

#01_GSM850_GPRS (4 Tx slots)_Left Cheek_Ch189

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

Medium: HSL_850_200218 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 41.738$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.41, 6.41, 6.41); Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2019/4/30
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- 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) = 0.232 W/kg

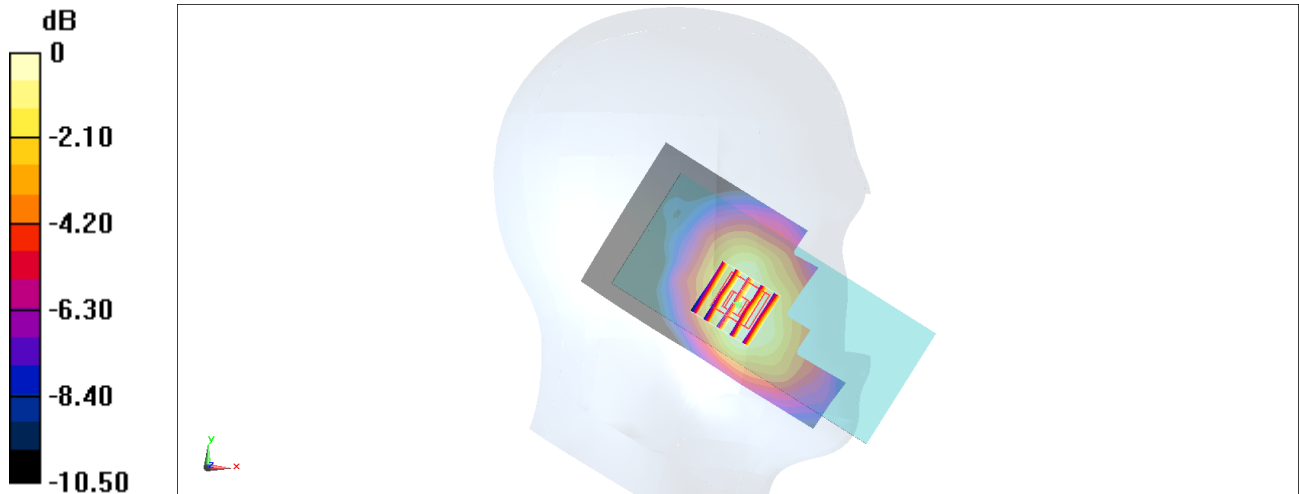
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.83 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.149 W/kg

Maximum value of SAR (measured) = 0.223 W/kg



0 dB = 0.223 W/kg = -6.52 dBW/kg

#02_GSM1900_GPRS (4 Tx slots)_Right Cheek_Ch810

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

Medium: HSL_1900_200216 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.351$ S/m; $\epsilon_r = 39.931$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(5.23, 5.23, 5.23); Calibrated: 2019/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2019/4/30
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.0330 W/kg

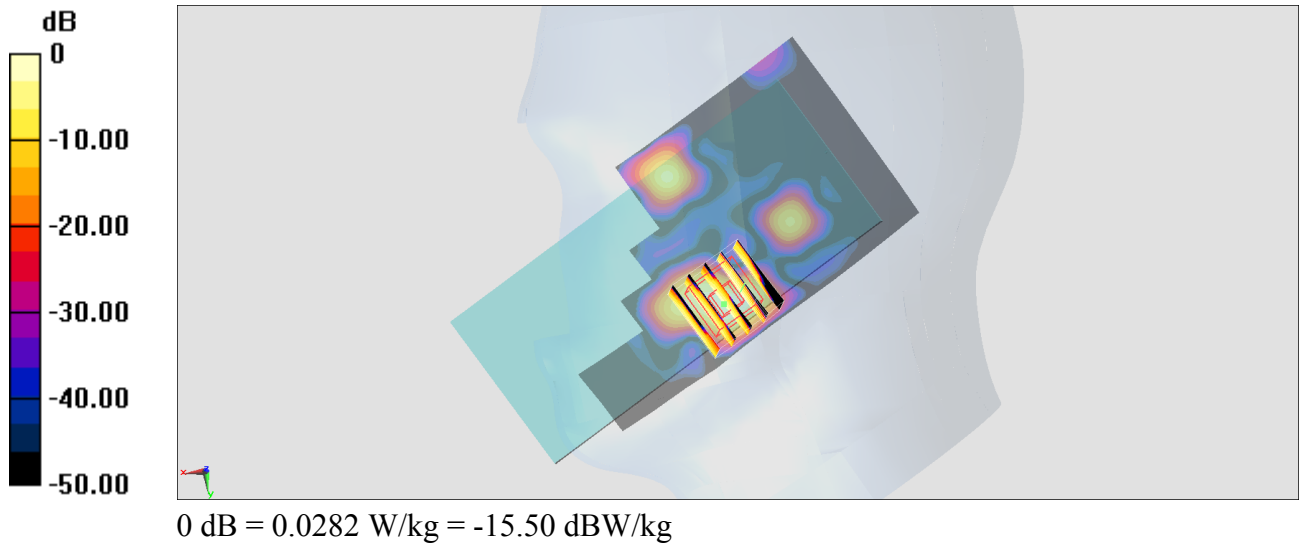
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.906 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0400 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.010 W/kg

Maximum value of SAR (measured) = 0.0282 W/kg



#03_WCDMA II_RMC 12.2Kbps_Right Cheek_Ch9400

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

Medium: HSL_1900_200215 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 39.29$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.91, 7.91, 7.91); Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1682
- 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) = 0.118 W/kg

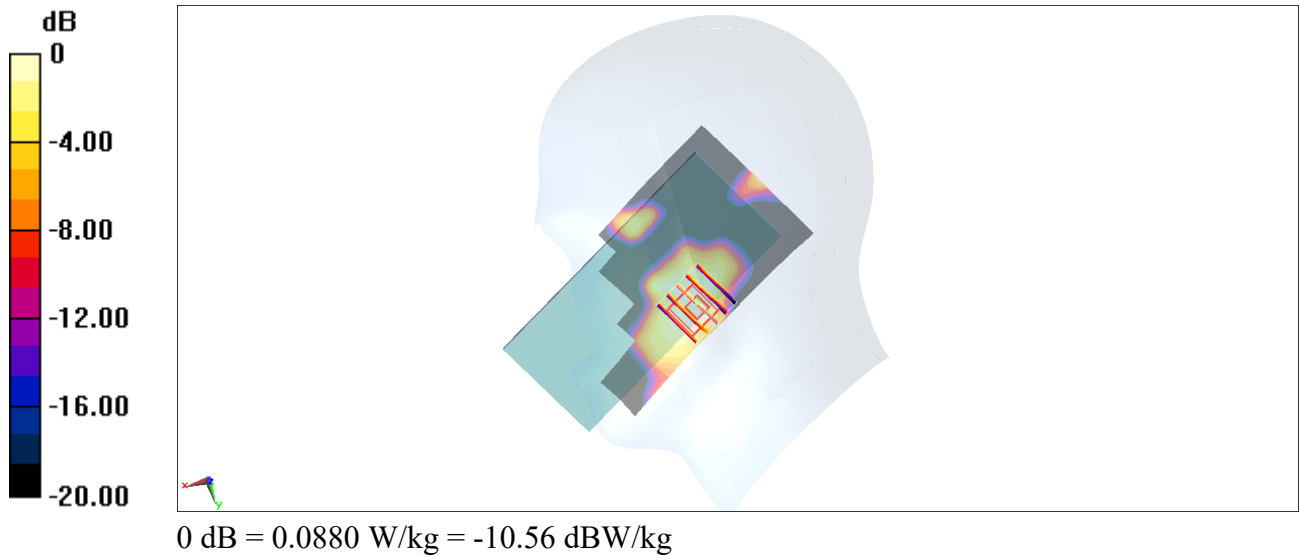
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.196 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.0880 W/kg



#04_WCDMA IV_RMC 12.2Kbps_Right Cheek_Ch1413

Communication System: WCDMA ; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL_1750_200215 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.355$ S/m; $\epsilon_r = 41.045$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(8.18, 8.18, 8.18); Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1682
- 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) = 0.0719 W/kg

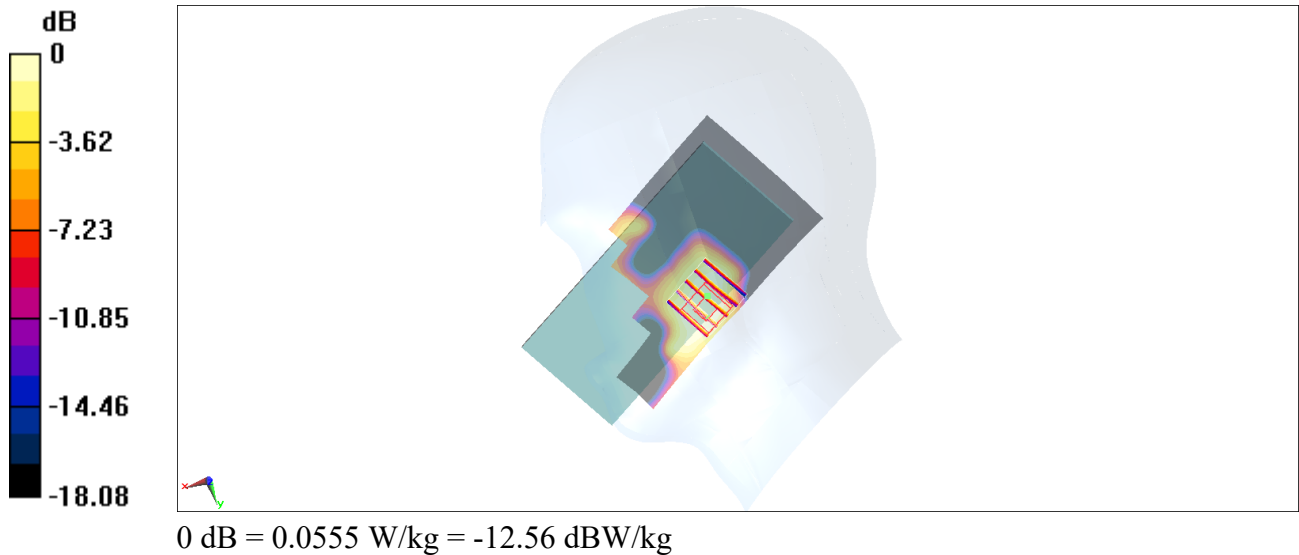
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.846 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0640 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0555 W/kg



#05_WCDMA V_RMC 12.2Kbps_Left Cheek_Ch4233

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

Medium: HSL_850_200221 Medium parameters used: $f = 847$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 40.732$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.73, 9.73, 9.73); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.249 W/kg

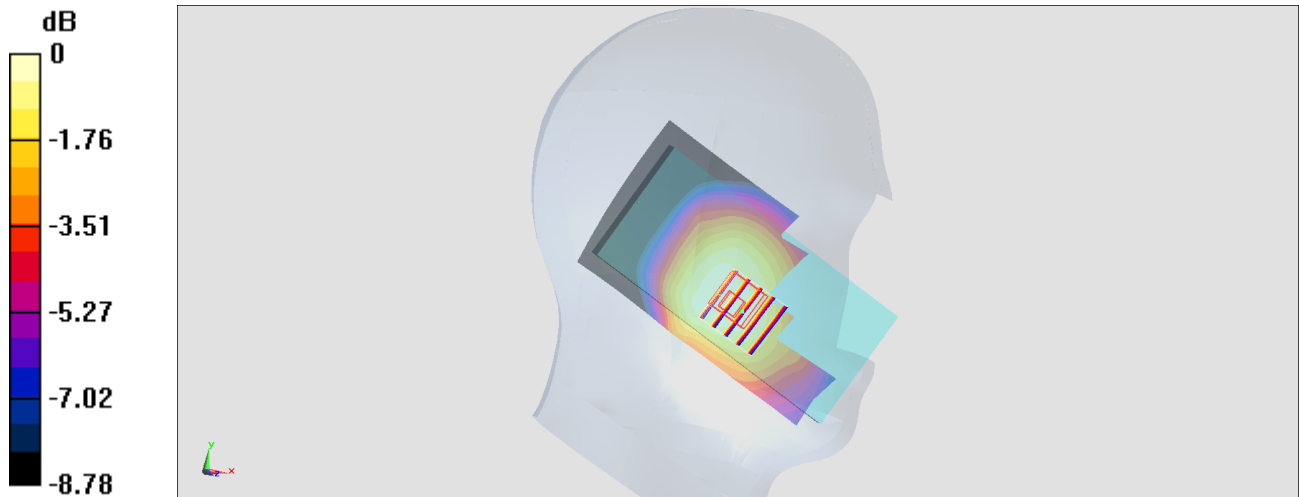
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.76 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.149 W/kg

Maximum value of SAR (measured) = 0.250 W/kg



0 dB = 0.250 W/kg = -6.02 dBW/kg

#06_LTE Band 7_20M_QPSK_1_0_Left Cheek_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600_200220 Medium parameters used : $f = 2535$ MHz; $\sigma = 1.904$ S/m; $\epsilon_r = 38.972$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.3, 7.3, 7.3); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.141 W/kg

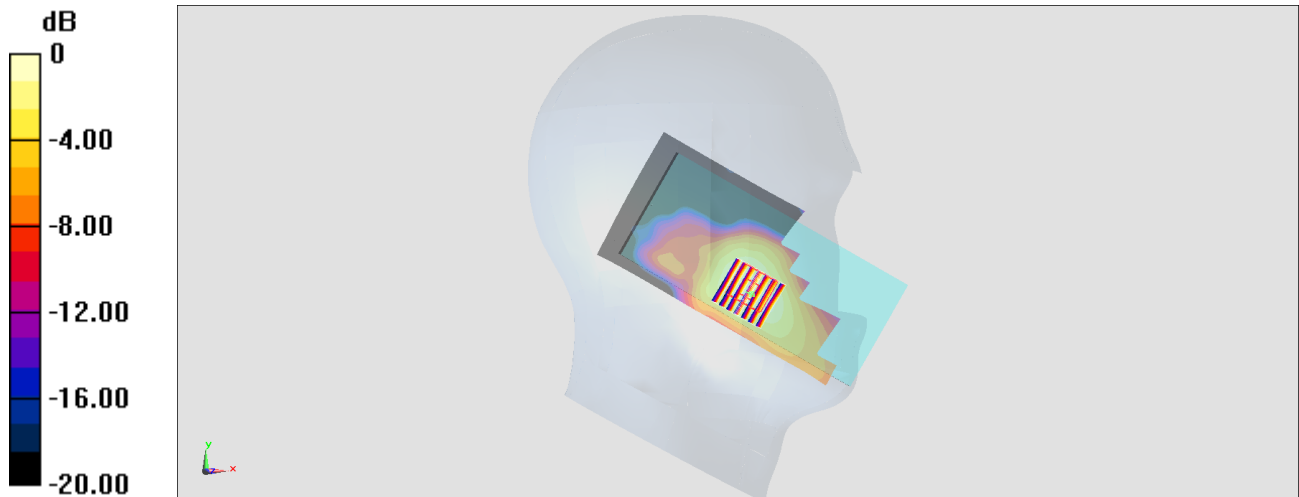
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.676 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.133 W/kg



0 dB = 0.133 W/kg = -8.76 dBW/kg

#07_LTE Band 12_10M_QPSK_1_0_Left Cheek_Ch23095

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_200221 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.866$ S/m; $\epsilon_r = 42.603$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.97, 9.97, 9.97); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.178 W/kg

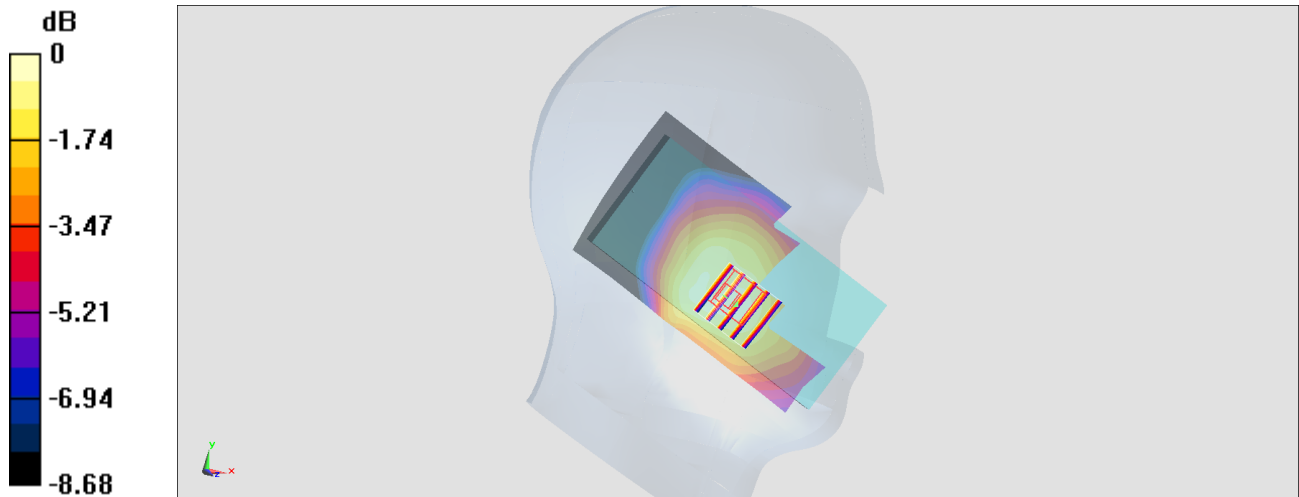
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.17 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.184 W/kg



0 dB = 0.184 W/kg = -7.35 dBW/kg

#08_LTE Band 13_10M_QPSK_1_25_Left Cheek_Ch23230

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

Medium: HSL_750_200221 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.63$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.97, 9.97, 9.97); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.211 W/kg

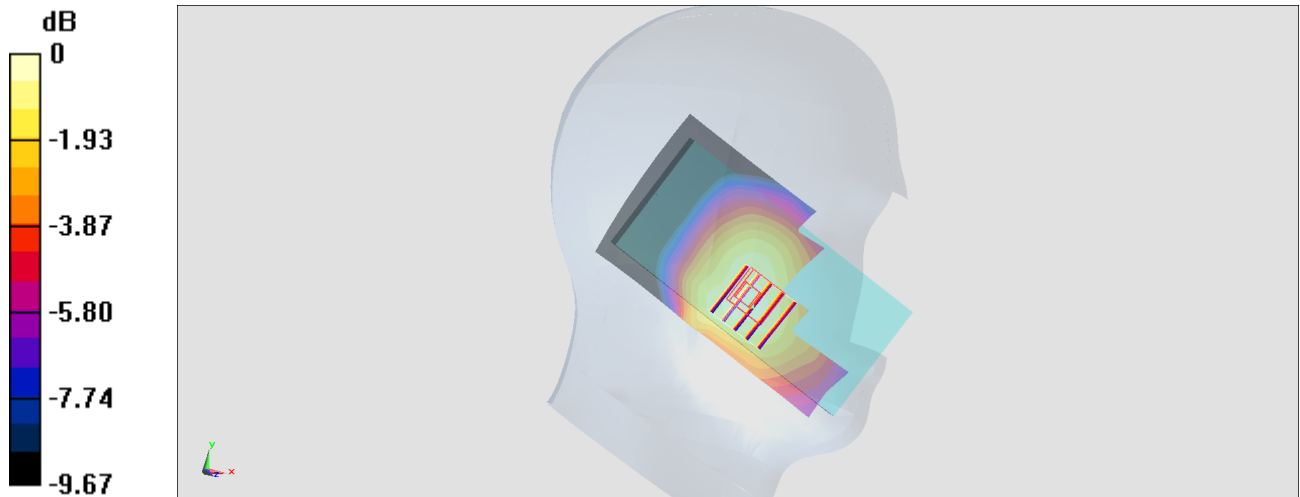
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.17 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.272 W/kg

SAR(1 g) = 0.165 W/kg ; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 0.229 W/kg



$0 \text{ dB} = 0.229 \text{ W/kg} = -6.40 \text{ dBW/kg}$

#09_LTE Band 25_20M_QPSK_1_0_Right Cheek_Ch26590

Communication System: LTE ; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL_1900_200215 Medium parameters used : $f = 1905$ MHz; $\sigma = 1.462$ S/m; $\epsilon_r = 39.13$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.91, 7.91, 7.91); Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1682
- 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) = 0.154 W/kg

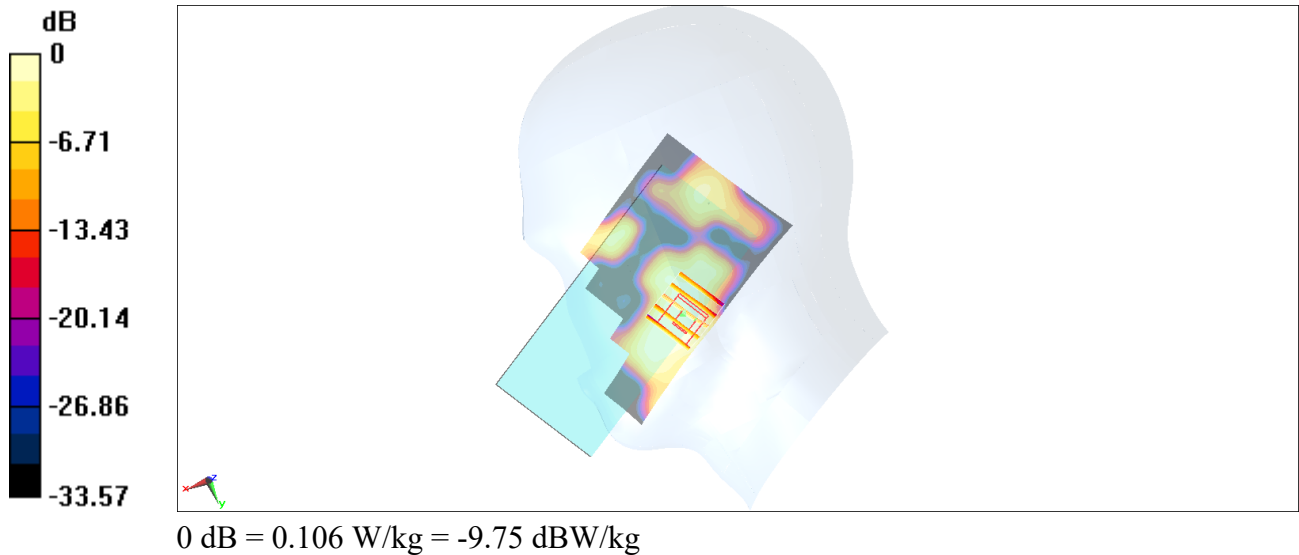
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.396 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.106 W/kg



#10_LTE Band 26_15M_QPSK_1_0_Left Cheek_Ch26865

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

Medium: HSL_850_200221 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 40.946$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.73, 9.73, 9.73); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.196 W/kg

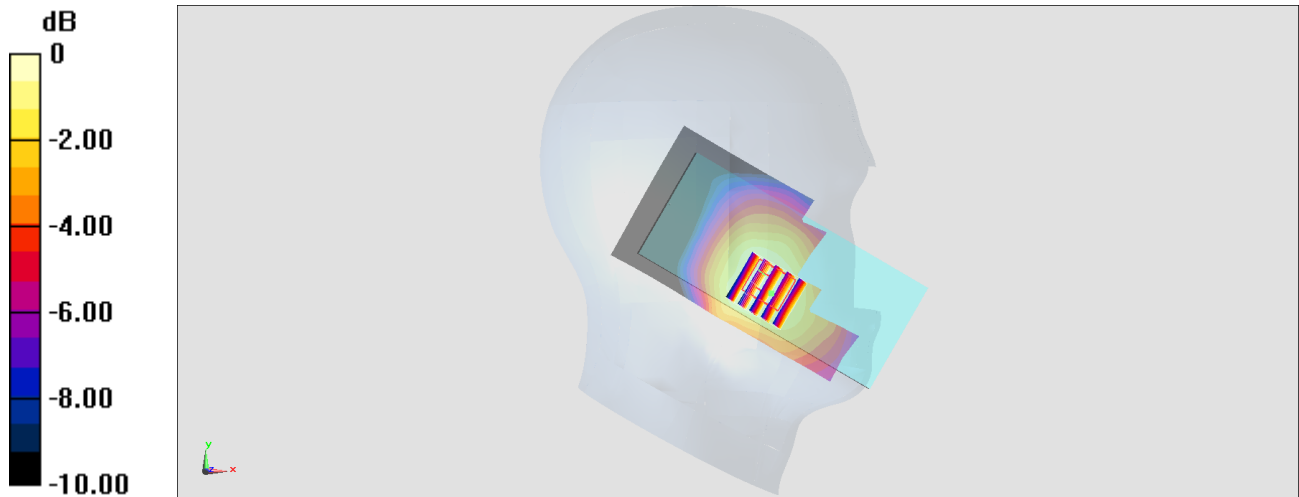
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.01 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.153 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.214 W/kg



0 dB = 0.214 W/kg = -6.70 dBW/kg

#11_LTE Band 66_20M_QPSK_1_0_Right Cheek_Ch132322

Communication System: LTE ; Frequency: 1745 MHz;Duty Cycle: 1:1

Medium: HSL_1750_200215 Medium parameters used : $f = 1745$ MHz; $\sigma = 1.367$ S/m; $\epsilon_r = 40.986$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(8.18, 8.18, 8.18); Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1682
- 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) = 0.0921 W/kg

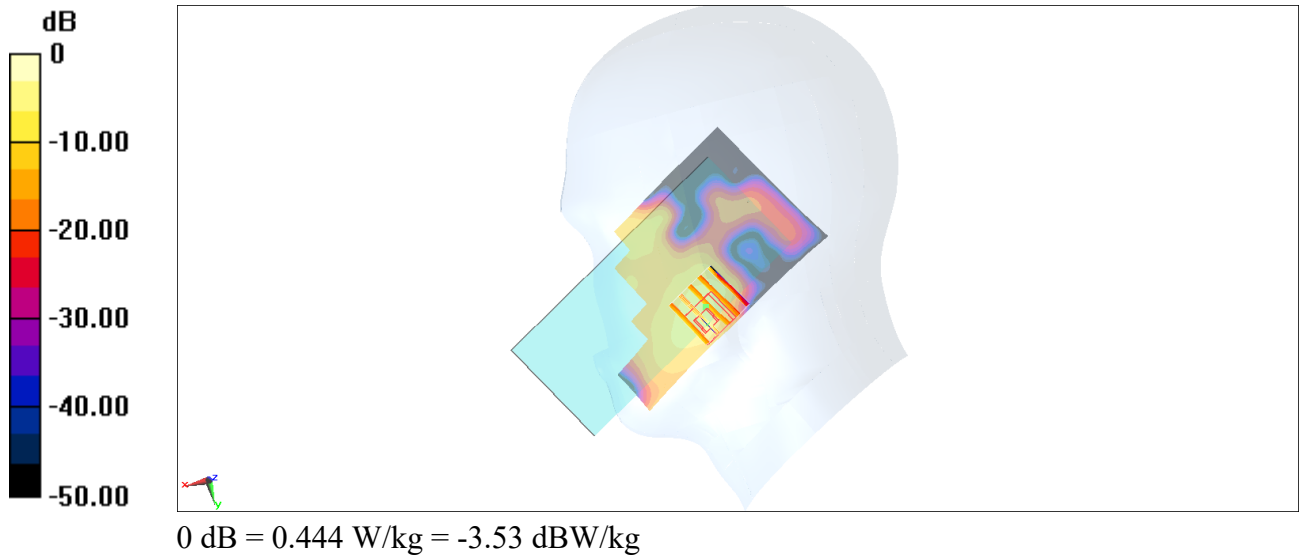
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.033 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.444 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.010 W/kg

Maximum value of SAR (measured) = 0.444 W/kg



#12_LTE Band 41_20M_QPSK_1_99_Left Cheek_Ch41490

Communication System: LTE; Frequency: 2680 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_200220 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.071$ S/m; $\epsilon_r = 38.351$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.3, 7.3, 7.3); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.113 W/kg

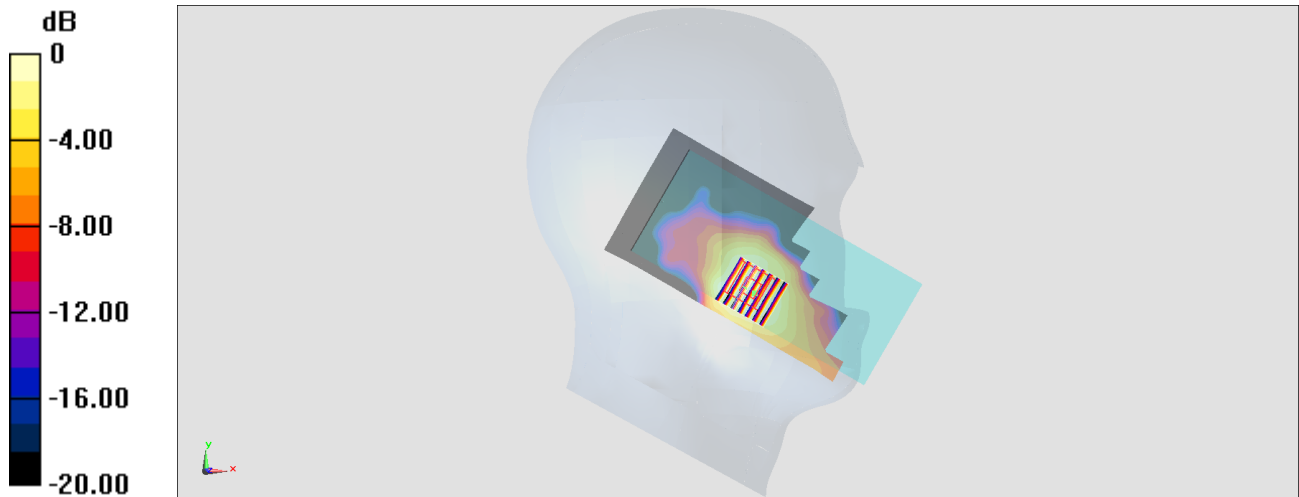
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.806 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.117 W/kg



0 dB = 0.117 W/kg = -9.32 dBW/kg

#13_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch6;Chain 0

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL_2450_200222 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.848$ S/m; $\epsilon_r = 38.439$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69); Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2019/4/30
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.489 W/kg

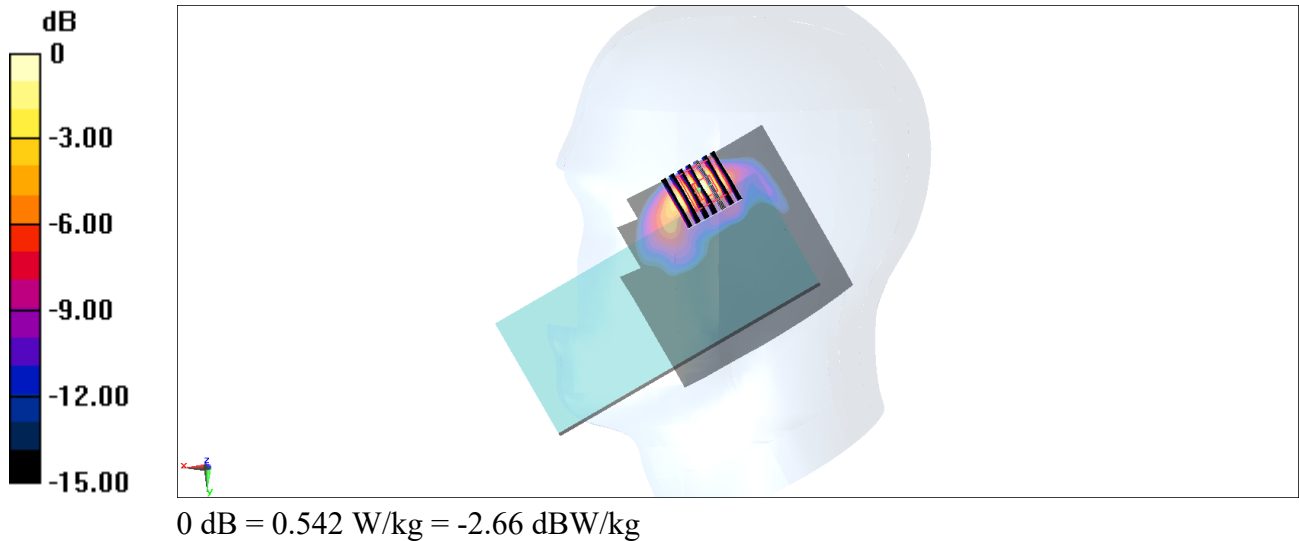
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.54 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.927 W/kg

SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.146 W/kg

Maximum value of SAR (measured) = 0.542 W/kg



#14_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch58;Chain 1

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.014

Medium: HSL_5G_200224 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.776$ S/m; $\epsilon_r = 36.74$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.54, 4.54, 4.54); Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- 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) = 0.881 W/kg

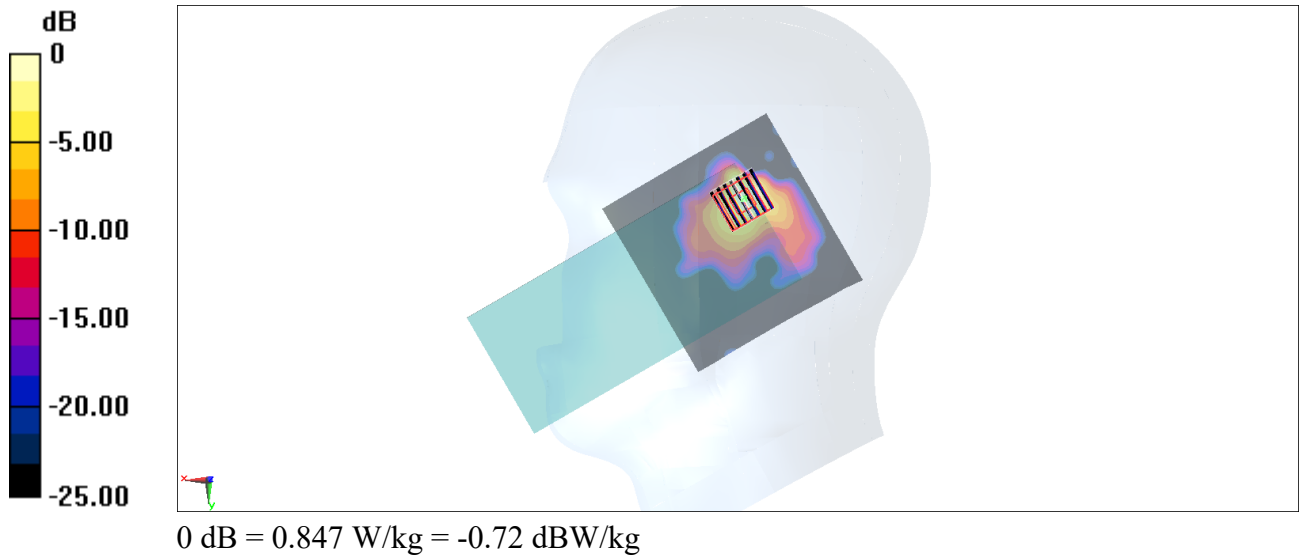
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 13.17 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.847 W/kg



#15_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch122;Chain 1

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.014

Medium: HSL_5G_200224 Medium parameters used: $f = 5610$ MHz; $\sigma = 5.1$ S/m; $\epsilon_r = 36.302$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.28, 4.28, 4.28); Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- 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) = 1.04 W/kg

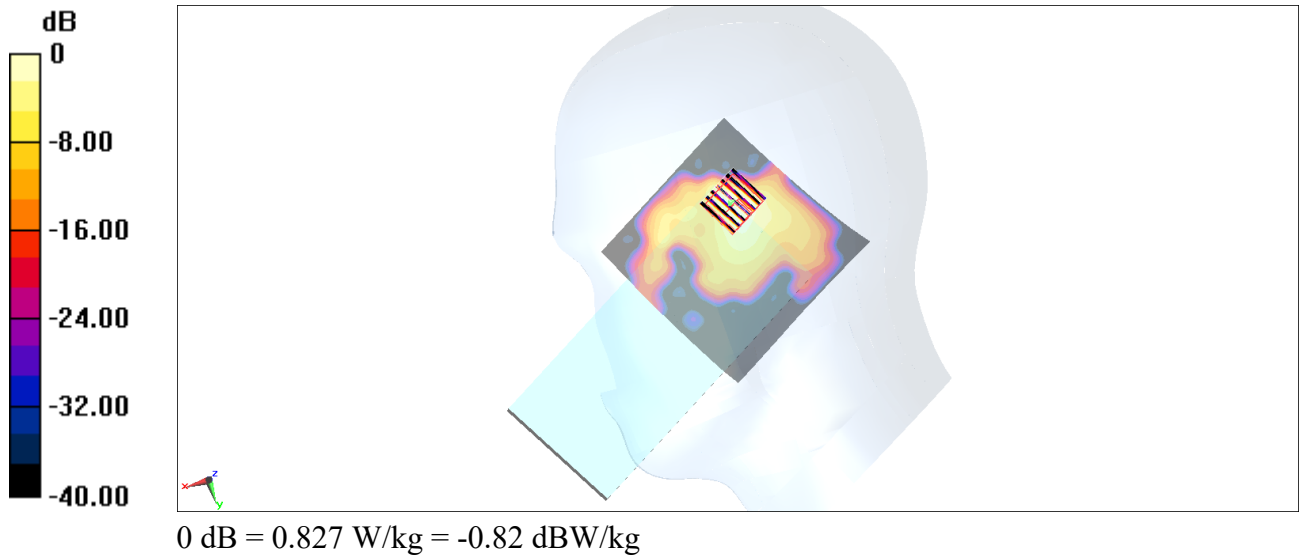
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 11.87 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 3.44 W/kg

SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.083 W/kg

Maximum value of SAR (measured) = 0.827 W/kg



#16_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch155;Chain 1

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.014

Medium: HSL_5G_200224 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.27$ S/m; $\epsilon_r = 36.102$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.36, 4.36, 4.36); Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.554 W/kg

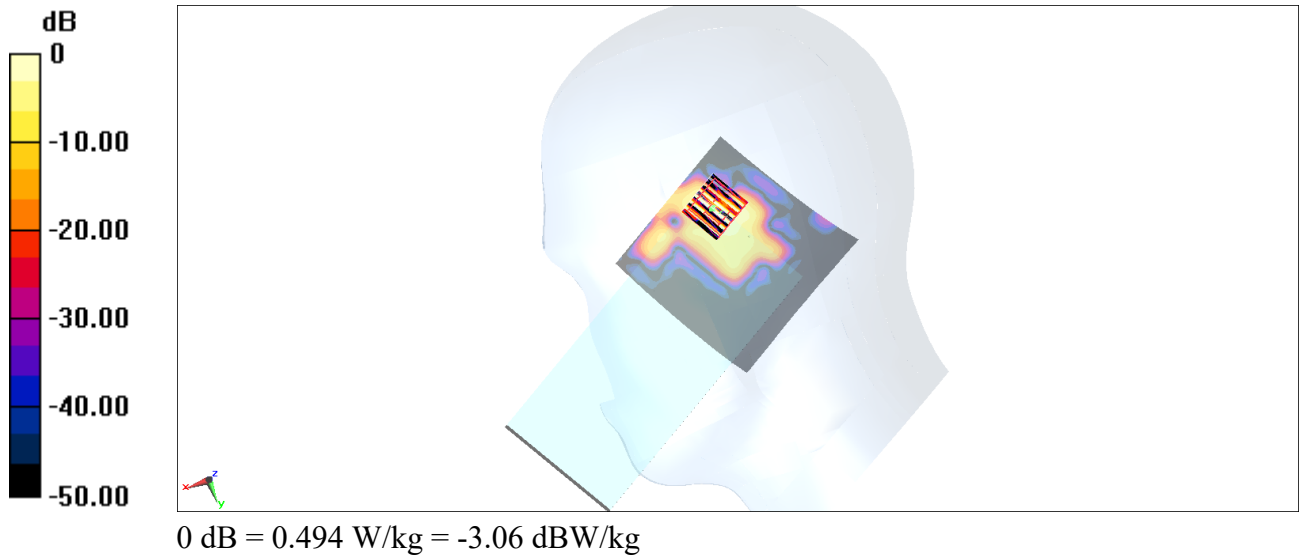
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.661 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.865 W/kg

SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.032 W/kg

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



#17_Bluetooth_1Mbps_Right Cheek_Ch39;Chain 0

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium: HSL_2450_200222 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.85$ S/m; $\epsilon_r = 38.429$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69); Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2019/4/30
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.327 W/kg

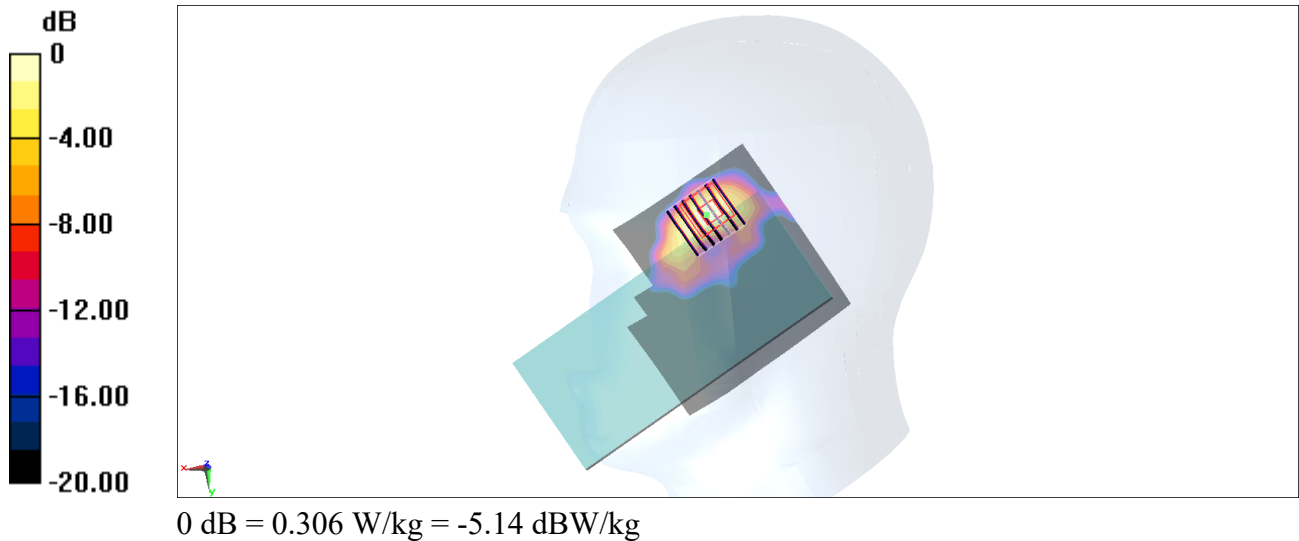
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.40 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.487 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.306 W/kg



#18_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch189

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

Medium: HSL_850_200218 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 41.738$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.41, 6.41, 6.41); Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2019/4/30
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.276 W/kg

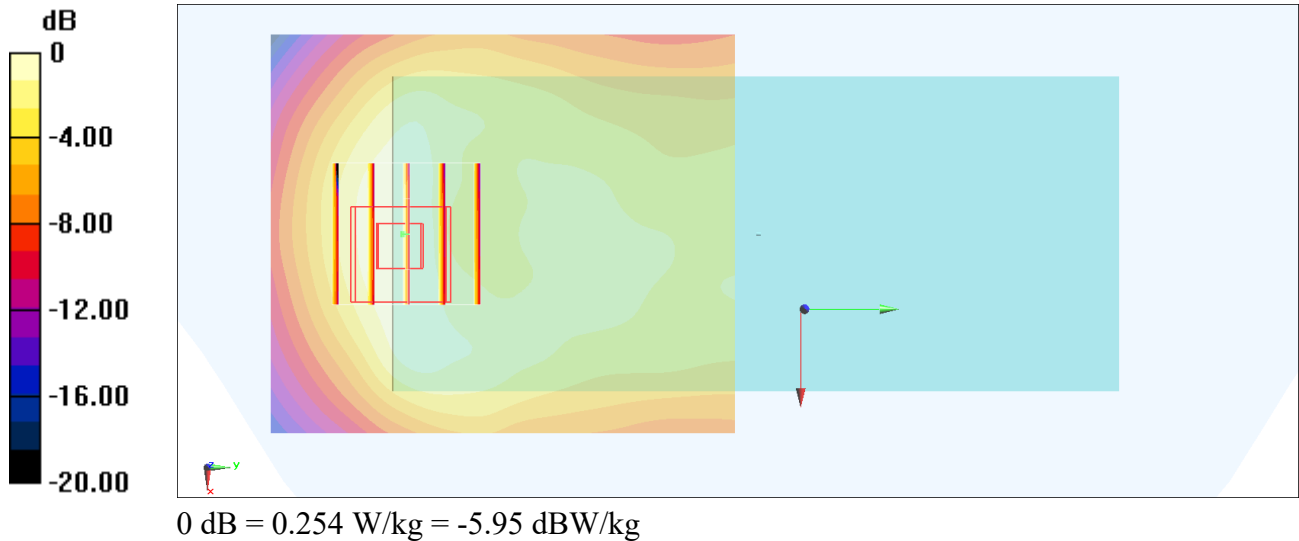
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.36 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.134 W/kg

Maximum value of SAR (measured) = 0.254 W/kg



#19_GSM1900_EDGE (4 Tx slots)_Bottom Side_10mm_Ch661

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2.08

Medium: HSL_1900_200223 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 40.809$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.15, 8.15, 8.15); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.495 W/kg

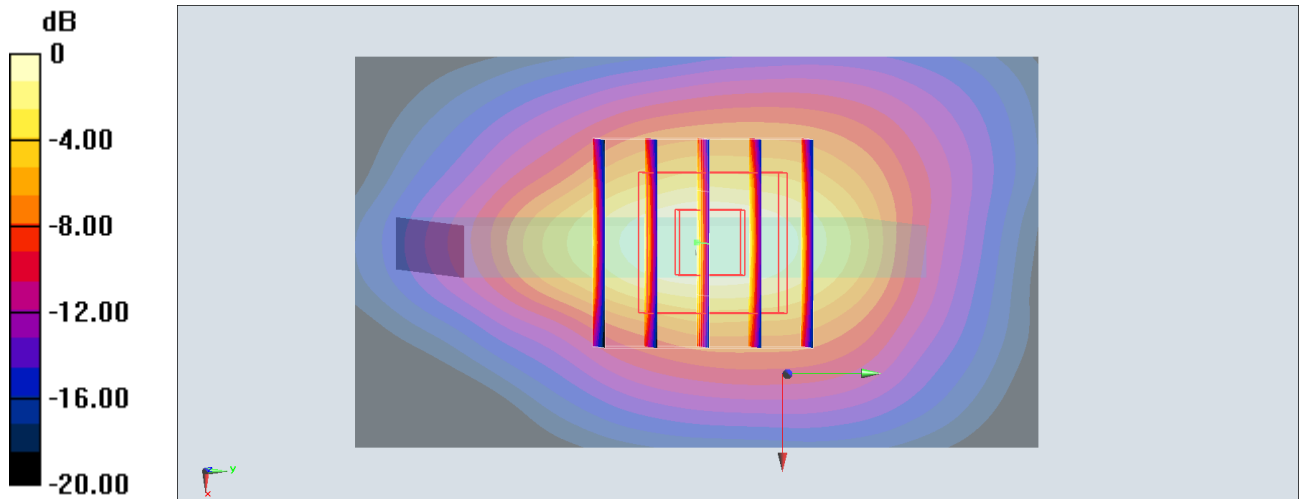
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.66 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.529 W/kg

SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.146 W/kg

Maximum value of SAR (measured) = 0.431 W/kg



0 dB = 0.431 W/kg = -3.66 dBW/kg

#20_WCDMA II_RMC 12.2Kbps_Bottom Side_10mm_Ch9538

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

Medium: HSL_1900_200223 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 40.585$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.15, 8.15, 8.15); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.695 W/kg

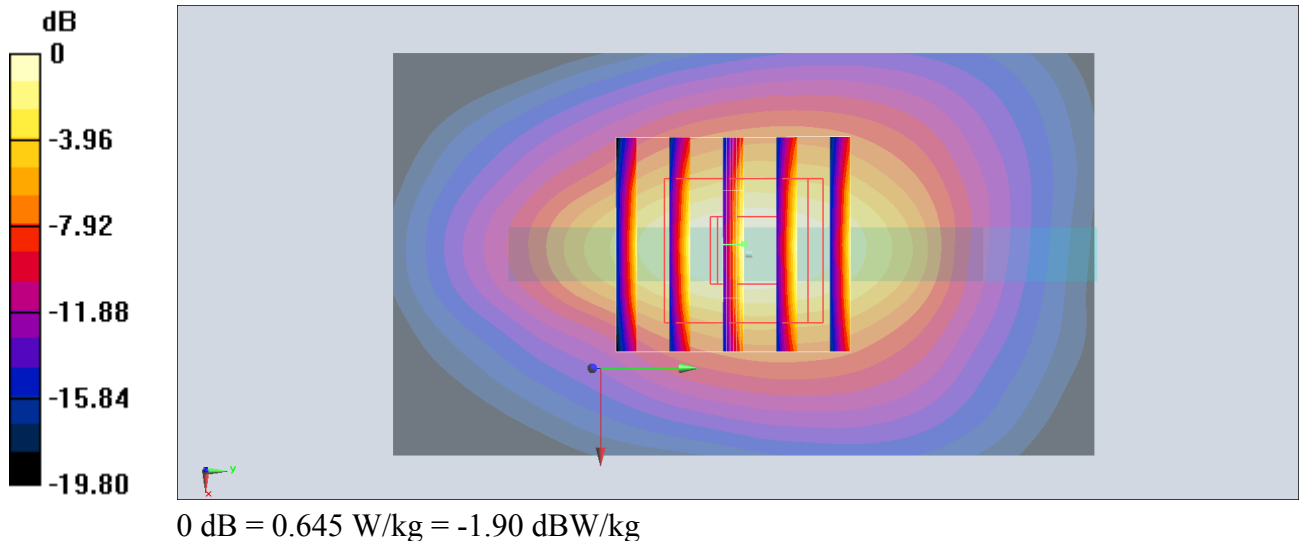
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.11 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.779 W/kg

SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (measured) = 0.645 W/kg



#21_WCDMA IV_RMC 12.2Kbps_Bottom Side_10mm_Ch1312

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL_1750_200223 Medium parameters used : $f = 1712.4$ MHz; $\sigma = 1.349$ S/m; $\epsilon_r = 39.76$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.51, 8.51, 8.51); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.652 W/kg

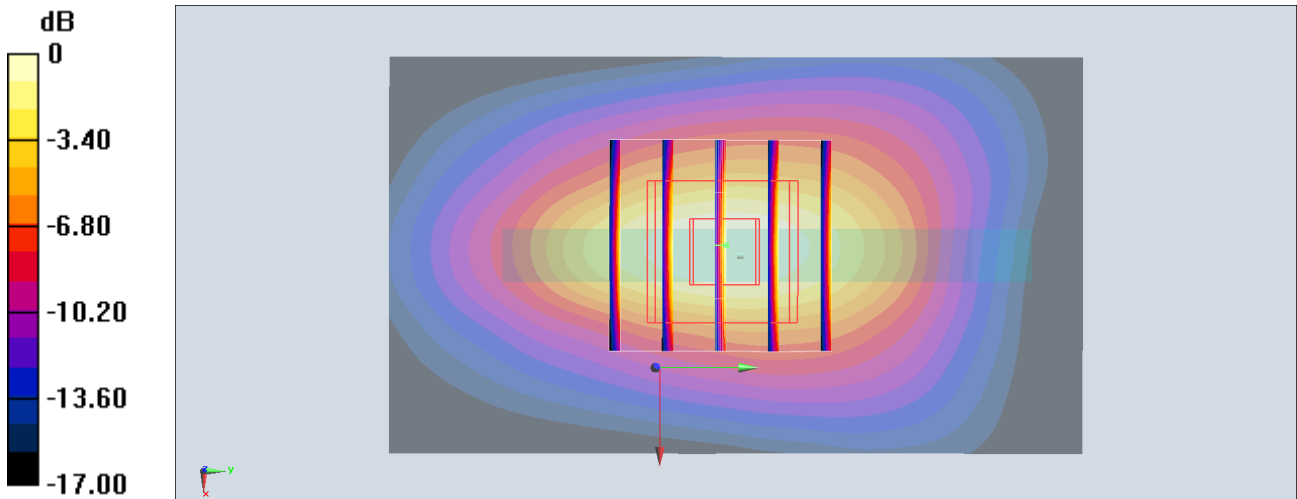
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.64 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.731 W/kg

SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.208 W/kg

Maximum value of SAR (measured) = 0.612 W/kg



0 dB = 0.612 W/kg = -2.13 dBW/kg

#22_WCDMA V_RMC 12.2Kbps_Left Side_10mm_Ch4233

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

Medium: HSL_850_200223 Medium parameters used: $f = 847$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 41.296$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.73, 9.73, 9.73); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.440 W/kg

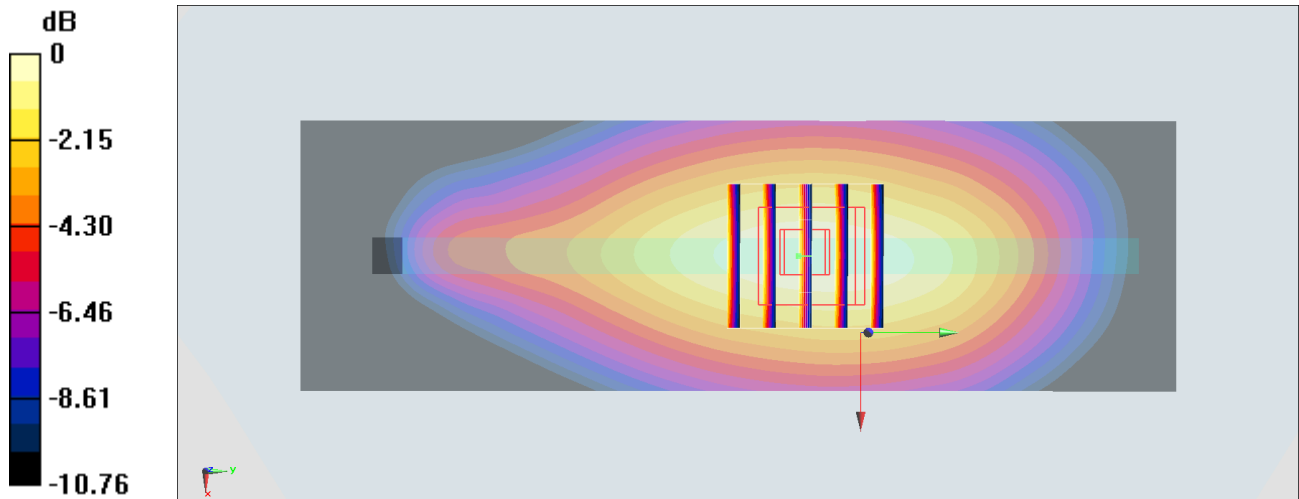
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.26 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.521 W/kg

SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.212 W/kg

Maximum value of SAR (measured) = 0.445 W/kg



0 dB = 0.445 W/kg = -3.52 dBW/kg

#23_LTE Band 7_20M_QPSK_1_99_Bottom Side_10mm_Ch20850

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

Medium: HSL_2600_200224 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.886$ S/m; $\epsilon_r = 38.44$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.3, 7.3, 7.3); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.820 W/kg

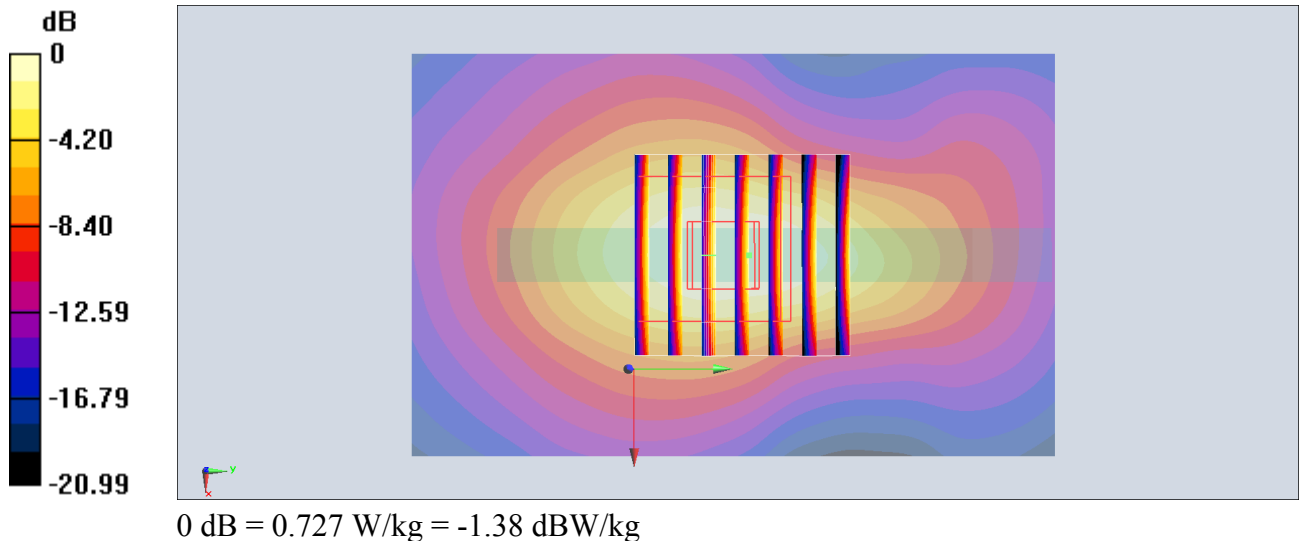
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.48 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.891 W/kg

SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.224 W/kg

Maximum value of SAR (measured) = 0.727 W/kg



#24_LTE Band 12_10M_QPSK_1_0_Back_10mm_Ch23095

Communication System: LTE ; Frequency: 707.5 MHz;Duty Cycle: 1:1

Medium: HSL_750_200222 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.858$ S/m; $\epsilon_r = 41.442$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306;ConvF(9.97, 9.97, 9.97); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.330 W/kg

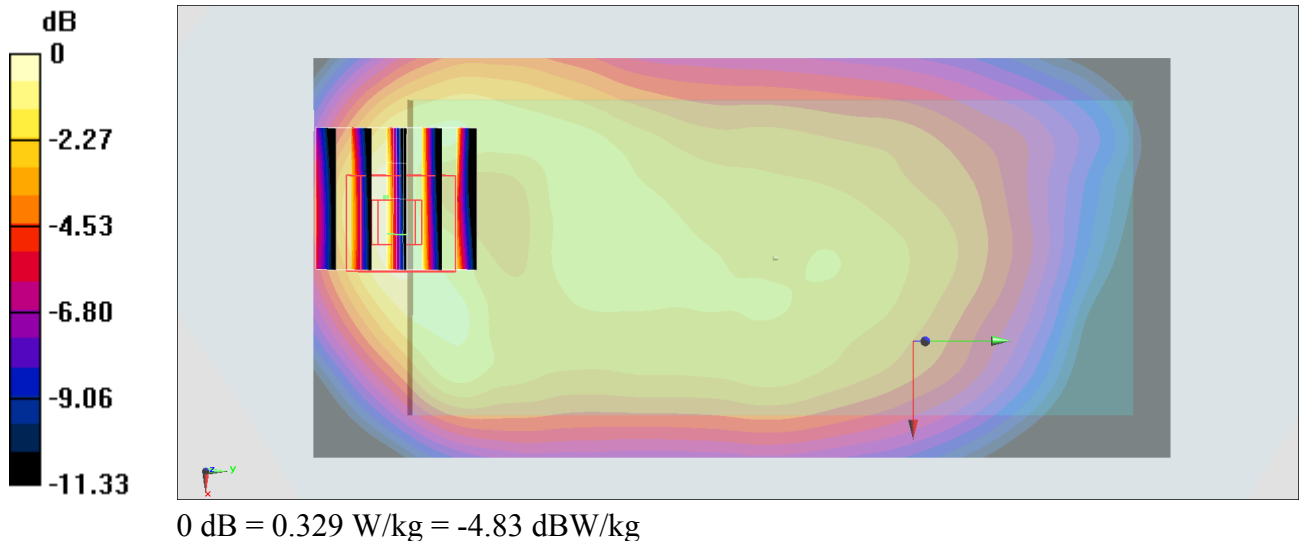
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.70 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.419 W/kg

SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.134 W/kg

Maximum value of SAR (measured) = 0.329 W/kg



#25_LTE Band 13_10M_QPSK_1_25_Left Side_10mm_Ch23230

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

Medium: HSL_750_200222 Medium parameters used: $f = 782$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 40.485$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.97, 9.97, 9.97); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (31x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.368 W/kg

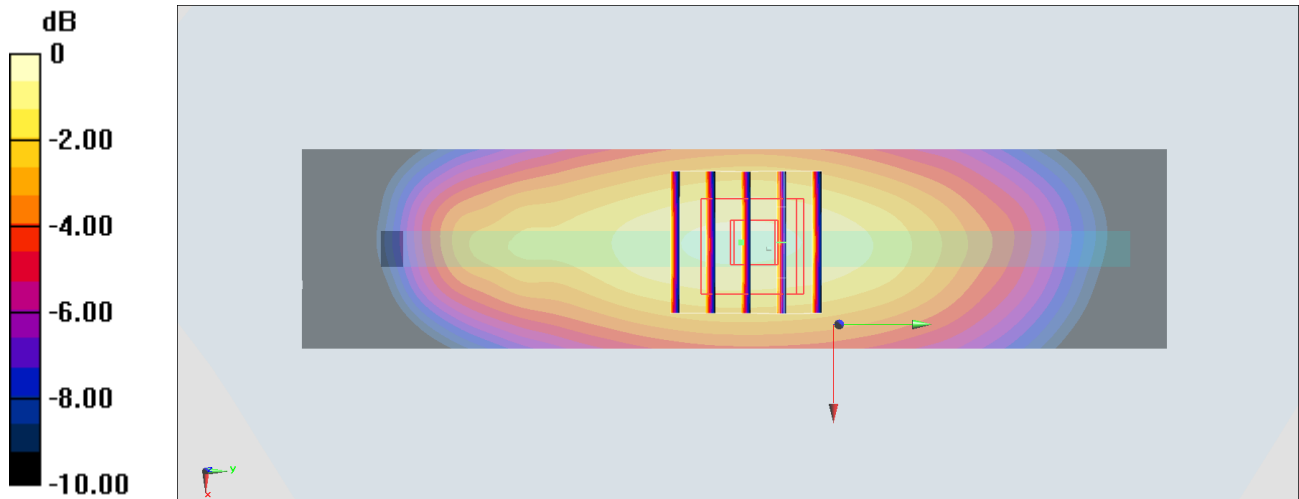
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.40 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 0.412 W/kg



0 dB = 0.412 W/kg = -3.85 dBW/kg

#26_LTE Band 25_20M_QPSK_50_0_Bottom Side_10mm_Ch26590

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL_1900_200216 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.04$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(5.23, 5.23, 5.23); Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2019/4/30
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.977 W/kg

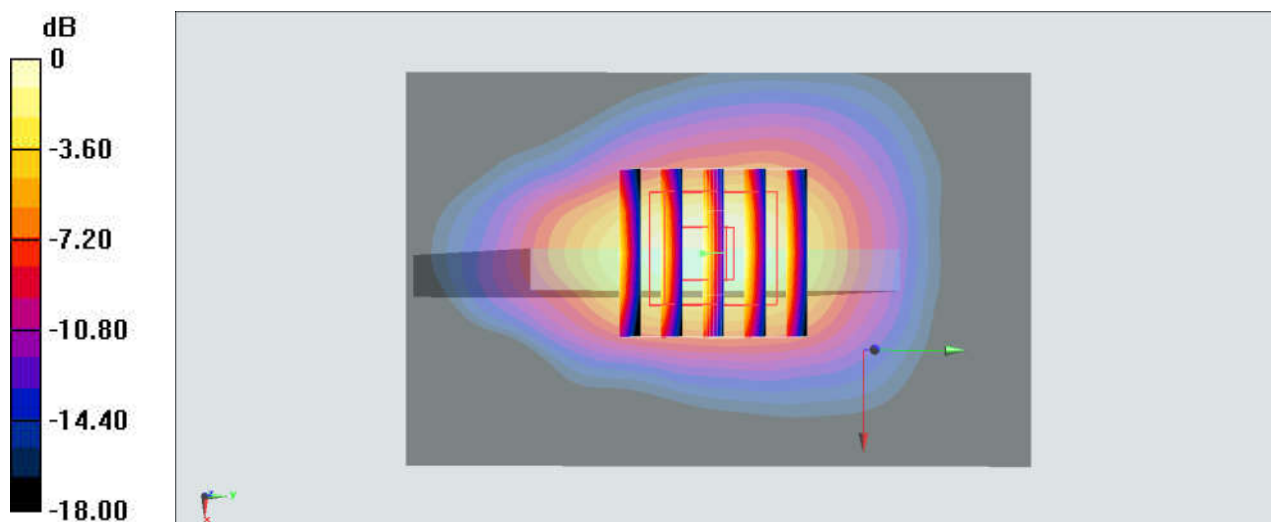
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.91 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.387 W/kg

Maximum value of SAR (measured) = 0.896 W/kg



#27_LTE Band 26_15M_QPSK_1_0_Back_10mm_Ch26865

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

Medium: HSL_850_200222 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.878$ S/m; $\epsilon_r = 41.597$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.73, 9.73, 9.73); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.328 W/kg

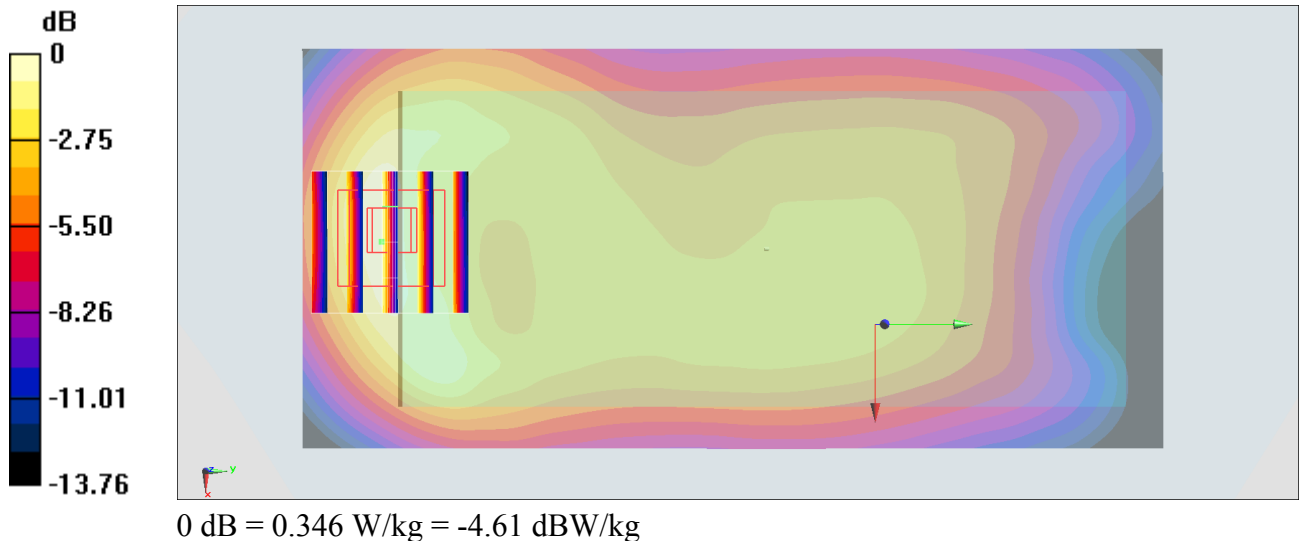
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.84 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.415 W/kg

SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (measured) = 0.346 W/kg



#28_LTE Band 66_20M_QPSK_50_24_Bottom Side_10mm_Ch132572

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

Medium: HSL_1750_200221 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.388$ S/m; $\epsilon_r = 40.544$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.51, 8.51, 8.51); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

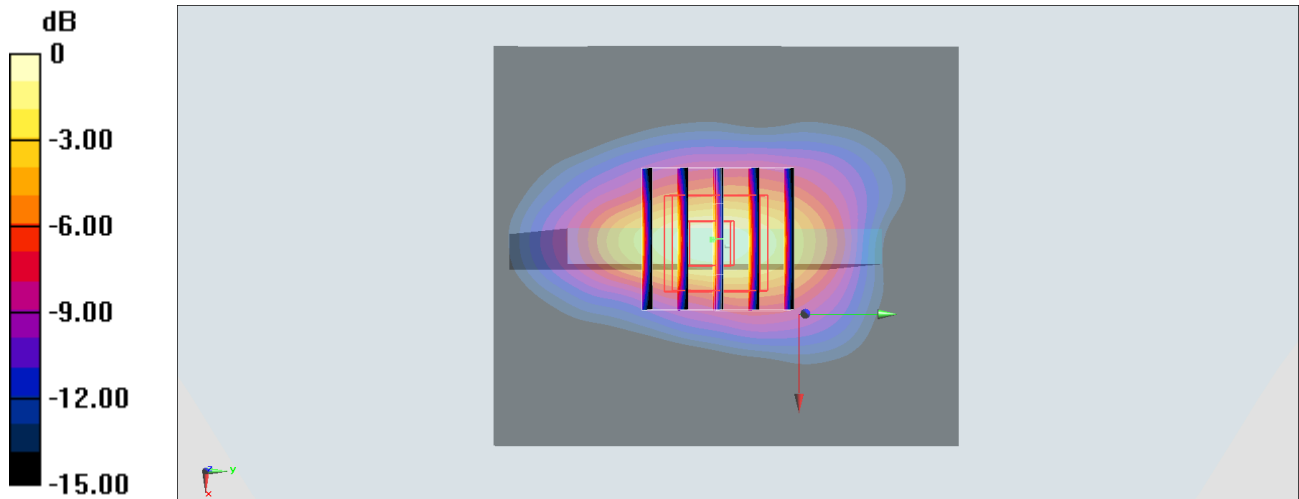
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.06 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.659 W/kg; SAR(10 g) = 0.334 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



#29_LTE Band 41_20M_QPSK_50_24_Bottom Side_10mm_Ch40185

Communication System: LTE; Frequency: 2549.5 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_200224 Medium parameters used: $f = 2550$ MHz; $\sigma = 1.926$ S/m; $\epsilon_r = 38.192$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.3, 7.3, 7.3); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.453 W/kg

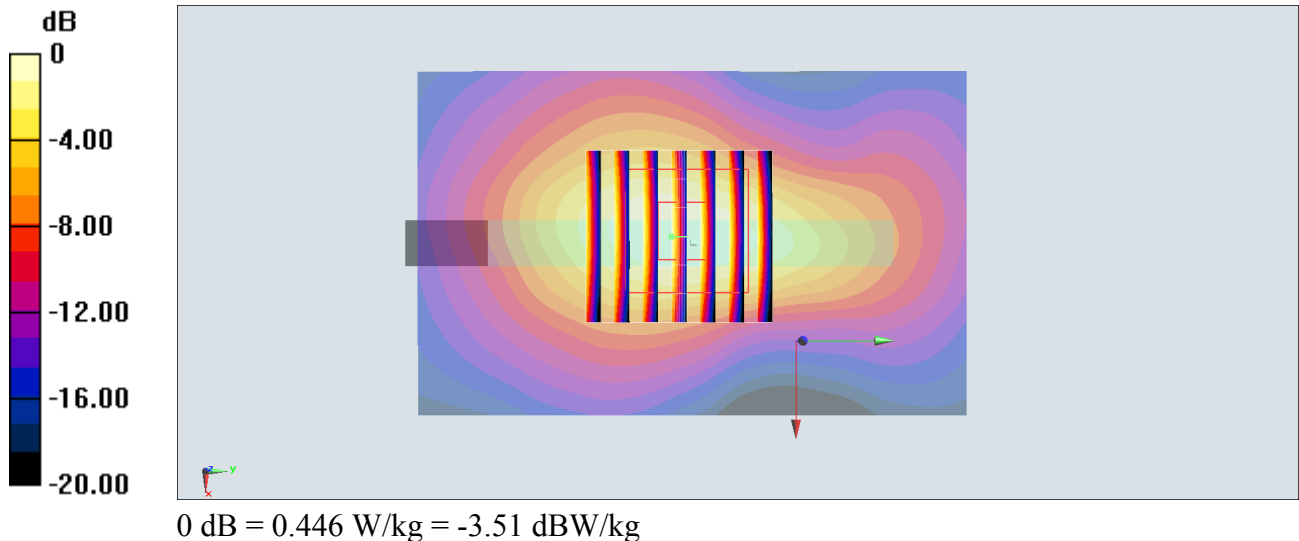
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.89 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.547 W/kg

SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.446 W/kg



#30_WLAN2.4GHz_802.11b 1Mbps_Left Side_10mm_Ch6;Chain 0

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL_2450_200222 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.848$ S/m; $\epsilon_r = 38.439$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69); Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2019/4/30
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (71x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.343 W/kg

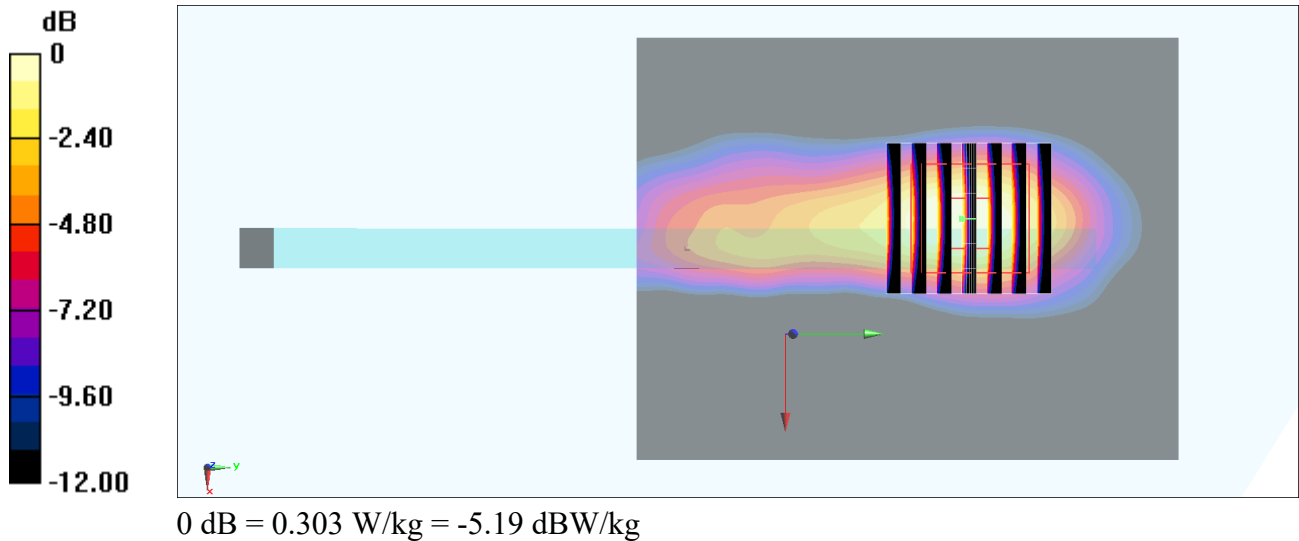
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.95 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.399 W/kg

SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.108 W/kg

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



#31_Bluetooth_1Mbps_Left Side_10mm_Ch39;Chain 0

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium: HSL_2450_200222 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.85$ S/m; $\epsilon_r = 38.429$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69); Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2019/4/30
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.199 W/kg

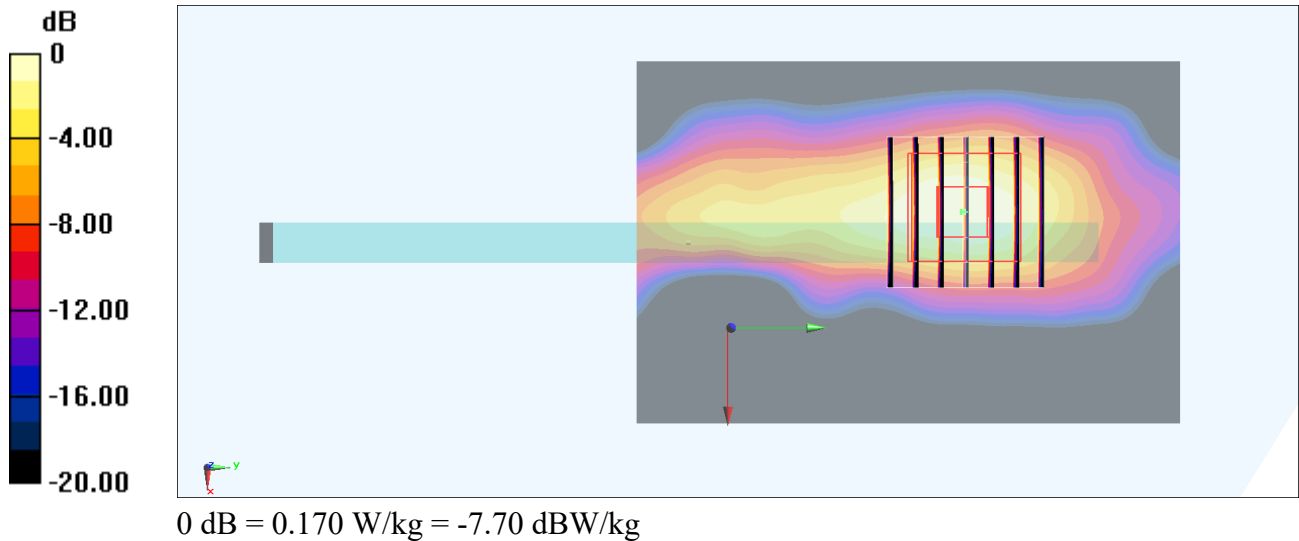
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.050 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.223 W/kg

SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.056 W/kg

Maximum value of SAR (measured) = 0.170 W/kg



#32_GSM850_GPRS (4 Tx slots)_Front_15mm_Ch189

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

Medium: HSL_850_200218 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 41.738$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.41, 6.41, 6.41); Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2019/4/30
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- 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) = 0.132 W/kg

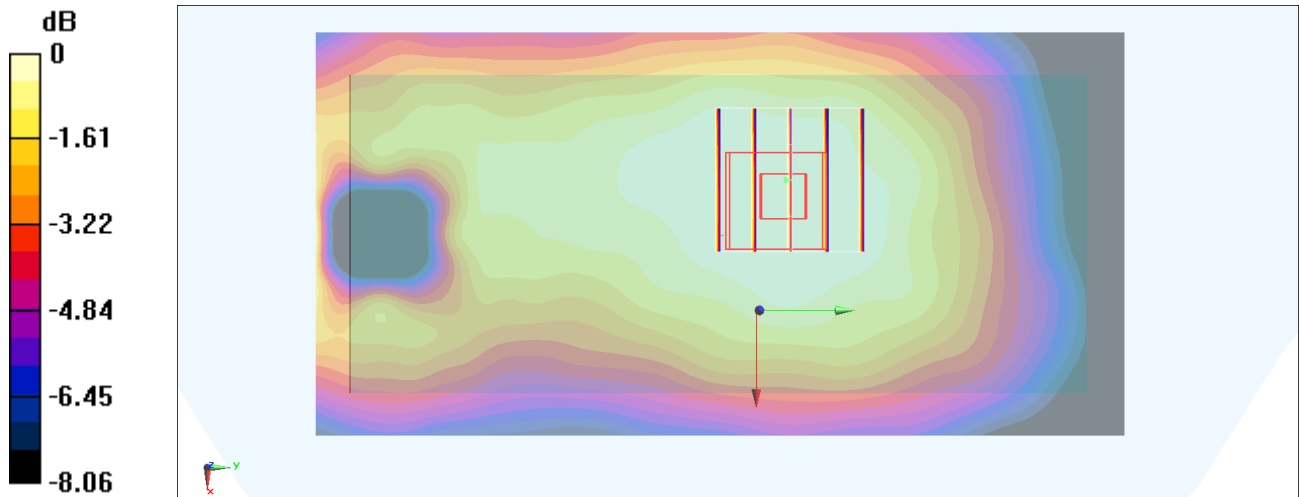
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.76 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.089 W/kg

Maximum value of SAR (measured) = 0.120 W/kg



0 dB = 0.120 W/kg = -9.21 dBW/kg

#33_GSM1900_EDGE (4 Tx slots)_Back_15mm_Ch661

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2.08

Medium: HSL_1900_200223 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 40.809$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.15, 8.15, 8.15); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.134 W/kg

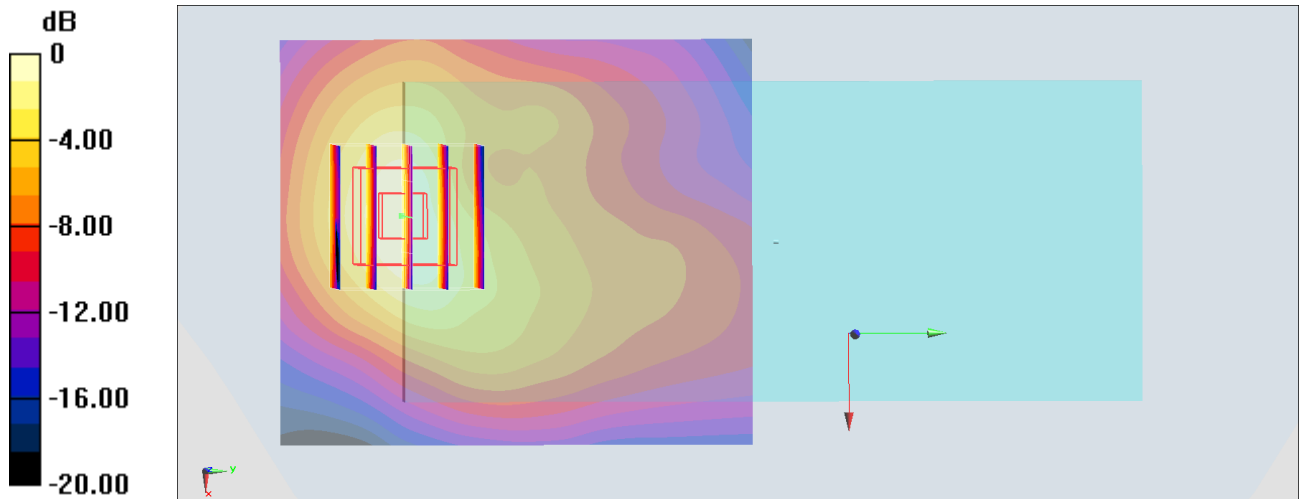
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.687 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.139 W/kg



0 dB = 0.139 W/kg = -8.57 dBW/kg

#34_WCDMA II_RMC 12.2Kbps_Back_15mm_Ch9538

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

Medium: HSL_1900_200223 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 40.585$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.15, 8.15, 8.15); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.195 W/kg

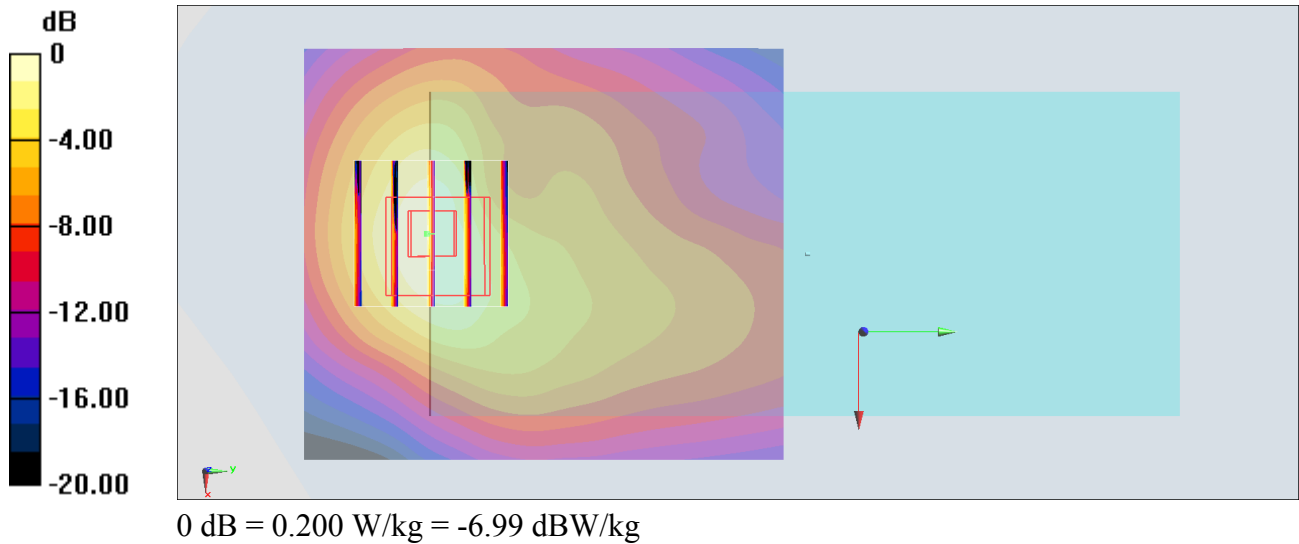
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.923 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.200 W/kg



#35_WCDMA IV_RMC 12.2Kbps_Back_15mm_Ch1312

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL_1750_200221 Medium parameters used : $f = 1712.4$ MHz; $\sigma = 1.33$ S/m; $\epsilon_r = 40.76$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.51, 8.51, 8.51); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.237 W/kg

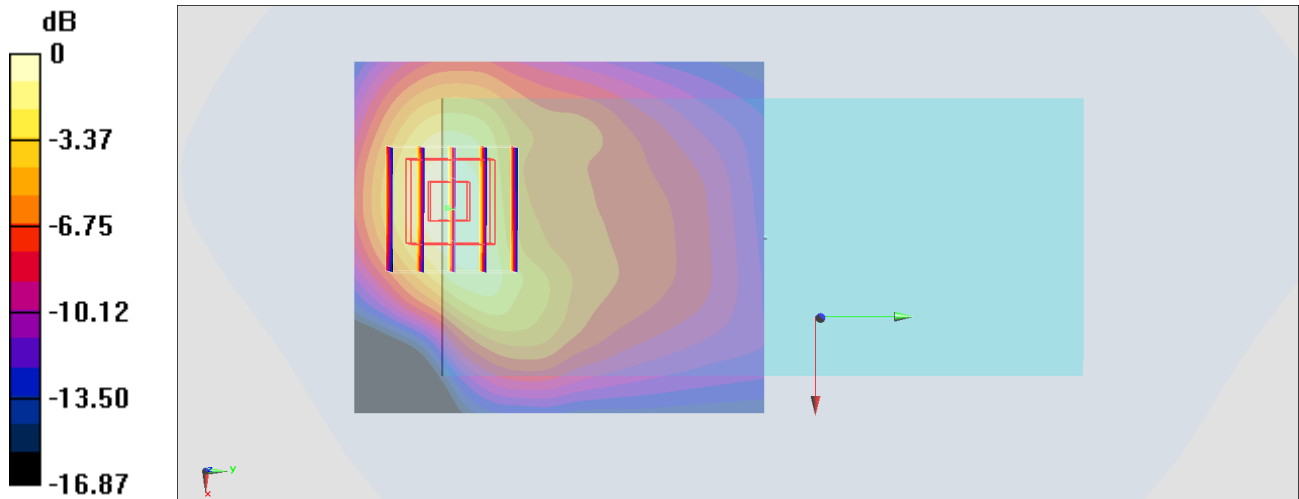
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.53 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.280 W/kg

SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (measured) = 0.240 W/kg



0 dB = 0.240 W/kg = -6.20 dBW/kg

#36_WCDMA V_RMC 12.2Kbps_Back_15mm_Ch4233

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

Medium: HSL_850_200223 Medium parameters used: $f = 847$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 41.296$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.73, 9.73, 9.73); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.232 W/kg

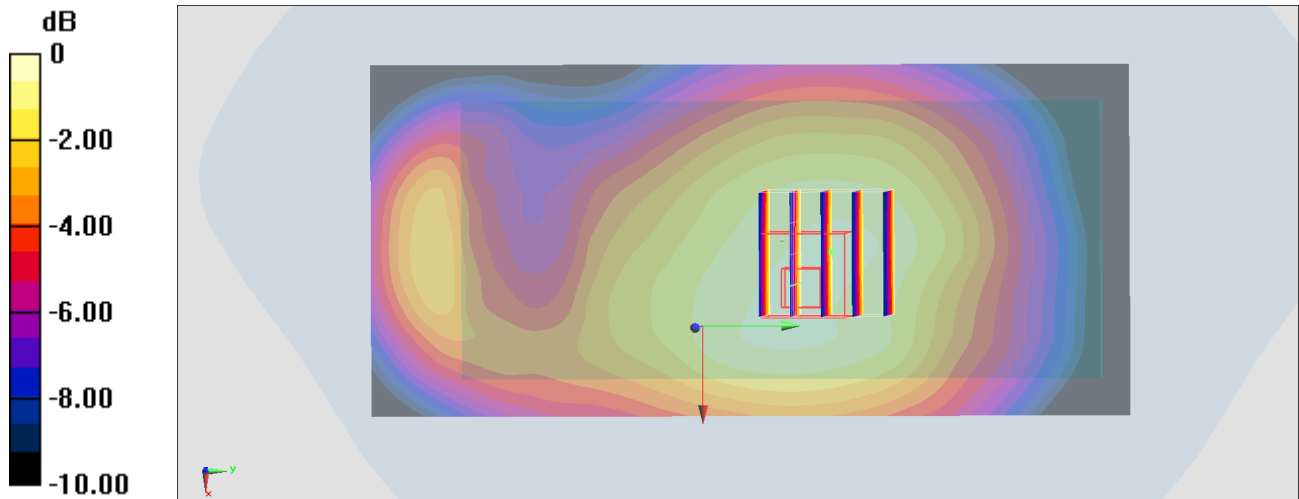
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.80 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.131 W/kg

Maximum value of SAR (measured) = 0.256 W/kg



0 dB = 0.256 W/kg = -5.92 dBW/kg

#37_LTE Band 7_20M_QPSK_50_50_Back_15mm_Ch21100

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600_200224 Medium parameters used : $f = 2535$ MHz; $\sigma = 1.894$ S/m; $\epsilon_r = 38.281$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.3, 7.3, 7.3); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.165 W/kg

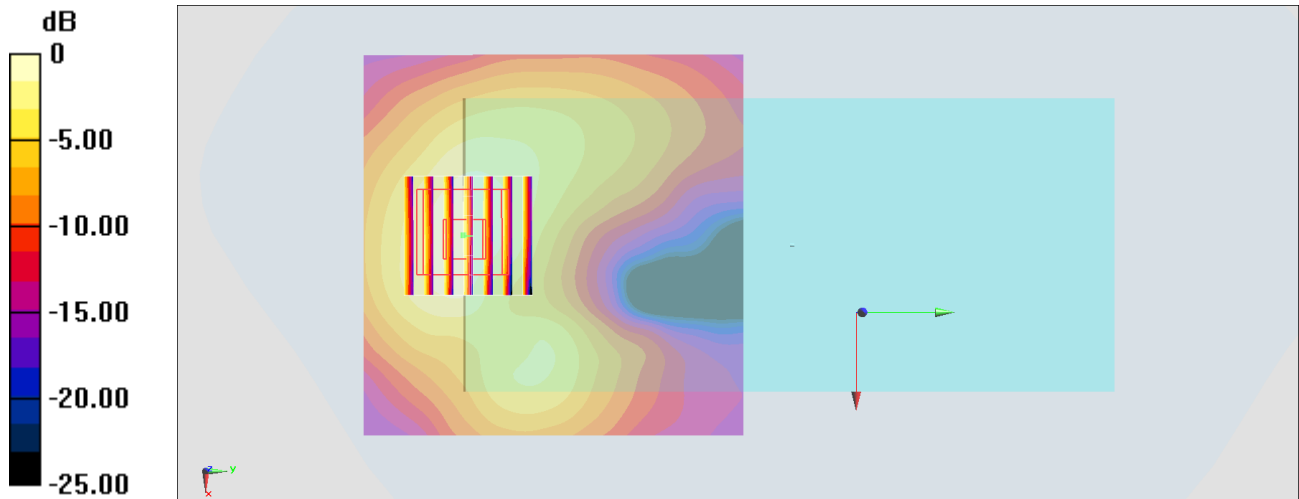
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.136 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.167 W/kg



0 dB = 0.167 W/kg = -7.77 dBW/kg

#38_LTE Band 12_10M_QPSK_1_0_Front_15mm_Ch23095

Communication System: LTE ; Frequency: 707.5 MHz;Duty Cycle: 1:1

Medium: HSL_750_200223 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 41.142$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306;ConvF(9.97, 9.97, 9.97); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.219 W/kg

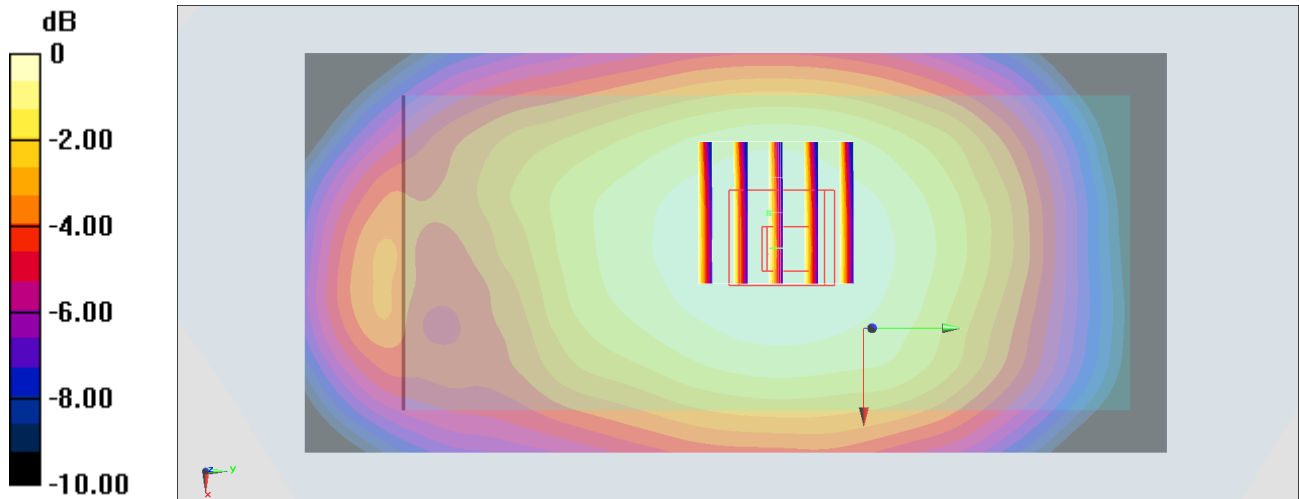
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.85 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.133 W/kg

Maximum value of SAR (measured) = 0.219 W/kg



0 dB = 0.219 W/kg = -6.60 dBW/kg

#39_LTE Band 13_10M_QPSK_1_25_Front_15mm_Ch23230

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

Medium: HSL_750_200223 Medium parameters used: $f = 782$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 40.185$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.97, 9.97, 9.97); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.241 W/kg

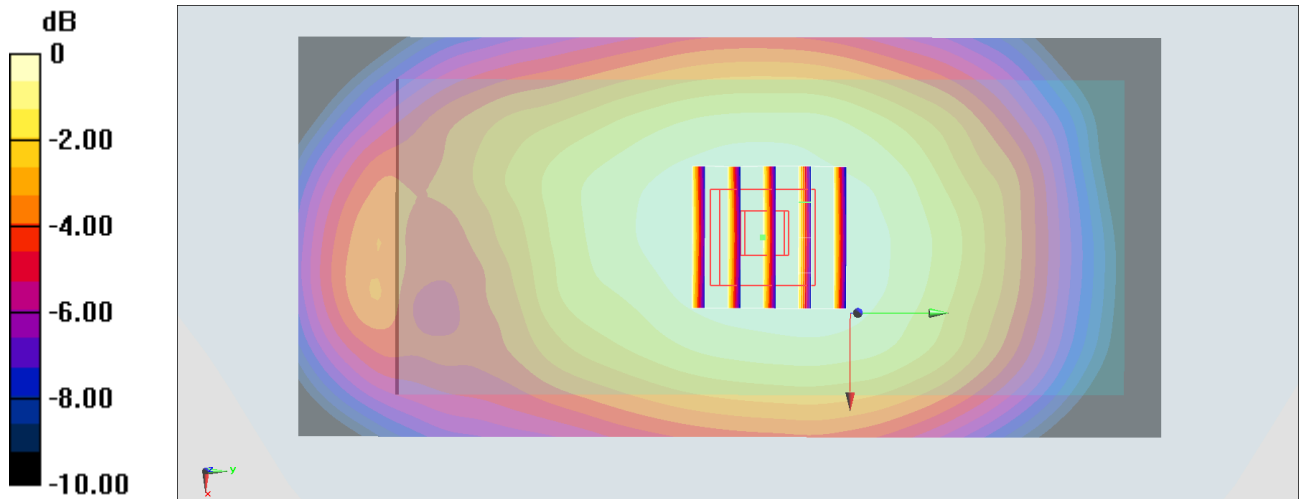
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.02 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (measured) = 0.241 W/kg



0 dB = 0.241 W/kg = -6.18 dBW/kg

#40_LTE Band 25_20M_QPSK_50_24_Back_15mm_Ch26140

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL_1900_200216 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.435$ S/m; $\epsilon_r = 39.758$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(5.23, 5.23, 5.23); Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2019/4/30
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.422 W/kg

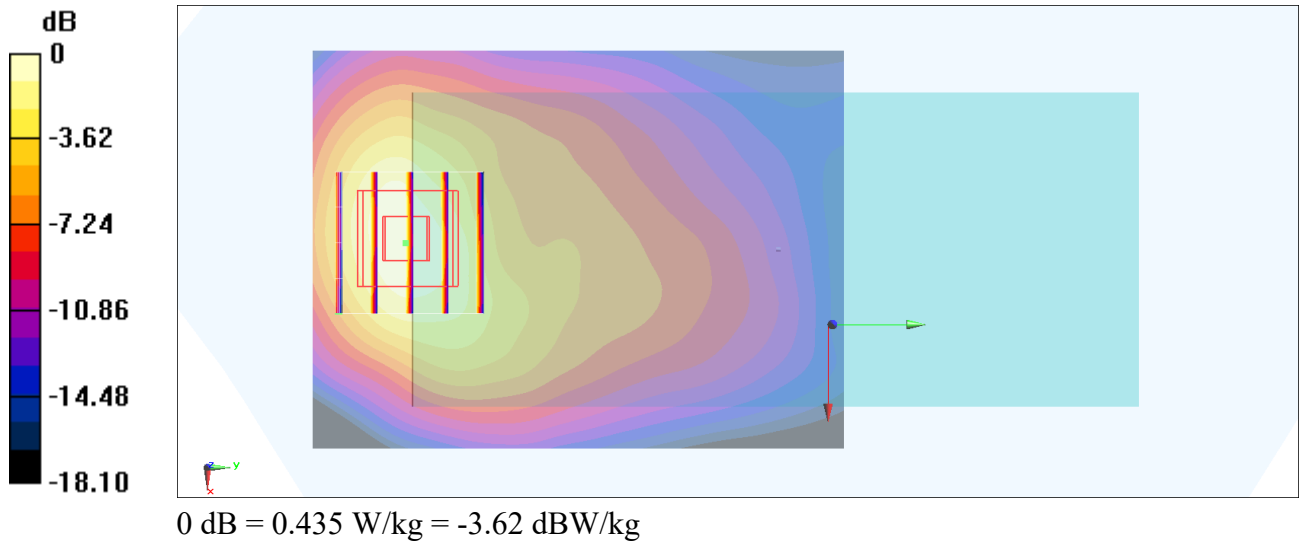
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.44 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.548 W/kg

SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 0.435 W/kg



#41_LTE Band 26_15M_QPSK_1_0_Front_15mm_Ch26865

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

Medium: HSL_850_200222 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.878$ S/m; $\epsilon_r = 41.597$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.73, 9.73, 9.73); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.214 W/kg

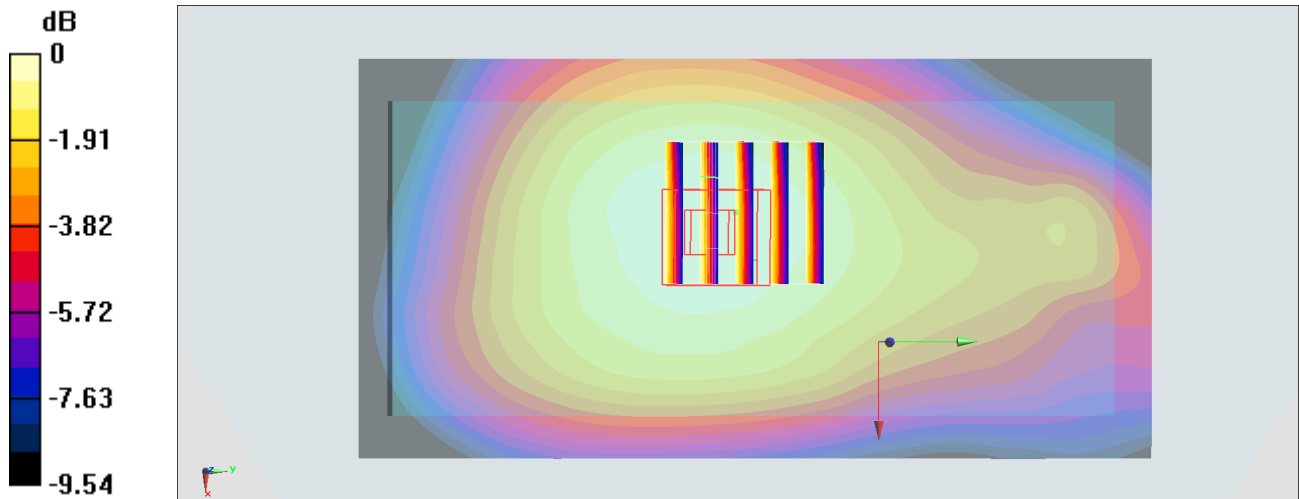
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.89 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.213 W/kg



0 dB = 0.213 W/kg = -6.72 dBW/kg

#42_LTE Band 66_20M_QPSK_1_0_Back_15mm_Ch132322

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL_1750_200221 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.363$ S/m; $\epsilon_r = 40.638$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.51, 8.51, 8.51); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.610 W/kg

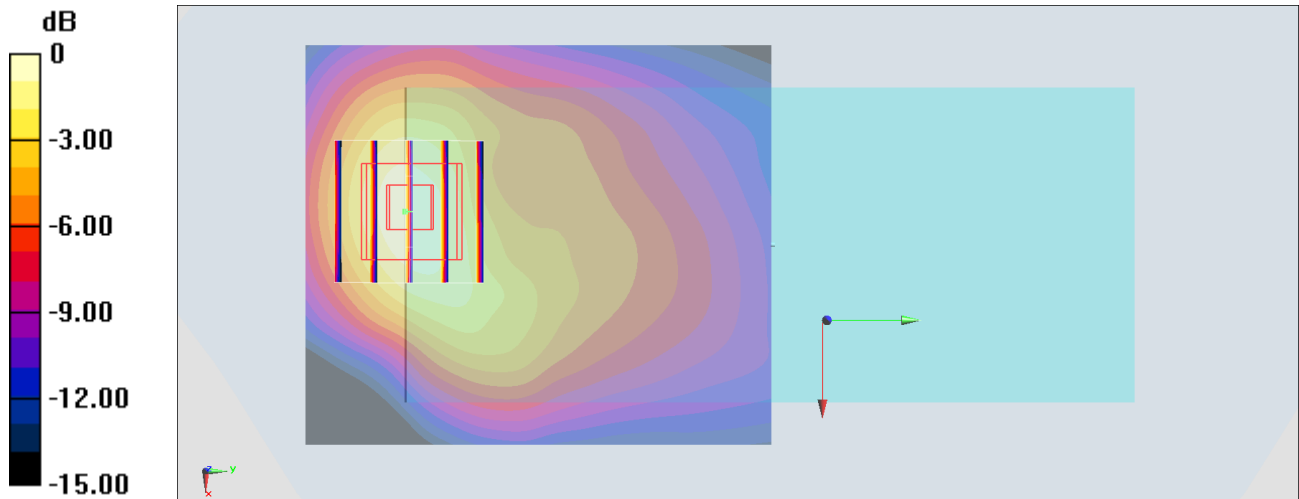
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.02 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.742 W/kg

SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.258 W/kg

Maximum value of SAR (measured) = 0.633 W/kg



0 dB = 0.633 W/kg = -1.99 dBW/kg

#43_LTE Band 41_20M_QPSK_50_24_Front_15mm_Ch40185

Communication System: LTE; Frequency: 2549.5 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_200224 Medium parameters used: $f = 2550$ MHz; $\sigma = 1.926$ S/m; $\epsilon_r = 38.192$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.3, 7.3, 7.3); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.101 W/kg

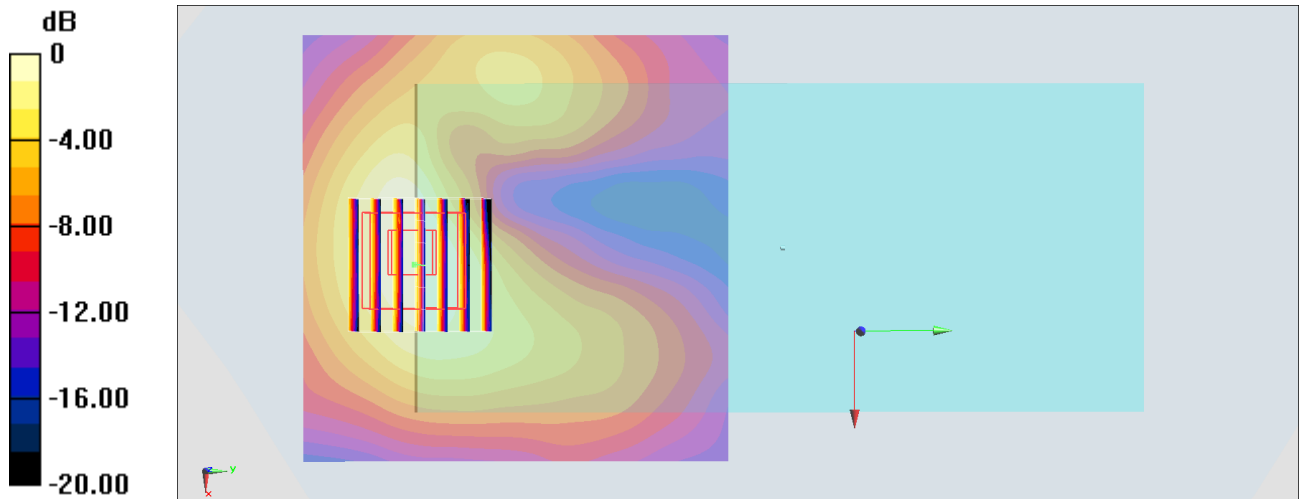
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.677 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.0992 W/kg



0 dB = 0.0992 W/kg = -10.03 dBW/kg

#44_WLAN2.4GHz_802.11b 1Mbps_Back_15mm_Ch6;Chain 0

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL_2450_200222 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.848$ S/m; $\epsilon_r = 38.439$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69); Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2019/4/30
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.105 W/kg

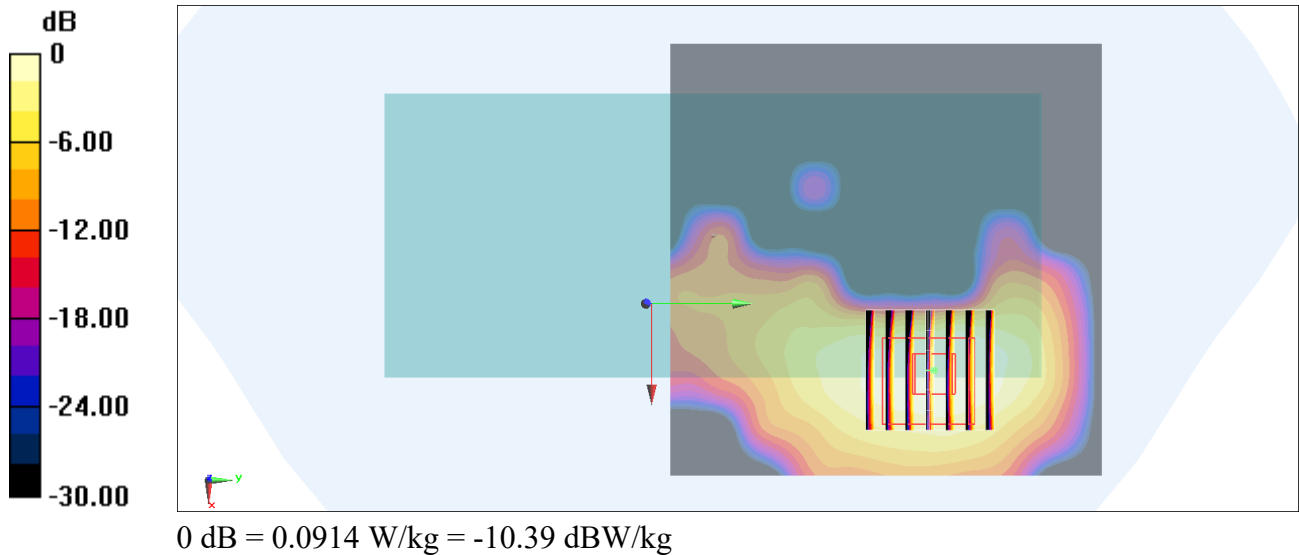
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.597 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.0914 W/kg



#45_WLAN5GHz_802.11ac-VHT80 MCS0_Back_15mm_Ch58;Chain 0

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.014

Medium: HSL_5G_200224 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.776$ S/m; $\epsilon_r = 36.74$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.54, 4.54, 4.54); Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- 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) = 0.0720 W/kg

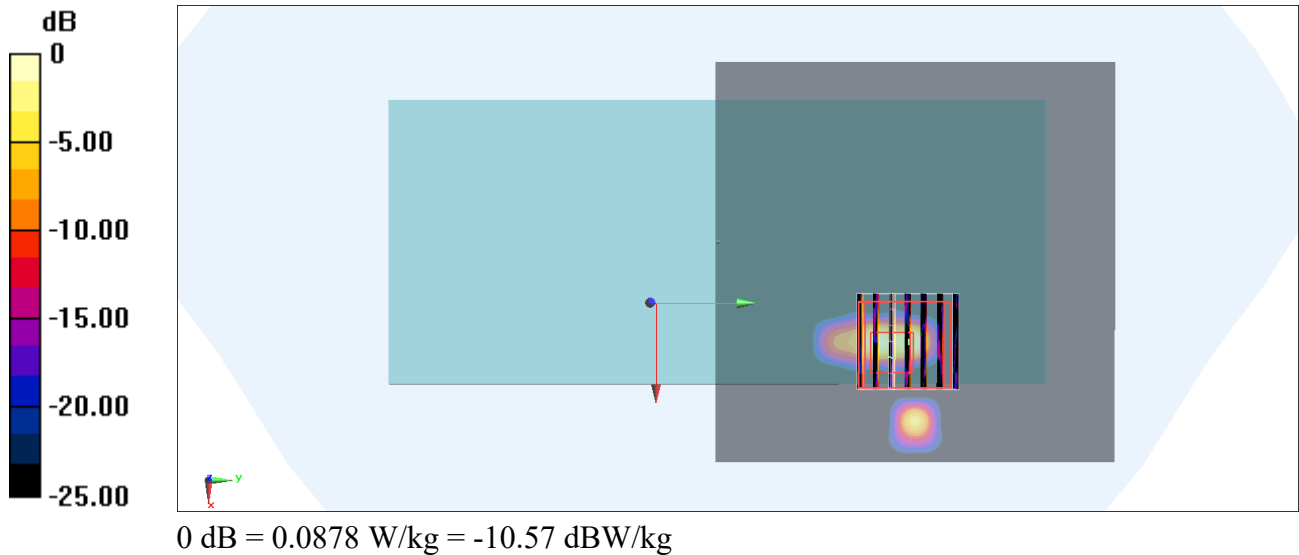
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 2.146 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.00864 W/kg

Maximum value of SAR (measured) = 0.0878 W/kg



#46_WLAN5GHz_802.11ac-VHT80 MCS0_Back_15mm_Ch122;Chain 1

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.014

Medium: HSL_5G_200225 Medium parameters used: $f = 5610$ MHz; $\sigma = 5.056$ S/m; $\epsilon_r = 35.356$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.28, 4.28, 4.28); Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- 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) = 0.105 W/kg

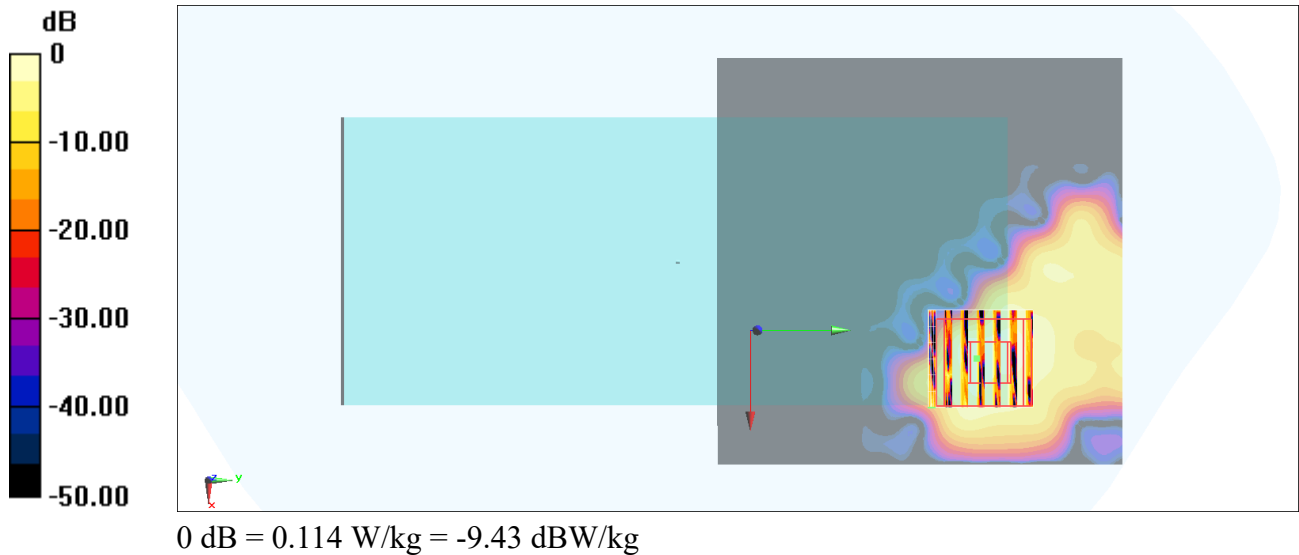
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 3.412 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.306 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.00654 W/kg

Maximum value of SAR (measured) = 0.114 W/kg



#47_WLAN5GHz_802.11ac_VHT80 MCS0_Back_15mm_Ch155;Chain 1

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.014

Medium: HSL_5G_200225 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.211$ S/m; $\epsilon_r = 35.129$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.36, 4.36, 4.36); Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- 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) = 0.109 W/kg

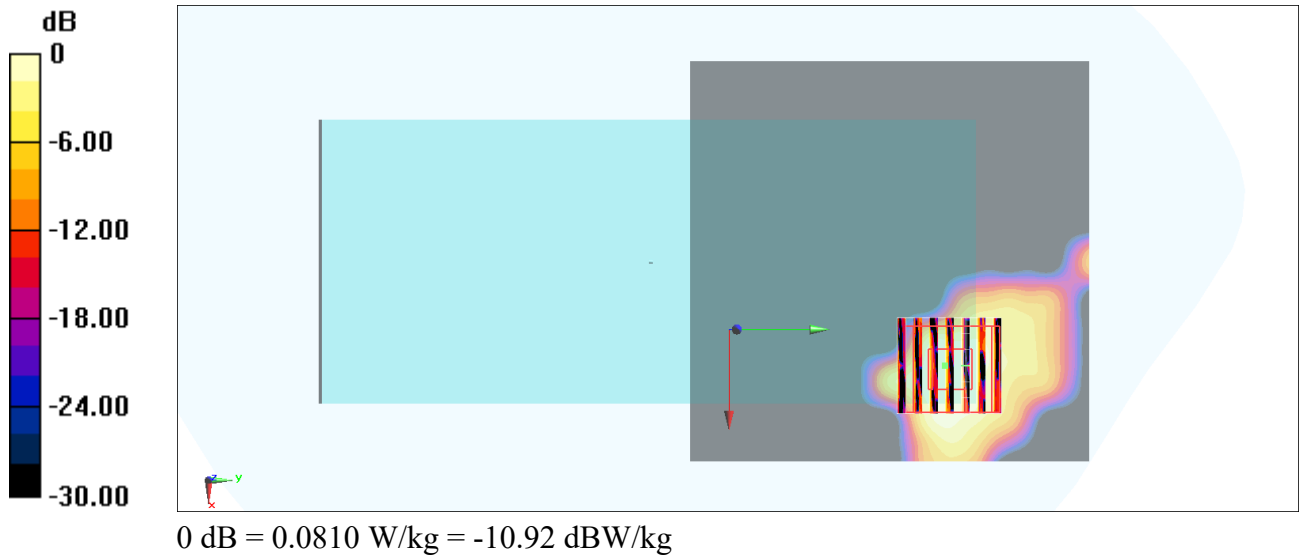
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 2.322 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.010 W/kg

Maximum value of SAR (measured) = 0.0810 W/kg



#48_Bluetooth_1Mbps_Back_15mm_Ch39;Chain 0

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium: HSL_2450_200222 Medium parameters used : $f = 2441$ MHz; $\sigma = 1.85$ S/m; $\epsilon_r = 38.429$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69); Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2019/4/30
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0592 W/kg

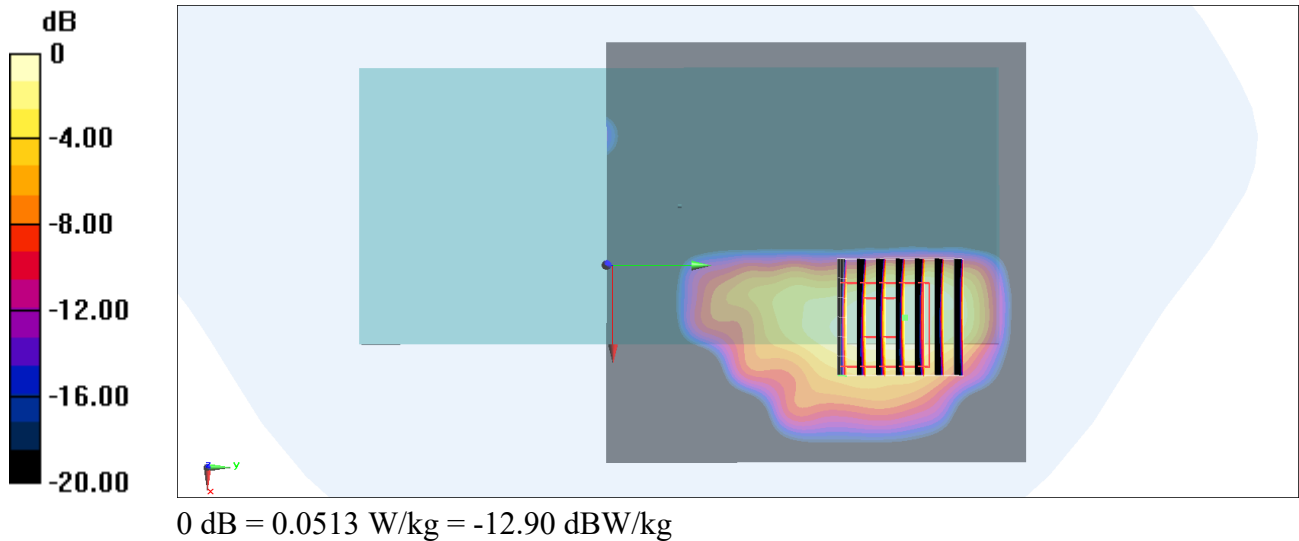
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.504 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0990 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0513 W/kg



#49_WCDMA II_RMC 12.2Kbps_Bottom Side_0mm_Ch9538

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

Medium: HSL_1900_200223 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 40.585$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.15, 8.15, 8.15); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 3.23 W/kg

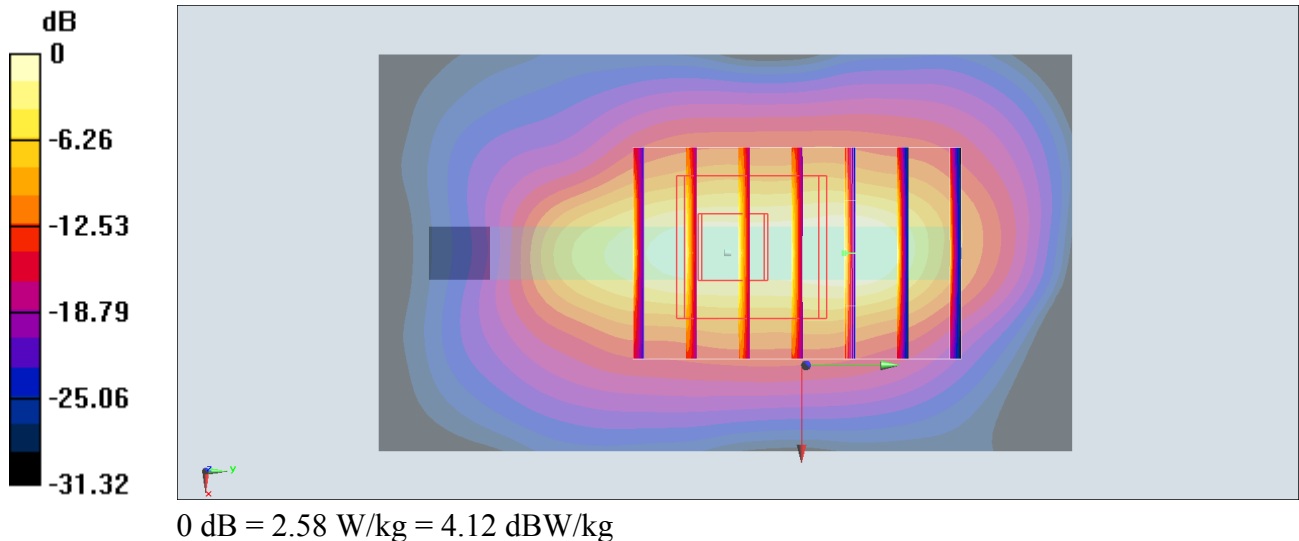
Zoom Scan (5x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.49 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.512 W/kg

Maximum value of SAR (measured) = 2.58 W/kg



#50_WCDMA IV_RMC 12.2Kbps_Bottom Side_0mm_Ch1312

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL_1750_200223 Medium parameters used : $f = 1712.4$ MHz; $\sigma = 1.349$ S/m; $\epsilon_r = 39.76$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.51, 8.51, 8.51); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 5.76 W/kg

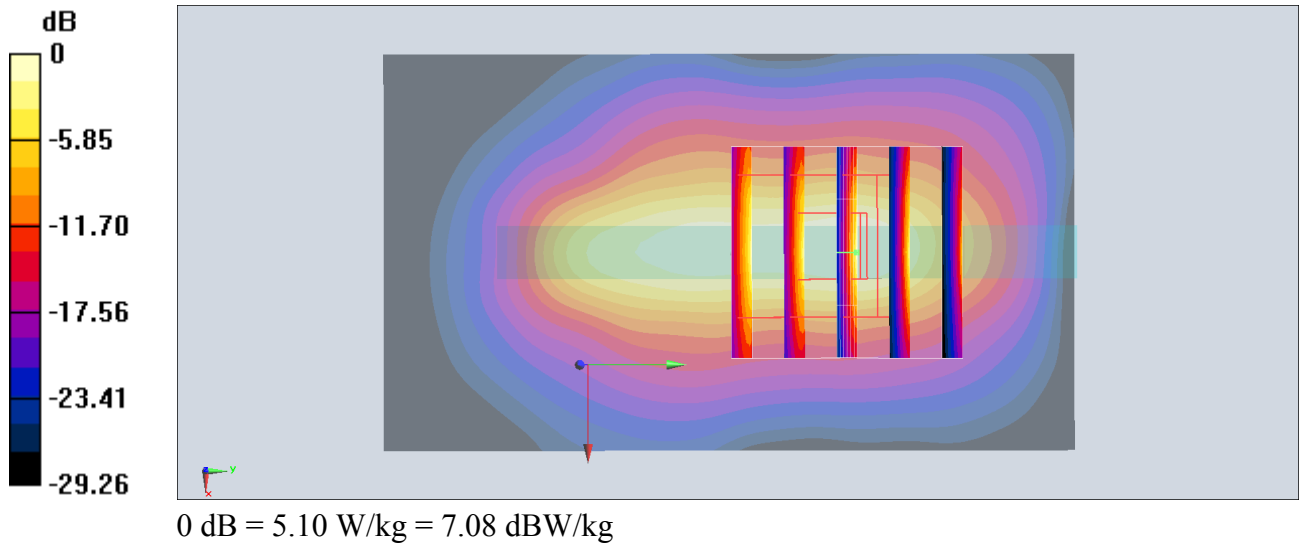
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.68 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 7.02 W/kg

SAR(1 g) = 1.98 W/kg; SAR(10 g) = 0.816 W/kg

Maximum value of SAR (measured) = 5.10 W/kg



#51_LTE Band 7_20M_QPSK_1_99_Bottom Side_0mm_Ch20850

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

Medium: HSL_2600_200224 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.886$ S/m; $\epsilon_r = 38.44$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.3, 7.3, 7.3); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 5.60 W/kg

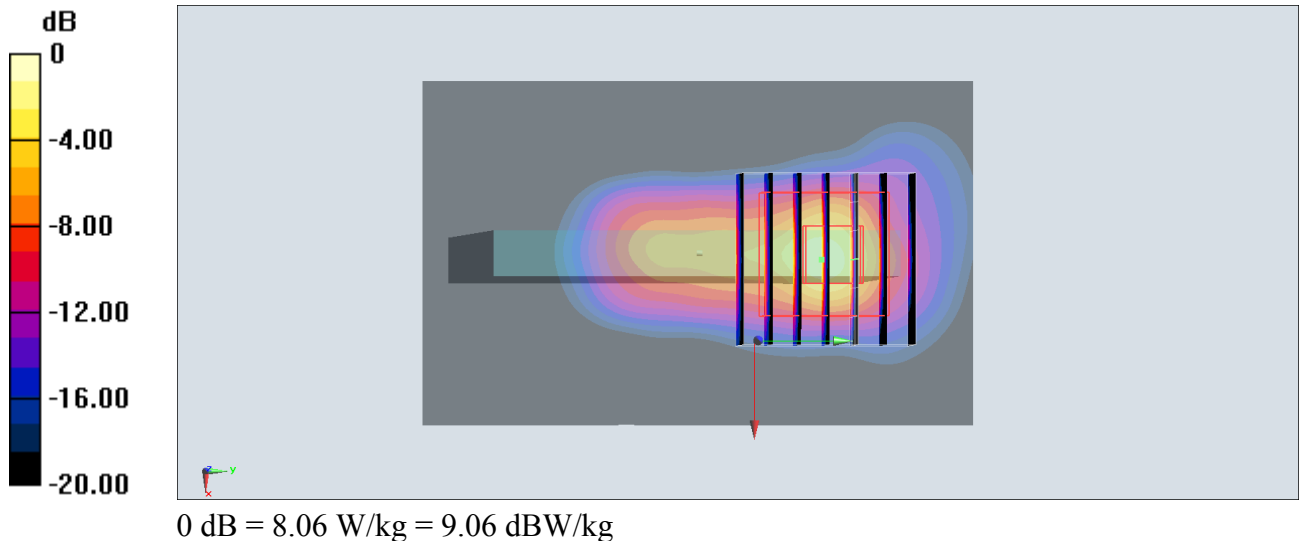
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 46.82 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 12.4 W/kg

SAR(1 g) = 3.4 W/kg; SAR(10 g) = 1.07 W/kg

Maximum value of SAR (measured) = 8.06 W/kg



#52_LTE Band 25_20M_QPSK_1_0_Bottom Side_0mm_Ch26140

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL_1900_200216 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.435$ S/m; $\epsilon_r = 39.758$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(5.23, 5.23, 5.23); Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2019/4/30
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.33 W/kg

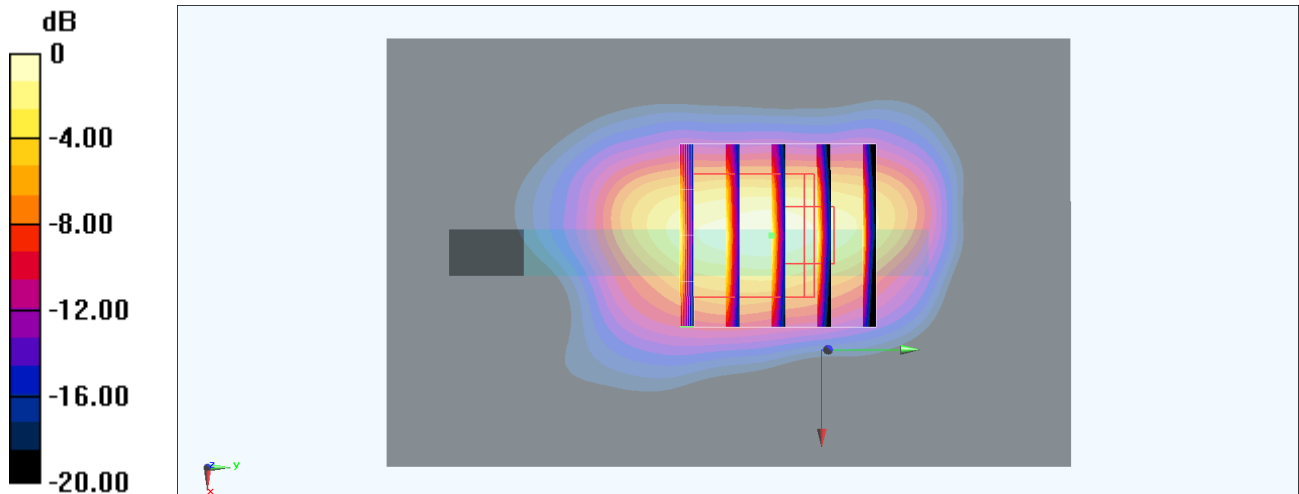
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 58.99 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 8.86 W/kg

SAR(1 g) = 4.16 W/kg; SAR(10 g) = 1.98 W/kg

Maximum value of SAR (measured) = 6.66 W/kg



0 dB = 6.66 W/kg = 8.23 dBW/kg

#53_LTE Band 66_20M_QPSK_1_0_Back_0mm_Ch132572

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

Medium: HSL_1750_200221 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.388$ S/m; $\epsilon_r = 40.544$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.51, 8.51, 8.51); Calibrated: 2019/7/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 5.60 W/kg

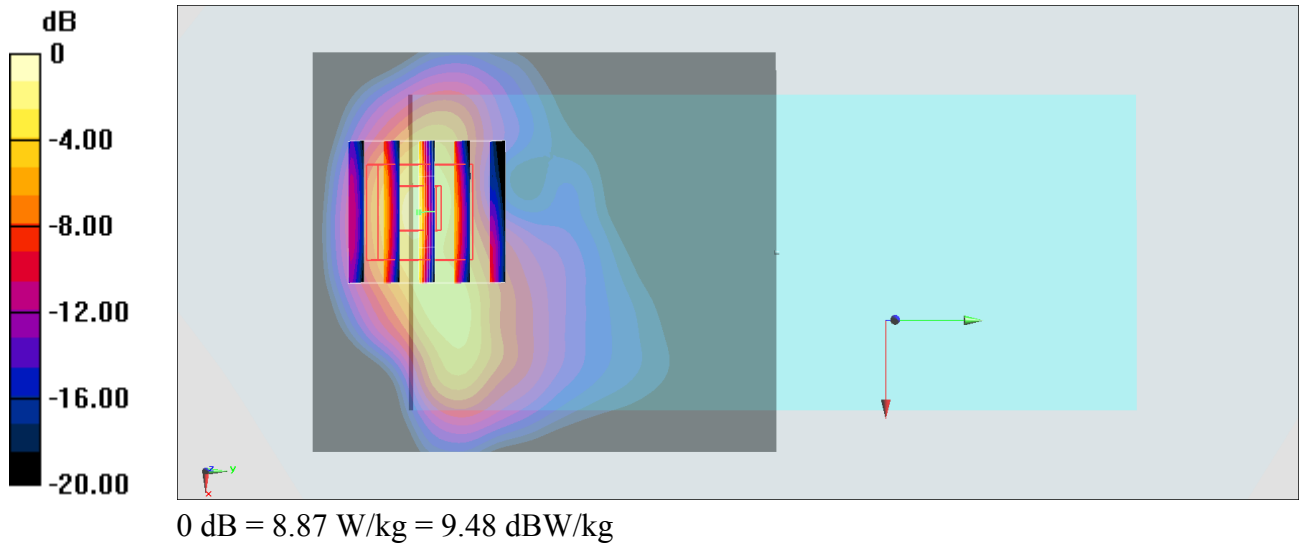
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 44.70 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 10.7 W/kg

SAR(1 g) = 4.71 W/kg; SAR(10 g) = 2.03 W/kg

Maximum value of SAR (measured) = 8.87 W/kg



#1230_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch58;Chain 0

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.014

Medium: HSL_5G_200224 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.776$ S/m; $\epsilon_r = 36.74$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.54, 4.54, 4.54); Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- 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) = 3.53 W/kg

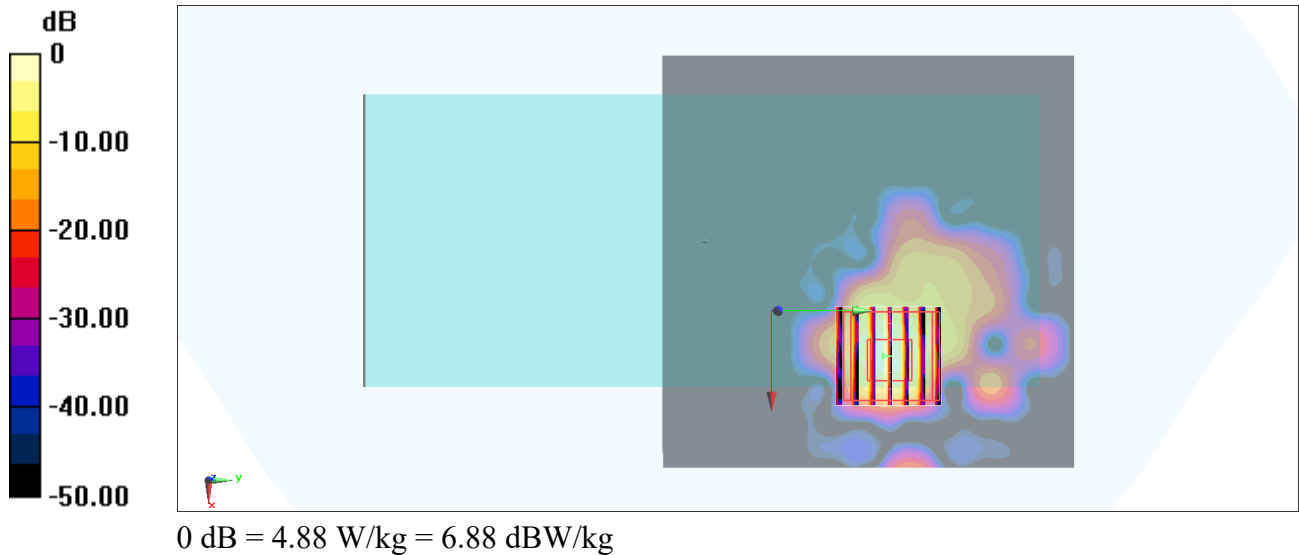
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 7.231 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 9.81 W/kg

SAR(1 g) = 1.54 W/kg; SAR(10 g) = 0.315 W/kg

Maximum value of SAR (measured) = 4.88 W/kg



#1238_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch138;Chain 0

Communication System: 802.11ac; Frequency: 5690 MHz; Duty Cycle: 1:1.014

Medium: HSL_5G_200225 Medium parameters used: $f = 5690$ MHz; $\sigma = 5.13$ S/m; $\epsilon_r = 35.223$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.36, 4.36, 4.36); Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- 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) = 2.58 W/kg

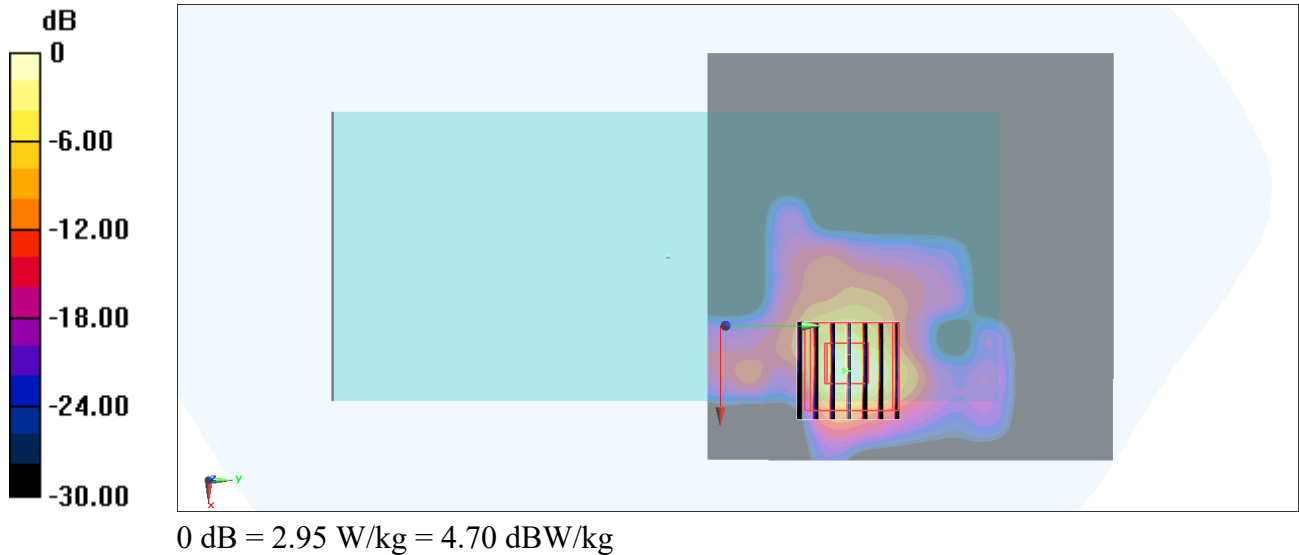
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 5.242 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 5.90 W/kg

SAR(1 g) = 0.819 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 2.95 W/kg



#1246_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch155;Chain 0

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.014

Medium: HSL_5G_200225 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.211$ S/m; $\epsilon_r = 35.129$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.36, 4.36, 4.36); Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- 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) = 1.31 W/kg

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

Reference Value = 7.362 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 5.91 W/kg

SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (measured) = 2.25 W/kg

