

#01_WCDMA II_RMC 12.2Kbps_Right Cheek_Ch9400

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

Medium: HSL_1900_200430 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.398$ S/m; $\epsilon_r = 38.964$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.15, 8.15, 8.15) @ 1880 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.559 W/kg

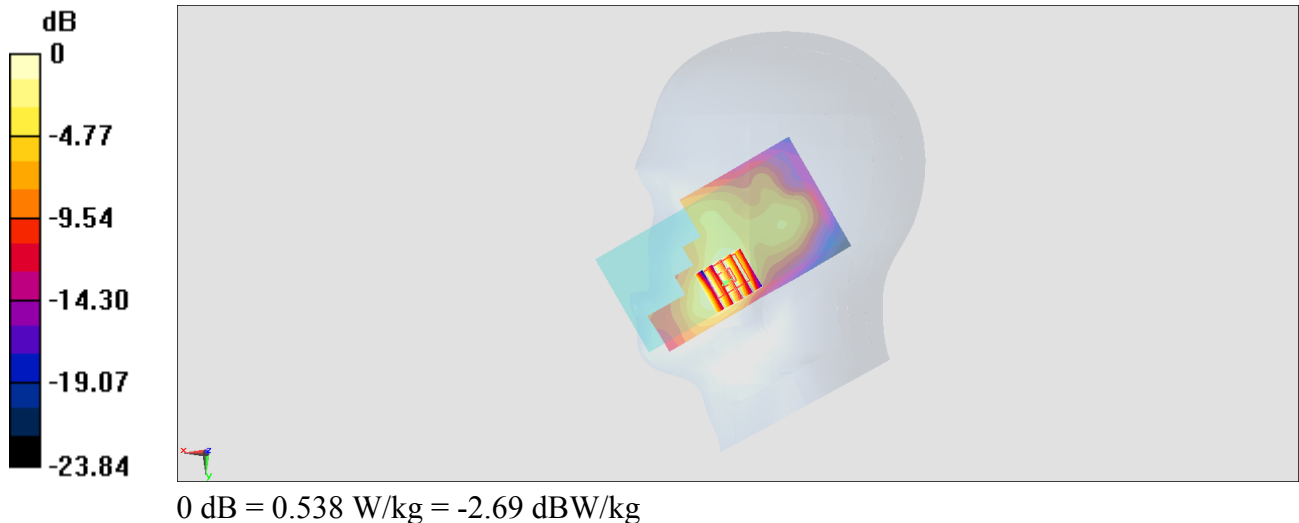
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.586 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.620 W/kg

SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 0.538 W/kg



#02_WCDMA V_RMC 12.2Kbps _Left Cheek_Ch4132

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL_850_200505 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 41.107$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.28, 6.28, 6.28) @ 826.4 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.505 W/kg

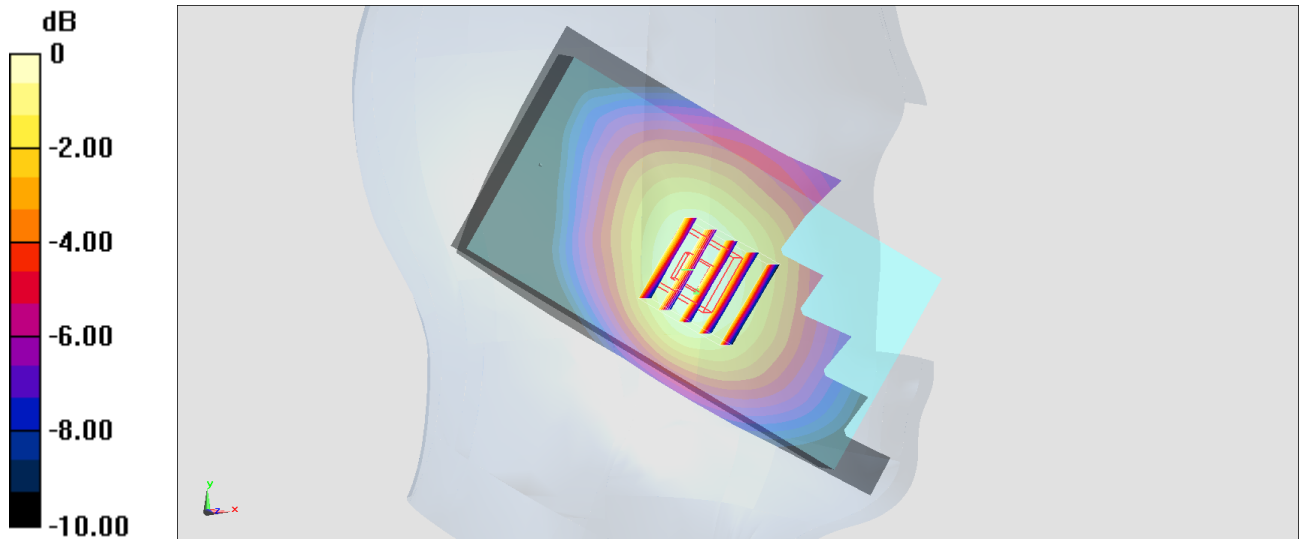
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.692 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.574 W/kg

SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (measured) = 0.496 W/kg



0 dB = 0.505 W/kg = -2.97 dBW/kg

#03_LTE Band 2_20M_QPSK_1_0_Right Cheek_Ch18700

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

Medium: HSL_1900_200430 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 39.041$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.15, 8.15, 8.15) @ 1860 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.625 W/kg

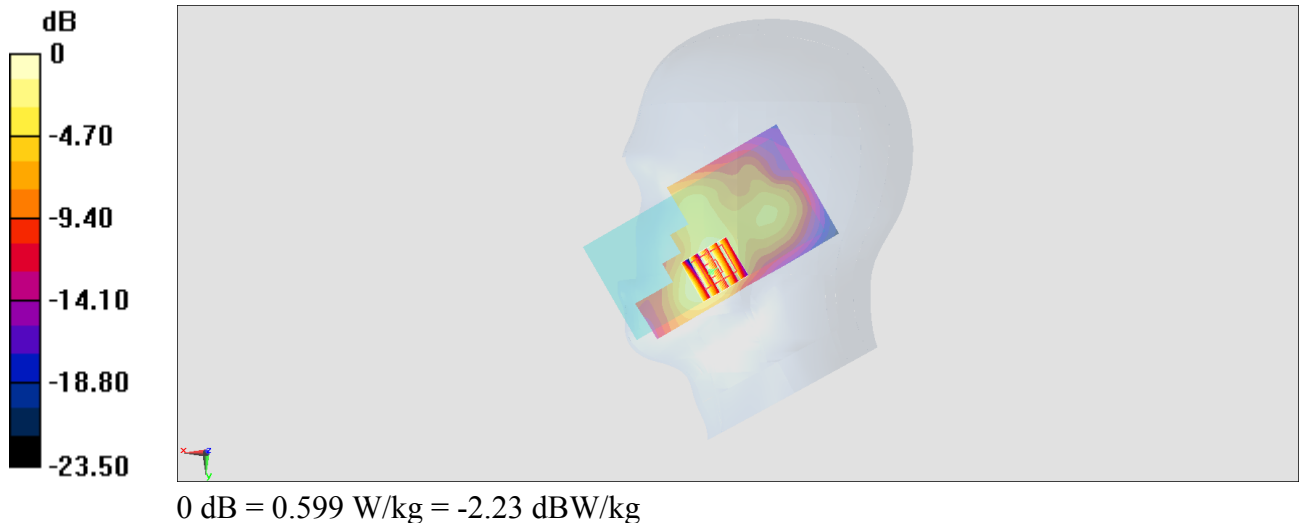
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.712 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.685 W/kg

SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.254 W/kg

Maximum value of SAR (measured) = 0.599 W/kg



#04_LTE Band 5_10M_QPSK_1_0_Right Cheek_Ch20525

Communication System:LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium: HSL_850_200501 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 42.456$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.73, 9.73, 9.73) @ 836.5 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.564 W/kg

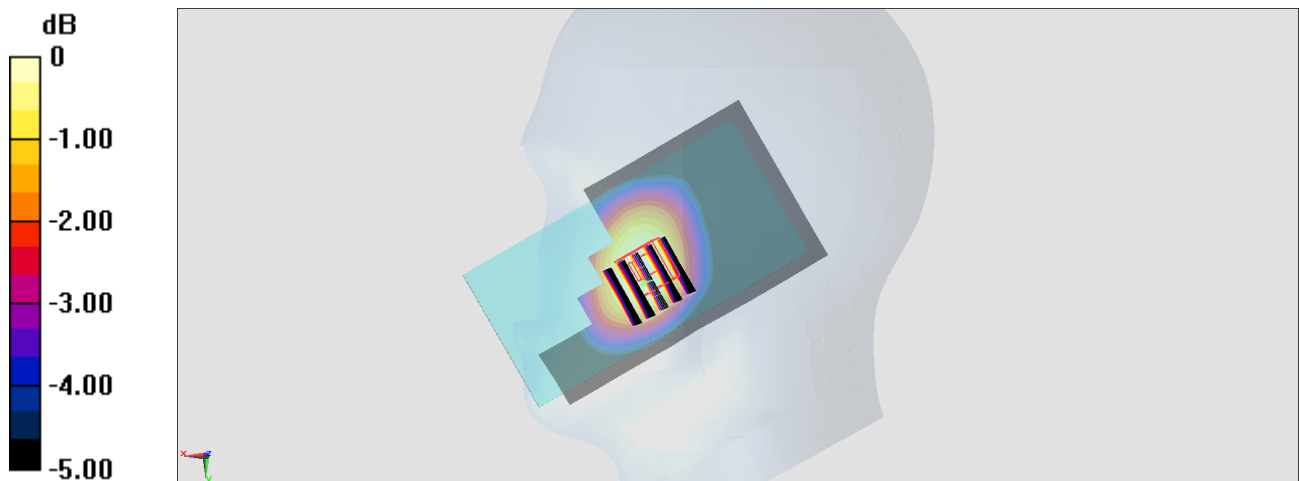
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.201 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.580 W/kg

SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.348 W/kg

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



0 dB = 0.542 W/kg = -2.66 dBW/kg

#05_LTE Band 12_10M_QPSK_1_0_Right Cheek_Ch23095

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

Medium: HSL_750_200501 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 42.915$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.97, 9.97, 9.97) @ 707.5 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.271 W/kg

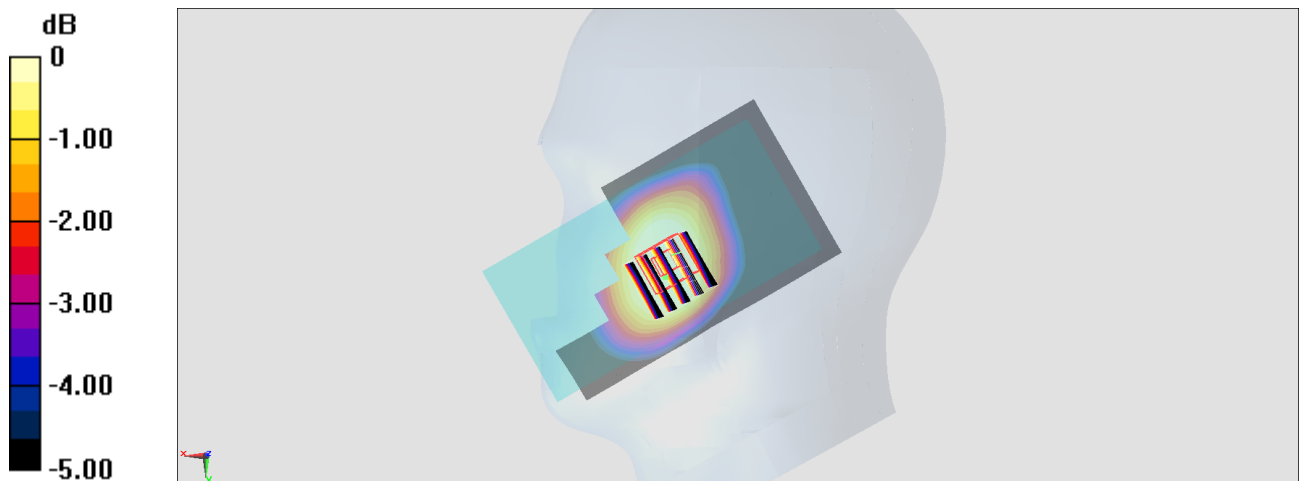
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.104 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.279 W/kg

SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.182 W/kg

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



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

#06_LTE Band 13_10M_QPSK_1_0_Left Cheek_Ch23230

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

Medium: HSL_750_200505 Medium parameters used: $f = 782$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 42.548$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.47, 6.47, 6.47) @ 782 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.492 W/kg

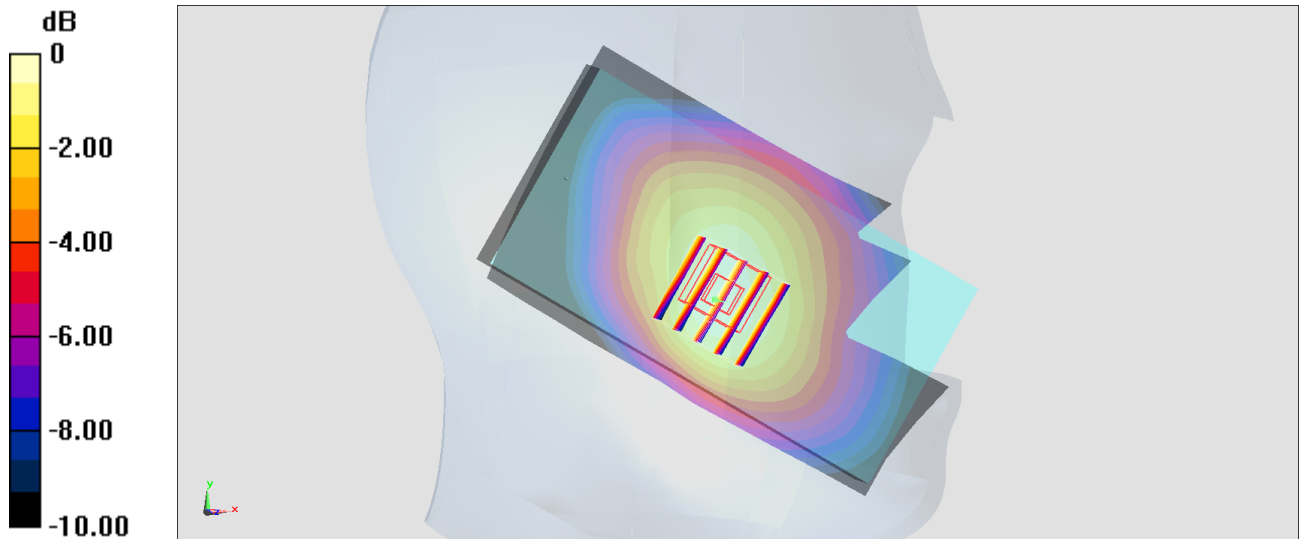
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.542 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.548 W/kg

SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.335 W/kg

Maximum value of SAR (measured) = 0.483 W/kg



0 dB = 0.492 W/kg = -3.08 dBW/kg

#07_LTE Band 14_10M_QPSK_1_0_Left Cheek_Ch23330

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

Medium: HSL_750_200505 Medium parameters used: $f = 793$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 42.602$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.47, 6.47, 6.47) @ 793 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.429 W/kg

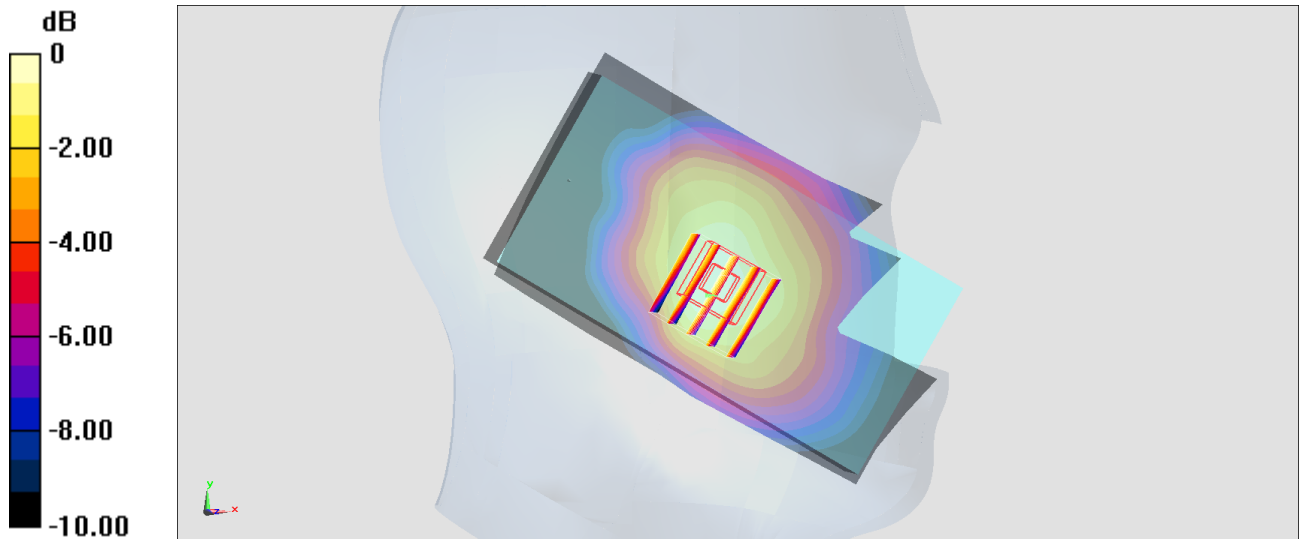
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.608 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.496 W/kg

SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.299 W/kg

Maximum value of SAR (measured) = 0.430 W/kg



0 dB = 0.429 W/kg = -3.68 dBW/kg

#08_LTE Band 66_20M_QPSK_1_0_Left Cheek_Ch132322

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

Medium: HSL_1750_200507 Medium parameters used : $f = 1745$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 41.487$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.53, 5.53, 5.53) @ 1745 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.567 W/kg

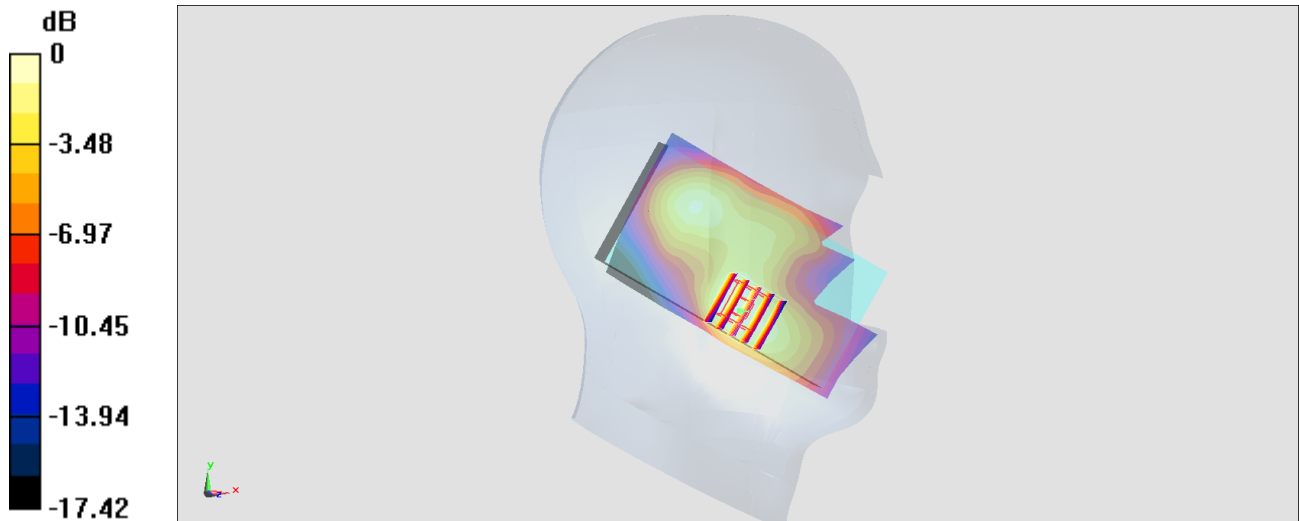
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.66 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.684 W/kg

SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.277 W/kg

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



0 dB = 0.536 W/kg = -2.71 dBW/kg

#09_WLAN2.4G_802.11b 1Mbps_Right Cheek_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1.01

Medium: HSL_2450_200508 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.786$ S/m; $\epsilon_r = 40.485$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.64, 4.64, 4.64) @ 2412 MHz;Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.580 W/kg

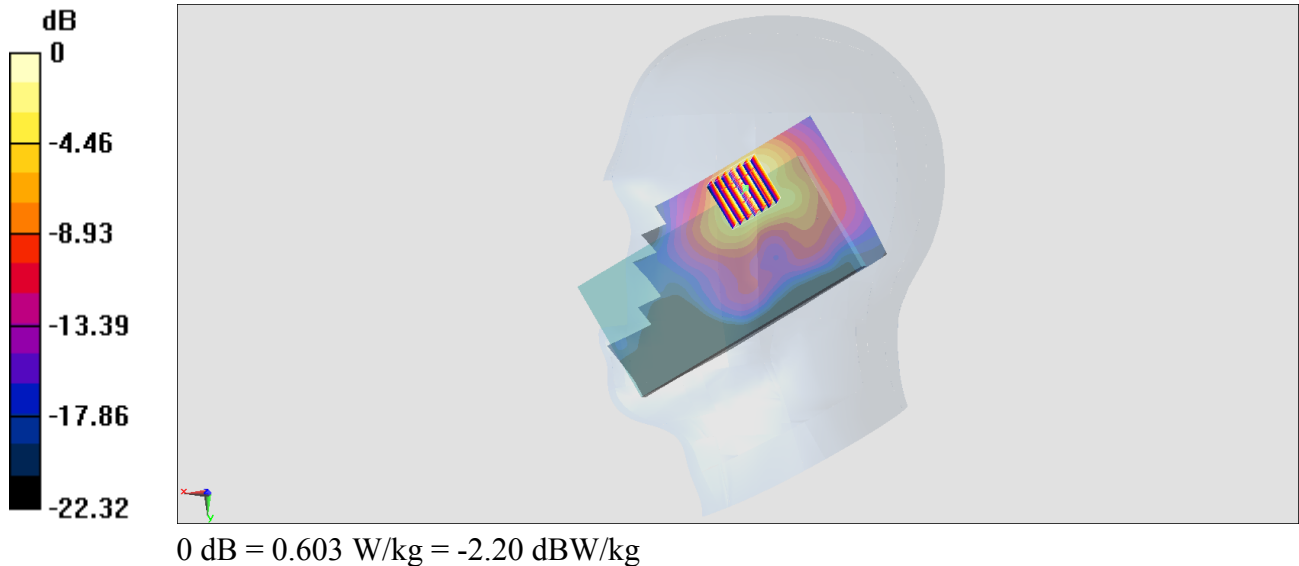
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.770 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 0.603 W/kg



#10_WLAN5GHz_802.11a 6Mbps_Right Cheek_Ch52

Communication System: 802.11a ; Frequency: 5260 MHz; Duty Cycle: 1:1.056

Medium: HSL_5G_200502 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.893$ S/m; $\epsilon_r = 36.474$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(5.34, 5.34, 5.34) @ 5260 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.224 W/kg

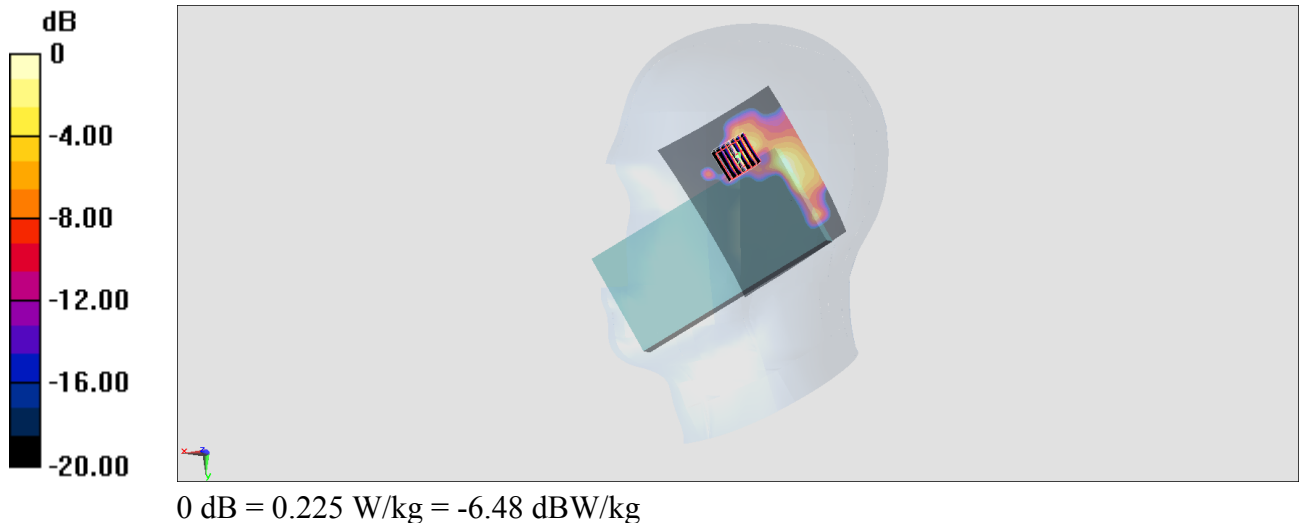
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 1.427 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.602 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.225 W/kg



#11_WLAN5GHz_802.11a 6Mbps_Right Cheek_Ch116

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.056

Medium: HSL_5G_200517 Medium parameters used: $f = 5580$ MHz; $\sigma = 4.978$ S/m; $\epsilon_r = 36.416$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.79, 4.79, 4.79) @ 5580 MHz; 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:1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.190 W/kg

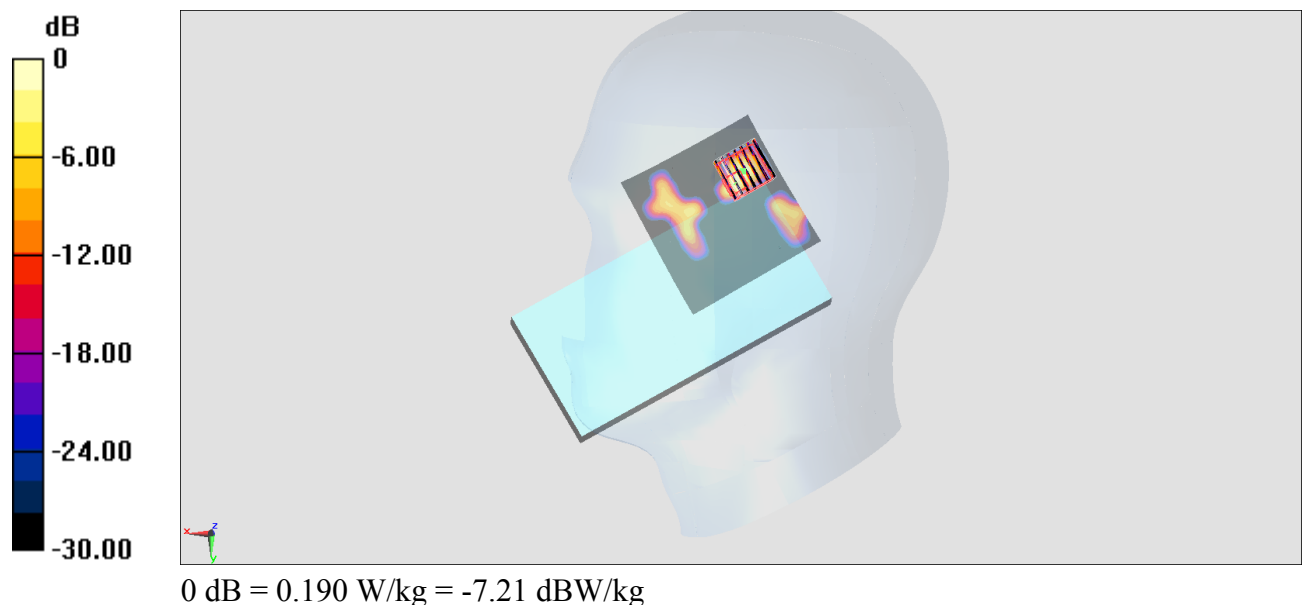
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.063 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.0082 W/kg

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



#12_WLAN5GHz_802.11a 6Mbps_Right Cheek_Ch157

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.056

Medium: HSL_5G_200517 Medium parameters used : $f = 5785$ MHz; $\sigma = 5.199$ S/m; $\epsilon_r = 36.134$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.93, 4.93, 4.93) @ 5785 MHz; 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:1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.161 W/kg

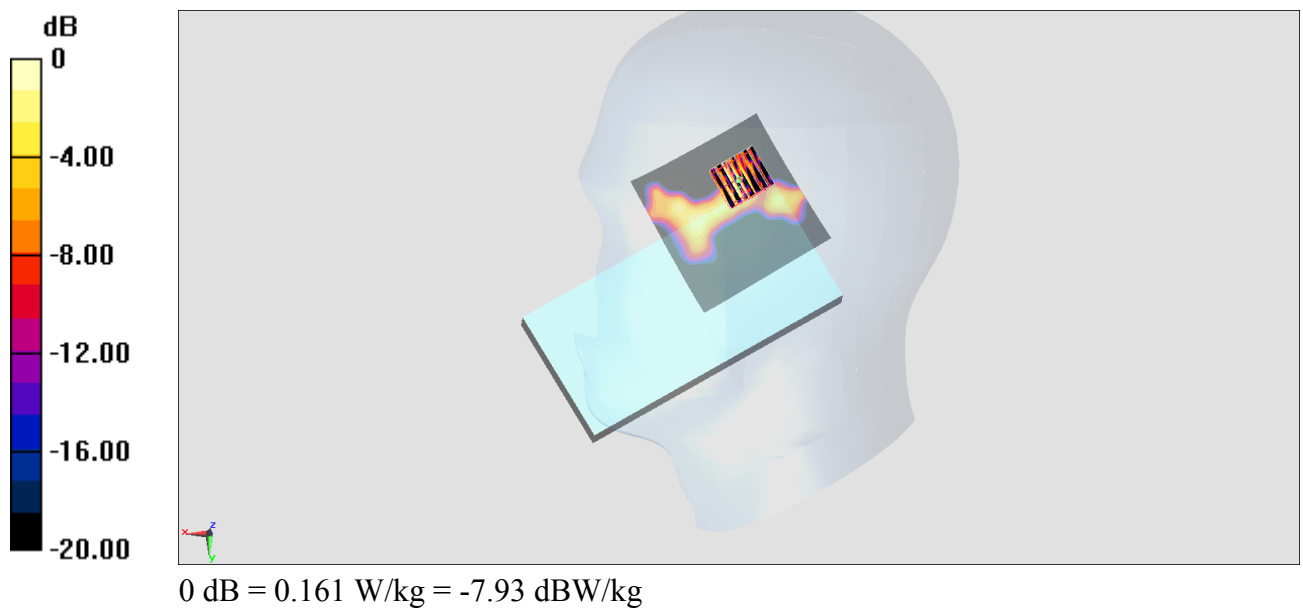
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.415 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.210 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.130 W/kg



#13_Bluetooth_Right Cheek_1Mbps_0mm_Ch00

Communication System:Bluetooth; Frequency: 2402 MHz;Duty Cycle: 1:1.297

Medium: HSL_2450_200517 Medium parameters used : $f = 2402$ MHz; $\sigma = 1.755$ S/m; $\epsilon_r = 38.12$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.64, 4.64, 4.64) @ 2402 MHz;Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0192 W/kg

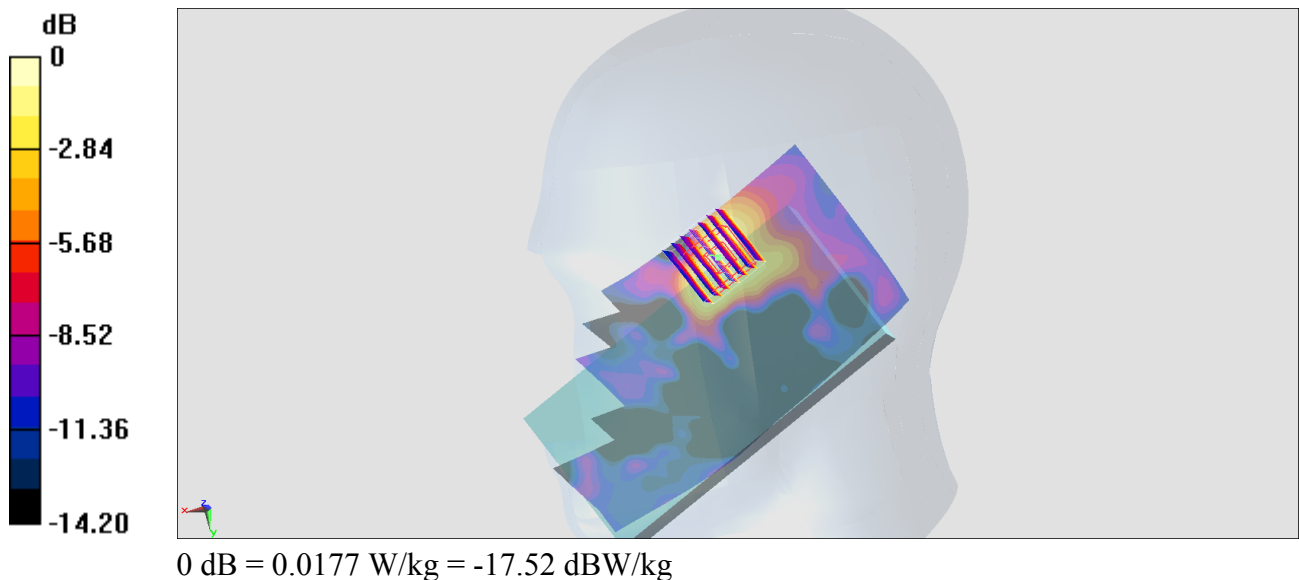
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.125 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0260 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00745 W/kg

Maximum value of SAR (measured) = 0.0177 W/kg



#14_WCDMA II_RMC 12.2Kbps_Front_10mm_Ch9538

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

Medium: HSL_1900_200507 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.441$ S/m; $\epsilon_r = 38.739$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.31, 5.31, 5.31) @ 1907.6 MHz;Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.26 W/kg

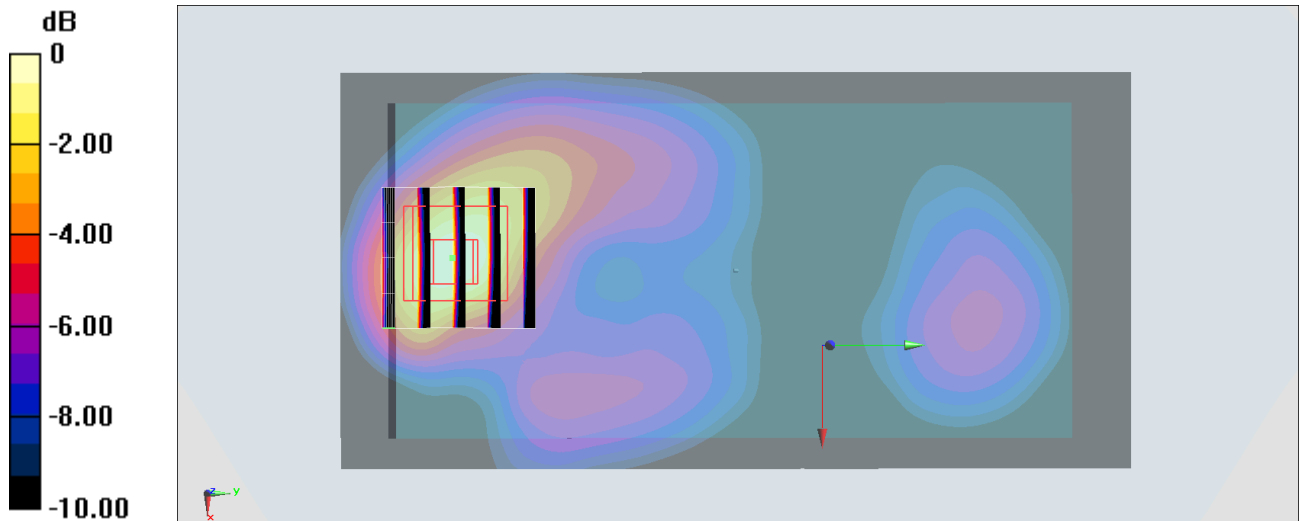
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.26 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.527 W/kg

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

#15_WCDMA V_RMC 12.2Kbps_Front_10mm_Ch4132

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL_850_200505 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 41.107$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.28, 6.28, 6.28) @ 826.4 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

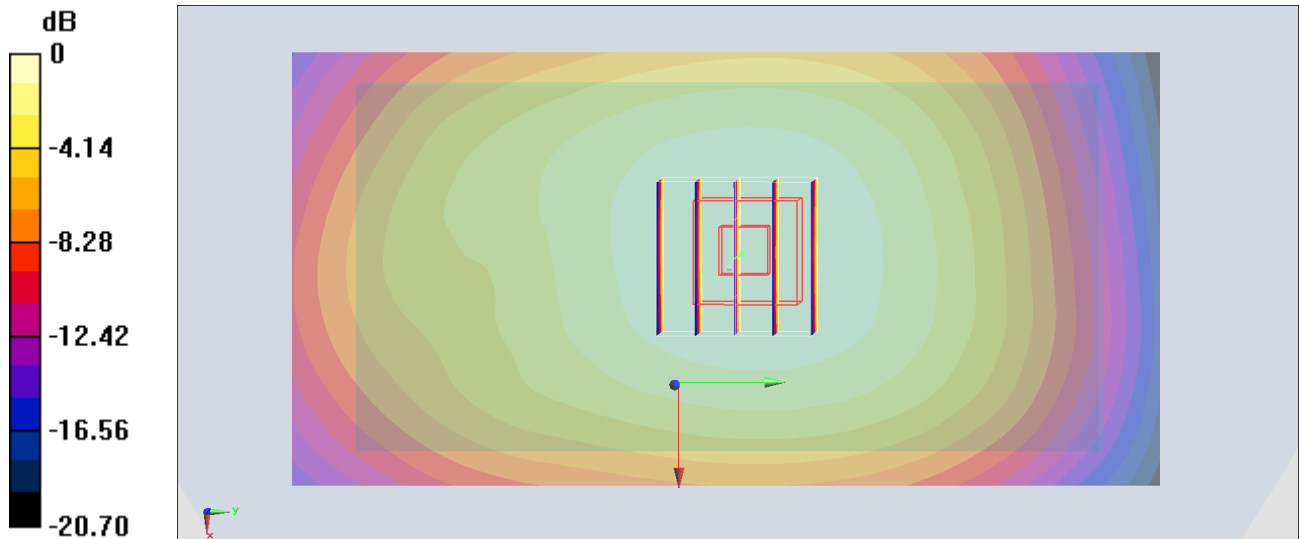
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.84 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.480 W/kg

SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.310 W/kg

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



0 dB = 0.440 W/kg = -3.57 dBW/kg

#16_LTE Band 2_20M_QPSK_1_0_Front_10mm_Ch19100

Communication System: LTE ; Frequency: 1900 MHz;Duty Cycle: 1:1

Medium: HSL_1900_200430 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.416$ S/m; $\epsilon_r = 38.866$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.15, 8.15, 8.15) @ 1900 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

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

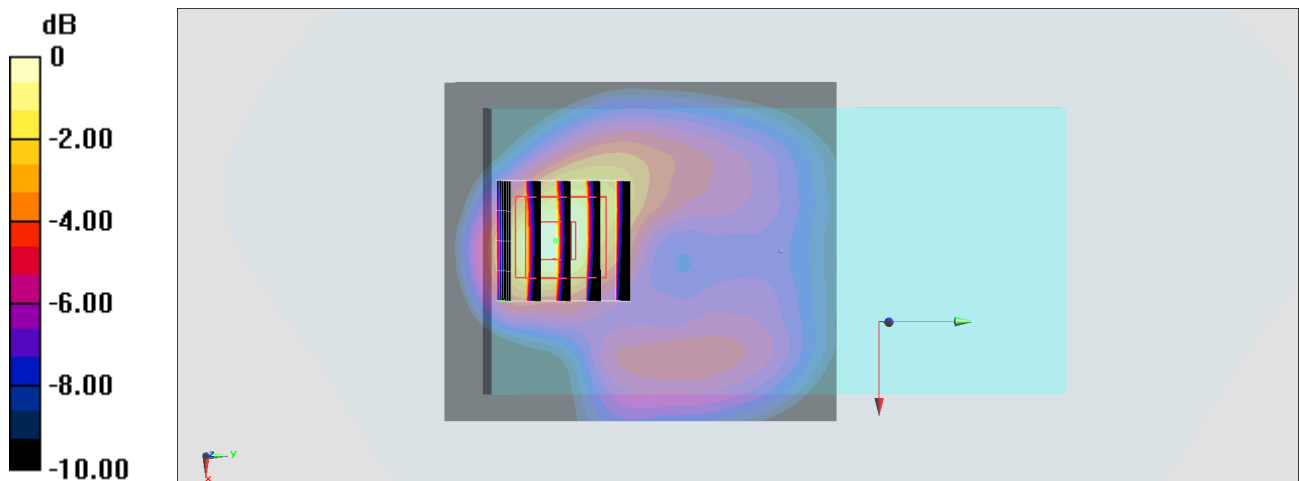
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.38 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.413 W/kg

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



0 dB = 1.23 W/kg = 0.90 dBW/kg

#17_LTE Band 5_10M_QPSK_1_0_Back_10mm_Ch20525

Communication System: LTE ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_850_200501 Medium parameters used : $f = 836.5$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 42.456$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.73, 9.73, 9.73) @ 836.5 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.773 W/kg

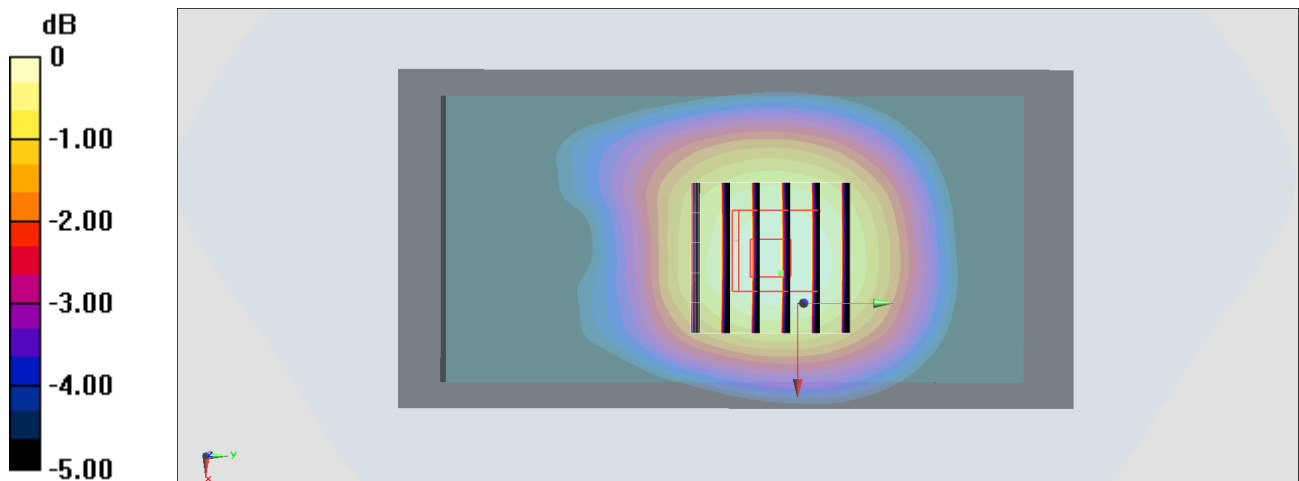
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.39 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.873 W/kg

SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.455 W/kg

Maximum value of SAR (measured) = 0.768 W/kg



0 dB = 0.768 W/kg = -1.15 dBW/kg

#18_LTE Band 12_10M_QPSK_1_0_Back_10mm_Ch23095

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

Medium: HSL_750_200501 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 42.915$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.97, 9.97, 9.97) @ 707.5 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.584 W/kg

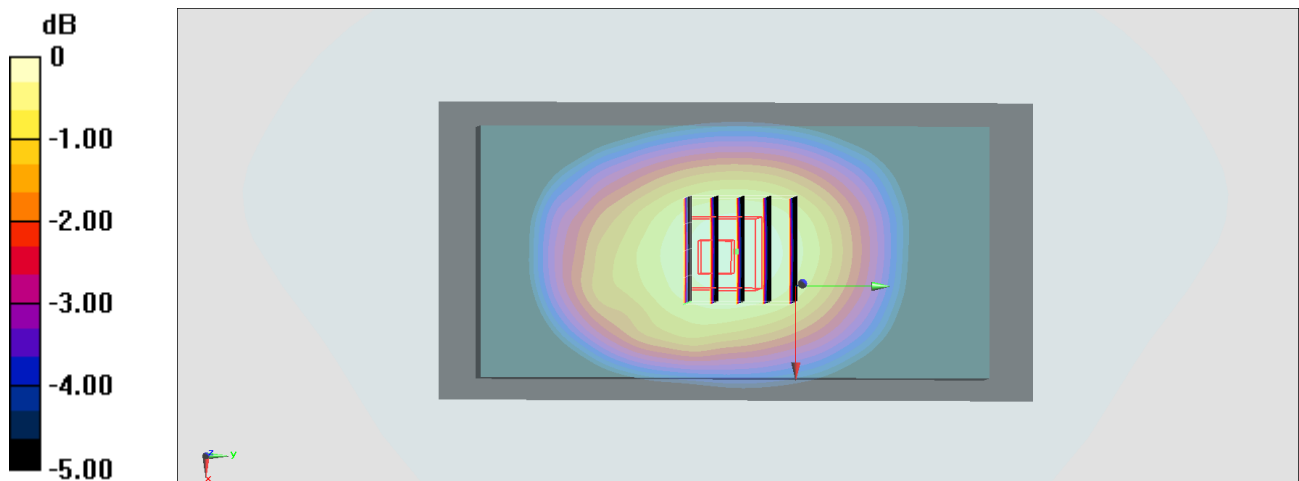
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.49 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.681 W/kg

SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.335 W/kg

Maximum value of SAR (measured) = 0.582 W/kg



0 dB = 0.582 W/kg = -2.35 dBW/kg

#19_LTE Band 13_10M_QPSK_1_0 _Back_10mm_Ch23230

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

Medium: HSL_750_200505 Medium parameters used: $f = 782$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 42.548$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.47, 6.47, 6.47) @ 782 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.569 W/kg

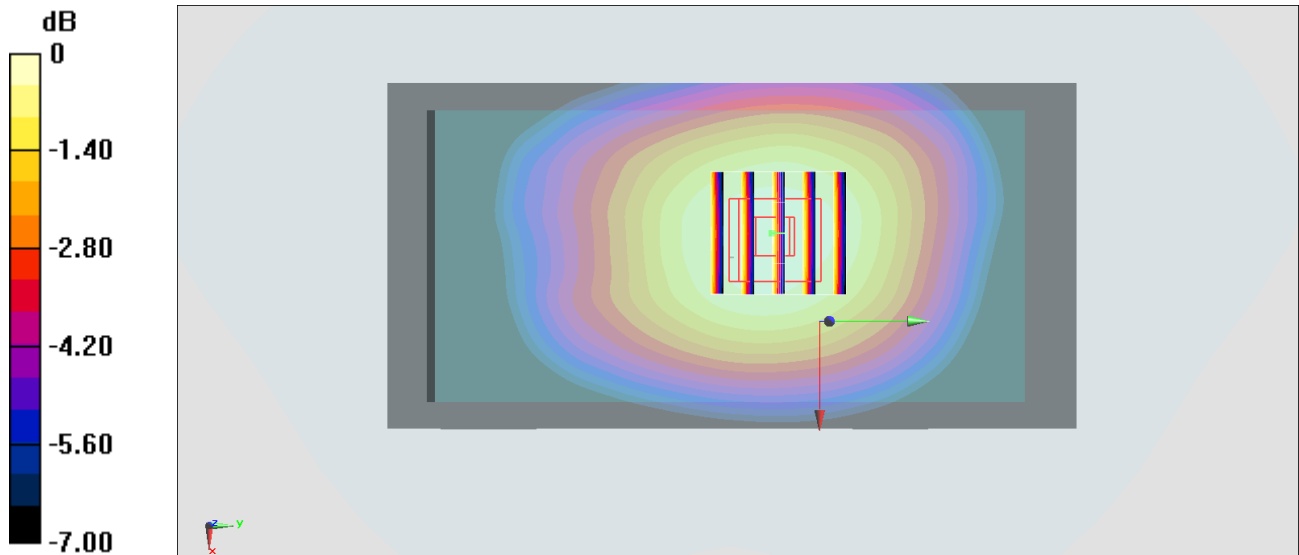
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.15 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.614 W/kg

SAR(1 g) = 0.533 W/kg; SAR(10 g) = 0.412 W/kg

Maximum value of SAR (measured) = 0.582 W/kg



0 dB = 0.582 W/kg = -2.35 dBW/kg

#20_LTE Band 14_10M_QPSK_1_0_Back_10mm_Ch23330

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

Medium: HSL_750_200505 Medium parameters used: $f = 793$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 42.602$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.47, 6.47, 6.47) @ 793 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.566 W/kg

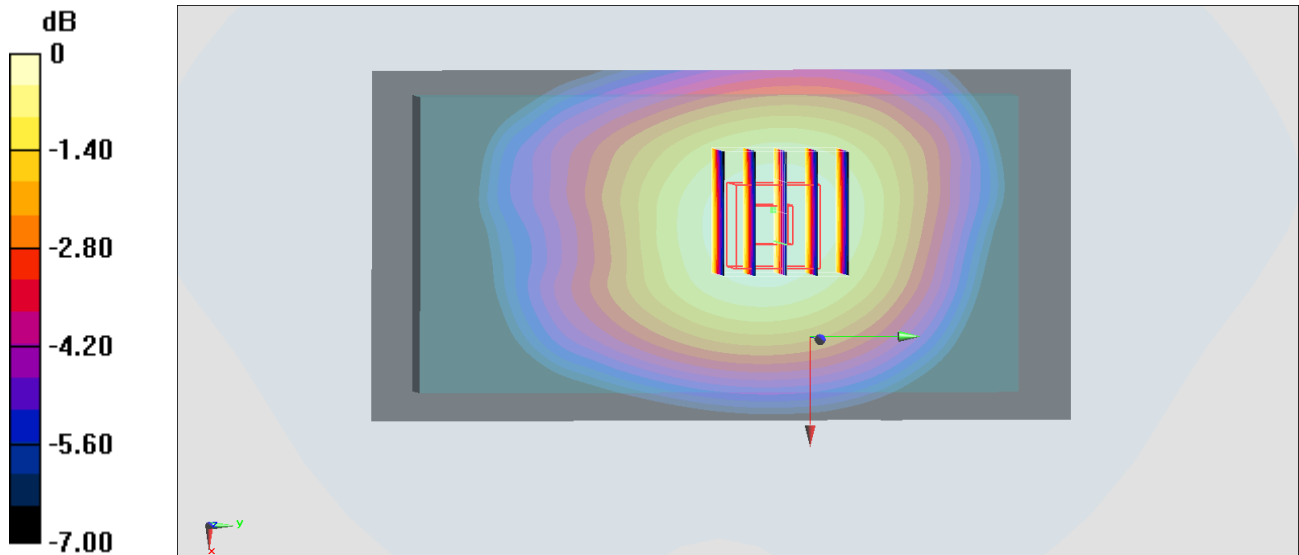
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.67 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.598 W/kg

SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.405 W/kg

Maximum value of SAR (measured) = 0.561 W/kg



0 dB = 0.561 W/kg = -2.51 dBW/kg

#21_LTE Band 66_20M_QPSK_1_0_Front_10mm_Ch132572

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

Medium: HSL_1750_200507 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.391$ S/m; $\epsilon_r = 41.32$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.53, 5.53, 5.53) @ 1770 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.03 W/kg

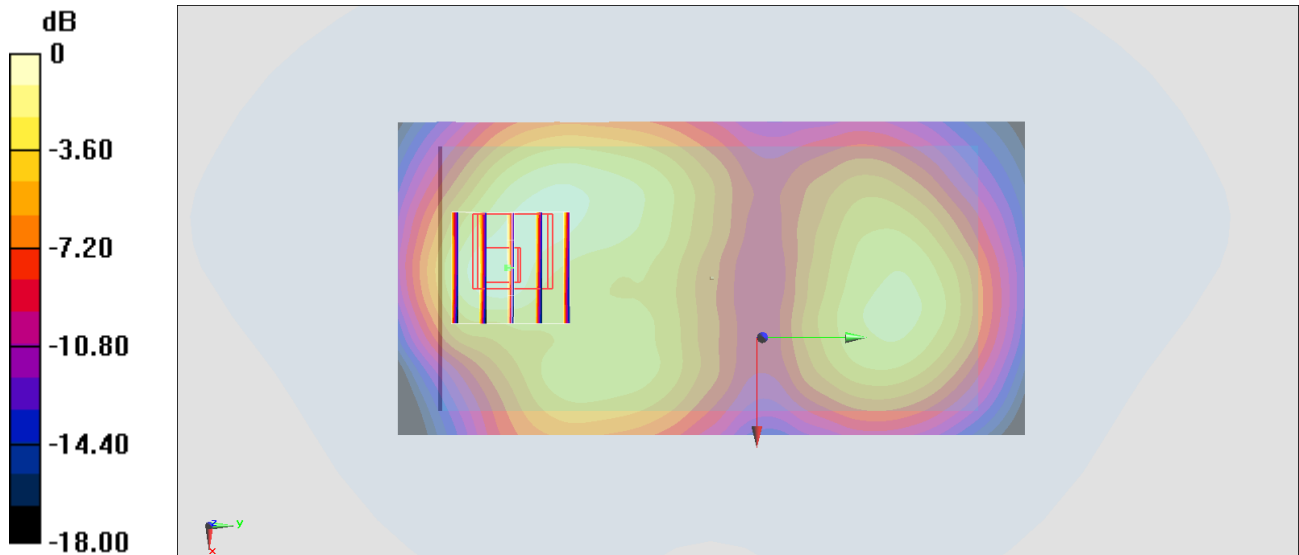
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.68 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.448 W/kg

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



#22_WLAN2.4G_802.11b 1Mbps_Back_10mm_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.01

Medium: HSL_2450_200508 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.818$ S/m; $\epsilon_r = 40.389$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.64, 4.64, 4.64) @ 2437 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.623 W/kg

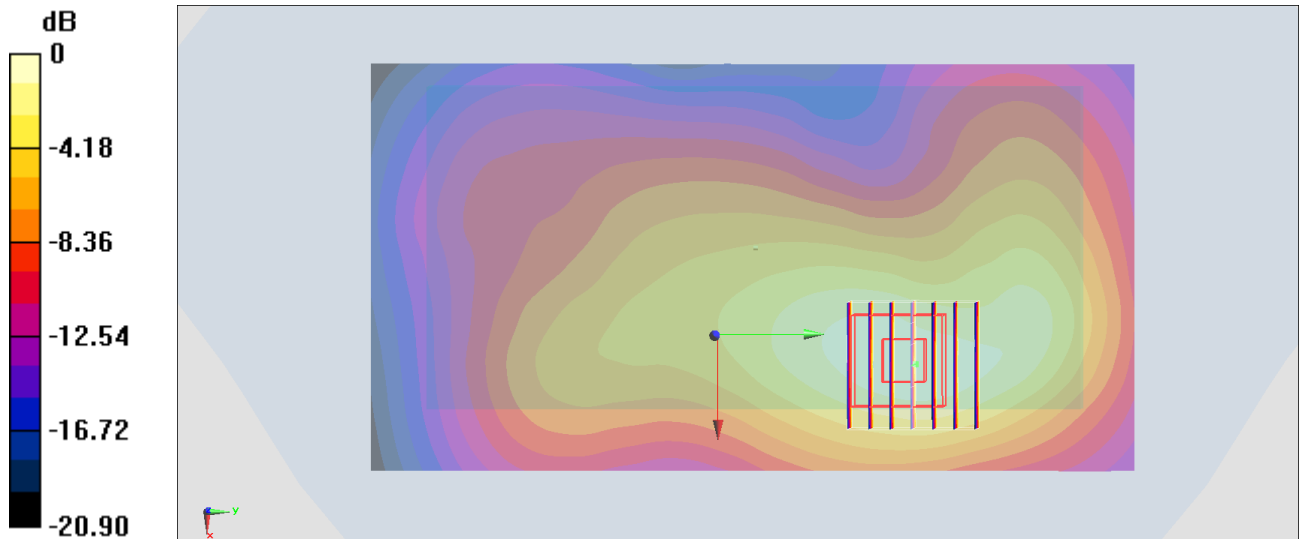
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.50 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.906 W/kg

SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.251 W/kg

Maximum value of SAR (measured) = 0.602 W/kg



0 dB = 0.623 W/kg = -2.06 dBW/kg

#23_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch36

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.056

Medium: HSL_5G_200517 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.565$ S/m; $\epsilon_r = 36.962$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(5.34, 5.34, 5.34) @ 5180 MHz; 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:1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.511 W/kg

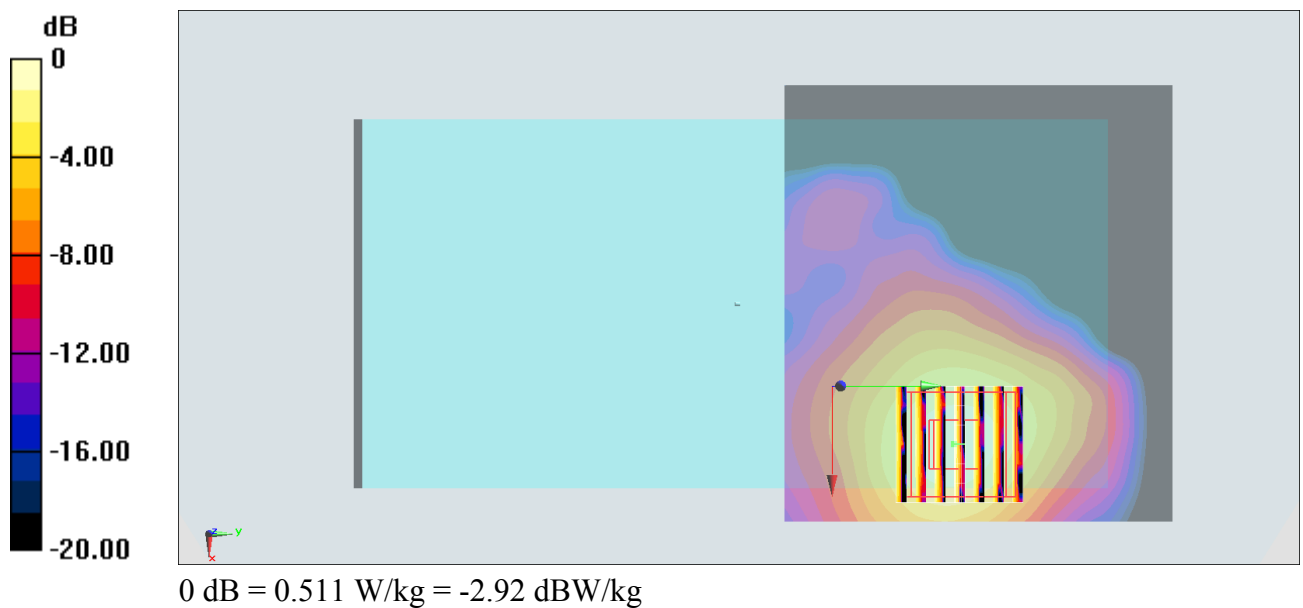
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.032 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.493 W/kg



#24_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch149

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.056

Medium: HSL_5G_200517 Medium parameters used : $f = 5745$ MHz; $\sigma = 5.152$ S/m; $\epsilon_r = 36.176$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.93, 4.93, 4.93) @ 5745 MHz; 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:1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.508 W/kg

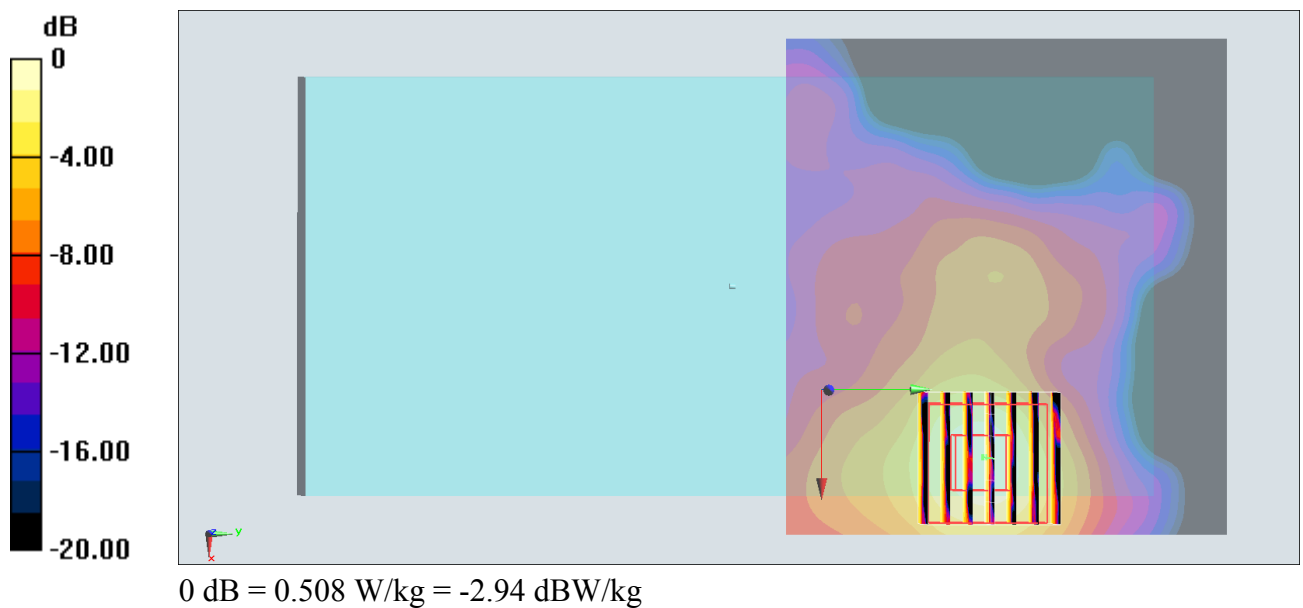
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.561 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.843 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (measured) = 0.502 W/kg



#25_Bluetooth_1Mbps_Back_10mm_Ch78

Communication System: Bluetooth ; Frequency: 2480 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450_200517 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.842$ S/m; $\epsilon_r = 37.825$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.64, 4.64, 4.64) @ 2480 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0151 W/kg

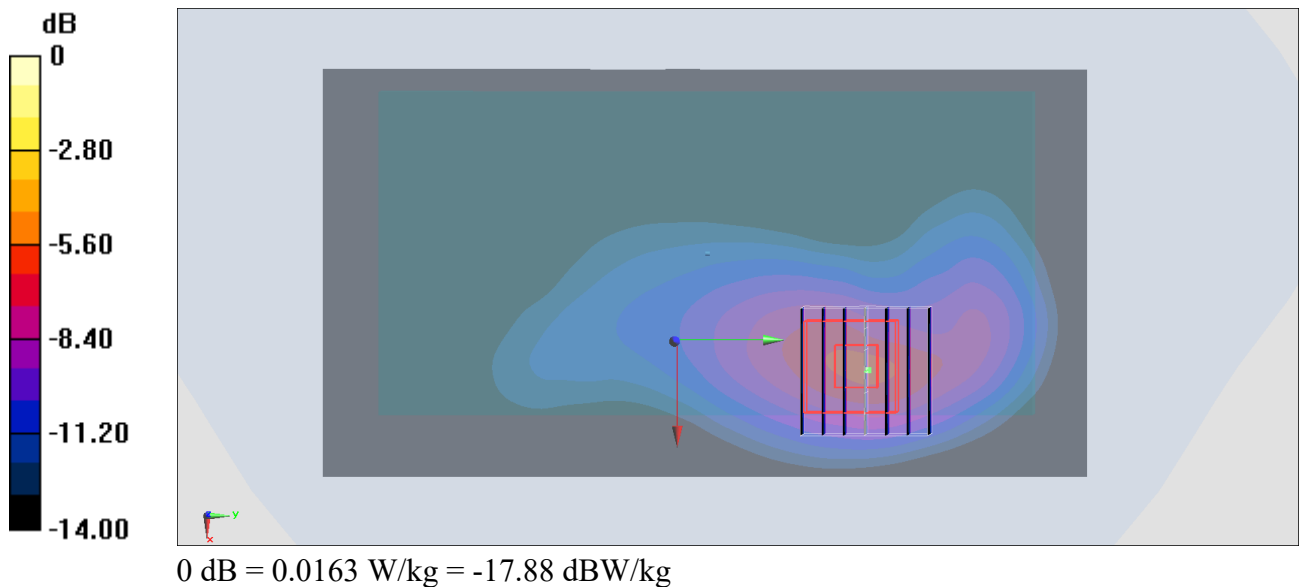
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.607 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0270 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.009 W/kg

Maximum value of SAR (measured) = 0.0163 W/kg



#26_WCDMA II_RMC 12.2Kbps_Front_10mm_Ch9538

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

Medium: HSL_1900_200507 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.441$ S/m; $\epsilon_r = 38.739$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.31, 5.31, 5.31) @ 1907.6 MHz;Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.26 W/kg

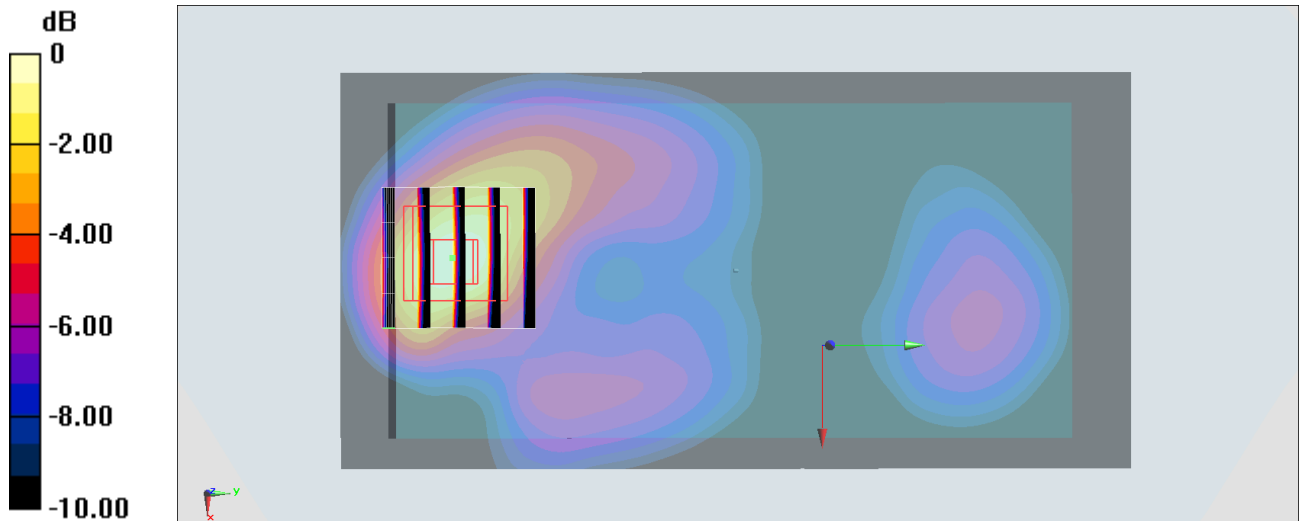
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.26 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.527 W/kg

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

#27_WCDMA V_RMC 12.2Kbps_Front_10mm_Ch4132

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL_850_200505 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 41.107$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.28, 6.28, 6.28) @ 826.4 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

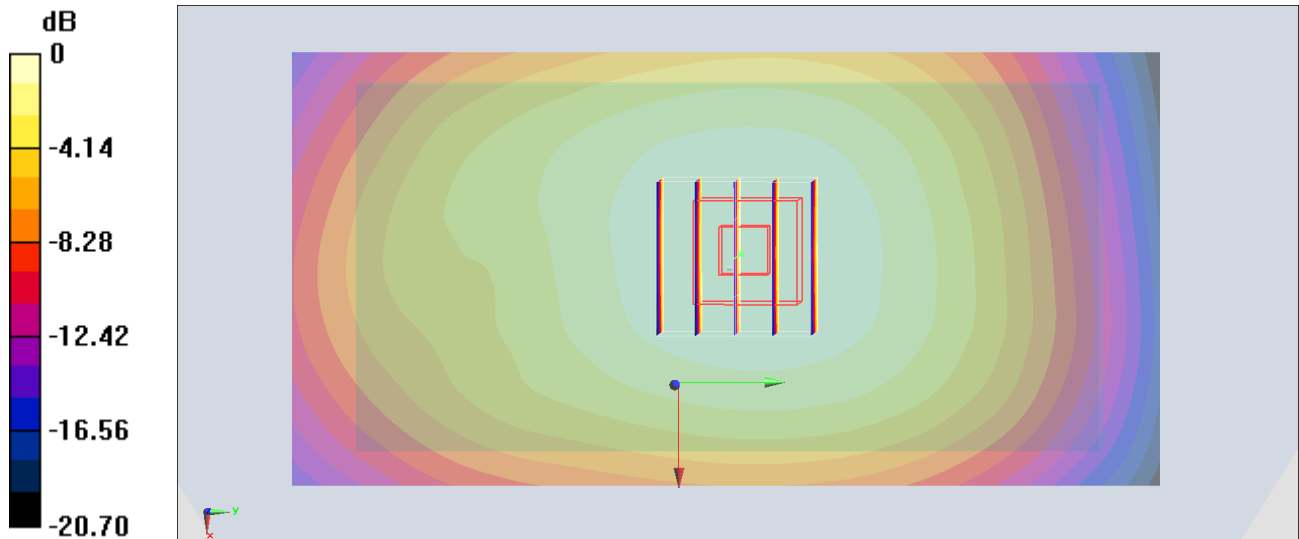
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.84 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.480 W/kg

SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.310 W/kg

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



#28_LTE Band 2_20M_QPSK_1_0_Front_10mm_Ch19100

Communication System: LTE ; Frequency: 1900 MHz;Duty Cycle: 1:1

Medium: HSL_1900_200430 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.416$ S/m; $\epsilon_r = 38.866$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(8.15, 8.15, 8.15) @ 1900 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

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

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

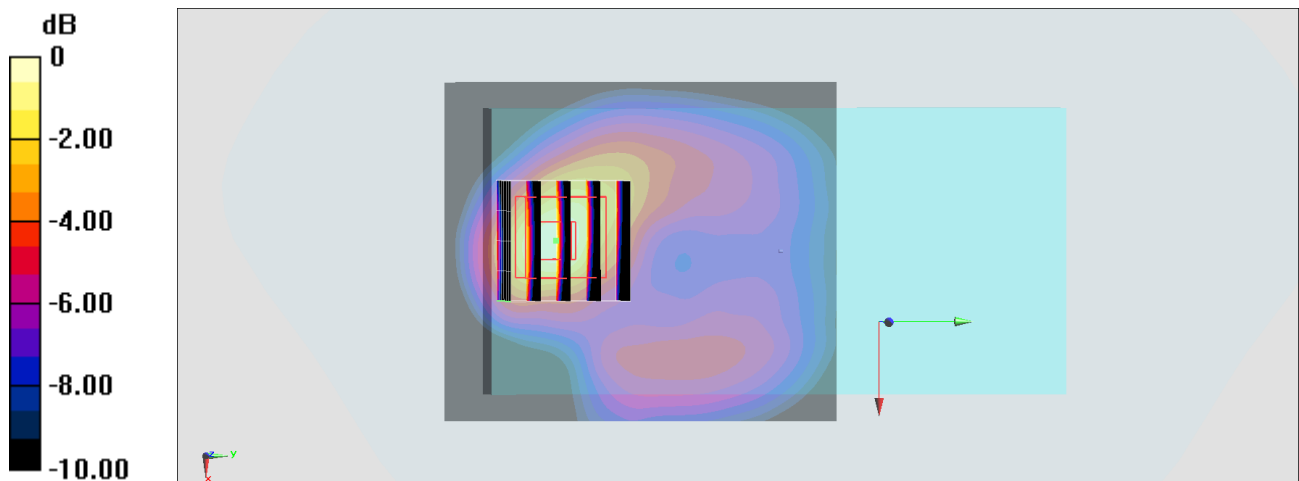
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.38 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.413 W/kg

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



0 dB = 1.23 W/kg = 0.90 dBW/kg

#29_LTE Band 5_10M_QPSK_1_0_Back_10mm_Ch20525

Communication System: LTE ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_850_200501 Medium parameters used : $f = 836.5$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 42.456$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.73, 9.73, 9.73) @ 836.5 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.773 W/kg

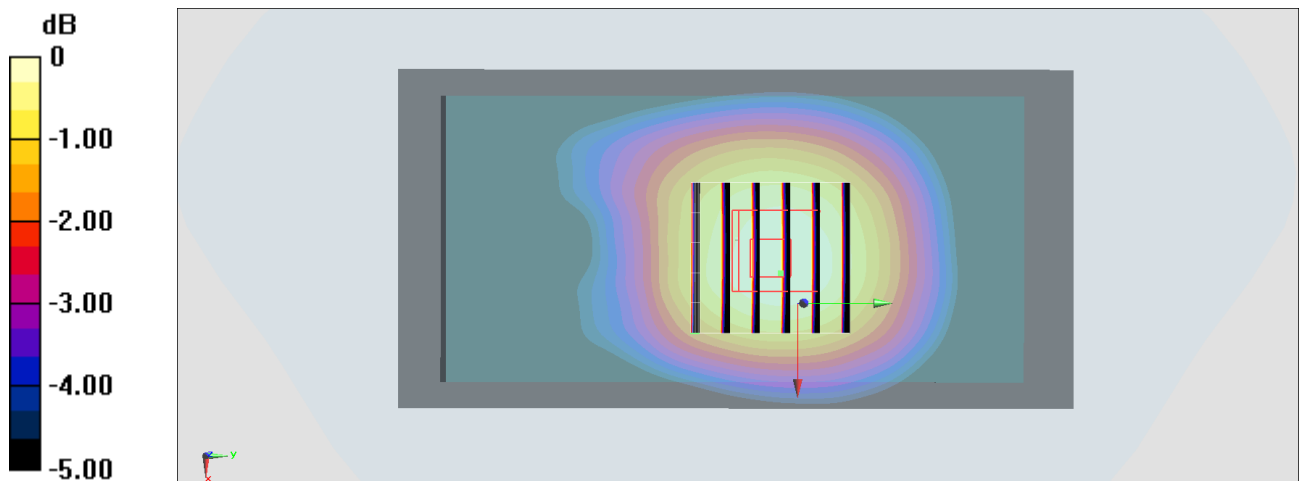
Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 29.39 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.873 W/kg

SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.455 W/kg

Maximum value of SAR (measured) = 0.768 W/kg



0 dB = 0.768 W/kg = -1.15 dBW/kg

#30_LTE Band 12_10M_QPSK_1_0_Back_10mm_Ch23095

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

Medium: HSL_750_200501 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 42.915$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(9.97, 9.97, 9.97) @ 707.5 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Right; Type: SAM; Serial: TP:1446
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.584 W/kg

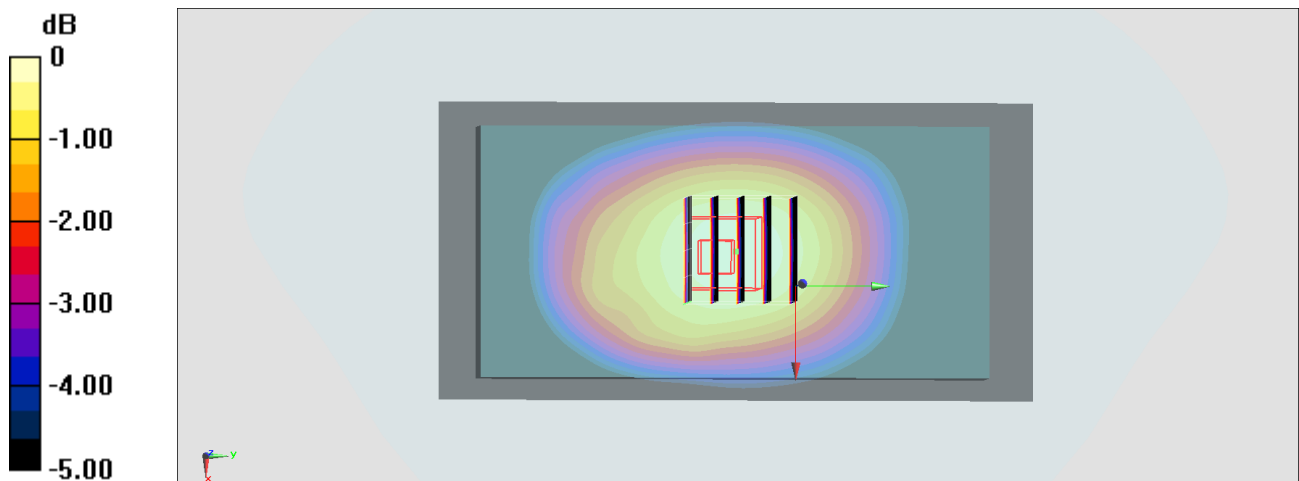
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.49 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.681 W/kg

SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.335 W/kg

Maximum value of SAR (measured) = 0.582 W/kg



0 dB = 0.582 W/kg = -2.35 dBW/kg

#31_LTE Band 13_10M_QPSK_1_0 _Back_10mm_Ch23230

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

Medium: HSL_750_200505 Medium parameters used: $f = 782$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 42.548$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.47, 6.47, 6.47) @ 782 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.569 W/kg

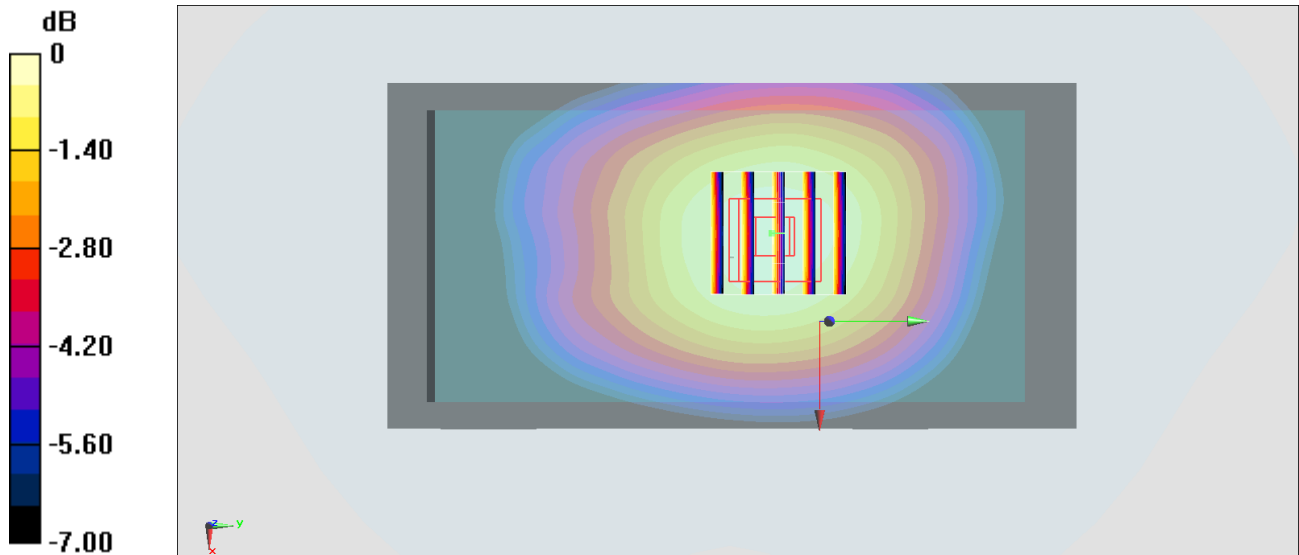
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.15 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.614 W/kg

SAR(1 g) = 0.533 W/kg; SAR(10 g) = 0.412 W/kg

Maximum value of SAR (measured) = 0.582 W/kg



0 dB = 0.582 W/kg = -2.35 dBW/kg

#32_LTE Band 14_10M_QPSK_1_0 _Back_10mm_Ch23330

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

Medium: HSL_750_200505 Medium parameters used: $f = 793$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 42.602$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.47, 6.47, 6.47) @ 793 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.566 W/kg

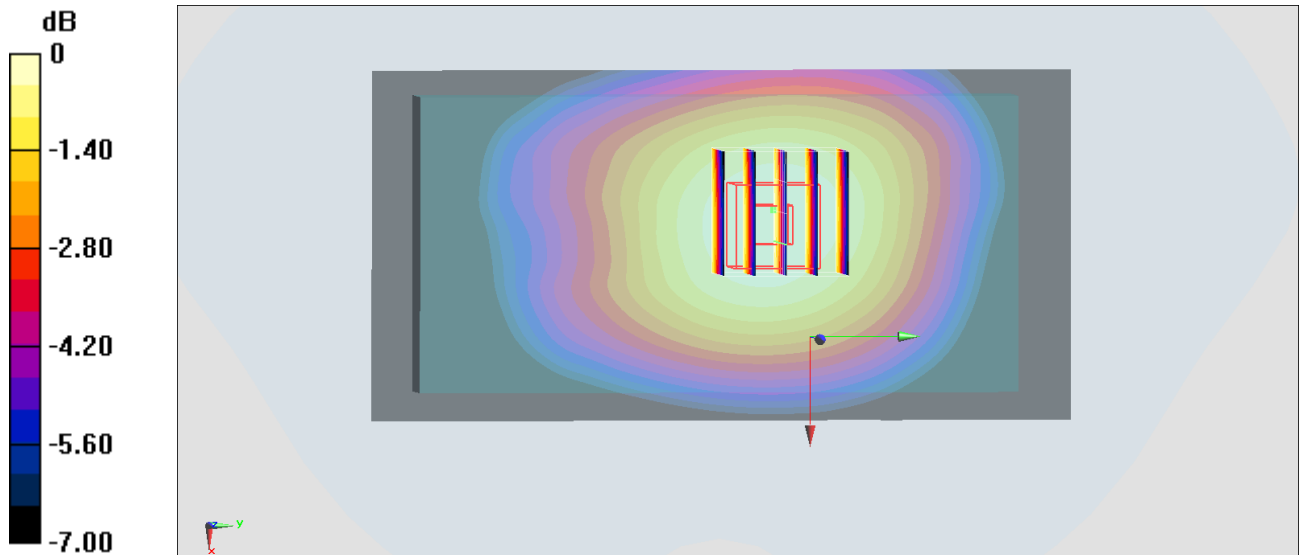
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.67 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.598 W/kg

SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.405 W/kg

Maximum value of SAR (measured) = 0.561 W/kg



0 dB = 0.561 W/kg = -2.51 dBW/kg

#33_LTE Band 66_20M_QPSK_1_0_Front_10mm_Ch132572

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

Medium: HSL_1750_200507 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.391$ S/m; $\epsilon_r = 41.32$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.53, 5.53, 5.53) @ 1770 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.03 W/kg

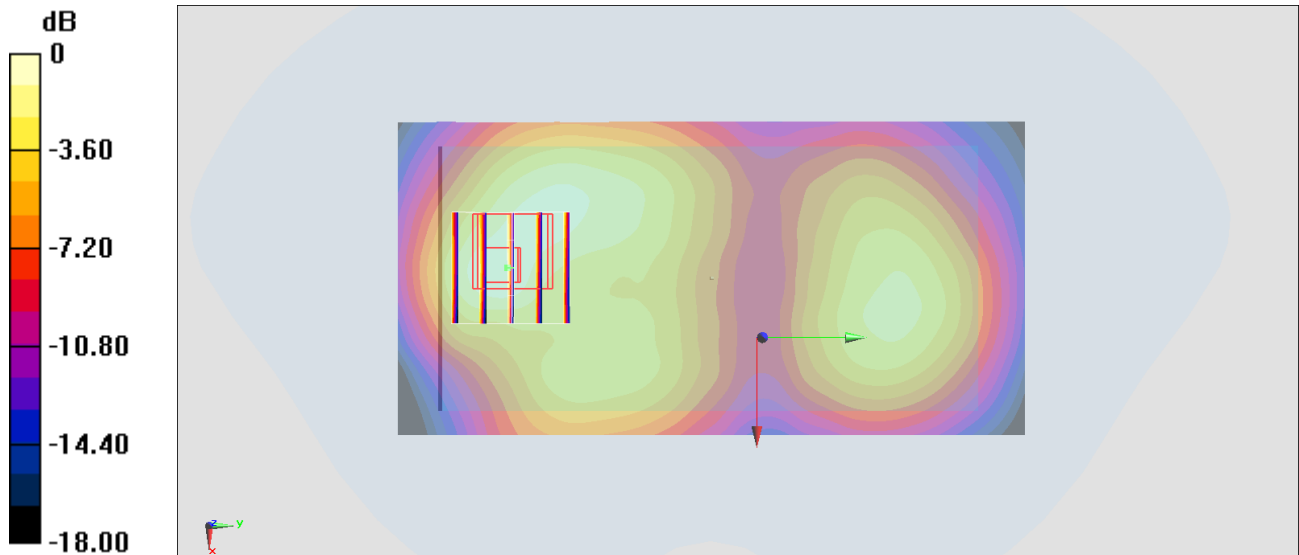
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.68 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.448 W/kg

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



0 dB = 1.00 W/kg = 0.00 dBW/kg

#34_WLAN2.4G_802.11b 1Mbps_Back_10mm_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1.01

Medium: HSL_2450_200508 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.818$ S/m; $\epsilon_r = 40.389$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.64, 4.64, 4.64) @ 2437 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.623 W/kg

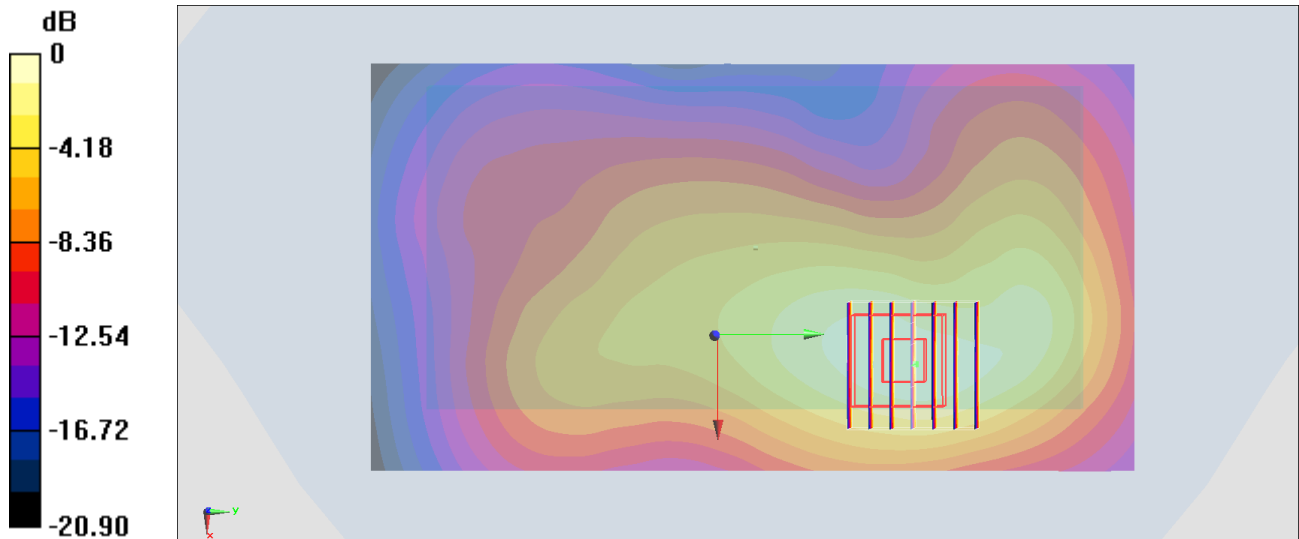
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.50 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.906 W/kg

SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.251 W/kg

Maximum value of SAR (measured) = 0.602 W/kg



0 dB = 0.623 W/kg = -2.06 dBW/kg

#35_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch52

Communication System: 802.11a ; Frequency: 5260 MHz; Duty Cycle: 1:1.056

Medium: HSL_5G_200502 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.893$ S/m; $\epsilon_r = 36.474$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(5.34, 5.34, 5.34) @ 5260 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.754 W/kg

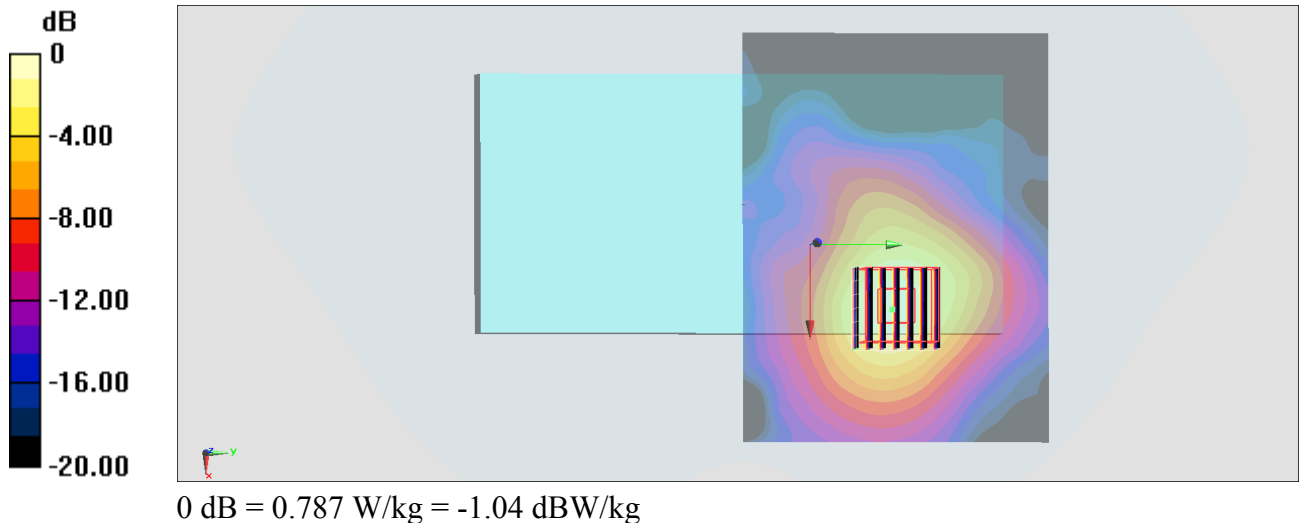
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 2.774 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (measured) = 0.787 W/kg



#36_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch140

Communication System: 802.11a ; Frequency: 5700 MHz; Duty Cycle: 1:1.056

Medium: HSL_5G_200510 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.221$ S/m; $\epsilon_r = 35.964$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.93, 4.93, 4.93) @ 5700 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.626 W/kg

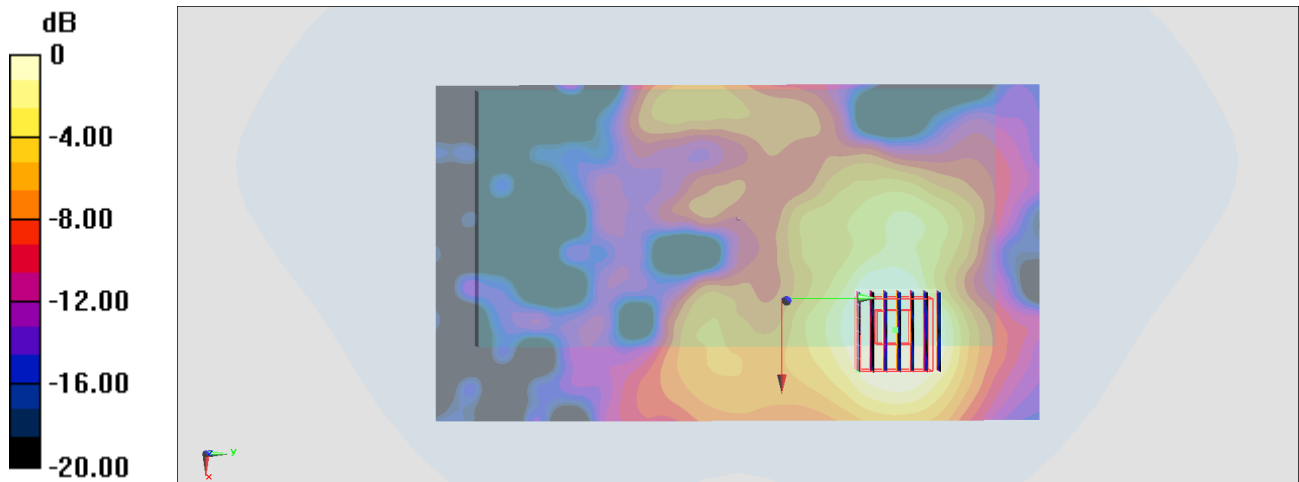
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.631 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.260 W/kg



0 dB = 0.260 W/kg = -5.85 dBW/kg

#37_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch149

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.056

Medium: HSL_5G_200517 Medium parameters used : $f = 5745$ MHz; $\sigma = 5.152$ S/m; $\epsilon_r = 36.176$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.93, 4.93, 4.93) @ 5745 MHz; 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:1718
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.508 W/kg

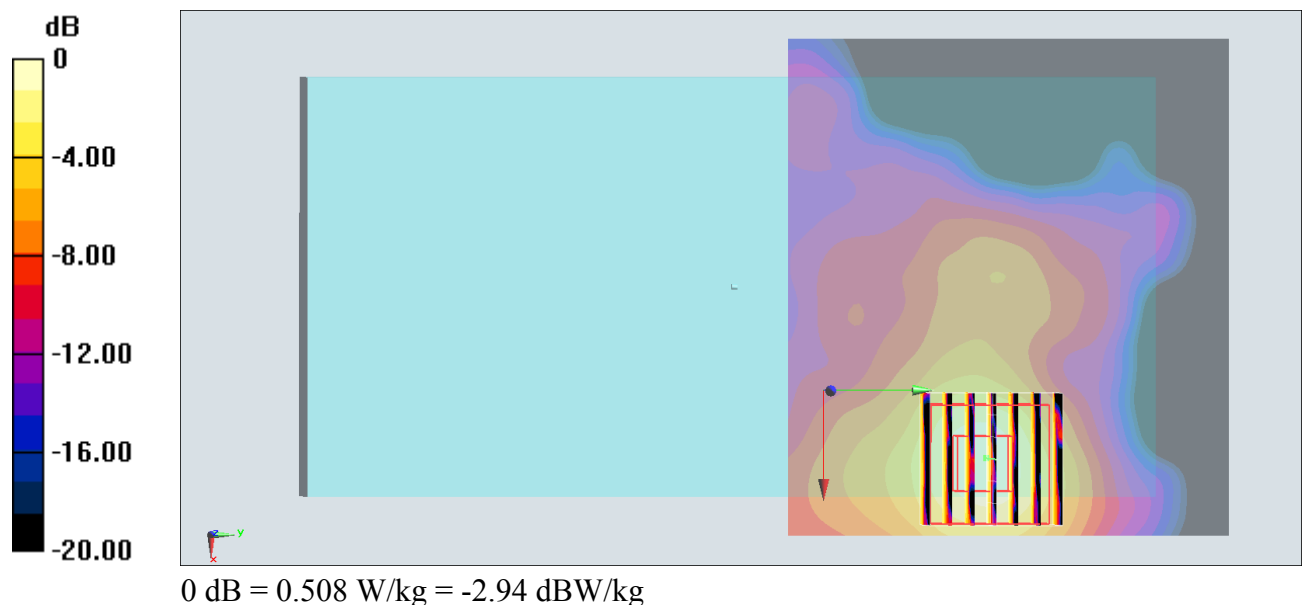
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.561 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.843 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (measured) = 0.502 W/kg



#38_Bluetooth_1Mbps_Back_10mm_Ch78

Communication System: Bluetooth ; Frequency: 2480 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450_200517 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.842$ S/m; $\epsilon_r = 37.825$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(4.64, 4.64, 4.64) @ 2480 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0151 W/kg

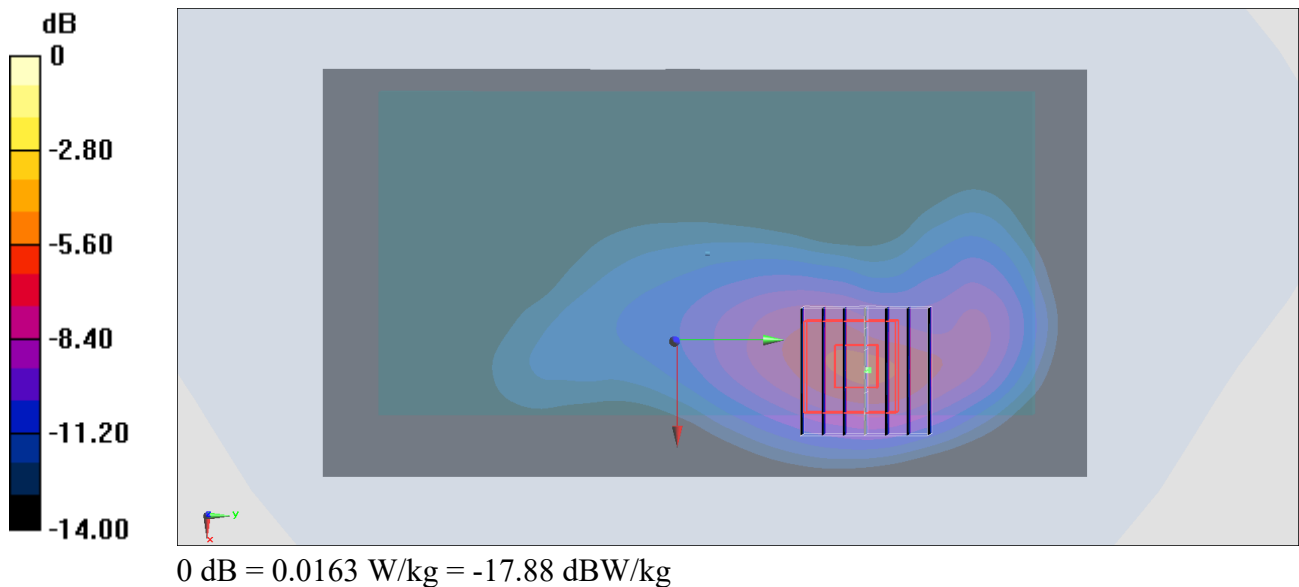
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.607 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0270 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.009 W/kg

Maximum value of SAR (measured) = 0.0163 W/kg



#39_WCDMA II_RMC 12.2Kbps_Front_0mm_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900_200507 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.382$ S/m; $\epsilon_r = 38.991$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.31, 5.31, 5.31) @ 1852.4 MHz; Calibrated: 2019/12/18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2019/12/20
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 6.82 W/kg

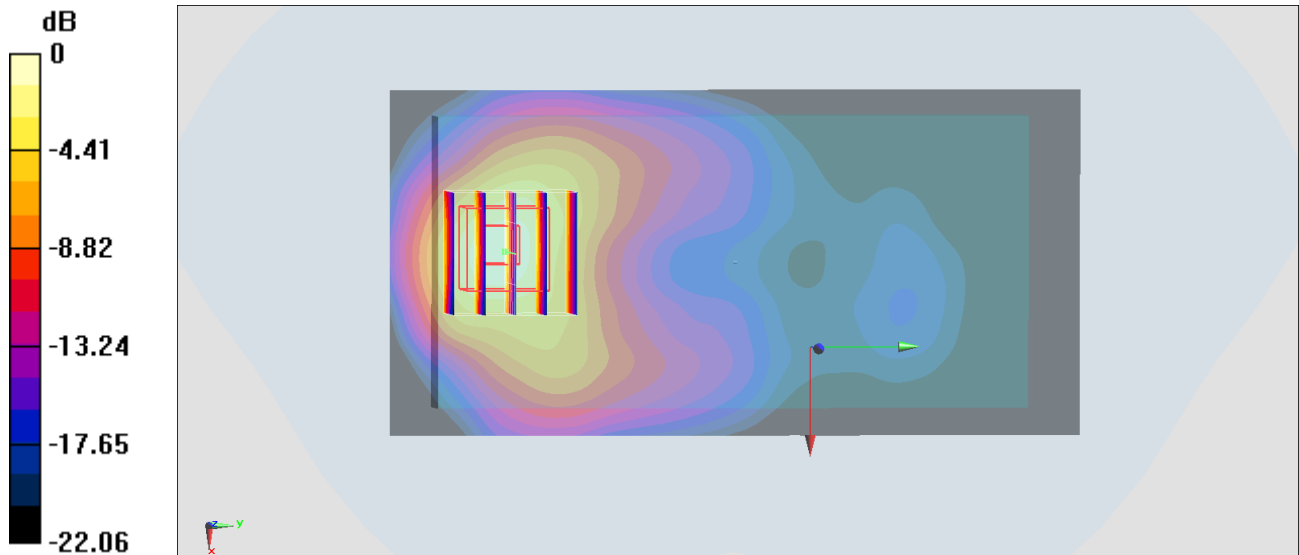
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.660 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 11.9 W/kg

SAR(1 g) = 5.54 W/kg; SAR(10 g) = 2.59 W/kg

Maximum value of SAR (measured) = 7.31 W/kg



0 dB = 7.31 W/kg = 8.64 dBW/kg

#40_WLAN5GHz_802.11a 6Mbps_Left Side_0mm_Ch52

Communication System: 802.11a ; Frequency: 5260 MHz; Duty Cycle: 1:1.056

Medium: HSL_5G_200502 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.893$ S/m; $\epsilon_r = 36.474$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(5.34, 5.34, 5.34) @ 5260 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 8.16 W/kg

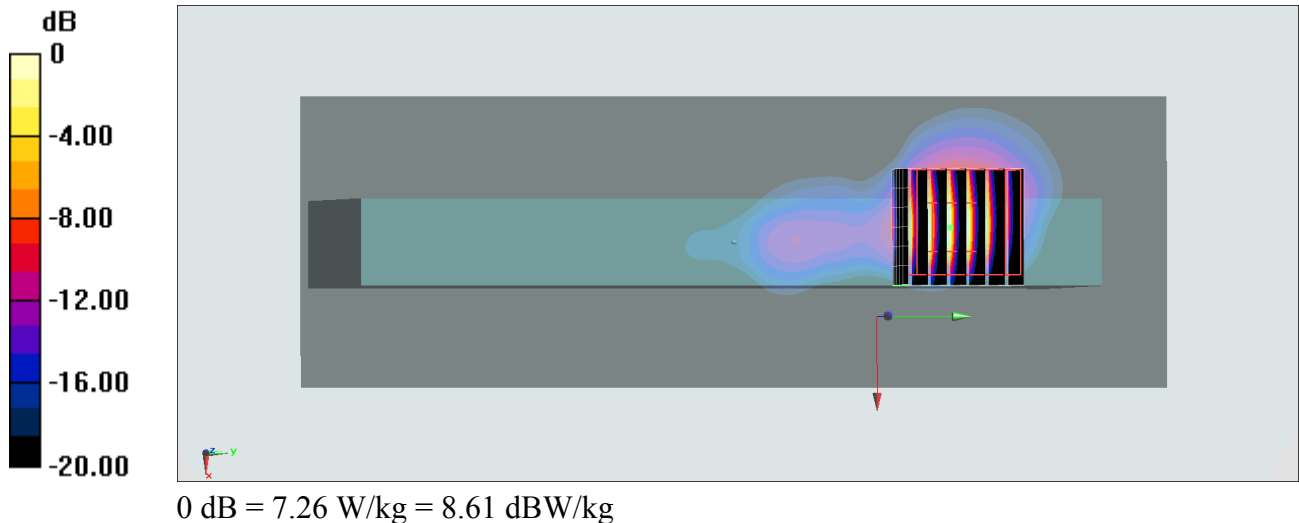
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 5.533 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 12.0 W/kg

SAR(1 g) = 2.59 W/kg; SAR(10 g) = 0.600 W/kg

Maximum value of SAR (measured) = 7.26 W/kg



#41_WLAN5GHz_802.11a 6Mbps_Left Side_0mm_Ch116

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.056

Medium: HSL_5G_200510 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.098$ S/m; $\epsilon_r = 36.142$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.79, 4.79, 4.79) @ 5580 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: SAM_Left; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.50 W/kg

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

Reference Value = 6.983 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 7.39 W/kg

SAR(1 g) = 1.38 W/kg; SAR(10 g) = 0.296 W/kg

Maximum value of SAR (measured) = 3.89 W/kg

