

43_Bluetooth_DH5 1Mbps_Back_5mm_Ch39

Communication System: UID 0, BT (0); Frequency: 2441 MHz; Duty Cycle: 1:1.304

Medium: HSL_2450_220509 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.092$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.6, 7.6, 7.6); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch39/Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.3800 W/kg

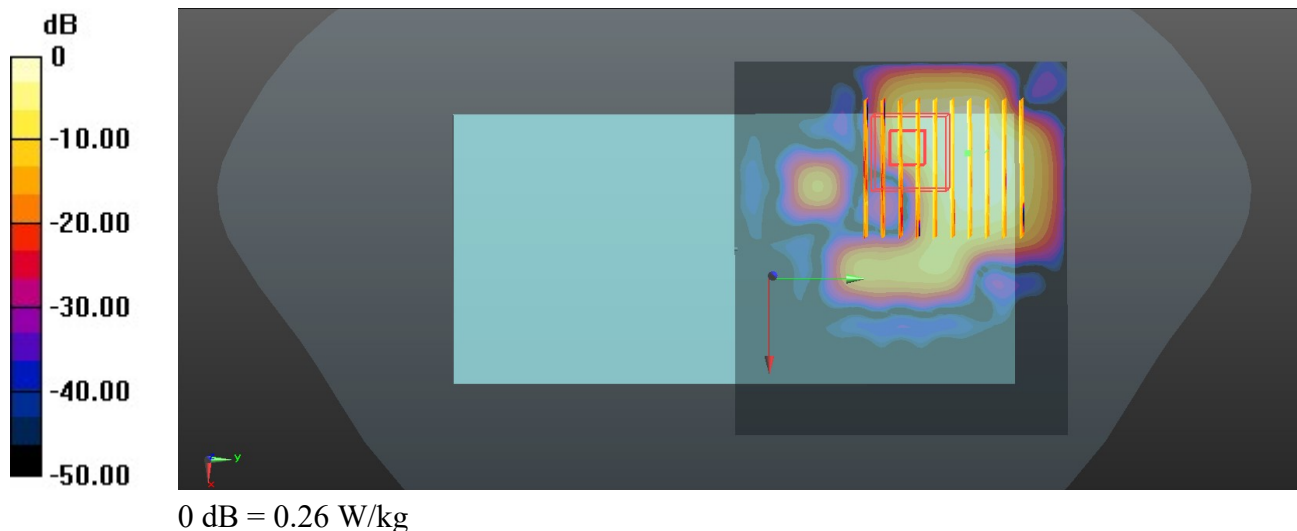
Ch39/Zoom Scan (9x10x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.26 W/kg



44_WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ch1

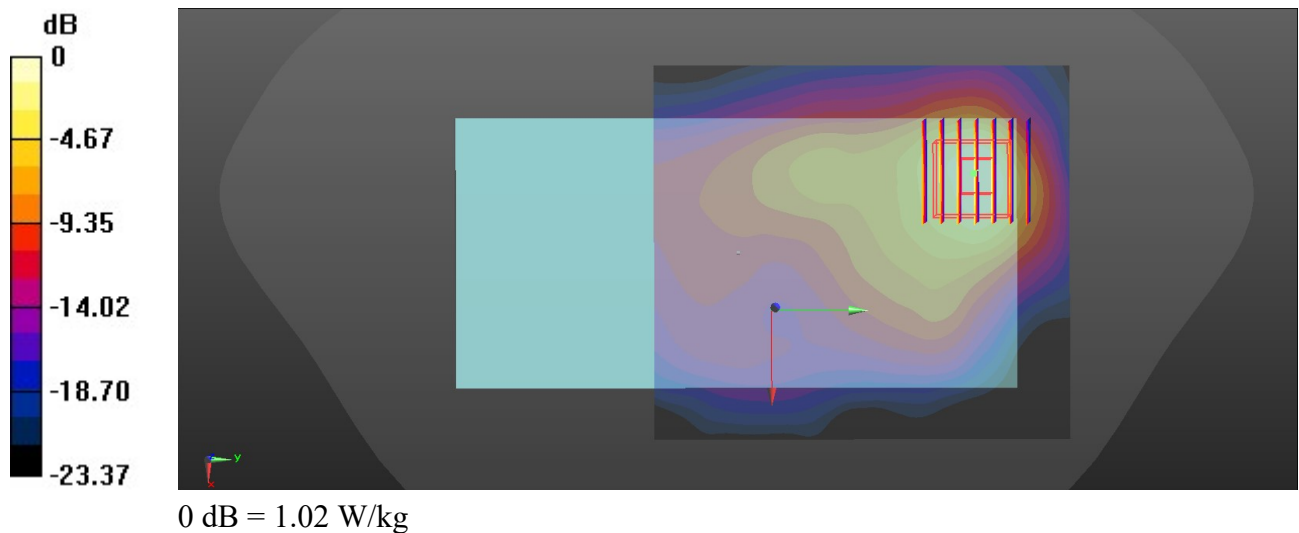
Communication System: UID 0, WIFI (0); Frequency: 2412 MHz; Duty Cycle: 1:1.014
 Medium: HSL_2450_220509 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 38.535$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.6 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.6, 7.6, 7.6); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch1/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 1.17 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 6.749 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.637 W/kg; SAR(10 g) = 0.303 W/kg
 Maximum value of SAR (measured) = 1.02 W/kg



45_WLAN5GHz_802.11n-HT40 MCS0_Back_5mm_Ch54

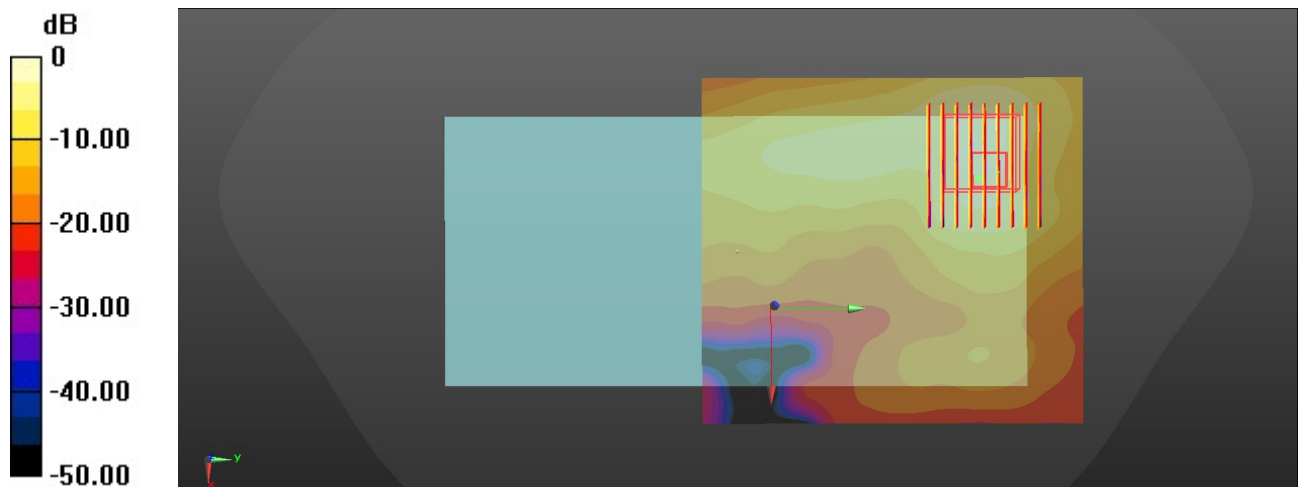
Communication System: UID 0, WIFI (0); Frequency: 5270 MHz; Duty Cycle: 1:1.038
 Medium: HSL_5250_220517 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.682$ S/m; $\epsilon_r = 37.5$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(5.31, 5.31, 5.31); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch54/Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 1.48 W/kg

Ch54/Zoom Scan (10x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 4.212 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 3.64 W/kg
SAR(1 g) = 0.718 W/kg; SAR(10 g) = 0.241 W/kg
 Maximum value of SAR (measured) = 1.85 W/kg



0 dB = 1.85 W/kg

46_WLAN5GHz_802.11ac-VHT80 MCS0_Front_5mm_Ch122

Communication System: UID 0, WIFI (0); Frequency: 5610 MHz;Duty Cycle: 1:1.079

Medium: HSL_5600_220518 Medium parameters used: $f = 5610$ MHz; $\sigma = 5.071$ S/m; $\epsilon_r = 36.899$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(4.82, 4.82, 4.82); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch122/Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

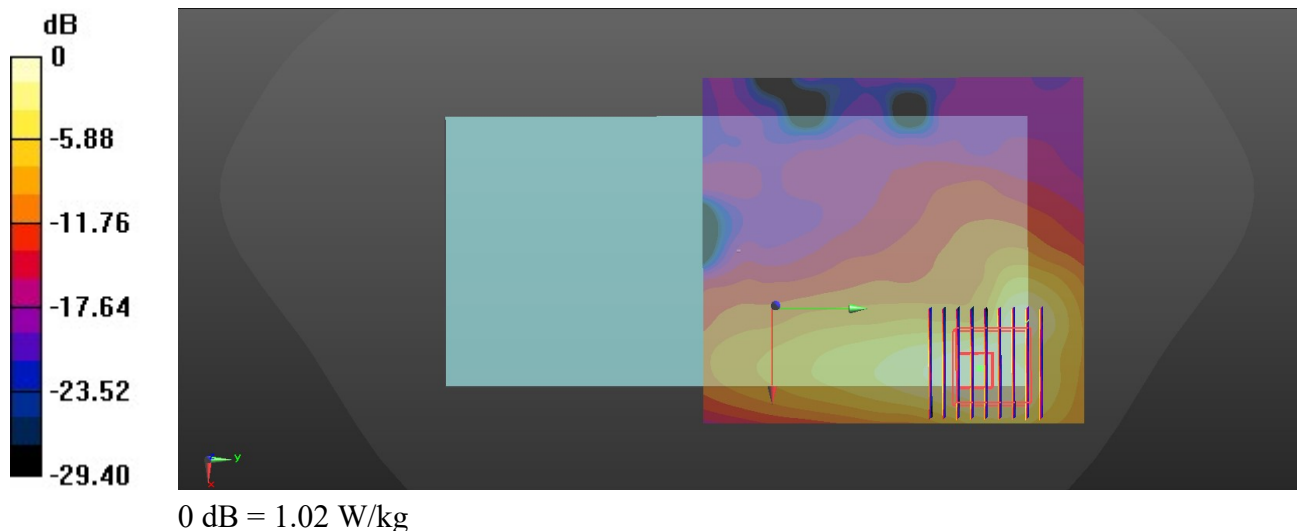
Ch122/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.376 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.172 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



47_WLAN5GHz_802.11ac-VHT80 MCS0_Front_5mm_Ch155

Communication System: UID 0, WIFI (0); Frequency: 5775 MHz; Duty Cycle: 1:1.079

Medium: HSL_5750_220518 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.269$ S/m; $\epsilon_r = 36.614$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(4.9, 4.9, 4.9); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch155/Area Scan (101x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.10 W/kg

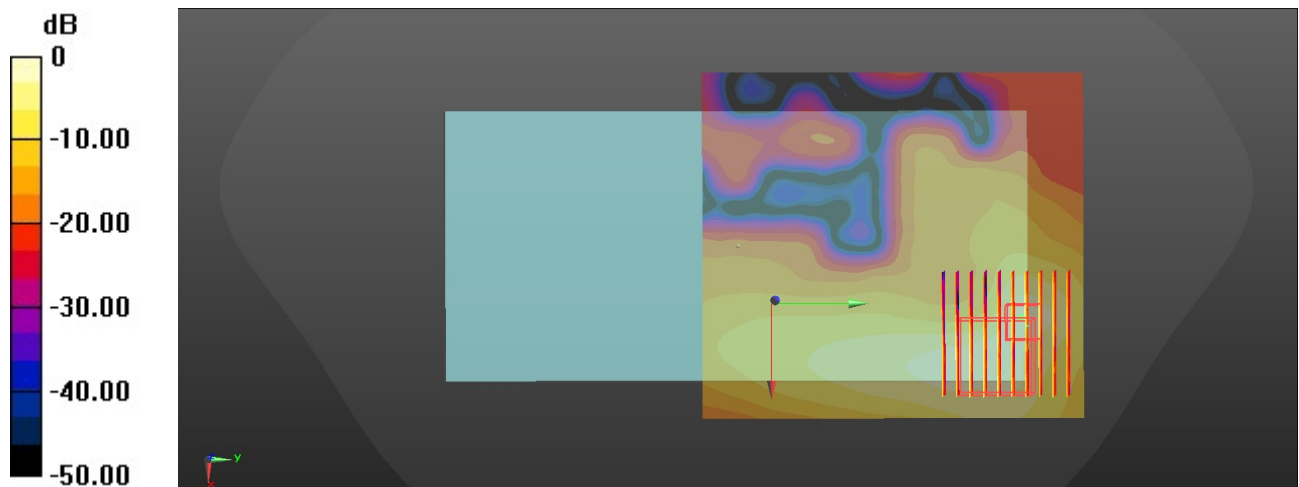
Ch155/Zoom Scan (10x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.013 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.136 W/kg

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



0 dB = 1.19 W/kg

48_GSM850_GPRS(2 Tx slots)_Back_0mm_Ch251

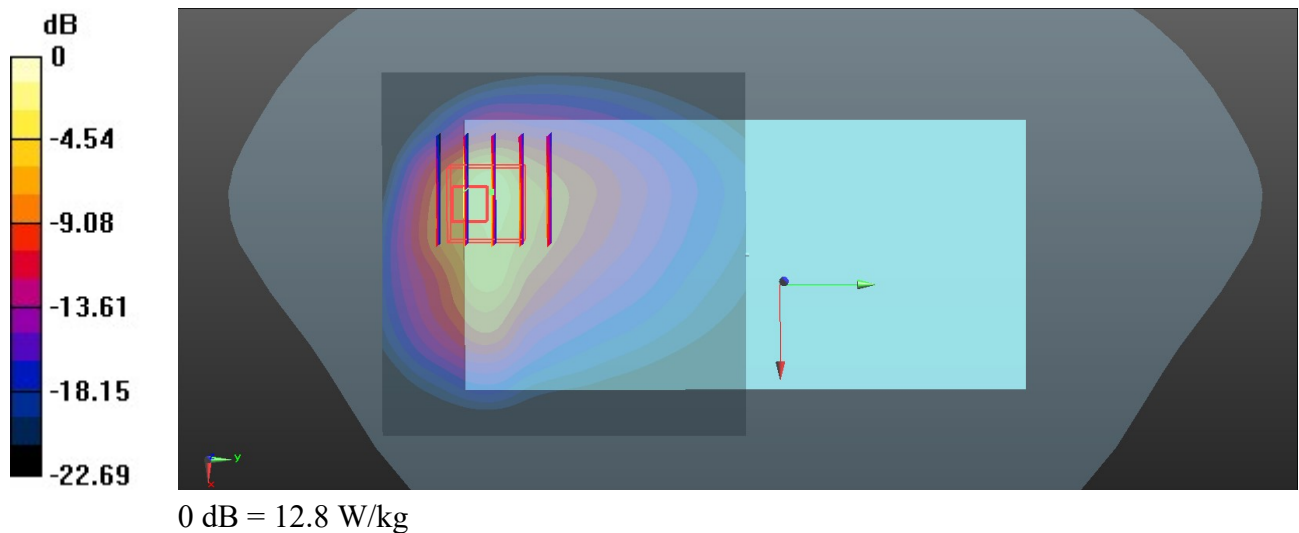
Communication System: UID 0, GPRS/EDGE10 (0); Frequency: 848.8 MHz; Duty Cycle: 1:4.15
 Medium: HSL_835_220511 Medium parameters used: $f = 849$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 40.606$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(9.54, 9.54, 9.54); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch251/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 6.33 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 12.19 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 21.2 W/kg
SAR(1 g) = 5.26 W/kg; SAR(10 g) = 2.27 W/kg
 Maximum value of SAR (measured) = 12.8 W/kg



49_WCDMA V_RMC 12.2Kbps_Back_0mm_Ch4182

Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL_835_220511 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 40.74$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(9.54, 9.54, 9.54); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch4182/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 4.05 W/kg

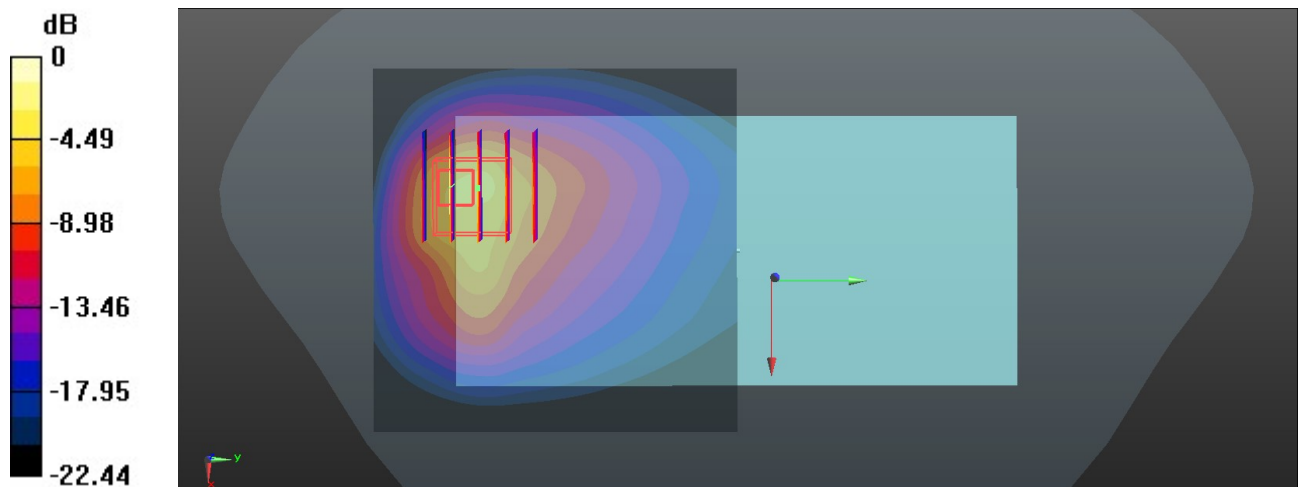
Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.40 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 16.0 W/kg

SAR(1 g) = 3.86 W/kg; SAR(10 g) = 1.66 W/kg

Maximum value of SAR (measured) = 9.39 W/kg



0 dB = 9.39 W/kg

50_LTE Band 26_15M_QPSK_1RB_37Offset_Back_0mm_Ch26865

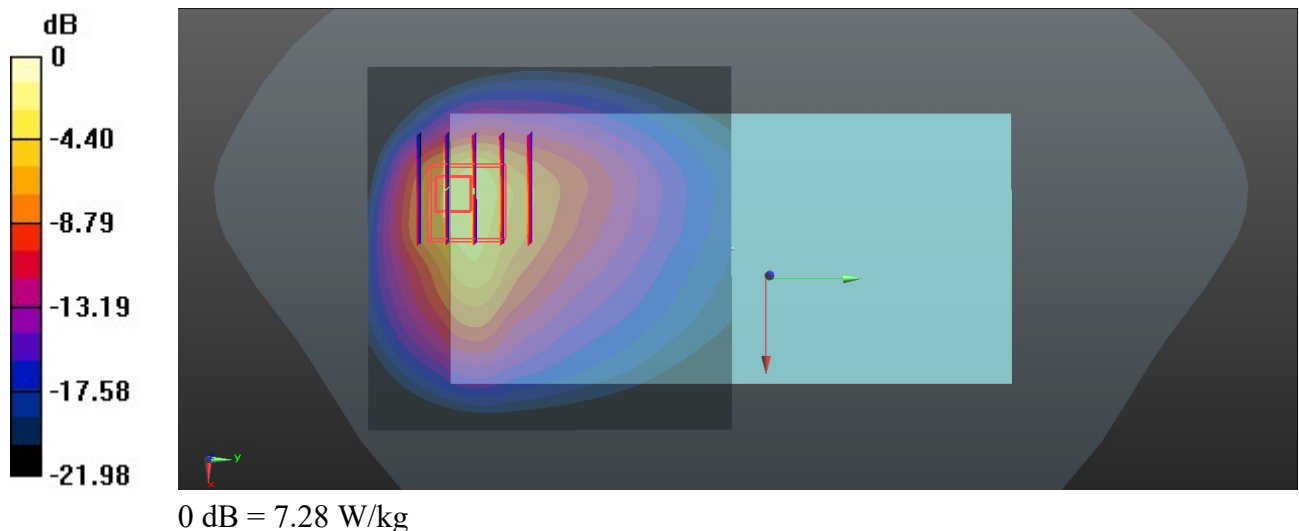
Communication System: UID 0, Generic LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
 Medium: HSL_835_220511 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 40.782$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(9.54, 9.54, 9.54); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch26865/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 3.62 W/kg

Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 10.57 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 12.8 W/kg
SAR(1 g) = 3.1 W/kg; SAR(10 g) = 1.37 W/kg
 Maximum value of SAR (measured) = 7.28 W/kg



51_WCDMA IV_RMC 12.2Kbps_Back_0mm_Ch1513

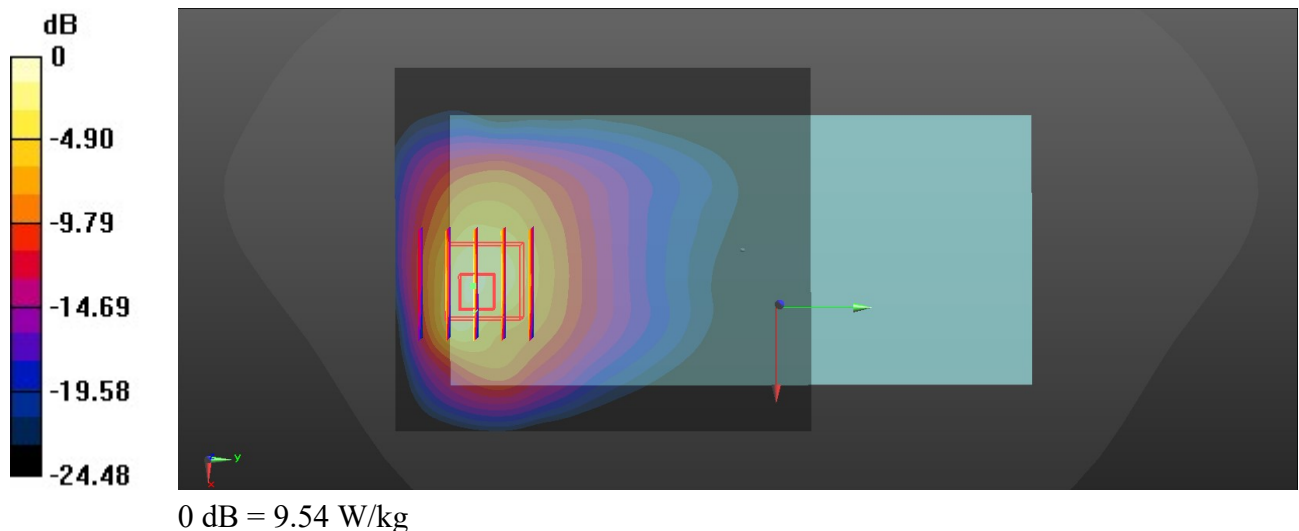
Communication System: UID 0, UMTS (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
 Medium: HSL_1750_220511 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.411$ S/m; $\epsilon_r = 39.789$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(8.38, 8.38, 8.38); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch1513/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 7.03 W/kg

Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 3.382 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 12.3 W/kg
SAR(1 g) = 5.59 W/kg; SAR(10 g) = 2.6 W/kg
 Maximum value of SAR (measured) = 9.54 W/kg



52_LTE Band 66_20M_QPSK_1RB_49Offset_Back_0mm_Ch132322

Communication System: UID 0, LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL_1750_220511 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 39.804$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(8.38, 8.38, 8.38); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch132322/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 8.20 W/kg

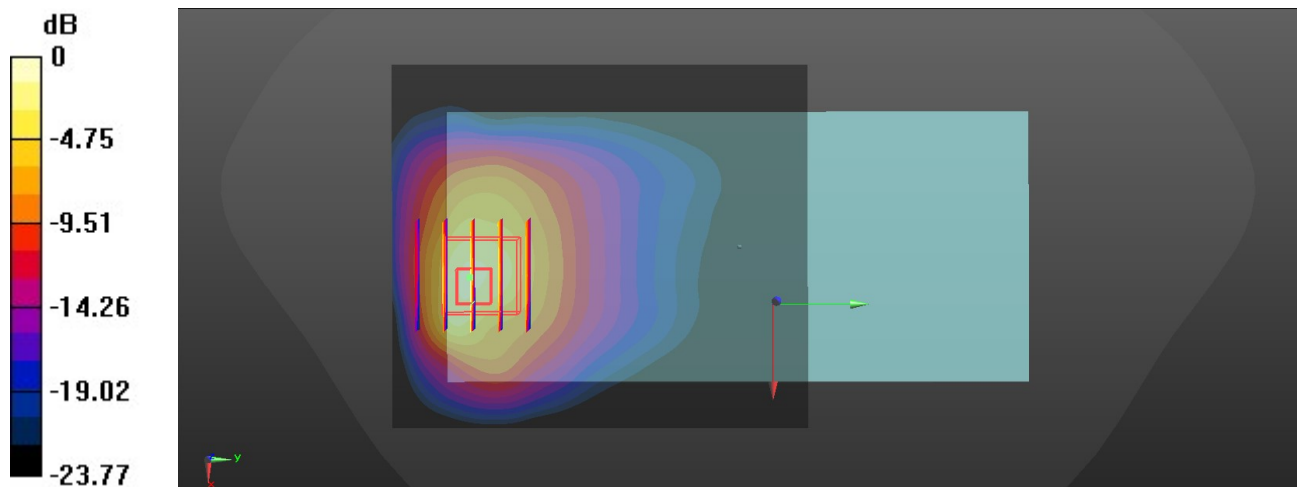
Ch132322/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.334 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 13.7 W/kg

SAR(1 g) = 6.4 W/kg; SAR(10 g) = 2.98 W/kg

Maximum value of SAR (measured) = 10.7 W/kg



0 dB = 10.7 W/kg

53_GSM1900_GPRS(2 Tx slots)_Back_0mm_Ch810

Communication System: UID 0, GPRS/EDGE10 (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
 Medium: HSL_1900_220514 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.469$ S/m; $\epsilon_r = 40.757$; $\rho = 1000$ kg/m³

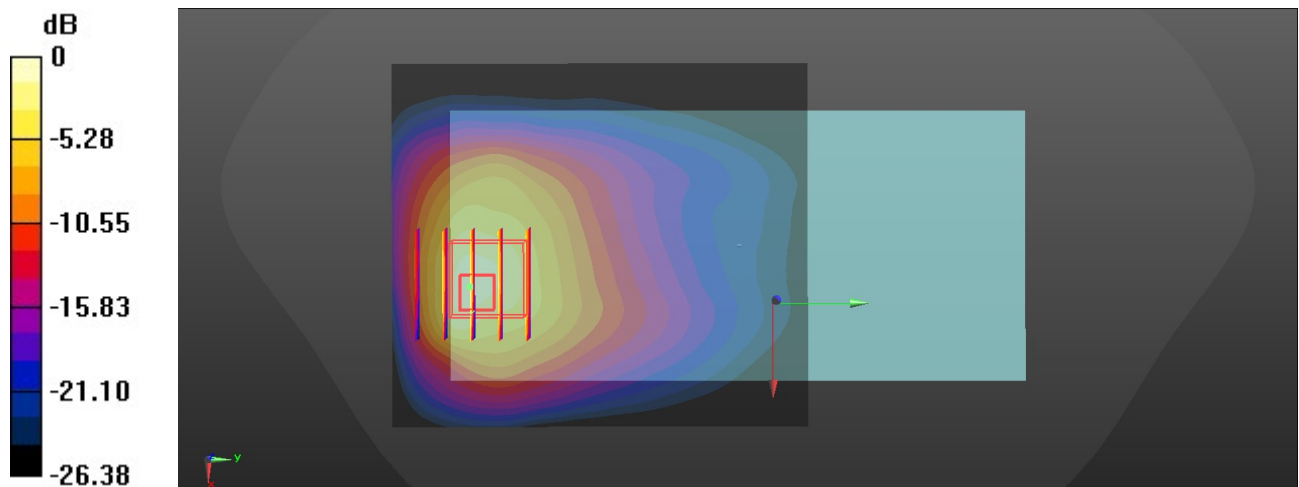
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.92, 7.92, 7.92); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch810/Area Scan (71x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
 Maximum value of SAR (interpolated) = 7.08 W/kg

Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 6.267 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 11.7 W/kg
SAR(1 g) = 5.16 W/kg; SAR(10 g) = 2.51 W/kg
 Maximum value of SAR (measured) = 8.65 W/kg



0 dB = 8.65 W/kg

54_WCDMA II_RMC 12.2Kbps_Back_0mm_Ch9538

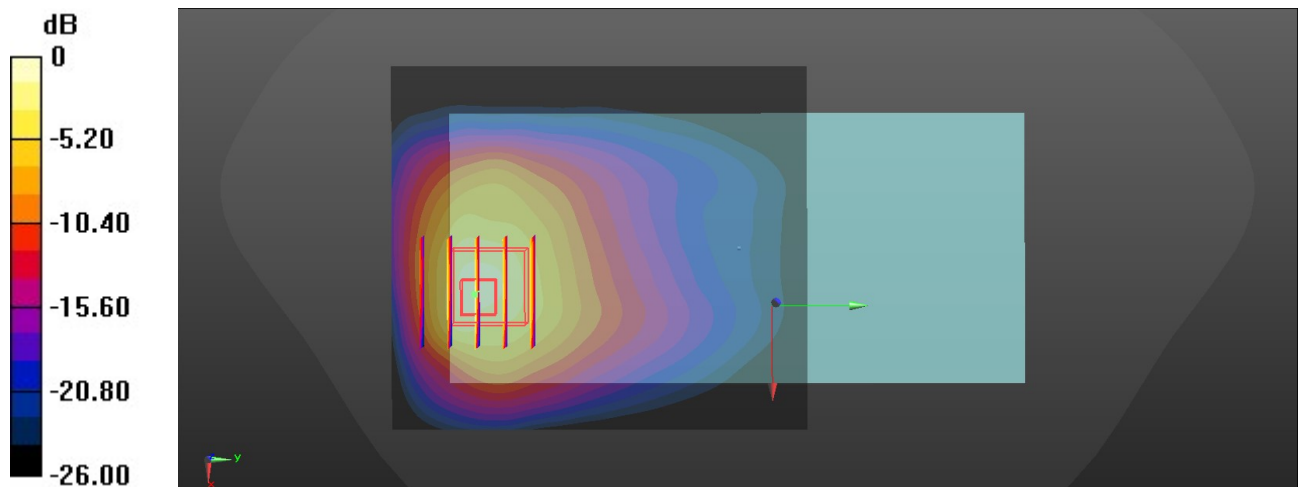
Communication System: UID 0, UMTS (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
 Medium: HSL_1900_220514 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.459$ S/m; $\epsilon_r = 39.181$; $\rho = 1000$ kg/m³
 Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.92, 7.92, 7.92); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch9538/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 7.52 W/kg

Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 6.460 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 12.5 W/kg
SAR(1 g) = 5.69 W/kg; SAR(10 g) = 2.74 W/kg
 Maximum value of SAR (measured) = 9.39 W/kg



0 dB = 9.39 W/kg

55_LTE Band 2_20M_QPSK_1RB_49Offset_Back_0mm_Ch19100

Communication System: UID 0, LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL_1900_220514 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.455$ S/m; $\epsilon_r = 39.186$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.92, 7.92, 7.92); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch19100/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

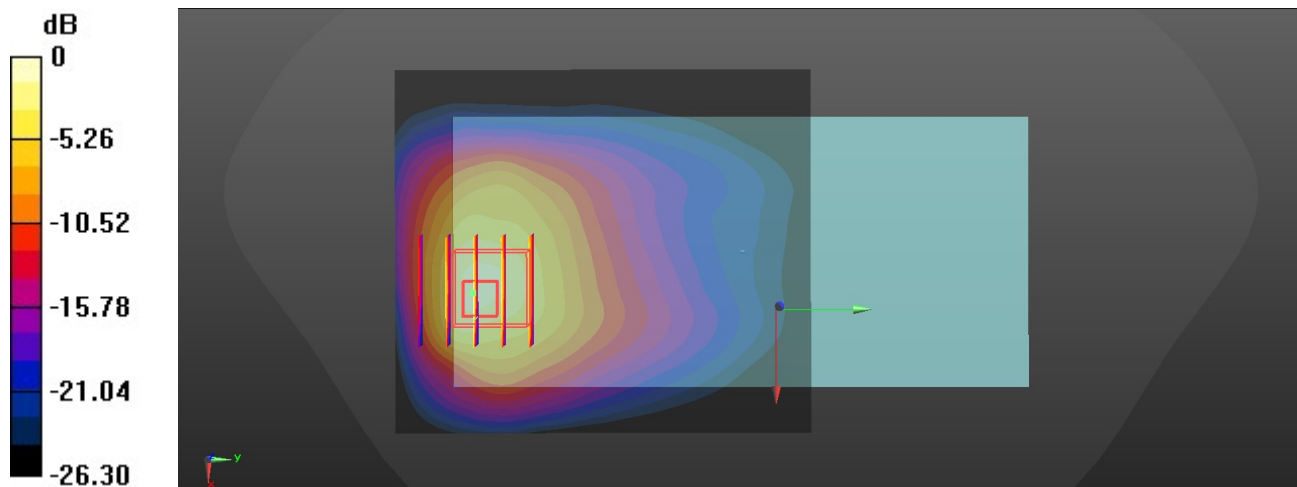
Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.012 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 11.8 W/kg

SAR(1 g) = 5.17 W/kg; SAR(10 g) = 2.5 W/kg

Maximum value of SAR (measured) = 8.82 W/kg



0 dB = 8.82 W/kg

56_LTE Band 7_20M_QPSK_1RB_49Offset_Back_0mm_Ch21350

Communication System: UID 0, LTE (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL_2600_220516 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.887$ S/m; $\epsilon_r = 39.576$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.35, 7.35, 7.35); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch21350/Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 10.6 W/kg

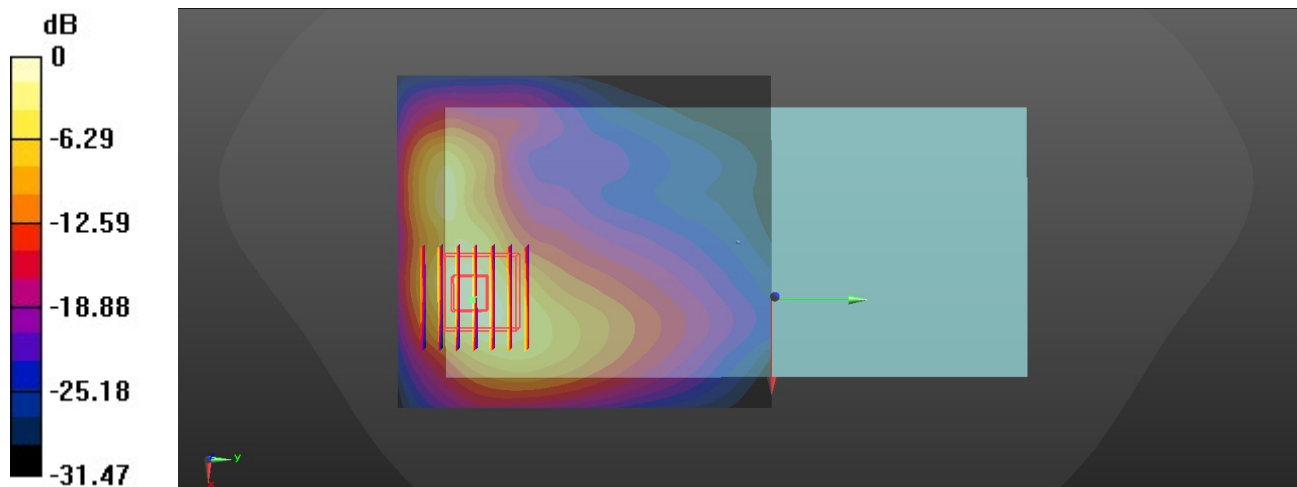
Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.140 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 16.4 W/kg

SAR(1 g) = 6.34 W/kg; SAR(10 g) = 2.65 W/kg

Maximum value of SAR (measured) = 12.1 W/kg



0 dB = 12.1 W/kg

57_LTE Band 38_20M_QPSK_1RB_49Offset_Back_0mm_Ch38000

Communication System: UID 0, LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_220516 Medium parameters used: $f = 2595$ MHz; $\sigma = 1.911$ S/m; $\epsilon_r = 39.541$; $\rho = 1000$ kg/m³

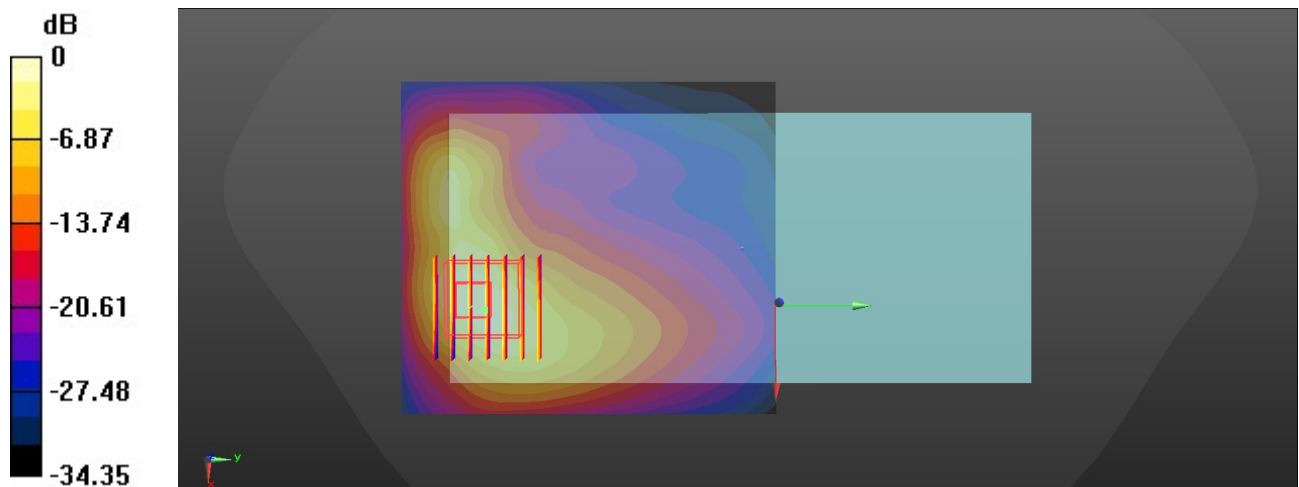
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.35, 7.35, 7.35); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch38000/Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 8.84 W/kg

Ch38000/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.208 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 14.7 W/kg
SAR(1 g) = 5.52 W/kg; SAR(10 g) = 2.33 W/kg
Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 10.6 W/kg

58_WLAN5GHz_802.11n-HT40 MCS0_Top Side_0mm_Ch46

Communication System: UID 0, WIFI (0); Frequency: 5230 MHz; Duty Cycle: 1:1.038

Medium: HSL_5250_220517 Medium parameters used: $f = 5230$ MHz; $\sigma = 4.637$ S/m; $\epsilon_r = 37.582$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(5.31, 5.31, 5.31); Calibrated: 2021/6/7

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn715; Calibrated: 2021/12/29

- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500

- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch46/Area Scan (41x11x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 11.4 W/kg

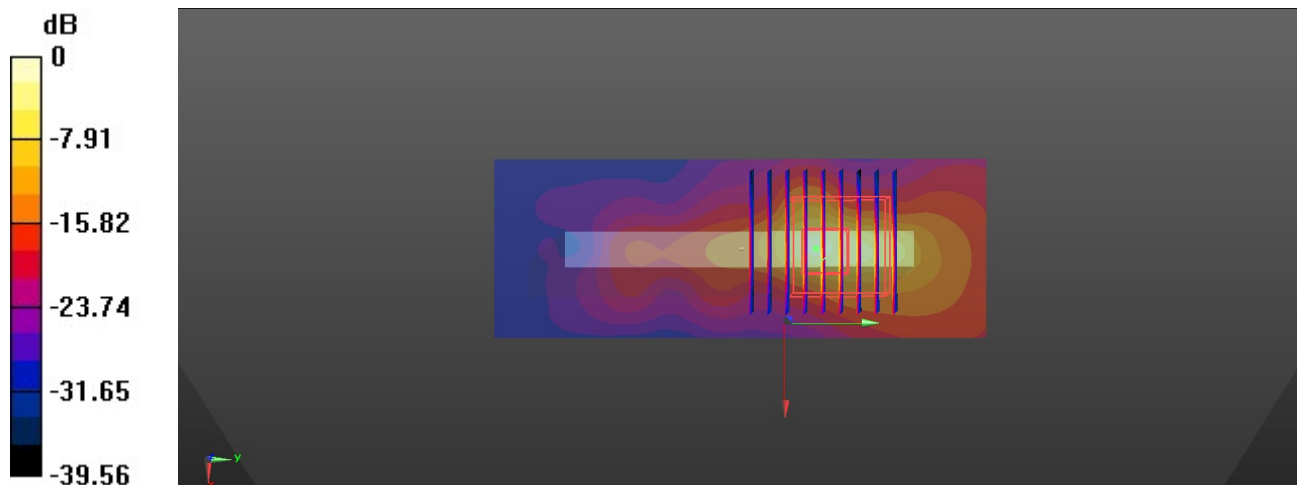
Ch46/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.80 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 30.6 W/kg

SAR(1 g) = 4.05 W/kg; SAR(10 g) = 0.926 W/kg

Maximum value of SAR (measured) = 16.3 W/kg



0 dB = 16.3 W/kg

59_WLAN5GHz_802.11n-HT40 MCS0_Top Side_0mm_Ch54

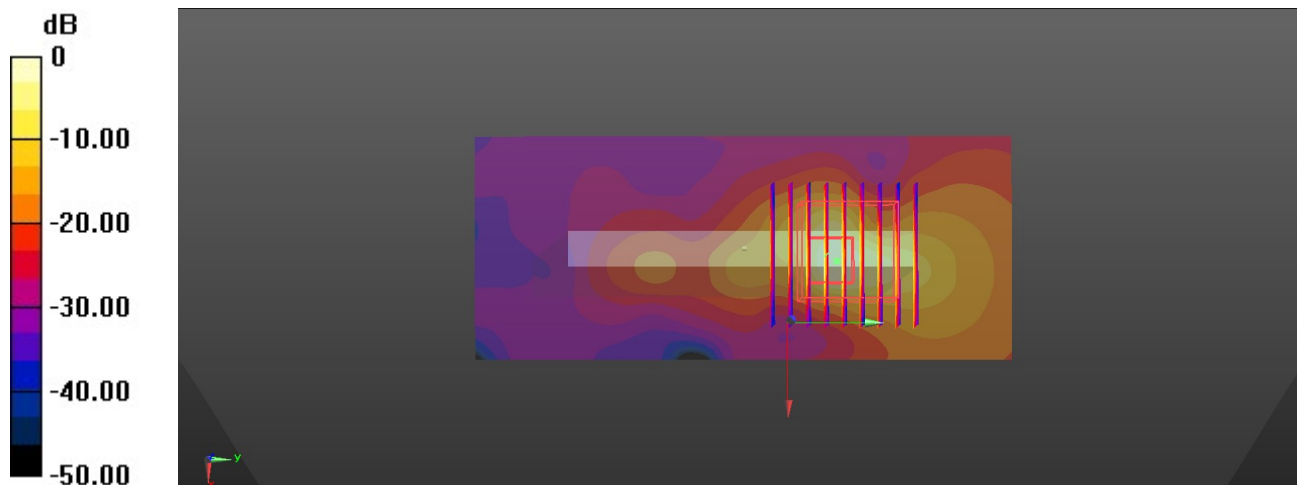
Communication System: UID 0, WIFI (0); Frequency: 5270 MHz; Duty Cycle: 1:1.038
Medium: HSL_5250_220517 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.682$ S/m; $\epsilon_r = 37.5$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(5.31, 5.31, 5.31); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch54/Area Scan (51x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 15.2 W/kg

Ch54/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.809 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 31.6 W/kg
SAR(1 g) = 3.8 W/kg; SAR(10 g) = 0.805 W/kg
Maximum value of SAR (measured) = 13.9 W/kg



0 dB = 13.9 W/kg

60_WLAN5GHz_802.11ac-VHT80 MCS0_Top Side_0mm_Ch122

Communication System: UID 0, WIFI (0); Frequency: 5610 MHz; Duty Cycle: 1:1.079

Medium: HSL_5600_220518 Medium parameters used: $f = 5610$ MHz; $\sigma = 5.071$ S/m; $\epsilon_r = 36.899$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(4.82, 4.82, 4.82); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch122/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 21.4 W/kg

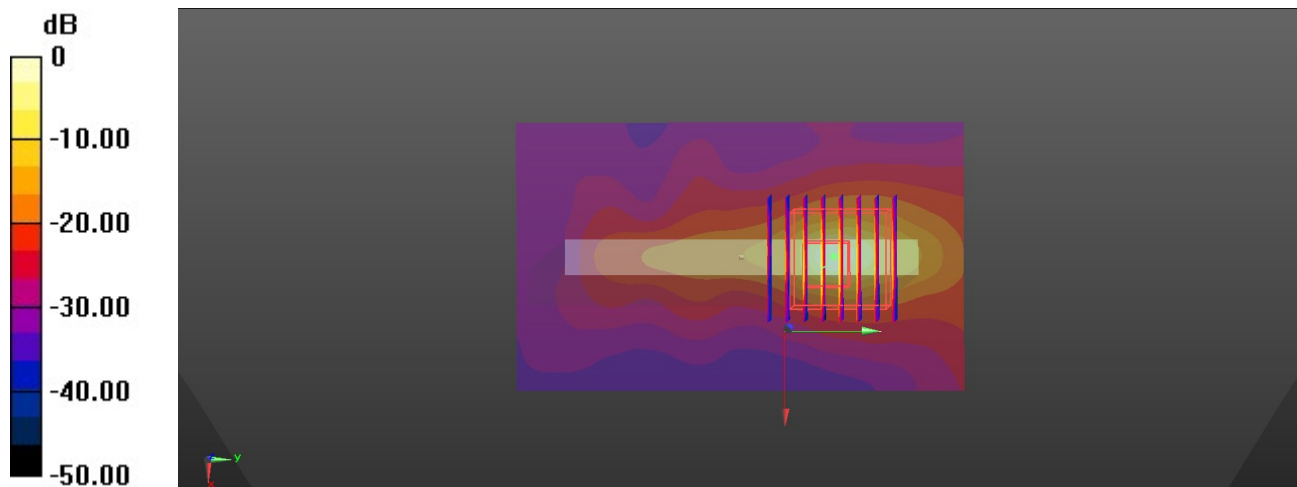
Ch122/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.753 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 46.9 W/kg

SAR(1 g) = 4.26 W/kg; SAR(10 g) = 0.821 W/kg

Maximum value of SAR (measured) = 20.1 W/kg



0 dB = 20.1 W/kg

61_WLAN5GHz_802.11ac-VHT80 MCS0_Top Side_0mm_Ch155

Communication System: UID 0, WIFI (0); Frequency: 5775 MHz; Duty Cycle: 1:1.079

Medium: HSL_5750_220518 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.269$ S/m; $\epsilon_r = 36.614$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(4.9, 4.9, 4.9); Calibrated: 2021/6/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn715; Calibrated: 2021/12/29
- Phantom: SAM (30deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP: 1500
- MMeasurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch155/Area Scan (41x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 16.3 W/kg

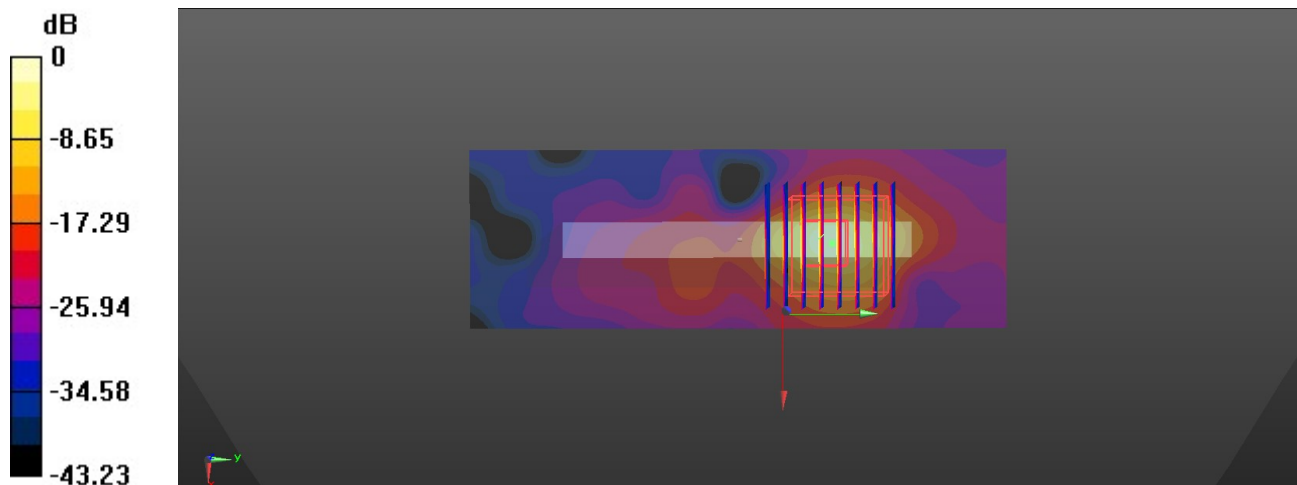
Ch155/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.874 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 38.8 W/kg

SAR(1 g) = 5.08 W/kg; SAR(10 g) = 0.934 W/kg

Maximum value of SAR (measured) = 15.5 W/kg



0 dB = 15.5 W/kg



Appendix C. DAS Y Calibration Certificate

The DAS Y calibration certificates are shown as follows.