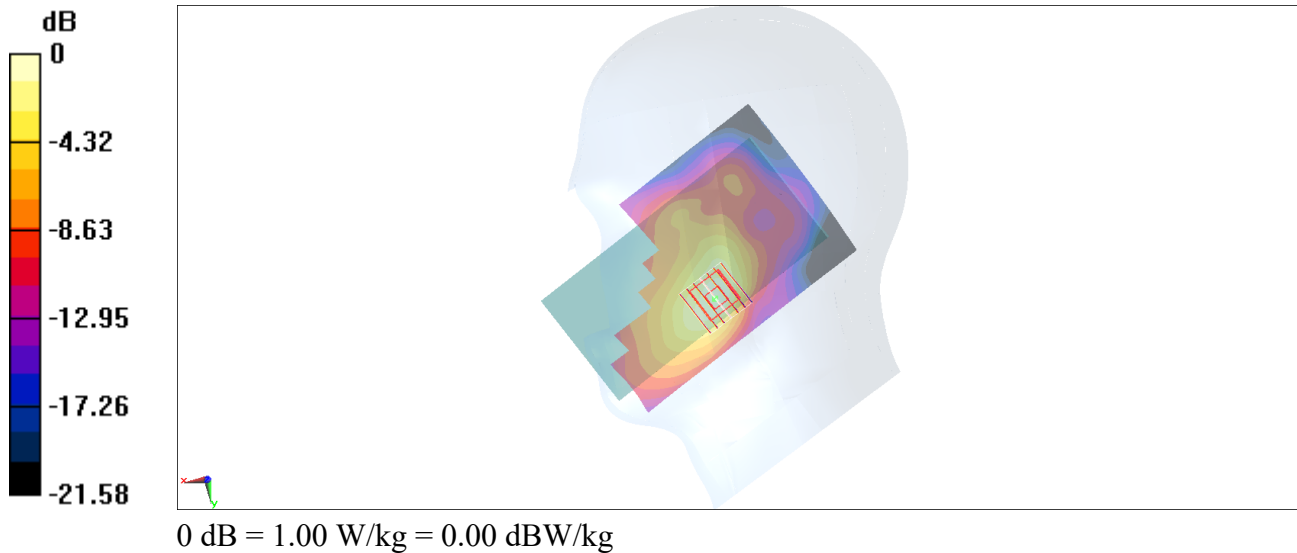
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.03 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.693 W/kg; SAR(10 g) = 0.392 W/kg

Maximum value of SAR (measured) = 1.00 W/kg



#12_LTE Band 66_20M_QPSK_1_0_Left Cheek_Ch132572

Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL_1750_191102 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.397$ S/m; $\epsilon_r = 39.563$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.18, 5.18, 5.18) @ 1770 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.408 W/kg

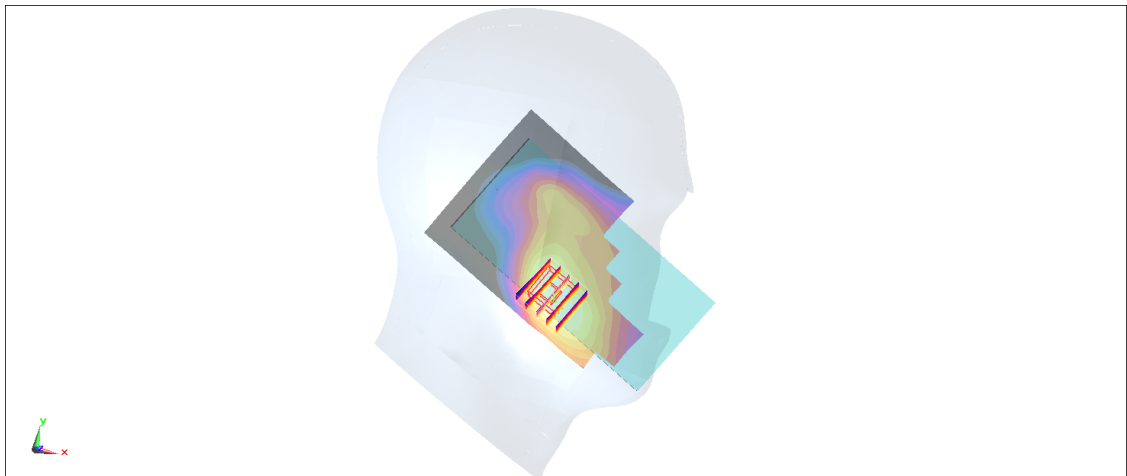
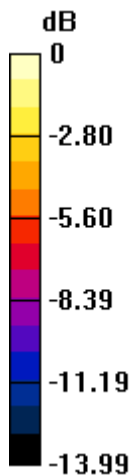
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.73 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.490 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.230 W/kg

Maximum value of SAR (measured) = 0.395 W/kg



0 dB = 0.395 W/kg = -4.03 dBW/kg

#13_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch11

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.009

Medium: HSL_2450_191029 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.813$ S/m; $\epsilon_r = 38.38$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.49, 4.49, 4.49) @ 2462 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.536 W/kg

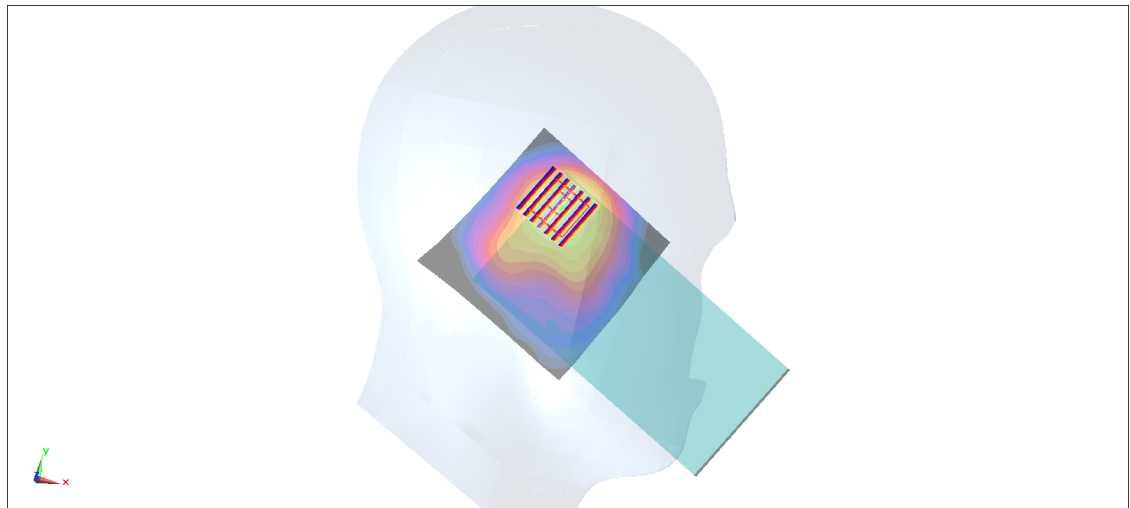
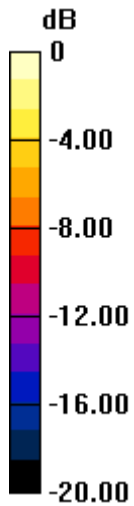
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.69 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.736 W/kg

SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.200 W/kg

Maximum value of SAR (measured) = 0.494 W/kg



0 dB = 0.494 W/kg = -3.06 dBW/kg

#14_WLAN5GHz_802.11ac-VHT80 MCS0_Left Tilted_Ch58

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.101

Medium: HSL_5G_191106 Medium parameters used : $f = 5290$ MHz; $\sigma = 4.662$ S/m; $\epsilon_r = 37.132$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(5.36, 5.36, 5.36) @ 5290 MHz; Calibrated: 2019/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2019/7/18
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.571 W/kg

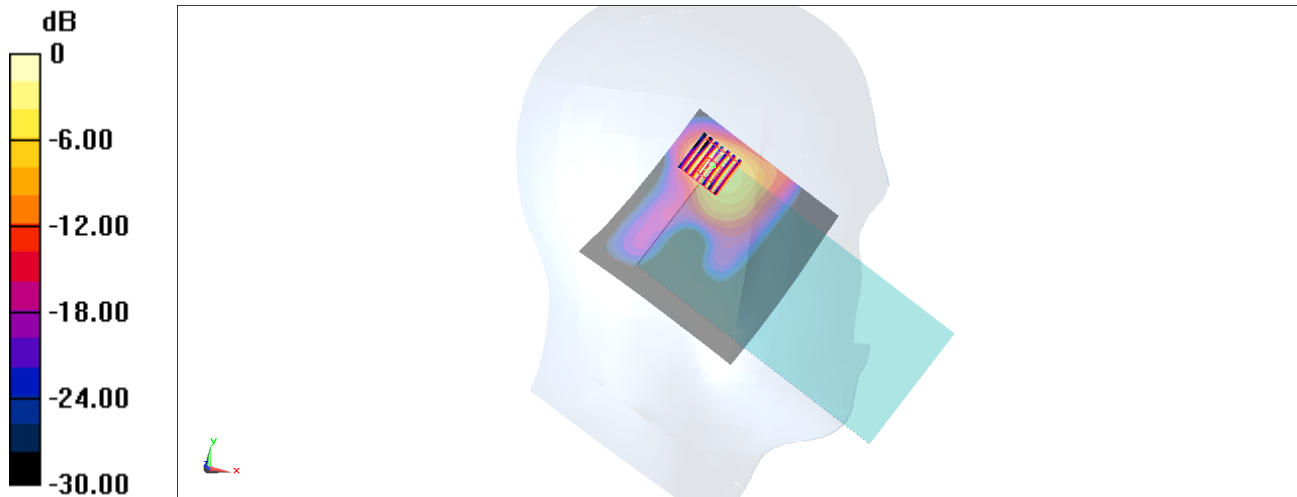
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.995 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 0.832 W/kg



0 dB = 0.832 W/kg = -0.80 dBW/kg

#15_WLAN5GHz_802.11ac-VHT80 MCS0_Left Tilted_Ch106

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.101

Medium: HSL_5G_191106 Medium parameters used : $f = 5530$ MHz; $\sigma = 4.921$ S/m; $\epsilon_r = 36.822$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(4.75, 4.75, 4.75) @ 5530 MHz; Calibrated: 2019/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2019/7/18
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.778 W/kg

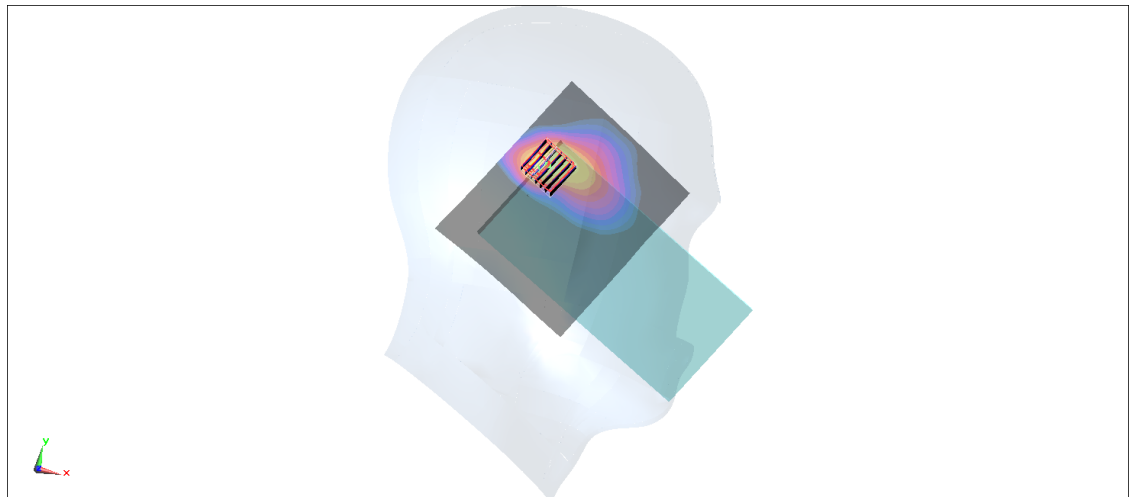
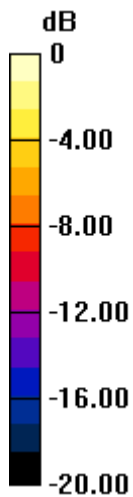
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.362 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.146 W/kg

Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

#16_WLAN5GHz_802.11ac-VHT80 MCS0_Left Cheek_Ch155

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.101

Medium: HSL_5G_191106 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.171$ S/m; $\epsilon_r = 36.449$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(4.78, 4.78, 4.78) @ 5775 MHz; Calibrated: 2019/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2019/7/18
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (121x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.62 W/kg

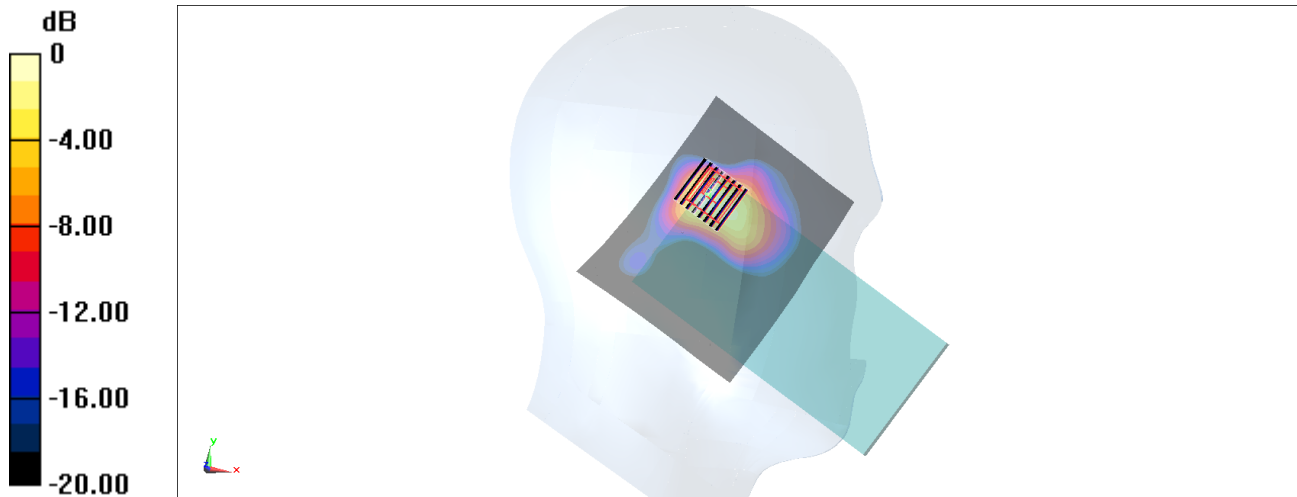
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.808 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 0.630 W/kg; SAR(10 g) = 0.203 W/kg

Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.48 W/kg = 1.70 dBW/kg

#17_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: HSL_850_191104 Medium parameters used: $f = 849$ MHz; $\sigma = 0.921$ S/m; $\epsilon_r = 40.447$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 848.8 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.501 W/kg

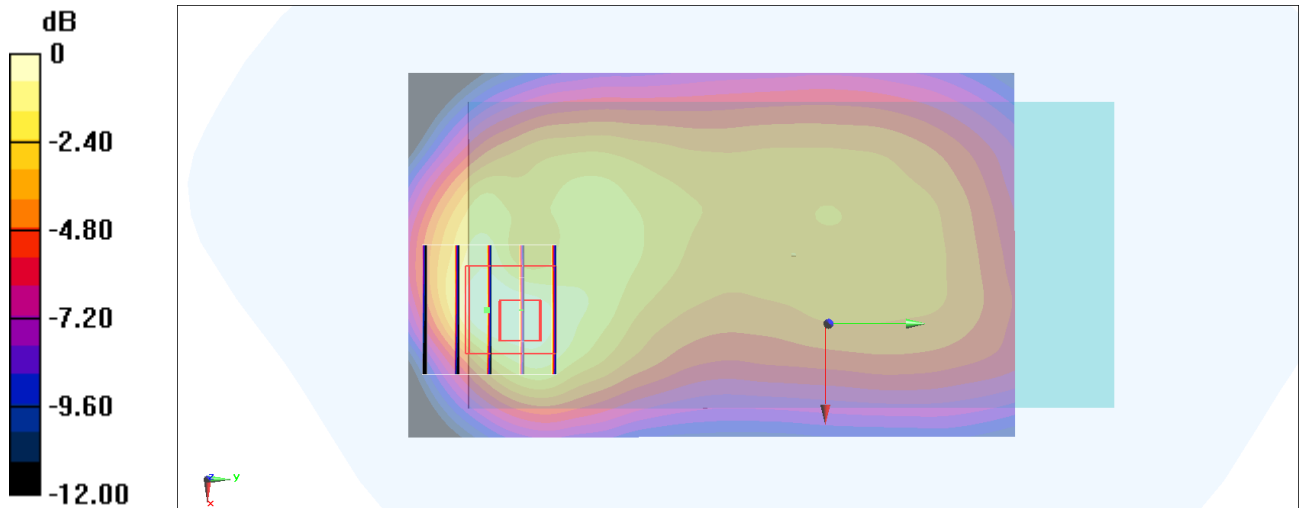
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.44 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.702 W/kg

SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.472 W/kg



0 dB = 0.472 W/kg = -3.26 dBW/kg

#18_GSM1900_GPRS (4 Tx slots)_Bottom Side_10mm_Ch810

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: HSL_1900_191103 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 40.464$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1909.8 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.752 W/kg

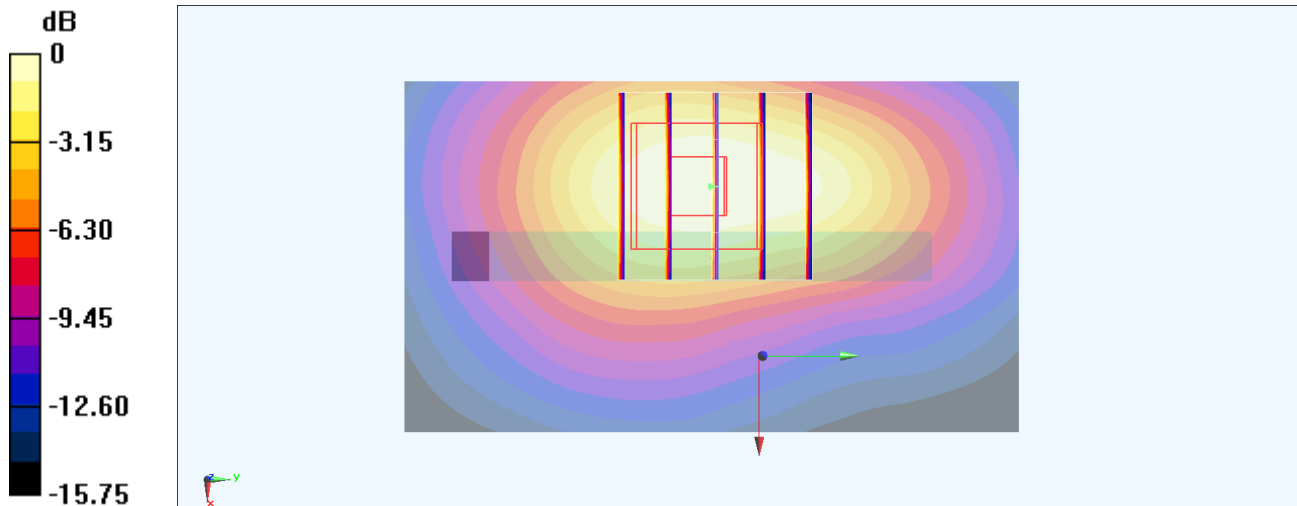
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.81 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.917 W/kg

SAR(1 g) = 0.567 W/kg; SAR(10 g) = 0.329 W/kg

Maximum value of SAR (measured) = 0.689 W/kg



0 dB = 0.689 W/kg = -1.62 dBW/kg

#19_WCDMA II_RMC 12.2Kbps_Back_10mm_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900_191030 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.445$ S/m; $\epsilon_r = 38.447$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.91, 7.91, 7.91) @ 1907.6 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.67 W/kg

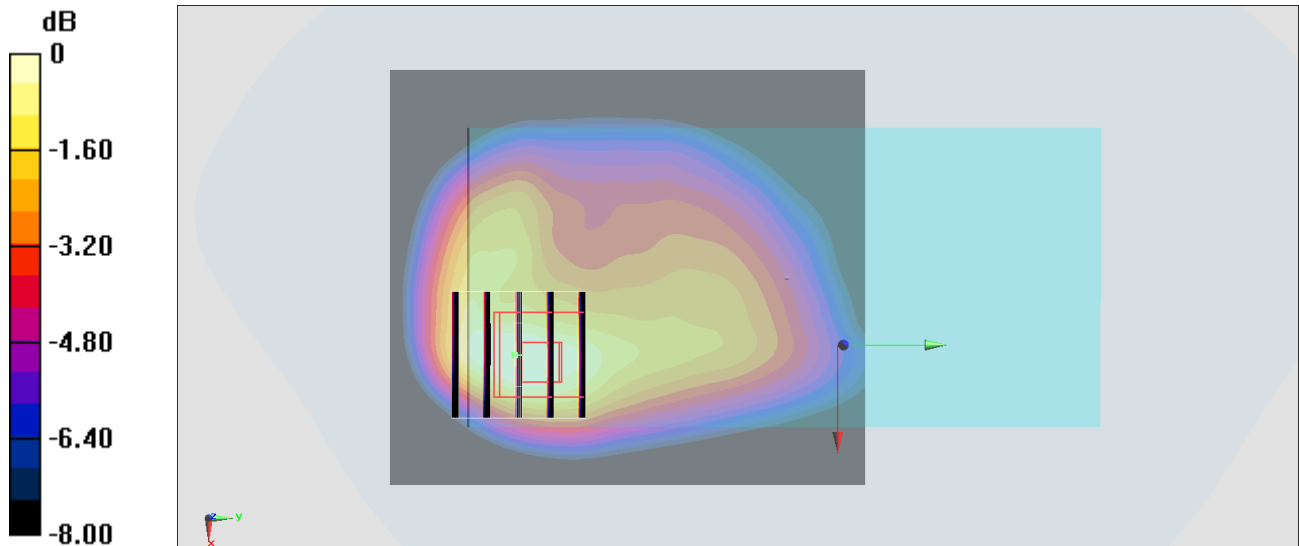
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.16 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.588 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

#20_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4233

Communication System: WCDMA ; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_850_191107 Medium parameters used: $f = 847$ MHz; $\sigma = 0.884$ S/m; $\epsilon_r = 42.818$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 846.6 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.531 W/kg

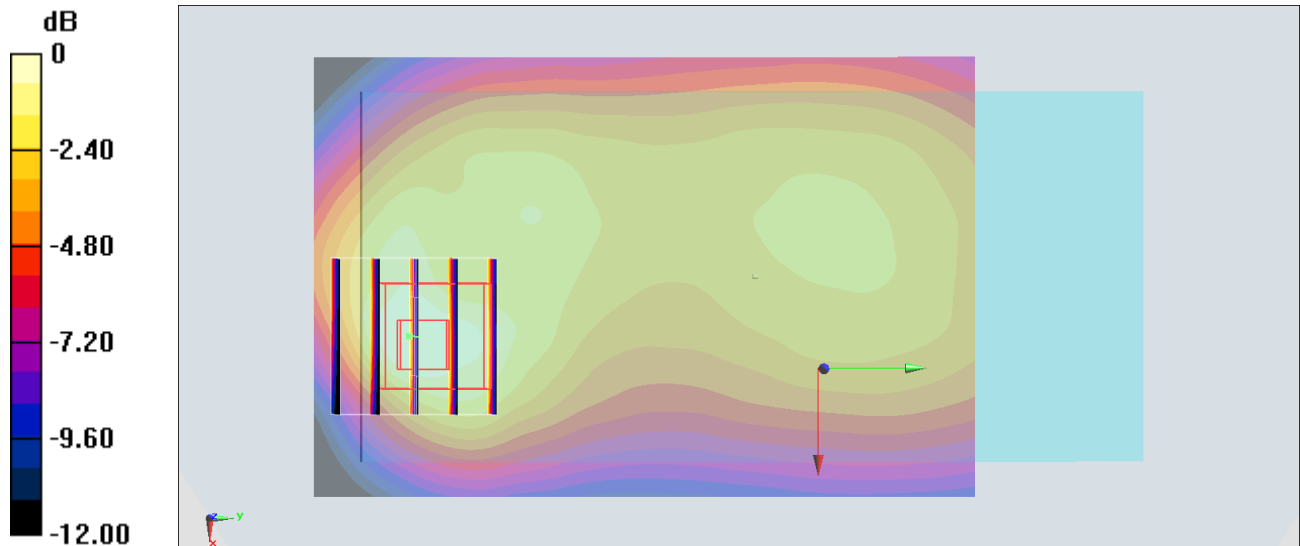
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.61 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.699 W/kg

SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.226 W/kg

Maximum value of SAR (measured) = 0.481 W/kg



0 dB = 0.481 W/kg = -3.18 dBW/kg

#21_CDMA BC0_RTAP 153.6Kbps_Bottom Side_10mm_Ch777

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: HSL_850_191101 Medium parameters used : $f = 848.31$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 41.123$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 848.31 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.102 W/kg

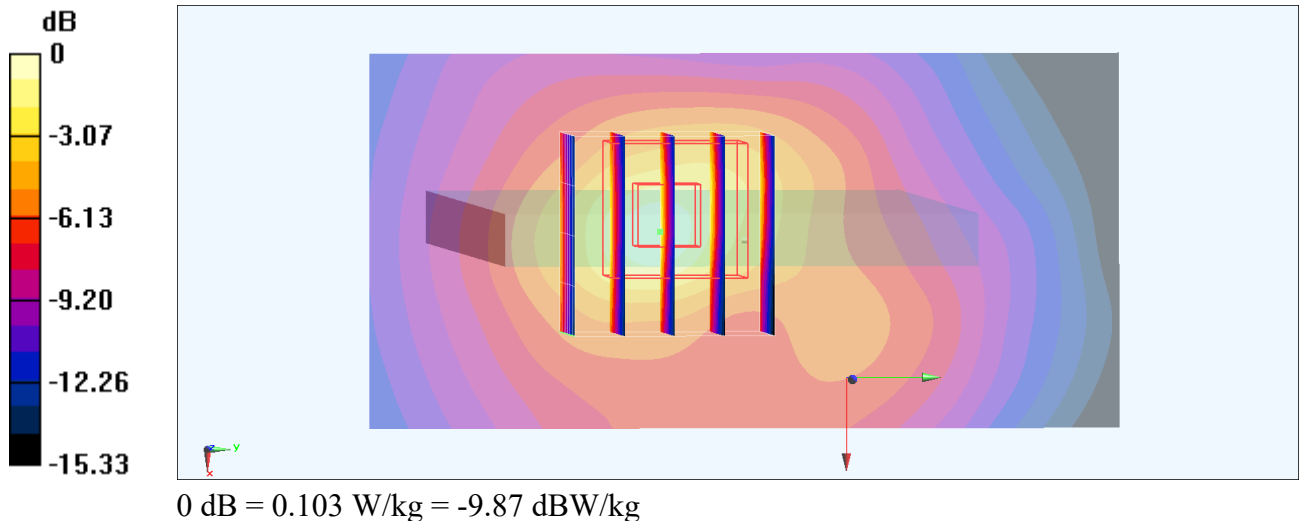
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.358 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.103 W/kg



#22_CDMA BC1_RTAP 153.6Kbps_Bottom Side_10mm_Ch25

Communication System: CDMA; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900_191103 Medium parameters used : $f = 1851.25$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 40.464$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.95, 4.95, 4.95) @ 1851.25 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.22 W/kg

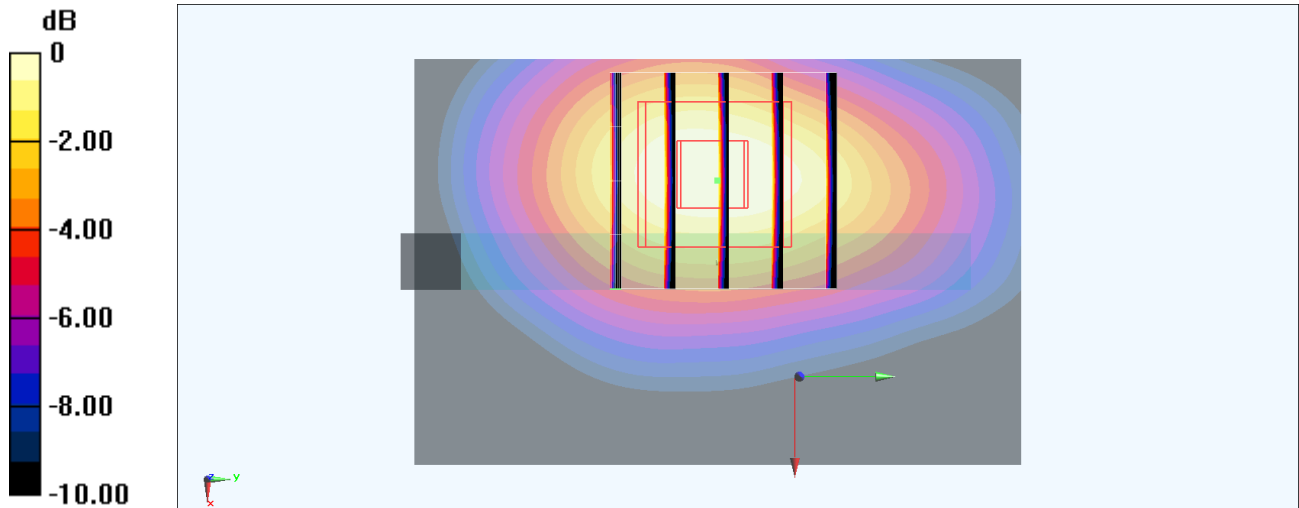
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.02 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.577 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



#23_CDMA BC10_RTAP 153.6Kbps_Bottom Side_10mm_Ch580

Communication System: CDMA ; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: HSL_850_191101 Medium parameters used : $f = 820.5$ MHz; $\sigma = 0.868$ S/m; $\epsilon_r = 41.557$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.97, 5.97, 5.97) @ 820.5 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0899 W/kg

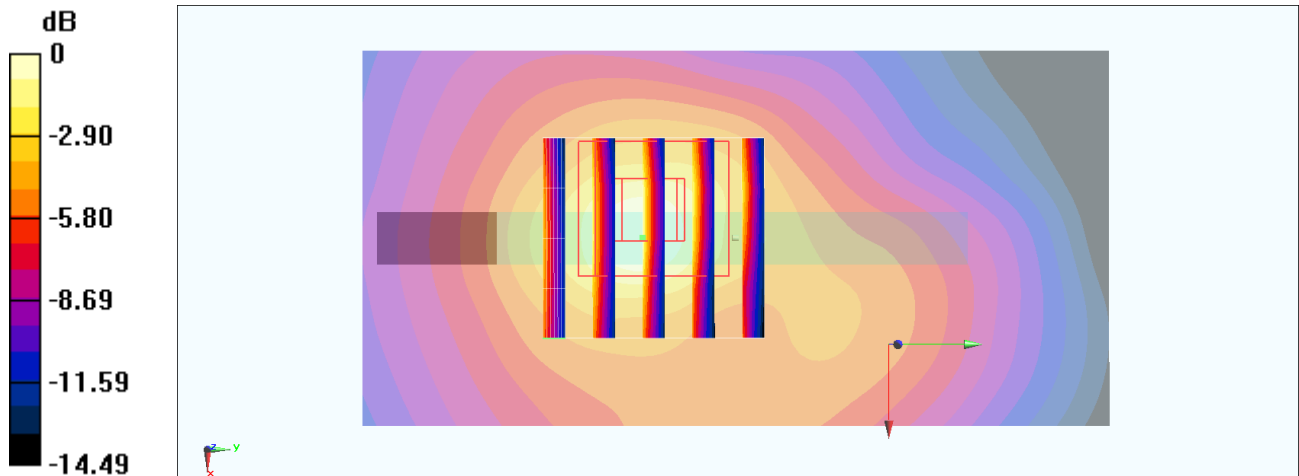
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.170 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.0847 W/kg



0 dB = 0.0847 W/kg = -10.72 dBW/kg

#24_LTE Band 7_20M_QPSK_1_99_Back_10mm_Ch20850

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: HSL_2600_191105 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.857$ S/m; $\epsilon_r = 38.724$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.49, 4.49, 4.49) @ 2510 MHz; Calibrated: 2019/1/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/1/3
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.23 W/kg

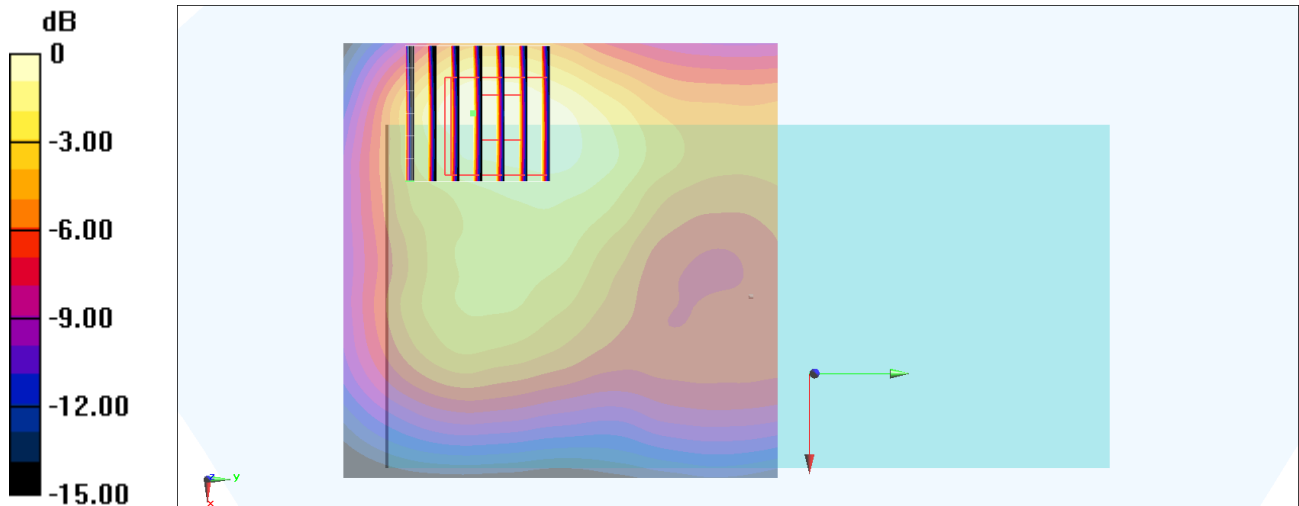
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.03 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.929 W/kg; SAR(10 g) = 0.508 W/kg

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

#25_LTE Band 13_10M_QPSK_1_25_Back_10mm_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL_750_191107 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 41.376$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.7 \text{ }^\circ\text{C}$; Liquid Temperature : $22.7 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.33, 10.33, 10.33) @ 782 MHz; Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x101x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.481 W/kg

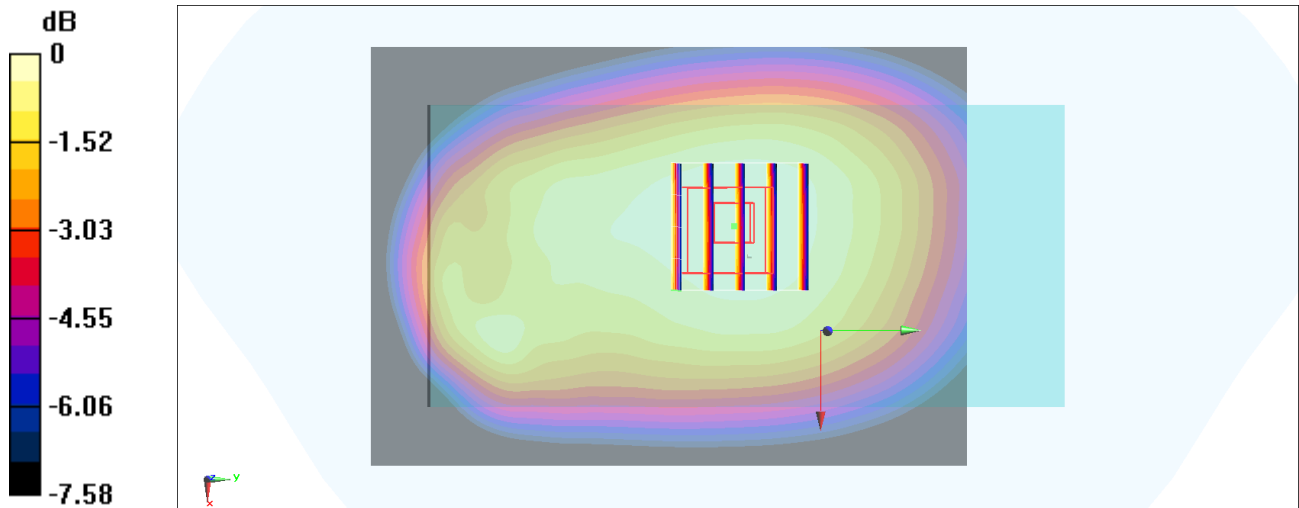
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.57 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.404 W/kg ; SAR(10 g) = 0.312 W/kg

Maximum value of SAR (measured) = 0.485 W/kg



0 dB = 0.485 W/kg = -3.14 dBW/kg