

16_WLAN2.4GHz_802.11b 1Mbps_Right Tilted_0mm_Ch11_Ant1

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1.014

Medium: HSL_2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.869$ S/m; $\epsilon_r = 38.915$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.78, 6.78, 6.78); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.33 W/kg

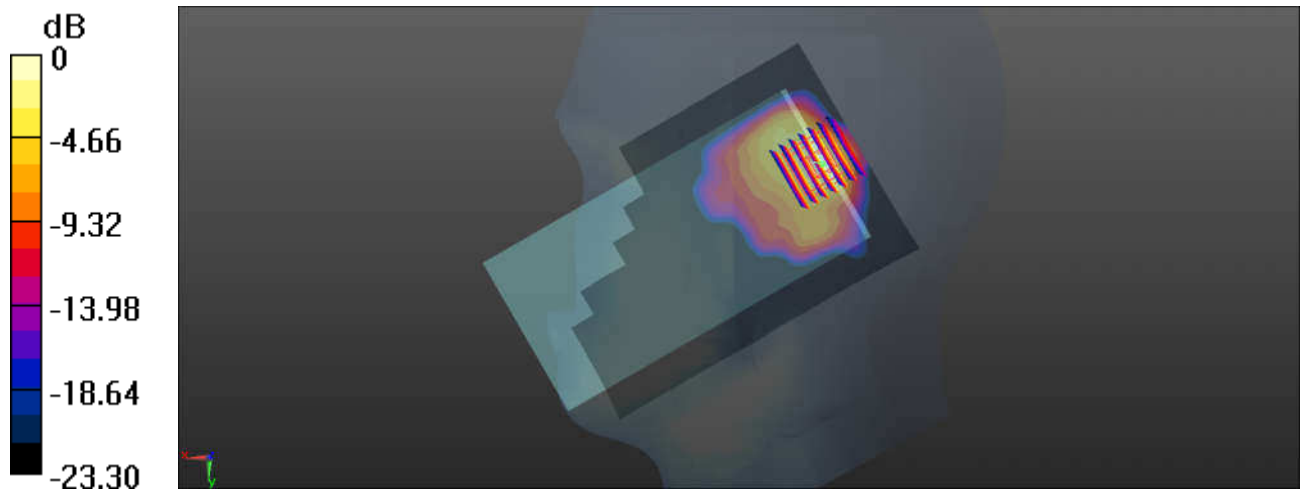
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.54 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 0.995 W/kg; SAR(10 g) = 0.422 W/kg

Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg = 2.01 dBW/kg

17_WLAN2.4GHz_802.11b 1Mbps_Left Tilted_0mm_Ch6_Ant 2

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz; Duty Cycle: 1:1.013

Medium: HSL_2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.839$ S/m; $\epsilon_r = 39.016$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.78, 6.78, 6.78); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.61 W/kg

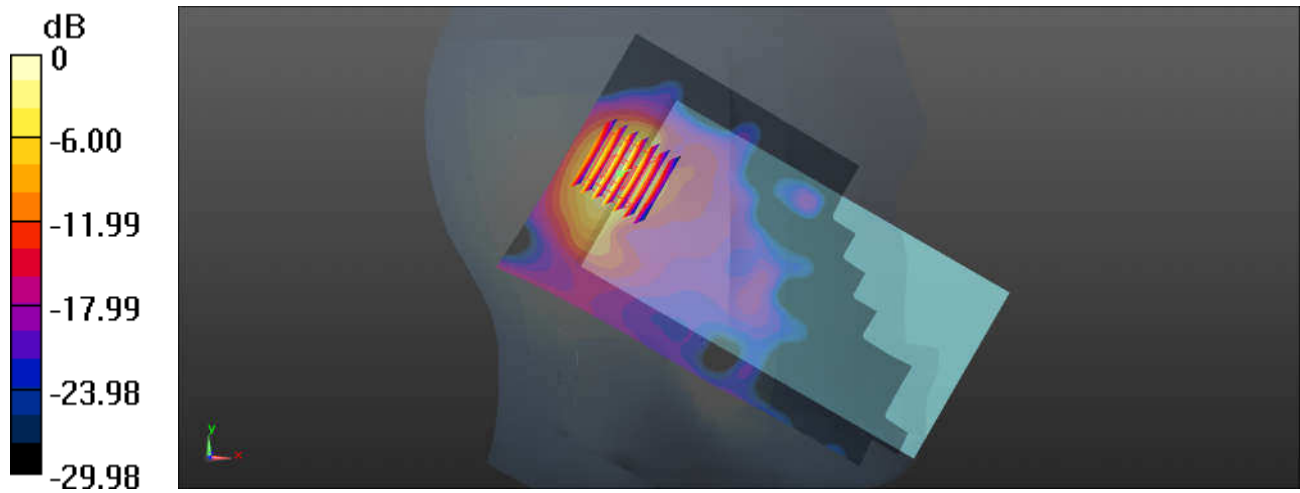
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.73 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.375 W/kg

Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

18_WLAN2.4GHz_802.11n-HT20 MCS0_Right Cheek_0mm_Ch11_Ant1+2

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1.084

Medium: HSL_2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.869$ S/m; $\epsilon_r = 38.915$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.78, 6.78, 6.78); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

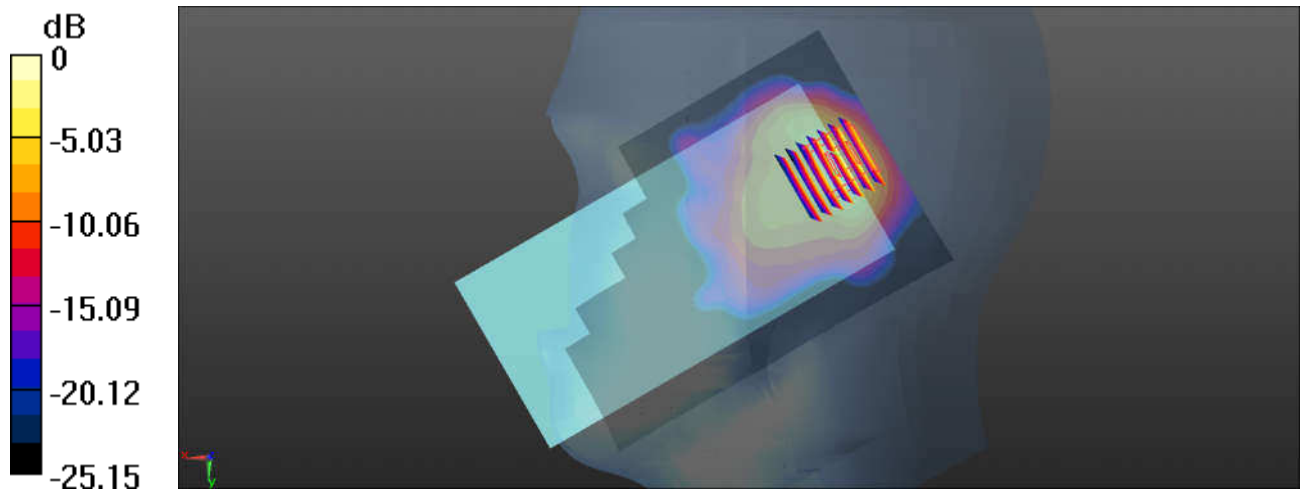
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.11 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.389 W/kg

Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg = 1.73 dBW/kg

19_WLAN5.3GHz_802.11a 6Mbps_Left Cheek_0mm_Ch64_Ant 1

Communication System: UID 0, WIFI (0); Frequency: 5320 MHz; Duty Cycle: 1:1.071

Medium: HSL_5000 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.695$ S/m; $\epsilon_r = 36.283$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.41, 4.41, 4.41); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch64/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.18 W/kg

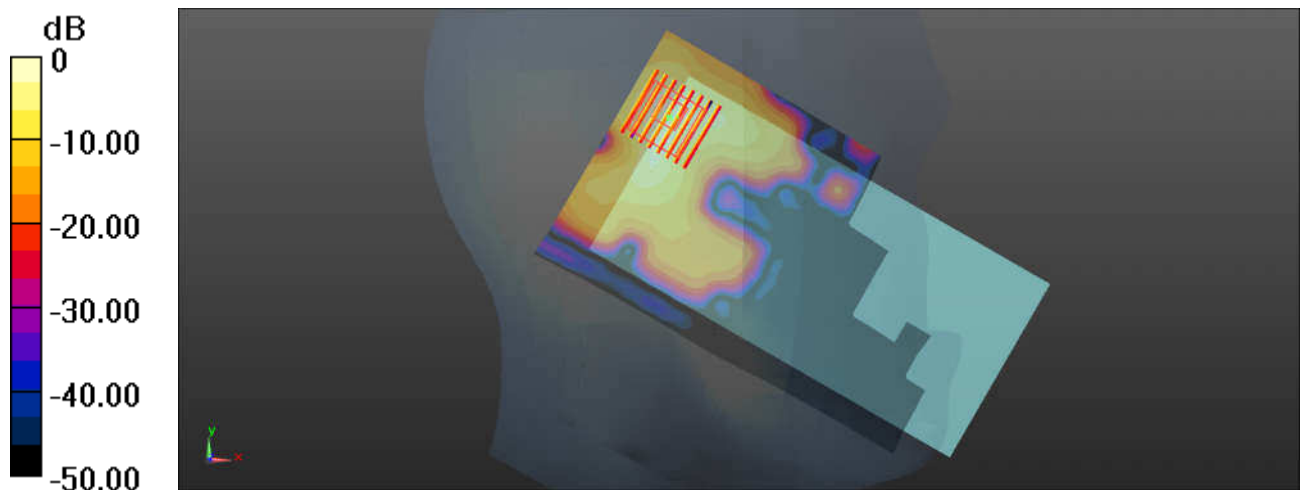
Ch64/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.44 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.29 W/kg

SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.186 W/kg

Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg = 1.37 dBW/kg

20_WLAN5.3GHz_802.11a 6Mbps_Left Cheek_0mm_Ch52_Ant 2

Communication System: UID 0, WIFI (0); Frequency: 5260 MHz; Duty Cycle: 1:1.076

Medium: HSL_5000 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.634$ S/m; $\epsilon_r = 36.378$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.41, 4.41, 4.41); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.512 W/kg

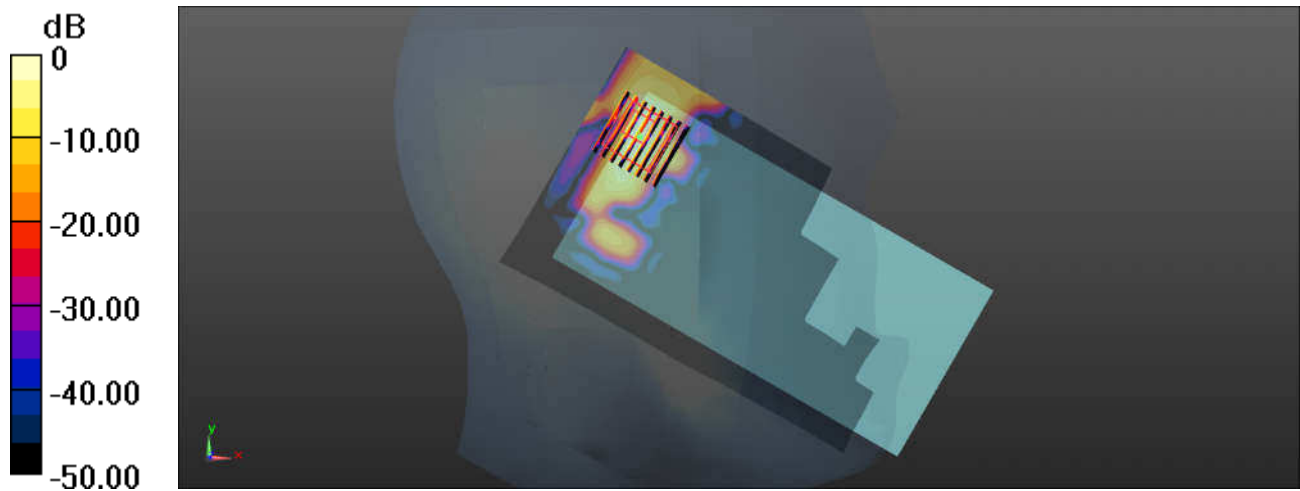
Ch52/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.929 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.742 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.460 W/kg



0 dB = 0.460 W/kg = -3.37 dBW/kg

21_WLAN5.3GHz_802.11n-HT20 MCS0_Left Cheek_0mm_Ch64_Ant 1+2

Communication System: UID 0, WIFI (0); Frequency: 5320 MHz; Duty Cycle: 1:1.067

Medium: HSL_5000 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.656$ S/m; $\epsilon_r = 36.342$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.41, 4.41, 4.41); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch64/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.53 W/kg

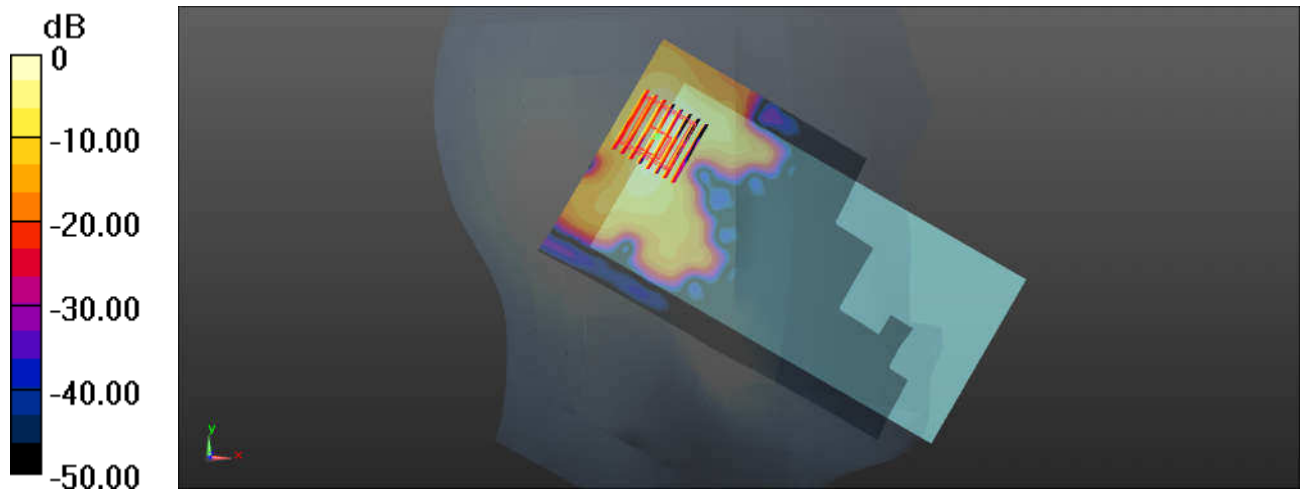
Ch64/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.75 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.29 W/kg

SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

22_WLAN5.5GHz_802.11a 6Mbps_Left Cheek_0mm_Ch100_Ant 1

Communication System: UID 0, WIFI (0); Frequency: 5500 MHz; Duty Cycle: 1:1.071

Medium: HSL_5000 Medium parameters used: $f = 5500$ MHz; $\sigma = 4.875$ S/m; $\epsilon_r = 36.043$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.32, 4.32, 4.32); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch100/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.731 W/kg

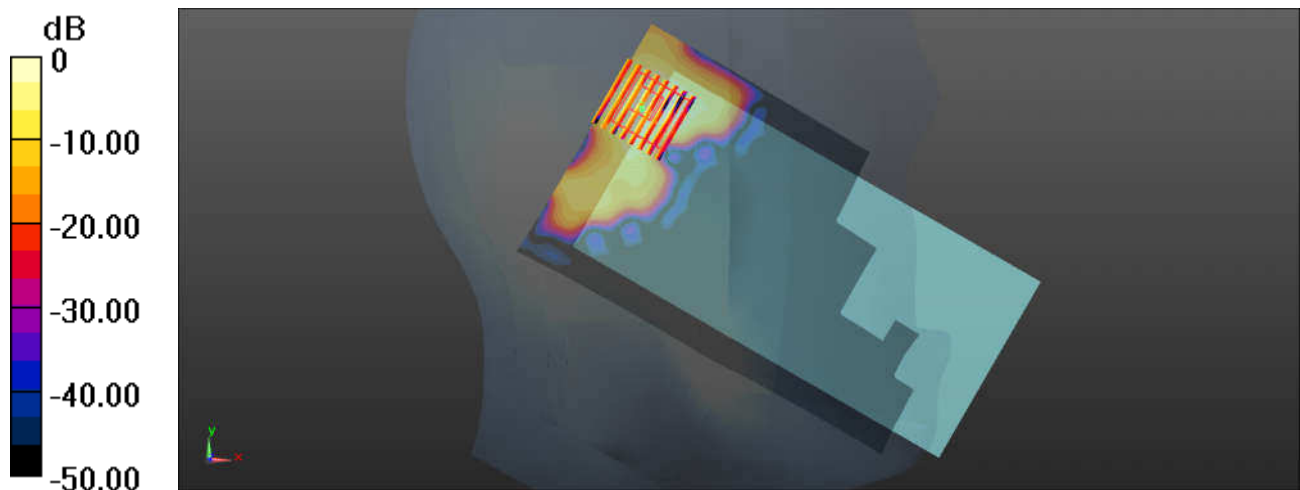
Ch100/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.646 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.730 W/kg



0 dB = 0.730 W/kg = -1.37 dBW/kg

23_WLAN5.5GHz_802.11n-HT20_Left Cheek_0mm_Ch100_Ant 2

Communication System: UID 0, WIFI (0); Frequency: 5500 MHz; Duty Cycle: 1:1.084

Medium: HSL_5000 Medium parameters used: $f = 5500$ MHz; $\sigma = 4.893$ S/m; $\epsilon_r = 36.203$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.7, 4.7, 4.7); Calibrated: 2016.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch100/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.301 W/kg

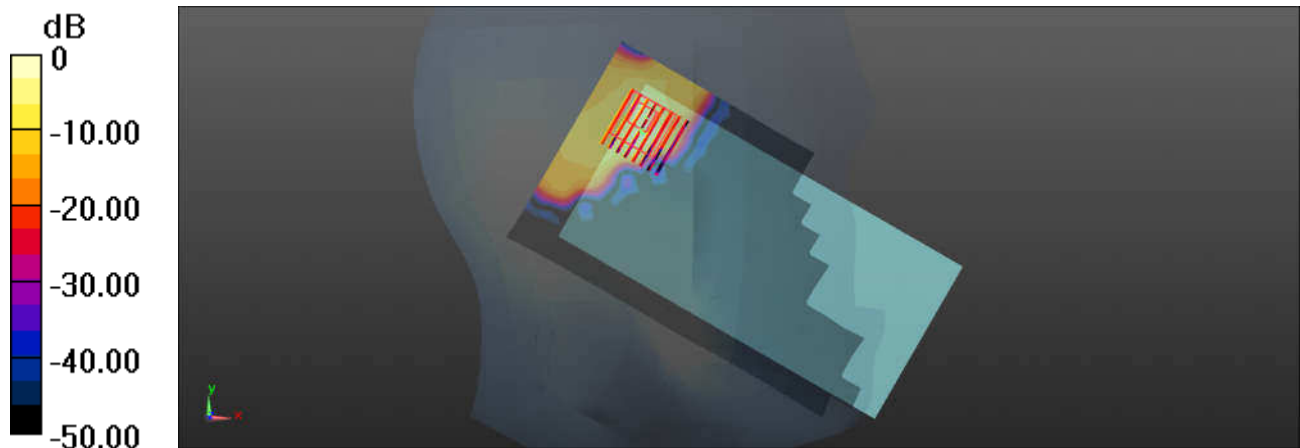
Ch100/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.070 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.841 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.515 W/kg



0 dB = 0.515 W/kg = -2.88 dBW/kg

24_WLAN5.5GHz_802.11n-HT20 MCS0_Left Cheek_0mm_Ch100_Ant 1+2

Communication System: UID 0, WIFI (0); Frequency: 5500 MHz; Duty Cycle: 1:1.067

Medium: HSL_5000 Medium parameters used: $f = 5500$ MHz; $\sigma = 4.875$ S/m; $\epsilon_r = 36.043$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.32, 4.32, 4.32); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch100/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

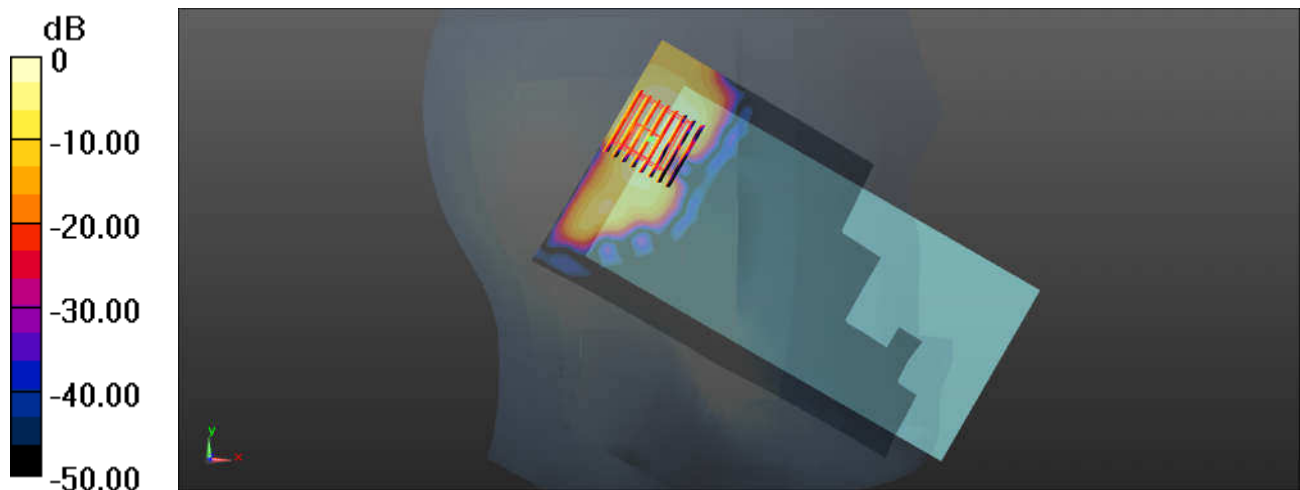
Ch100/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.448 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.100 W/kg

Maximum value of SAR (measured) = 0.767 W/kg



0 dB = 0.767 W/kg = -1.15 dBW/kg

25_WLAN5.8GHz_802.11a 6Mbps_Left Cheek_0mm_Ch157_Ant 1

Communication System: UID 0, WIFI (0); Frequency: 5785 MHz; Duty Cycle: 1:1.071

Medium: HSL_5000 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.176$ S/m; $\epsilon_r = 35.647$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.14, 4.14, 4.14); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch157/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.650 W/kg

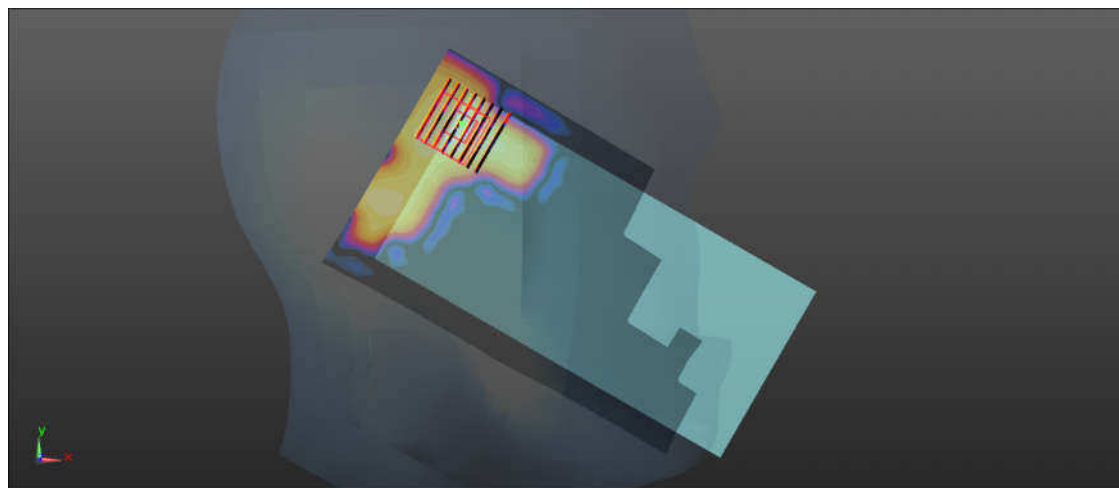
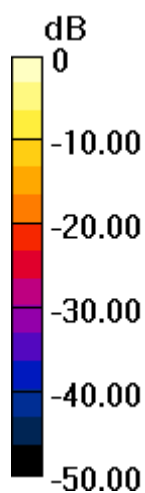
Ch157/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.613 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.698 W/kg



0 dB = 0.698 W/kg = -1.56 dBW/kg

26_WLAN5.8GHz_802.11a 6Mbps_Left Check_0mm_Ch165_Ant 2

Communication System: UID 0, WIFI (0); Frequency: 5825 MHz; Duty Cycle: 1:1.076

Medium: HSL_5000 Medium parameters used: $f = 5825$ MHz; $\sigma = 5.22$ S/m; $\epsilon_r = 35.594$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.14, 4.14, 4.14); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch165/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.614 W/kg

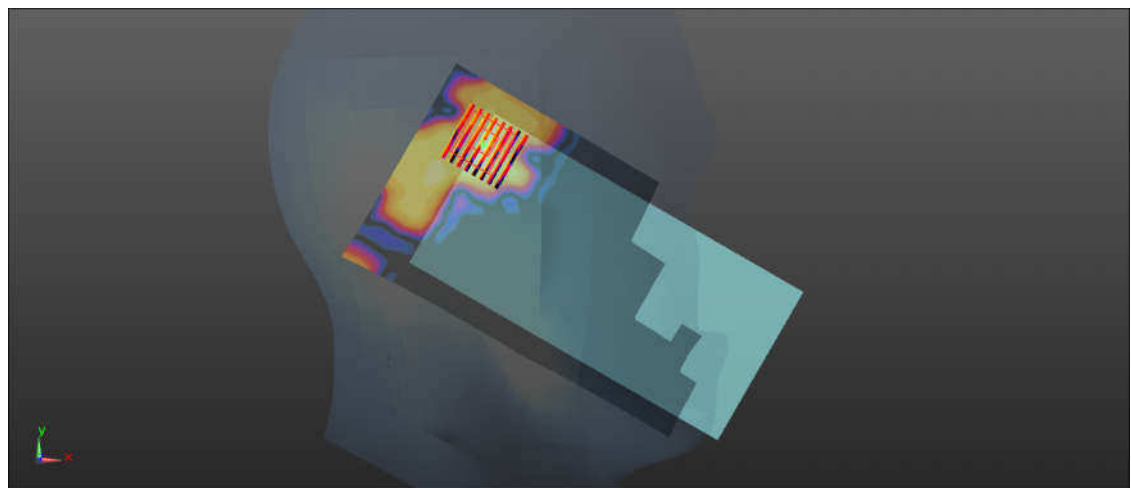
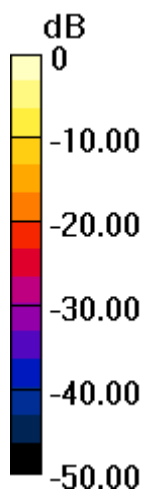
Ch165/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.246 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.056 W/kg

Maximum value of SAR (measured) = 0.884 W/kg



0 dB = 0.884 W/kg = -0.54 dBW/kg

27_WLAN5.8GHz_802.11n-HT20 MCS0_Left Cheek_0mm_Ch165_Ant 1+2

Communication System: UID 0, WIFI (0); Frequency: 5825 MHz; Duty Cycle: 1:1.067

Medium: HSL_5000 Medium parameters used: $f = 5825$ MHz; $\sigma = 5.22$ S/m; $\epsilon_r = 35.594$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.14, 4.14, 4.14); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch165/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.713 W/kg

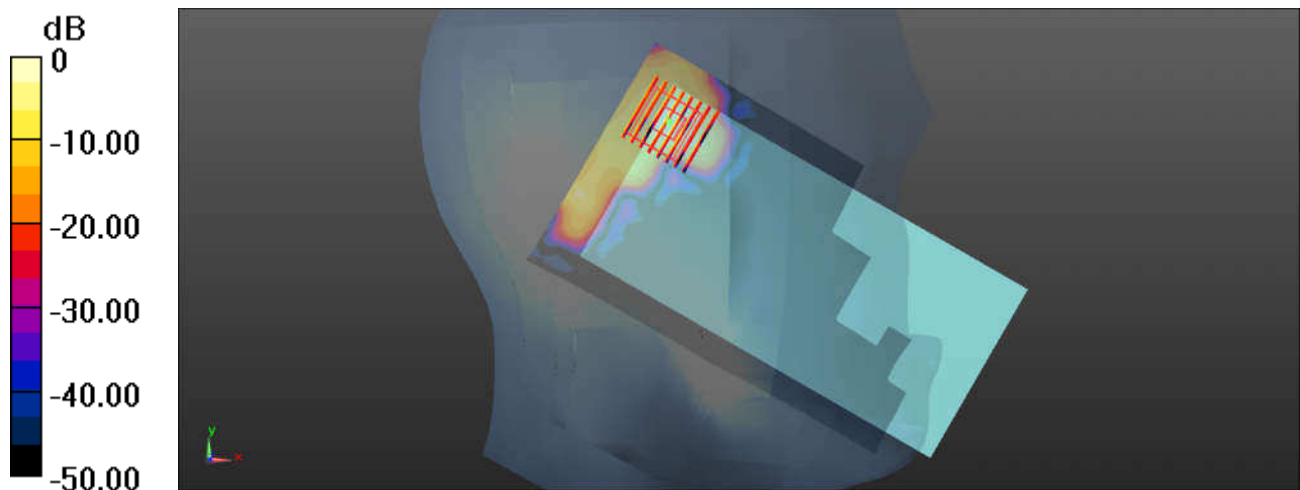
Ch165/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.261 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.066 W/kg

Maximum value of SAR (measured) = 0.902 W/kg



0 dB = 0.902 W/kg = -0.45 dBW/kg

28_Bluetooth_1Mbps_Right Tilted_0mm_Ch78

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.302

Medium: HSL_2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.89$ S/m; $\epsilon_r = 38.836$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.78, 6.78, 6.78); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch78/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.171 W/kg

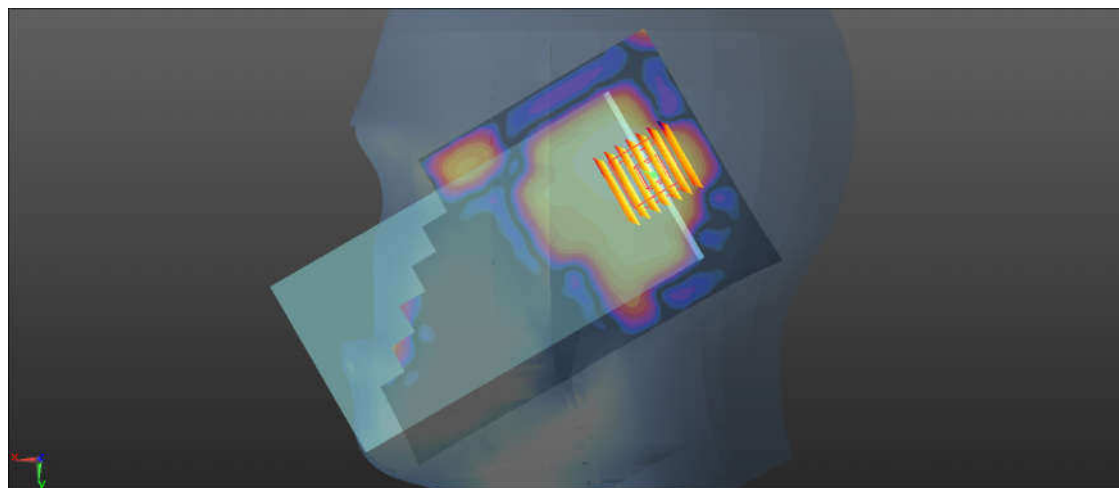
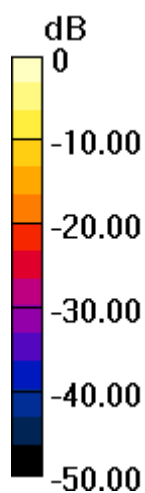
Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.625 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.169 W/kg



0 dB = 0.169 W/kg = -7.72 dBW/kg

29_GSM850_GPRS 4 Tx slots_Front_10mm_Ch128

Communication System: UID 0, GPRS/EDGE (4 Tx slots) (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: MSL_850 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.973$ S/m; $\epsilon_r = 54.651$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.86, 8.86, 8.86); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch128/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

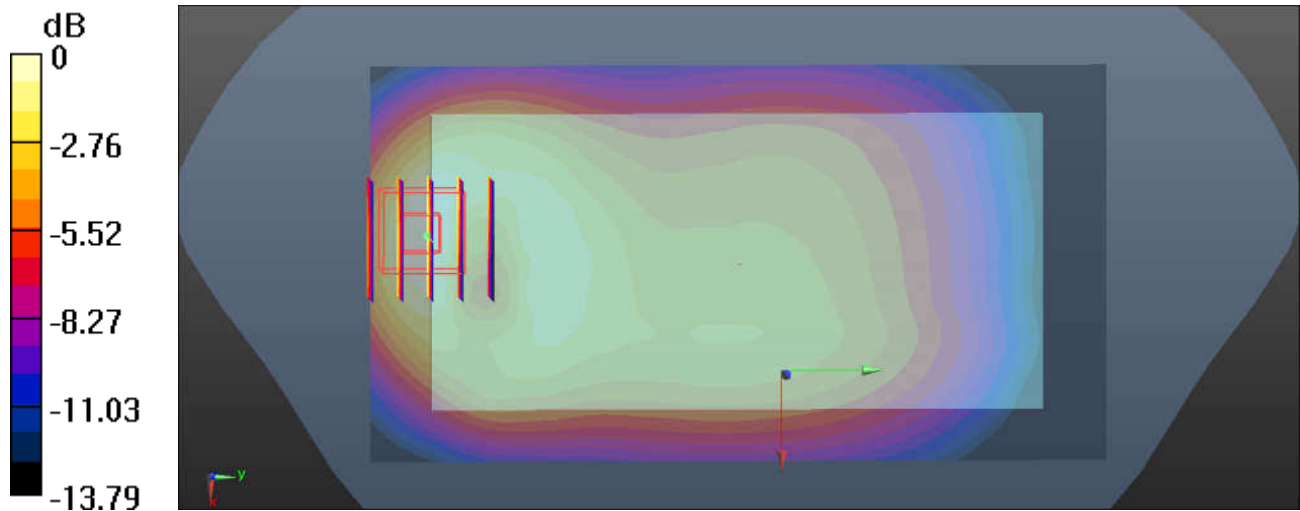
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.85 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.464 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

30_GSM1900_GPRS 3 Tx slots_Bottom Side_10mm_Ch512

Communication System: UID 0, GPRS/EDGE (3 Tx slots) (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.77

Medium: MSL_1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.505$ S/m; $\epsilon_r = 54.798$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch512/Area Scan (41x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.45 W/kg

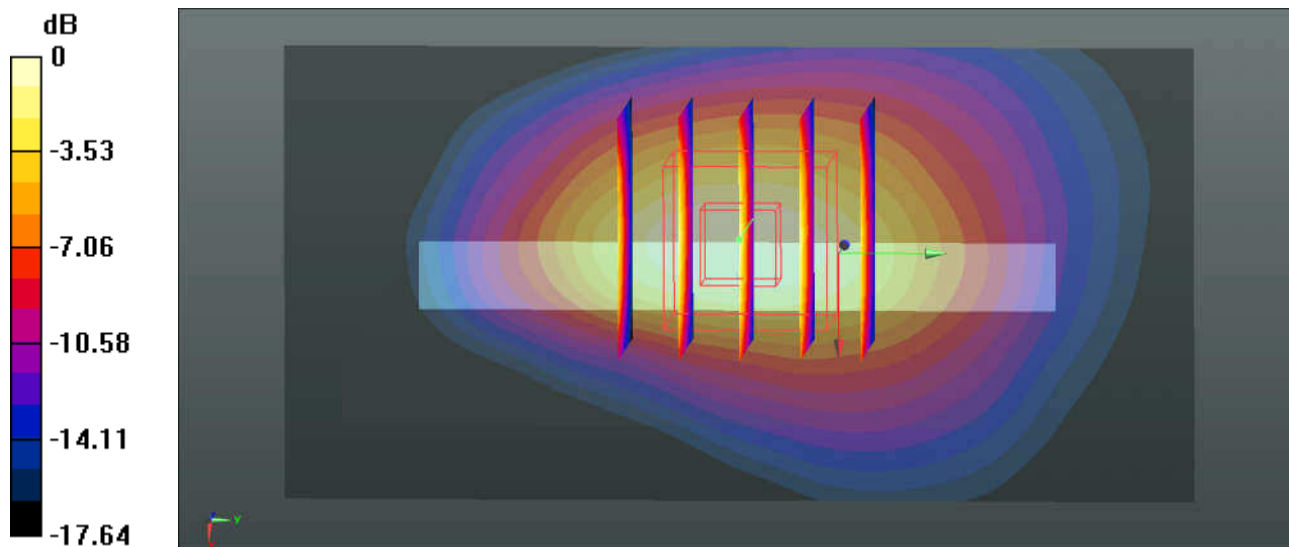
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 28.75 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.555 W/kg

Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

31_WCDMA Band V_RMC12.2Kbps_Front_10mm_Ch4233

Communication System: UID 0, UMTS (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850 Medium parameters used: $f = 846.6$ MHz; $\sigma = 0.995$ S/m; $\epsilon_r = 54.437$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.86, 8.86, 8.86); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4233/Area Scan (71x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.805 W/kg

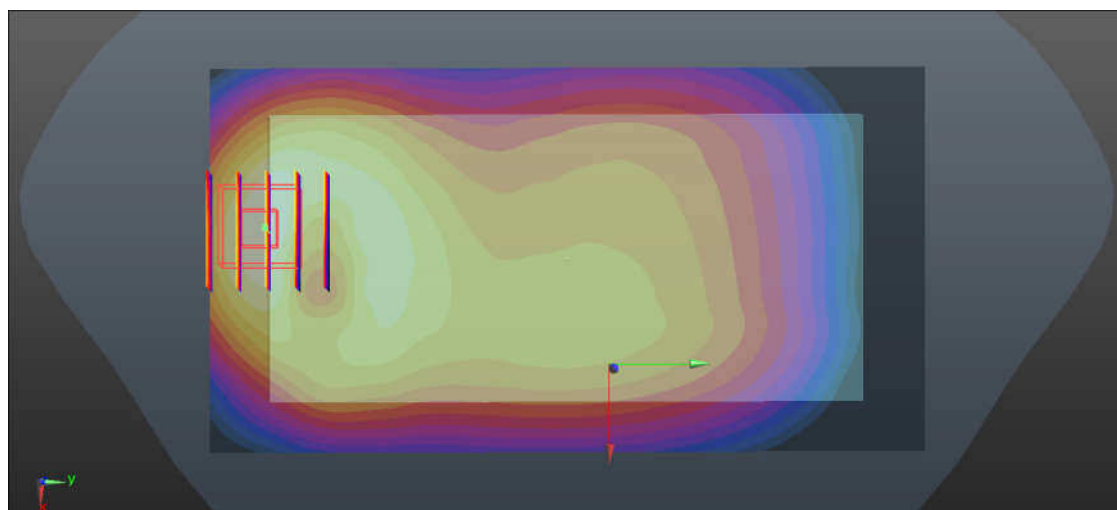
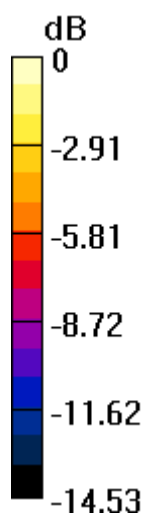
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.88 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.970 W/kg

SAR(1 g) = 0.593 W/kg; SAR(10 g) = 0.351 W/kg

Maximum value of SAR (measured) = 0.802 W/kg



0 dB = 0.802 W/kg = -0.96 dBW/kg

32_WCDMA Band IV_RMC 12.2Kbps_Bottom Side_10mm_Ch1513

Communication System: UID 0, UMTS (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750 Medium parameters used: $f = 1752.6$ MHz; $\sigma = 1.512$ S/m; $\epsilon_r = 54.526$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.81, 7.81, 7.81); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1513/Area Scan (31x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

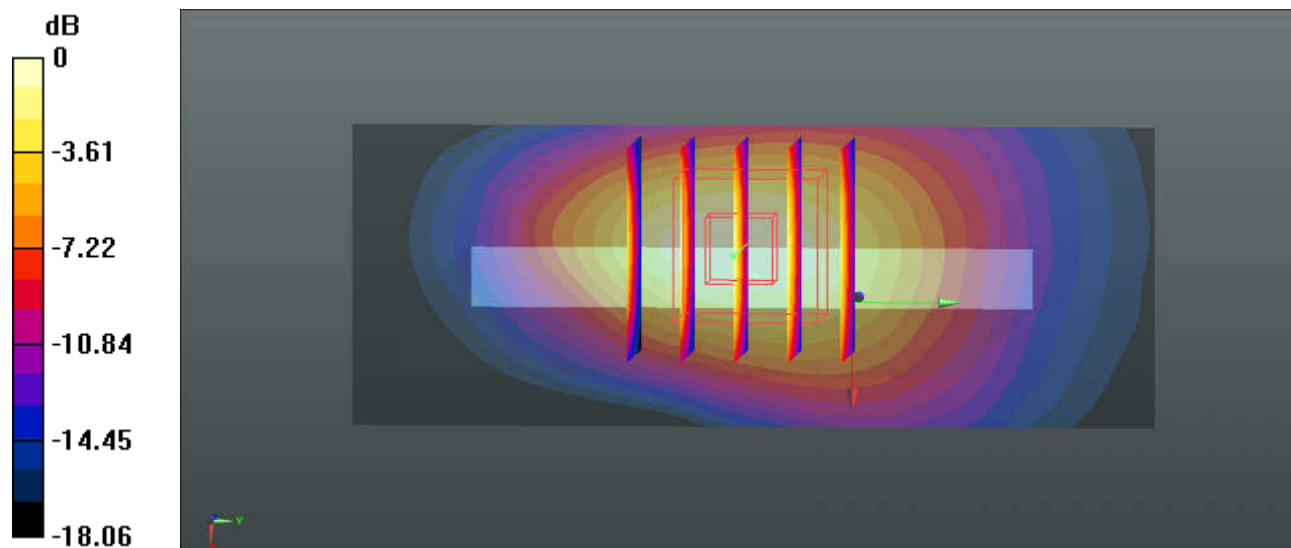
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.09 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.578 W/kg

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

33_WCDMA Band II_RMC 12.2Kbps_Bottom Side_10mm_Ch9262

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.508$ S/m; $\epsilon_r = 54.796$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9262/Area Scan (31x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

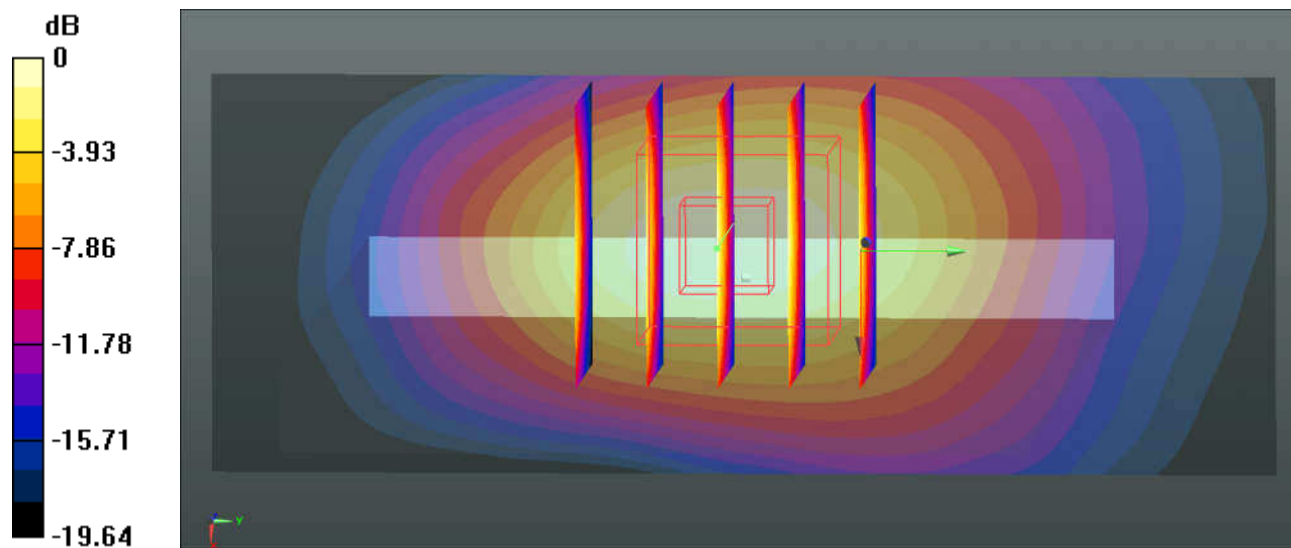
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 28.26 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.472 W/kg

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



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

34_CDMA2000 BC0_RTAP 153.6Kbps_Right Side_10mm_Ch777

Communication System: UID 0, CDMA2000 (0); Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.996$ S/m; $\epsilon_r = 54.428$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.86, 8.86, 8.86); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch777/Area Scan (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.920 W/kg

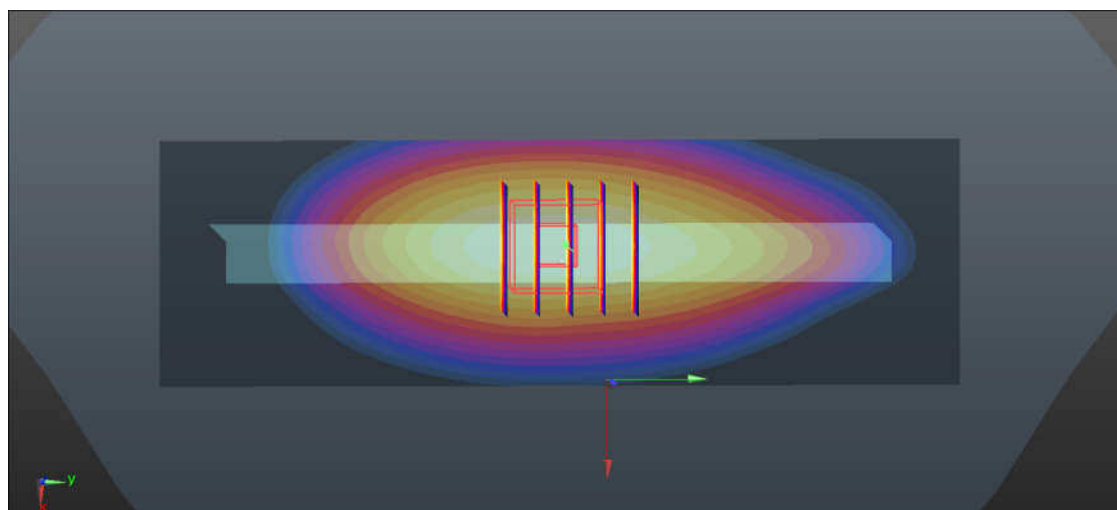
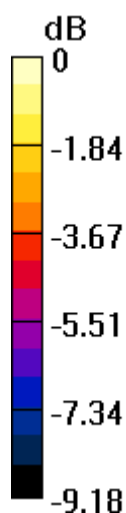
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.36 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.518 W/kg

Maximum value of SAR (measured) = 0.916 W/kg



0 dB = 0.916 W/kg = -0.38 dBW/kg

35_CDMA2000 BC1_RTAP153.6Kbps_Bottom Side_10mm_Ch25

Communication System: UID 0, CDMA2000 (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 54.796$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch25/Area Scan (31x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.50 W/kg

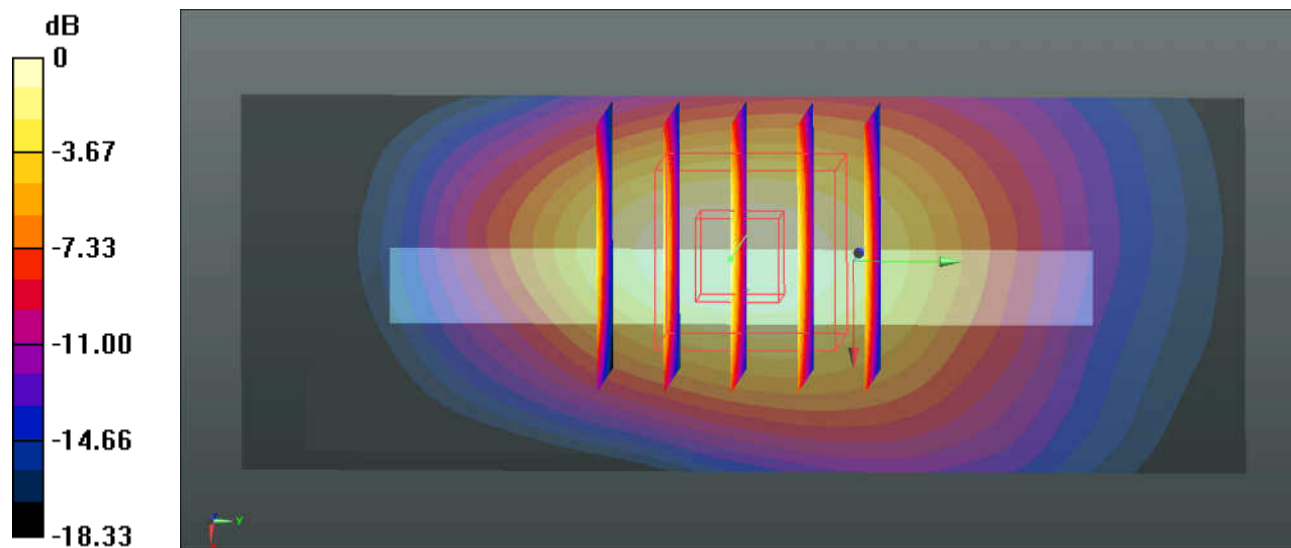
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.42 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.562 W/kg

Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

36_LTE Band 12_10M_QPSK_1RB_25Offset_Right Side_10mm_Ch23095

Communication System: UID 0, FDD_LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 56.878$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.87, 8.87, 8.87); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23095/Area Scan (41x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.467 W/kg

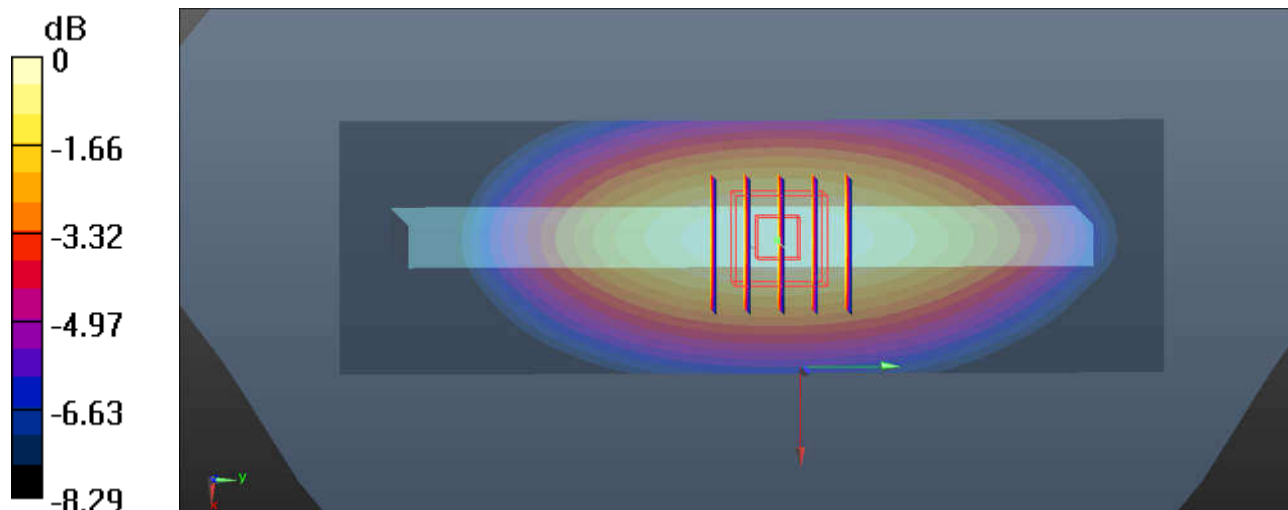
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.71 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.532 W/kg

SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.273 W/kg

Maximum value of SAR (measured) = 0.465 W/kg



0 dB = 0.465 W/kg = -3.33 dBW/kg

37_LTE Band 13_10M_QPSK_1RB_49Offset_Right Side_10mm_Ch23230

Communication System: UID 0, FDD_LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.986 \text{ S/m}$; $\epsilon_r = 56.115$; $\rho = 1000$

kg/m^3

Ambient Temperature : 23.3°C ; Liquid Temperature : 22.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.87, 8.87, 8.87); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23230/Area Scan (41x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.549 W/kg

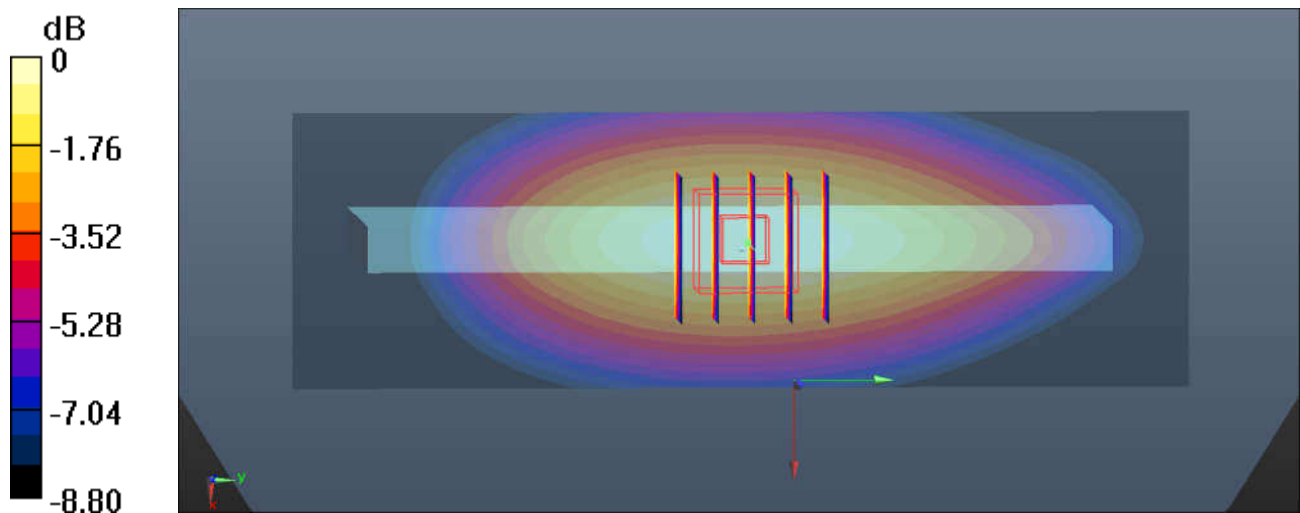
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.88 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.632 W/kg

SAR(1 g) = 0.449 W/kg ; SAR(10 g) = 0.314 W/kg

Maximum value of SAR (measured) = 0.549 W/kg



0 dB = 0.549 W/kg = -2.60 dBW/kg

38_LTE Band 26_15M_QPSK_1RB_37Offset_Front_10mm_Ch26865

Communication System: UID 0, FDD_LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.98$ S/m; $\epsilon_r = 54.578$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.86, 8.86, 8.86); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26865/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.699 W/kg

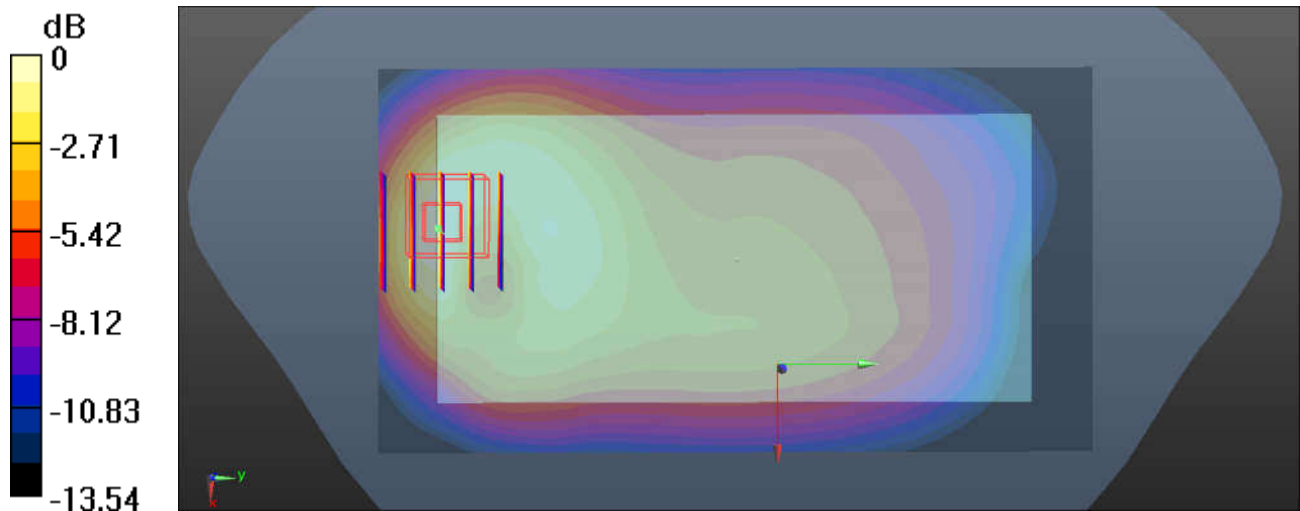
Ch26865/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.14 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.856 W/kg

SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.320 W/kg

Maximum value of SAR (measured) = 0.702 W/kg



0 dB = 0.702 W/kg = -1.54 dBW/kg

39_LTE Band 4_20M_QPSK_100RB_0Offset_Bottom Side_10mm_Ch20175

Communication System: UID 0, FDD_LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ S/m; $\epsilon_r = 54.608$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.81, 7.81, 7.81); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (41x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.37 W/kg

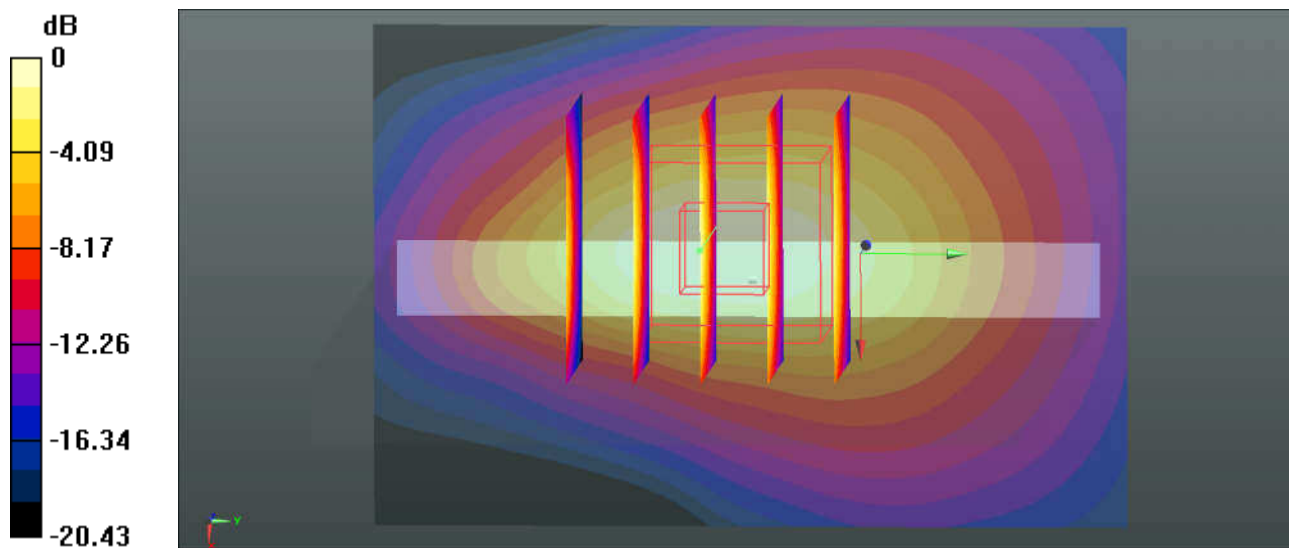
Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.84 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.940 W/kg; SAR(10 g) = 0.497 W/kg

Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg = 1.11 dBW/kg

40_LTE Band 25_20M_QPSK_1RB_0Offset_Bottom Side_10mm_Ch26140

Communication System: UID 0, FDD_LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: MSL_1900 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.517$ S/m; $\epsilon_r = 54.765$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26140/Area Scan (31x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.40 W/kg

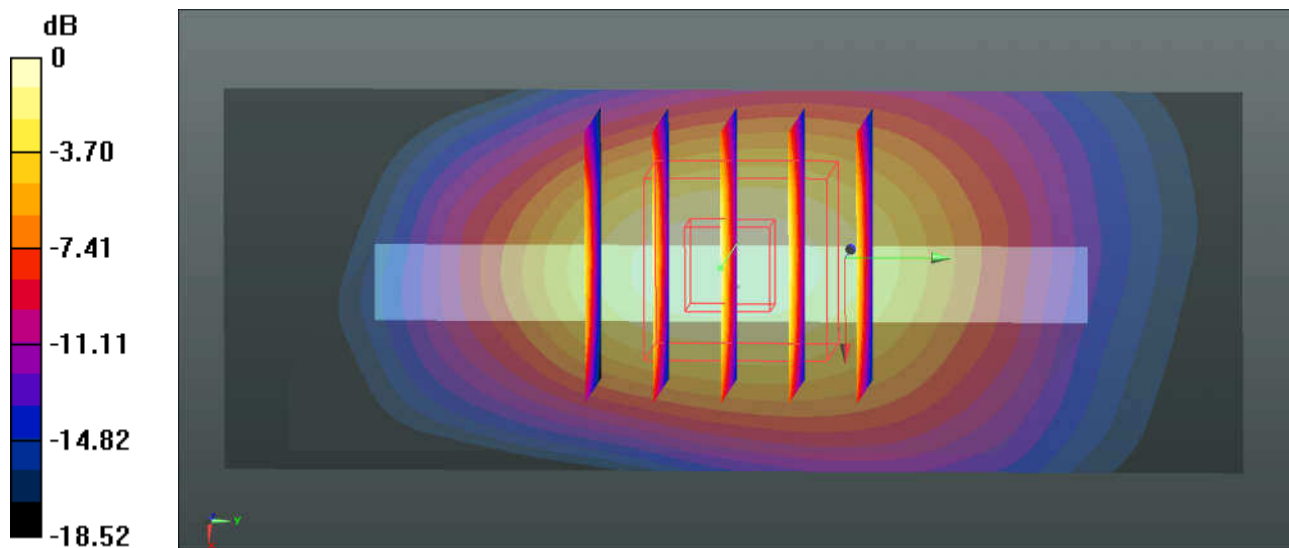
Ch26140/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.58 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.541 W/kg

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

41_LTE Band 30_10M_QPSK_1RB_0Offset_Back_10mm_Ch27710

Communication System: UID 0, FDD_LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1
Medium: MSL_2300 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.848$ S/m; $\epsilon_r = 52.627$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

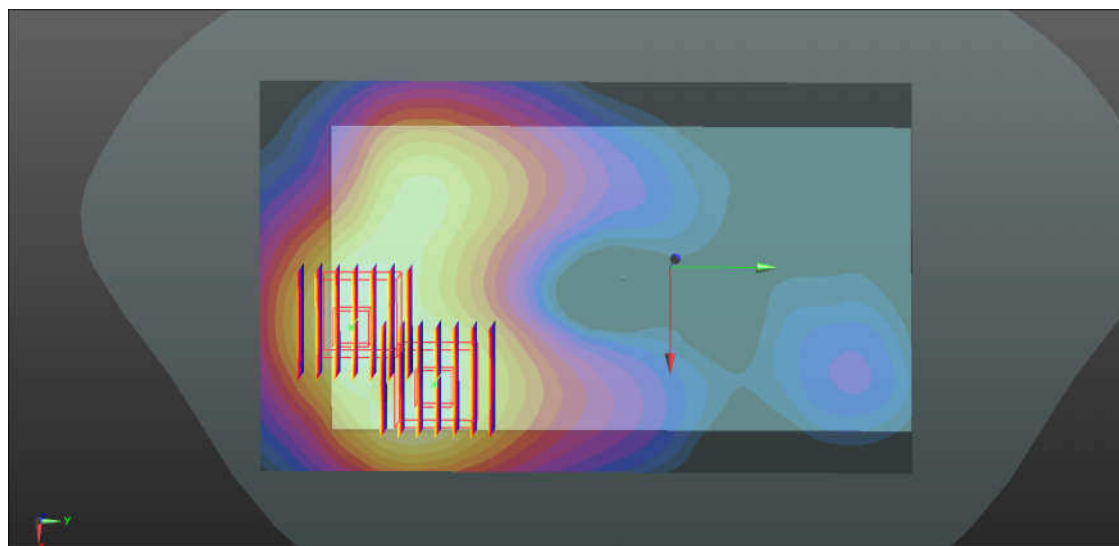
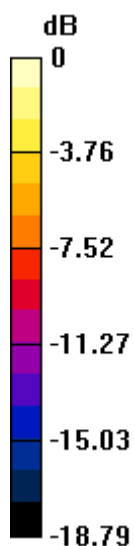
DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.31, 7.31, 7.31); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch27710/Area Scan (91x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.39 W/kg

Ch27710/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 2.041 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 0.967 W/kg; SAR(10 g) = 0.511 W/kg
Maximum value of SAR (measured) = 1.37 W/kg

Ch27710/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 2.041 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.427 W/kg
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

42_LTE Band 7_20M_QPSK_50RB_0Offset_Front_10mm_Ch20850

Communication System: UID 0, FDD_LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1
Medium: MSL_2600 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.084$ S/m; $\epsilon_r = 53.192$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.52, 6.52, 6.52); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20850/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.36 W/kg

Ch20850/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.247 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.464 W/kg

Maximum value of SAR (measured) = 1.35 W/kg

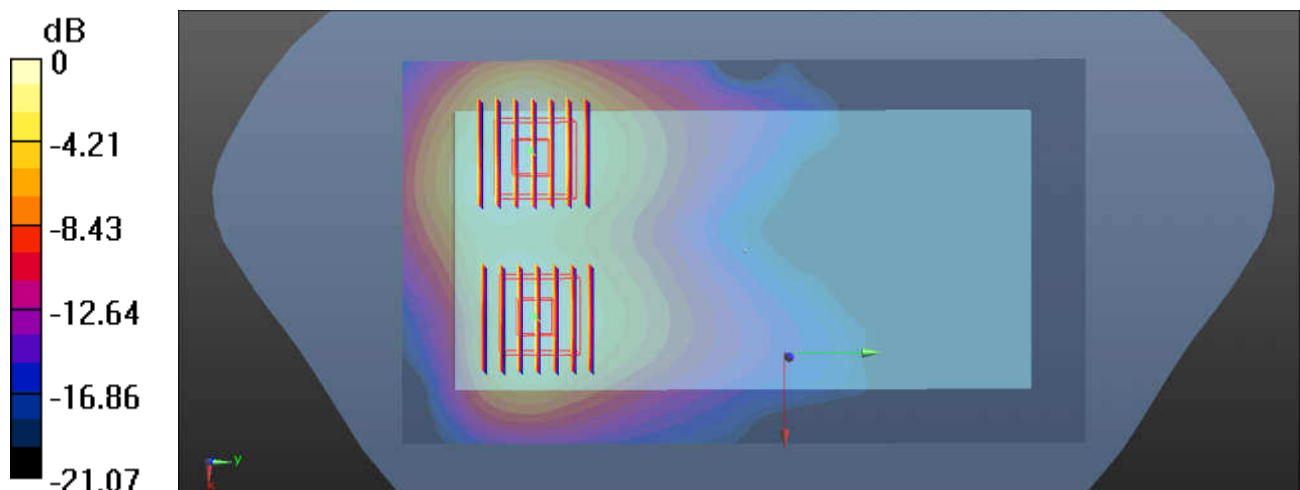
Ch20850/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.247 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.383 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

43_LTE Band 41_20M_QPSK_1RB_0Offset_Front_10mm_Ch39750

Communication System: UID 0, TDD_LTE (0); Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: MSL_2600 Medium parameters used: $f = 2506$ MHz; $\sigma = 2.078$ S/m; $\epsilon_r = 53.214$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.52, 6.52, 6.52); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39750/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

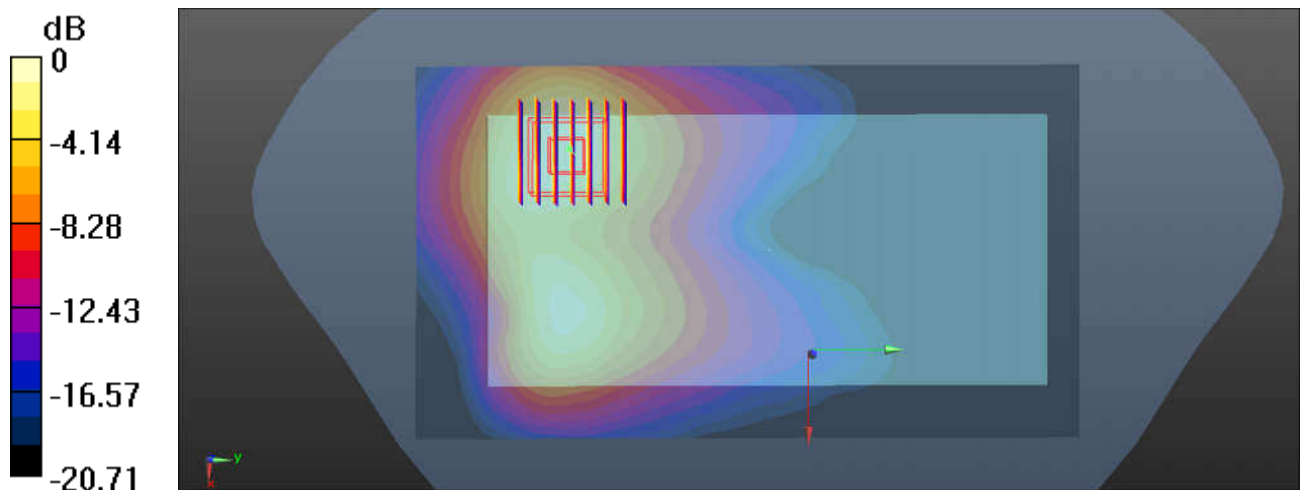
Ch39750/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.219 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.412 W/kg

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

44_WLAN2.4GHz_802.11b 1Mbps_Top Side_10mm_Ch1_Ant 1

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz; Duty Cycle: 1:1.014

Medium: MSL_2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 53.556$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.79, 6.79, 6.79); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (41x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.47 W/kg

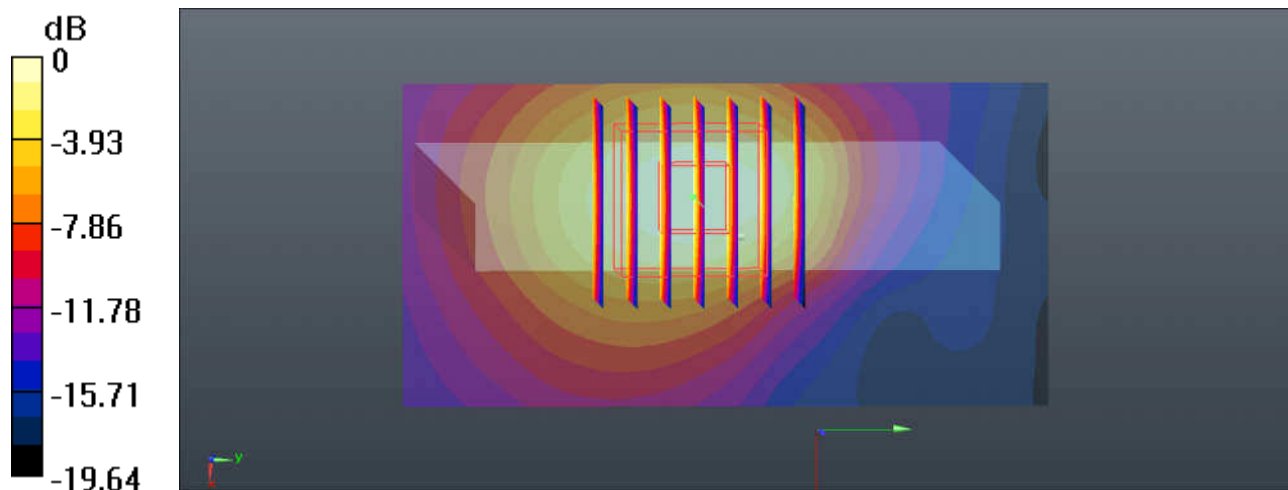
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.98 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.517 W/kg

Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

45_WLAN2.4GHz_802.11b 1Mbps_Top Side_10mm_Ch11_Ant 2

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1.013

Medium: MSL_2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.032$ S/m; $\epsilon_r = 53.48$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.79, 6.79, 6.79); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Area Scan (41x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.24 W/kg

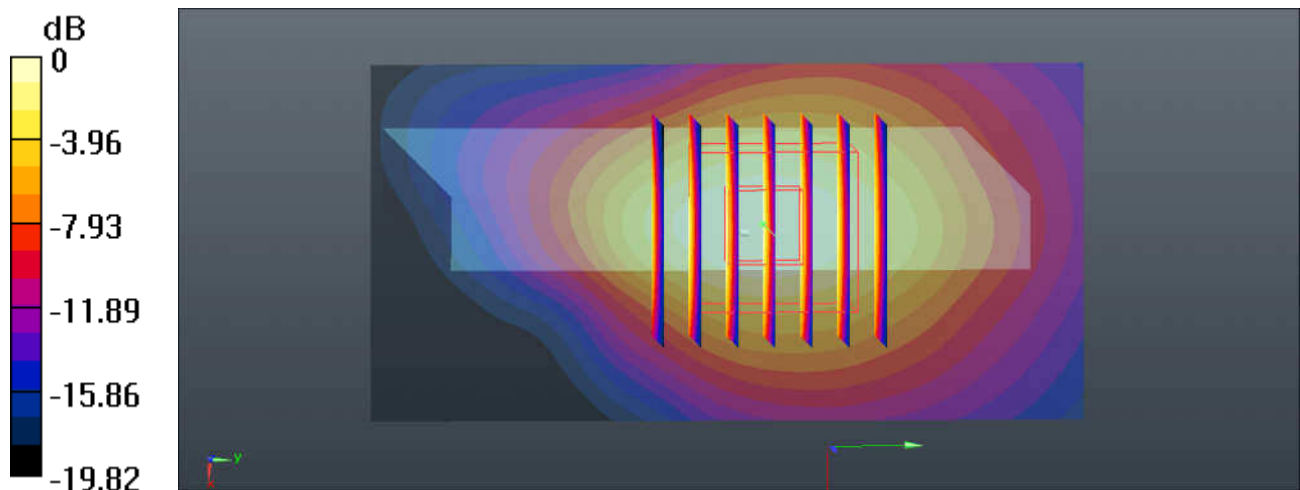
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.25 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.807 W/kg; SAR(10 g) = 0.406 W/kg

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



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

46_WLAN2.4GHz_802.11n-HT20 MCS0_Top Side_10mm_Ch11_Ant 1+2

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1.084

Medium: MSL_2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.035$ S/m; $\epsilon_r = 53.49$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.702 W/kg

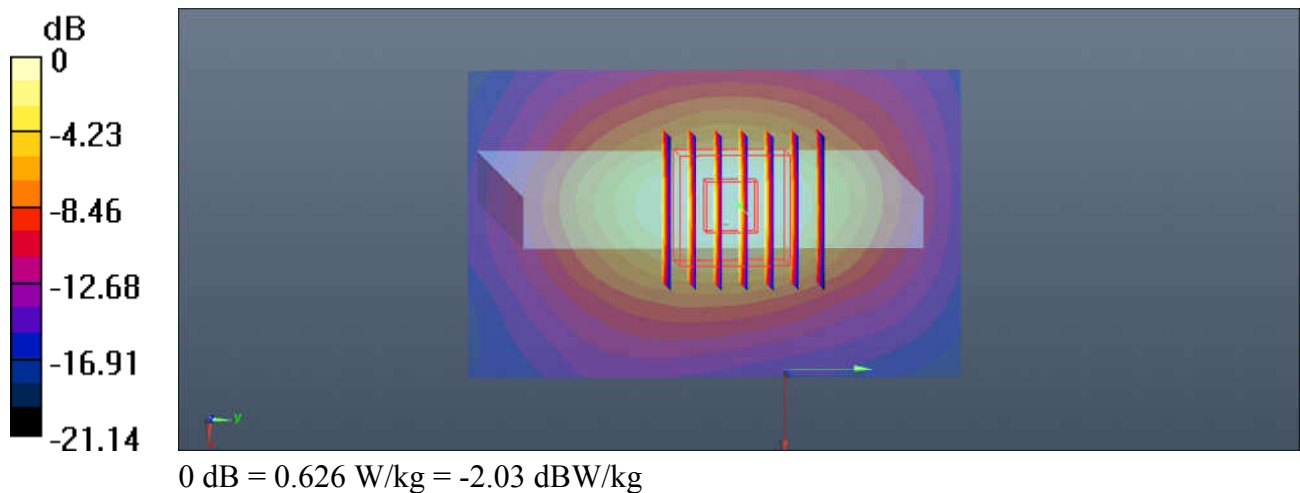
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.72 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.815 W/kg

SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.215 W/kg

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



47_WLAN5.2GHz_802.11a 6Mbps_Back_10mm_Ch44_Ant 1

Communication System: UID 0, WIFI (0); Frequency: 5220 MHz; Duty Cycle: 1:1.071

Medium: MSL_5000 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.468$ S/m; $\epsilon_r = 47.833$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.27, 4.27, 4.27); Calibrated: 2016.5.25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch44/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

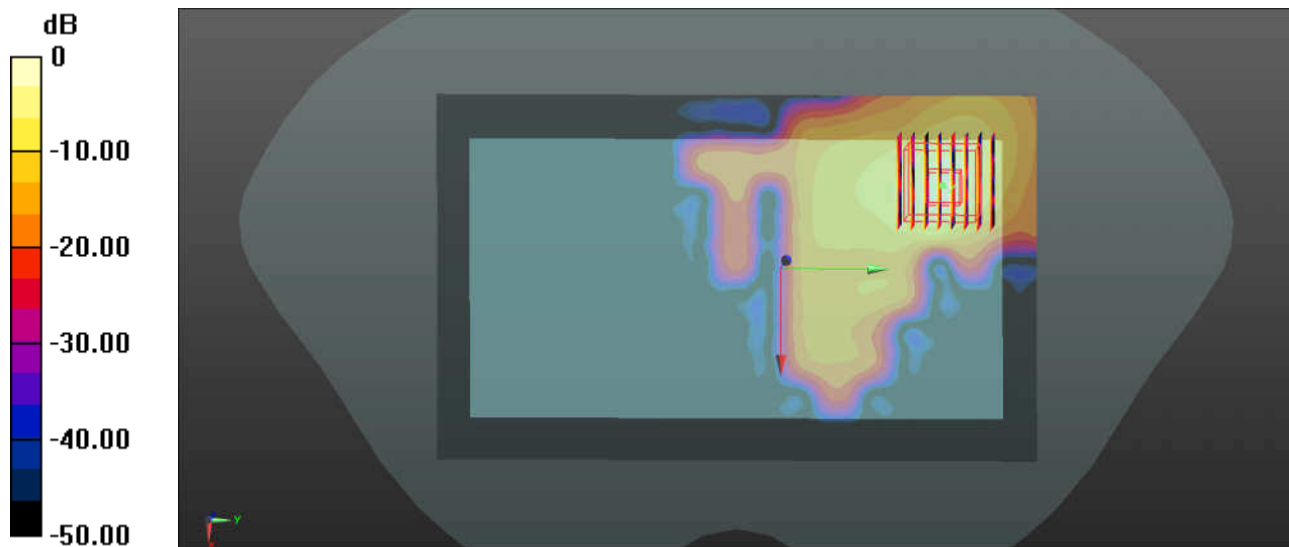
Ch44/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.589 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.59 W/kg

SAR(1 g) = 0.720 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.64 W/kg = 2.15 dBW/kg

48_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch36_Ant 2

Communication System: UID 0, WIFI (0); Frequency: 5180 MHz; Duty Cycle: 1:1.076

Medium: MSL_5000 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.248$ S/m; $\epsilon_r = 48.573$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.27, 4.27, 4.27); Calibrated: 2016.5.25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch36/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.47 W/kg

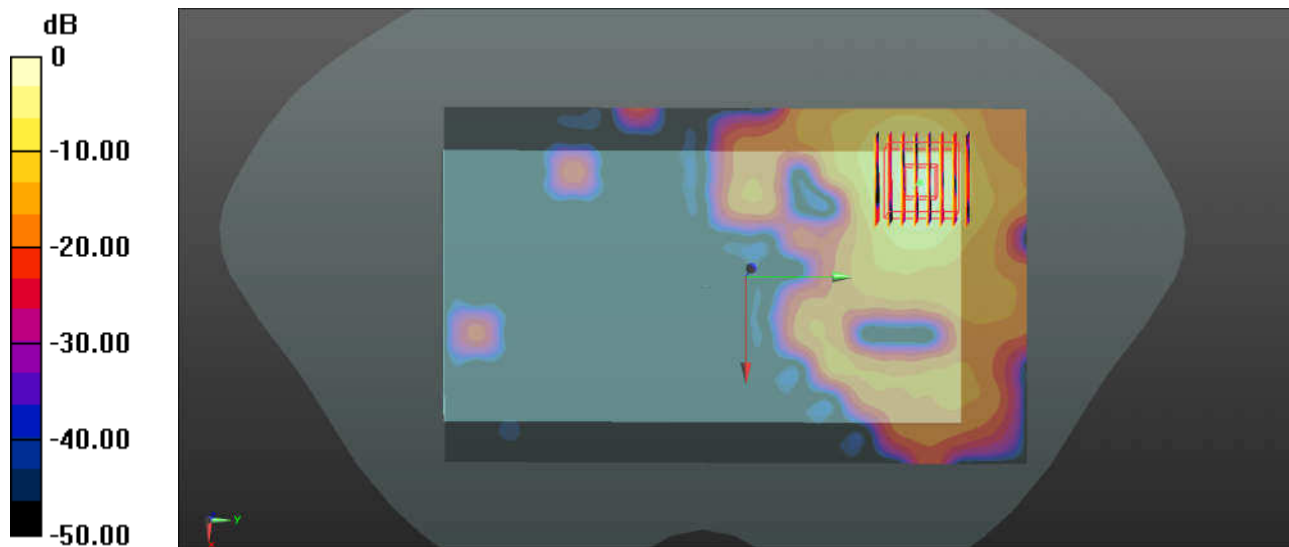
Ch36/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.9400 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.92 W/kg

SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.232 W/kg

Maximum value of SAR (measured) = 1.77 W/kg



0 dB = 1.77 W/kg = 2.48 dBW/kg

49_WLAN5.2GHz_802.11n-HT20 MCS0_Back_10mm_Ch36_Ant 1+2

Communication System: UID 0, WIFI (0); Frequency: 5180 MHz; Duty Cycle: 1:1.067

Medium: MSL_5000 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.432$ S/m; $\epsilon_r = 47.962$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.19, 4.19, 4.19); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch36/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.15 W/kg

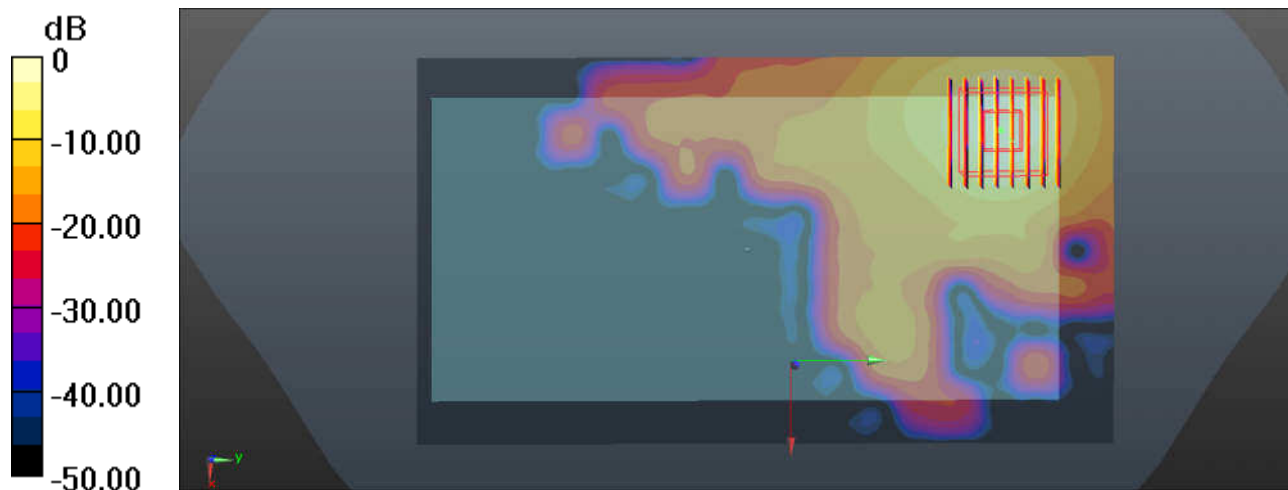
Ch36/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.516 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.27 W/kg

SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.291 W/kg

Maximum value of SAR (measured) = 2.03 W/kg



0 dB = 2.03 W/kg = 3.07 dBW/kg

50_WLAN5.8GHz_802.11a 6Mbps_Back_10mm_Ch157_Ant 1

Communication System: UID 0, WIFI (0); Frequency: 5785 MHz; Duty Cycle: 1:1.071

Medium: MSL_5000 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.096$ S/m; $\epsilon_r =$

47.214; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(3.97, 3.97, 3.97); Calibrated: 2016.5.25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch157/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.747 W/kg

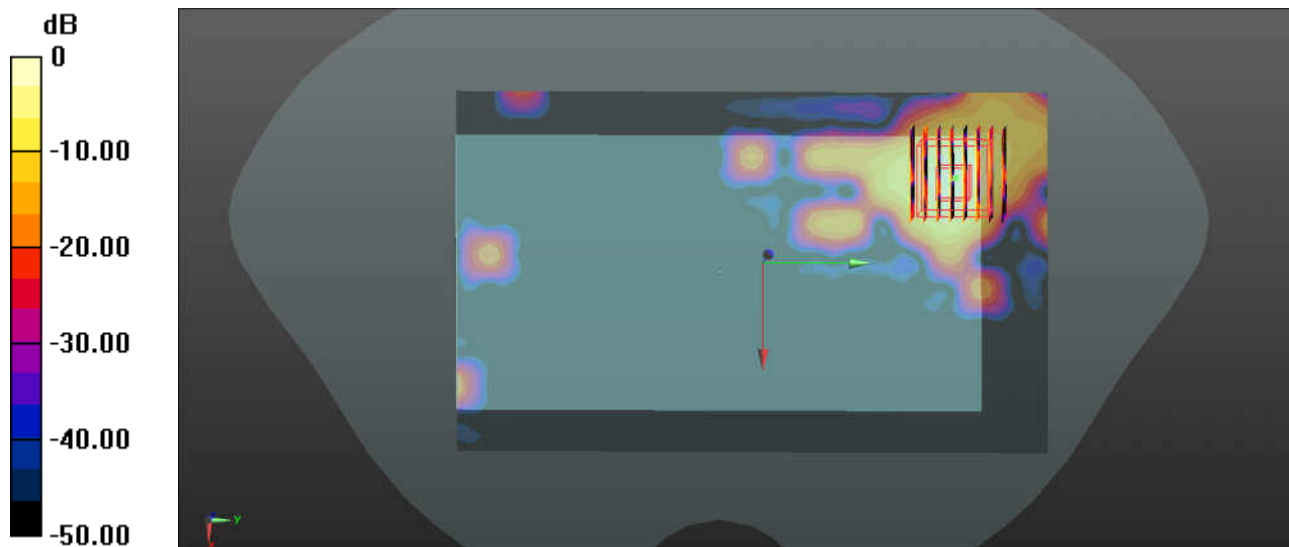
Ch157/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.189 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.801 W/kg



0 dB = 0.801 W/kg = -0.96 dBW/kg

51_WLAN5.8GHz_802.11a 6Mbps_Back_10mm_Ch165_Ant 2

Communication System: UID 0, WIFI (0); Frequency: 5825 MHz; Duty Cycle: 1:1.076

Medium: MSL_5000 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.153$ S/m; $\epsilon_r = 47.051$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(3.97, 3.97, 3.97); Calibrated: 2016.5.25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch165/Area Scan (111x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

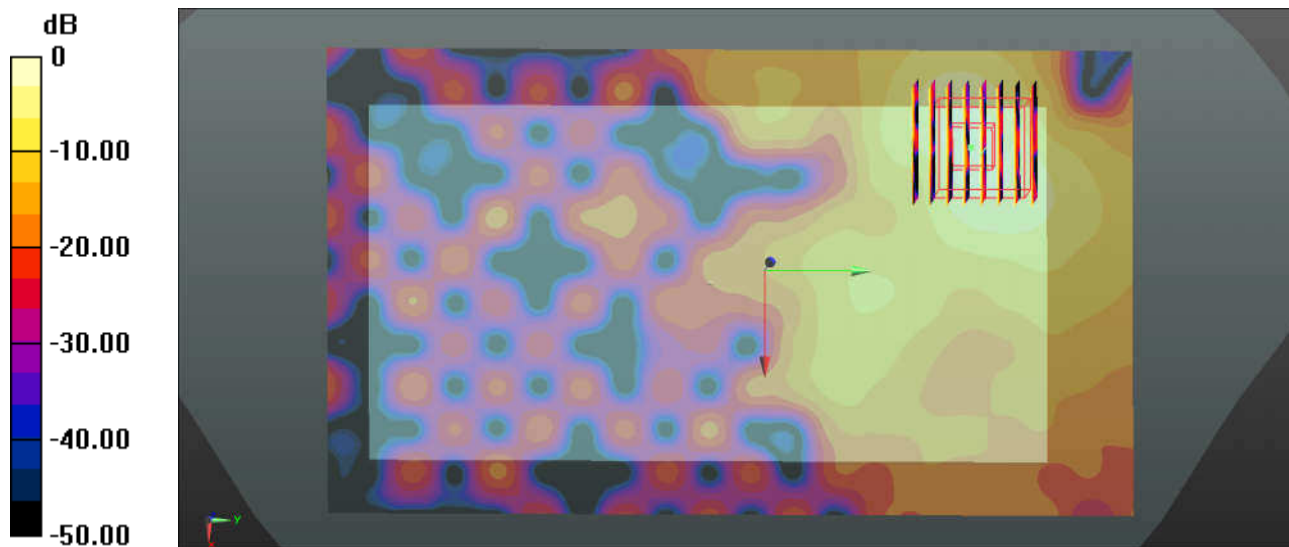
Ch165/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.172 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.77 W/kg

SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg

52_WLAN5.8GHz_802.11n-HT20 MCS0_Back_10mm_Ch165_Ant 1+2

Communication System: UID 0, WIFI (0); Frequency: 5825 MHz; Duty Cycle: 1:1.067

Medium: MSL_5000 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.3$ S/m; $\epsilon_r = 46.892$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.7, 3.7, 3.7); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch165/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.71 W/kg

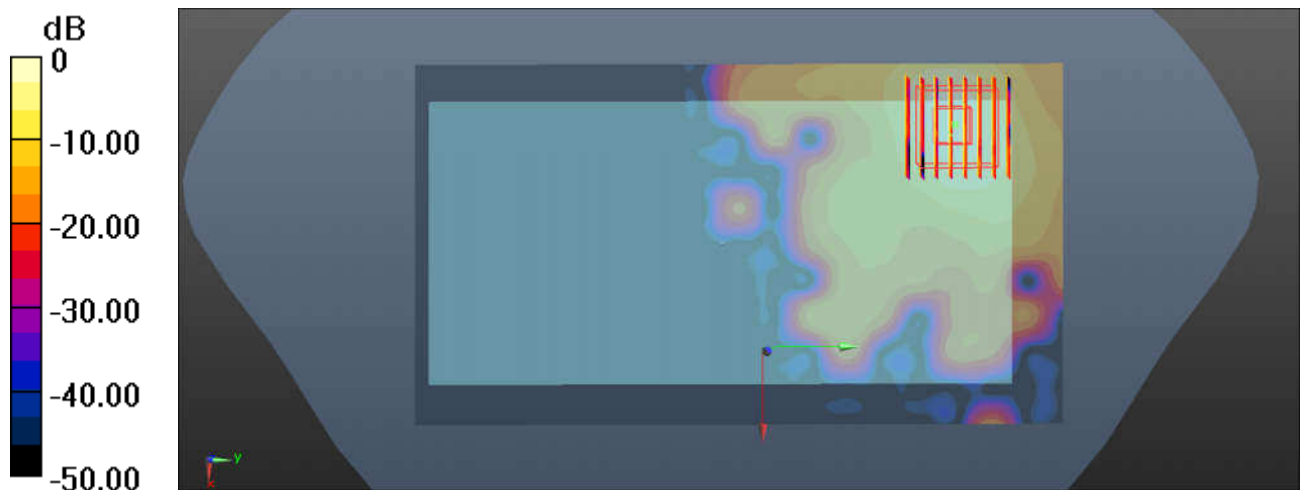
Ch165/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.568 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.83 W/kg

SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.204 W/kg

Maximum value of SAR (measured) = 1.71 W/kg



53_GSM1900_GPRS 3 Tx slots_Back_10mm_Ch512

Communication System: UID 0, GPRS/EDGE (3 Tx slots) (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.77

Medium: MSL_1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.505$ S/m; $\epsilon_r = 54.798$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch512/Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.939 W/kg

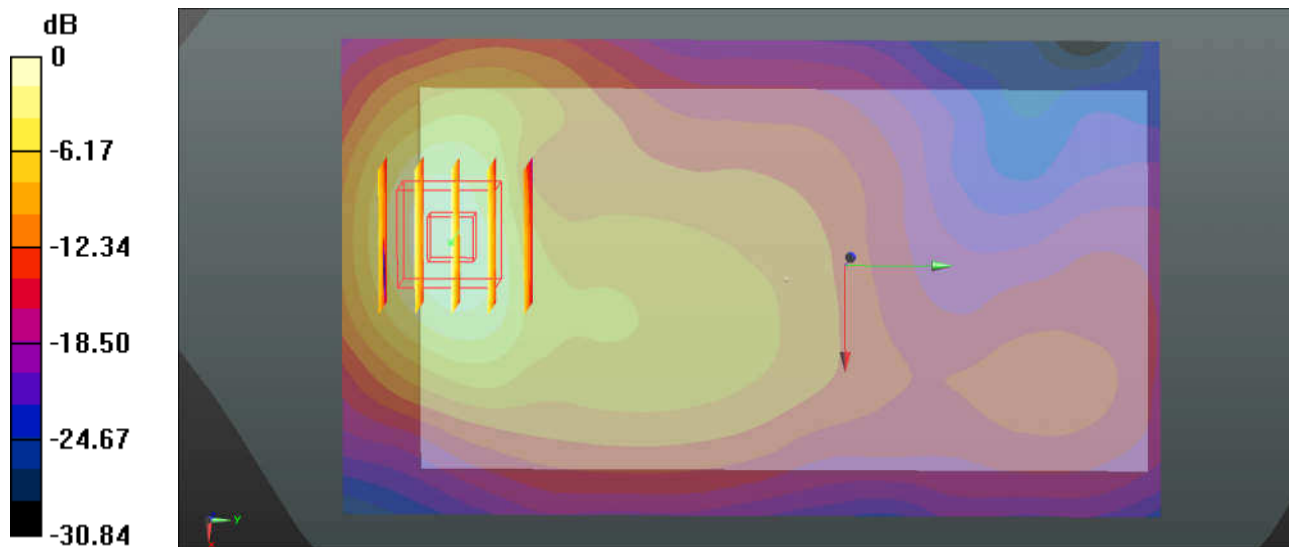
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.394 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.394 W/kg

Maximum value of SAR (measured) = 0.974 W/kg



0 dB = 0.974 W/kg = -0.11 dBW/kg

54_WCDMA Band IV_RMC 12.2Kbps_Front_10mm_Ch1513

Communication System: UID 0, UMTS (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750 Medium parameters used: $f = 1752.6$ MHz; $\sigma = 1.512$ S/m; $\epsilon_r = 54.526$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.81, 7.81, 7.81); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1513/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.813 W/kg

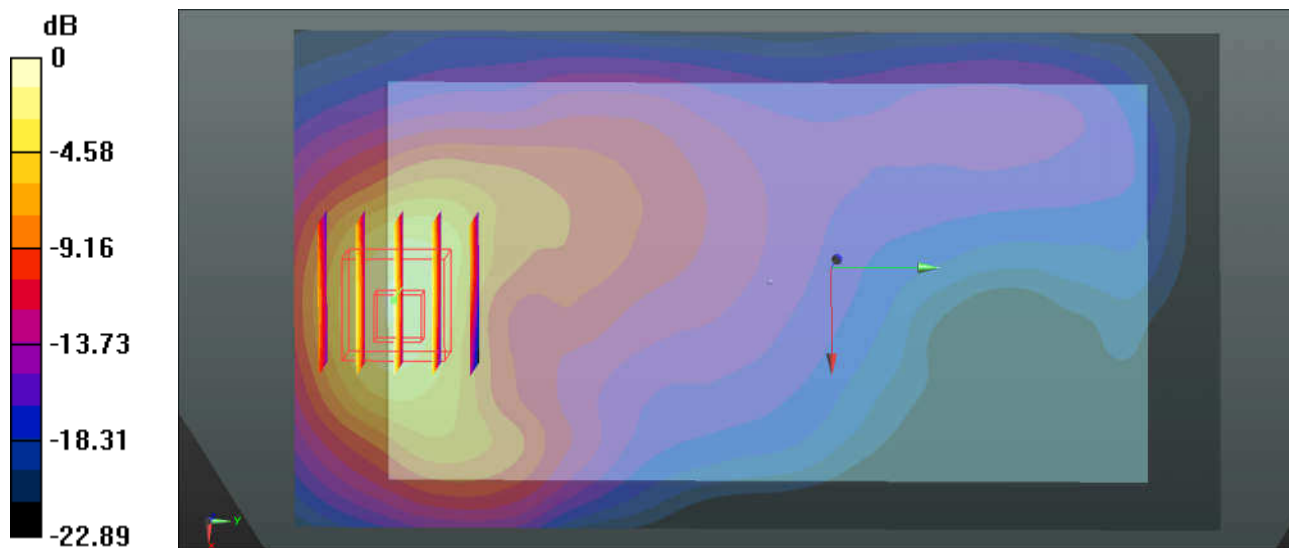
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.399 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.429 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

55_WCDMA Band II_RMC 12.2Kbps_Back_10mm_Ch9262

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.508$ S/m; $\epsilon_r = 54.796$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9262/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.692 W/kg

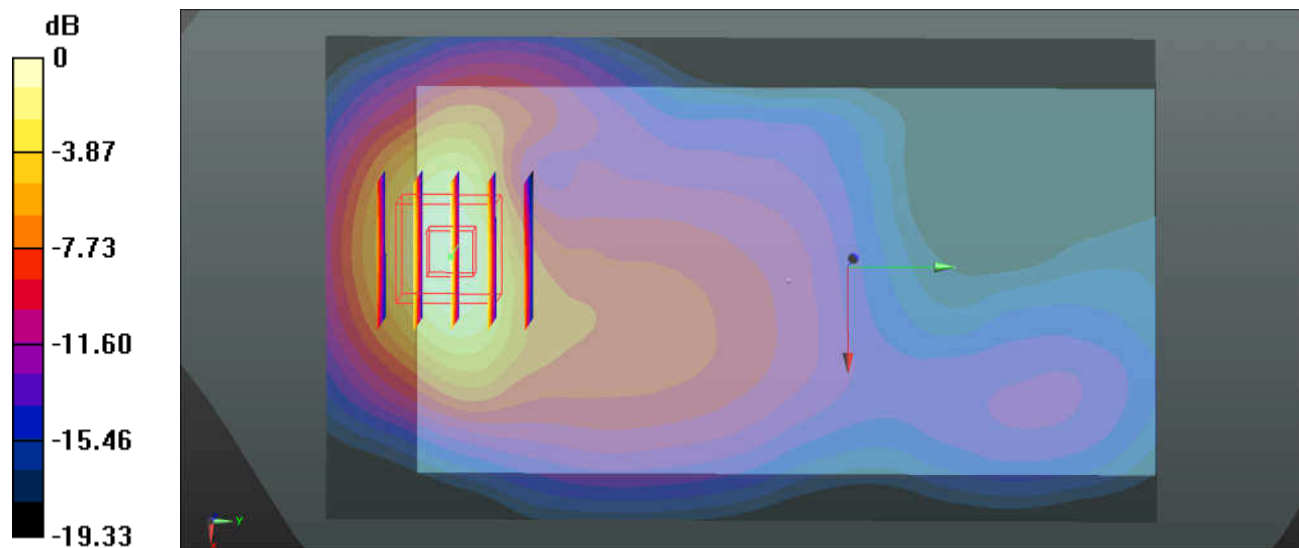
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.182 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.851 W/kg

SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.268 W/kg

Maximum value of SAR (measured) = 0.685 W/kg



0 dB = 0.685 W/kg = -1.64 dBW/kg

56_CDMA2000 BC0_RC3 SO32_Front_10mm_Ch777

Communication System: UID 0, CDMA2000 (0); Frequency: 848.31 MHz; Duty Cycle: 1:1
Medium: MSL_850 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.996$ S/m; $\epsilon_r = 54.428$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.86, 8.86, 8.86); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch777/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.961 W/kg

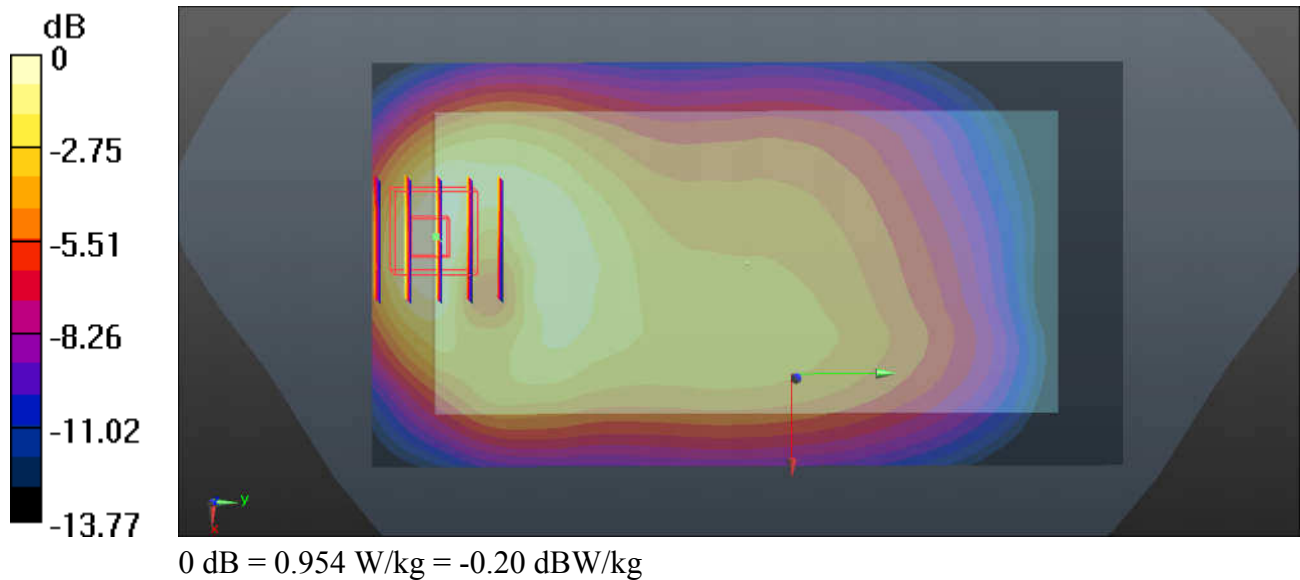
Ch777/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.87 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.419 W/kg

Maximum value of SAR (measured) = 0.954 W/kg



57_CDMA2000 BC1_RC3 SO32_Back_10mm_Ch25

Communication System: UID 0, CDMA2000 (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 54.796$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch25/Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.871 W/kg

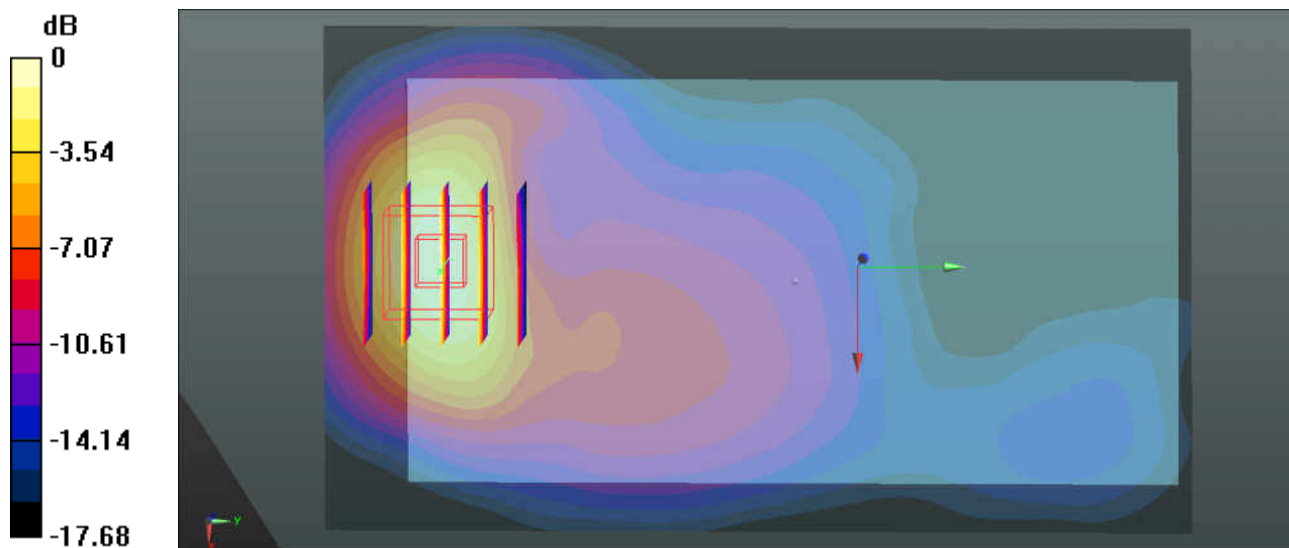
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.744 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.653 W/kg; SAR(10 g) = 0.361 W/kg

Maximum value of SAR (measured) = 0.881 W/kg



0 dB = 0.881 W/kg = -0.55 dBW/kg

58_LTE Band 12_10M_QPSK_1RB_25Offset_Front_10mm_Ch23095

Communication System: UID 0, FDD_LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 56.878$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.87, 8.87, 8.87); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23095/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.367 W/kg

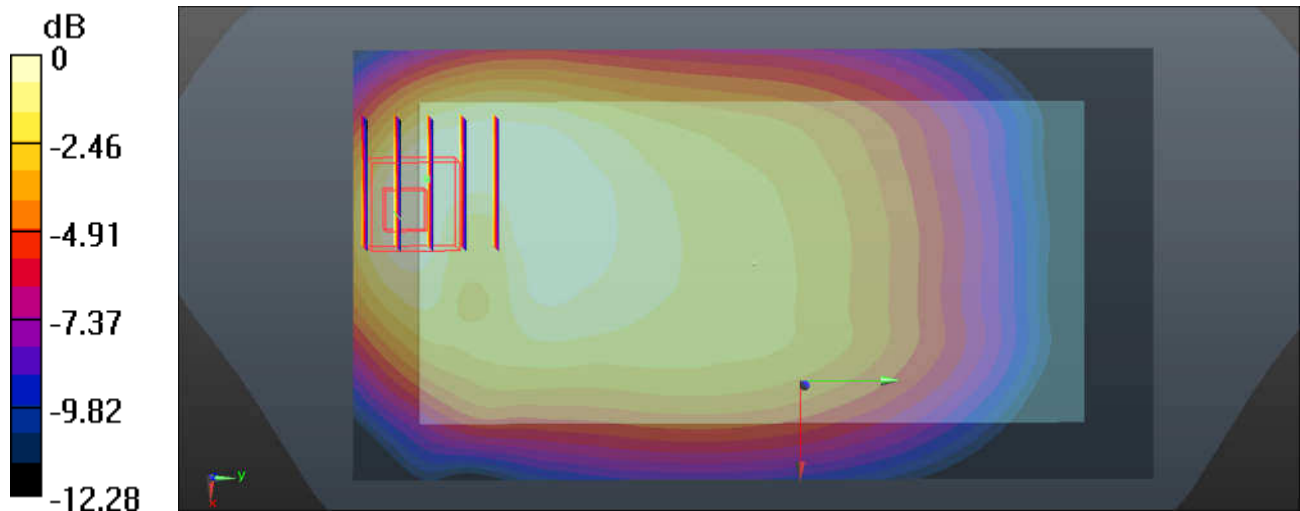
Ch23095/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.39 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.163 W/kg

Maximum value of SAR (measured) = 0.340 W/kg



0 dB = 0.340 W/kg = -4.69 dBW/kg

59_LTE Band 13_10M_QPSK_1RB_49Offset_Front_10mm_Ch23230

Communication System: UID 0, FDD_LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1
Medium: MSL_750 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.986 \text{ S/m}$; $\epsilon_r = 56.115$; $\rho = 1000$

kg/m^3

Ambient Temperature : 23.3°C ; Liquid Temperature : 22.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.87, 8.87, 8.87); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch23230/Area Scan (71x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.568 W/kg

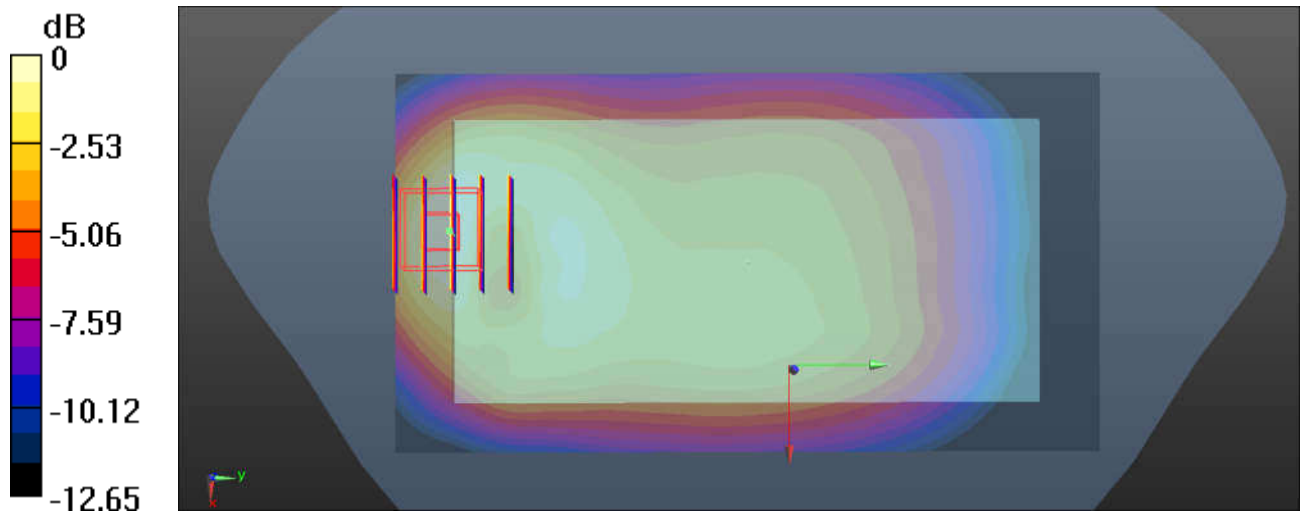
Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.43 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.700 W/kg

SAR(1 g) = 0.426 W/kg ; SAR(10 g) = 0.255 W/kg

Maximum value of SAR (measured) = 0.565 W/kg



0 dB = 0.565 W/kg = -2.48 dBW/kg

60_LTE Band 4_20M_QPSK_100RB_0Offset_Front_10mm_Ch20175

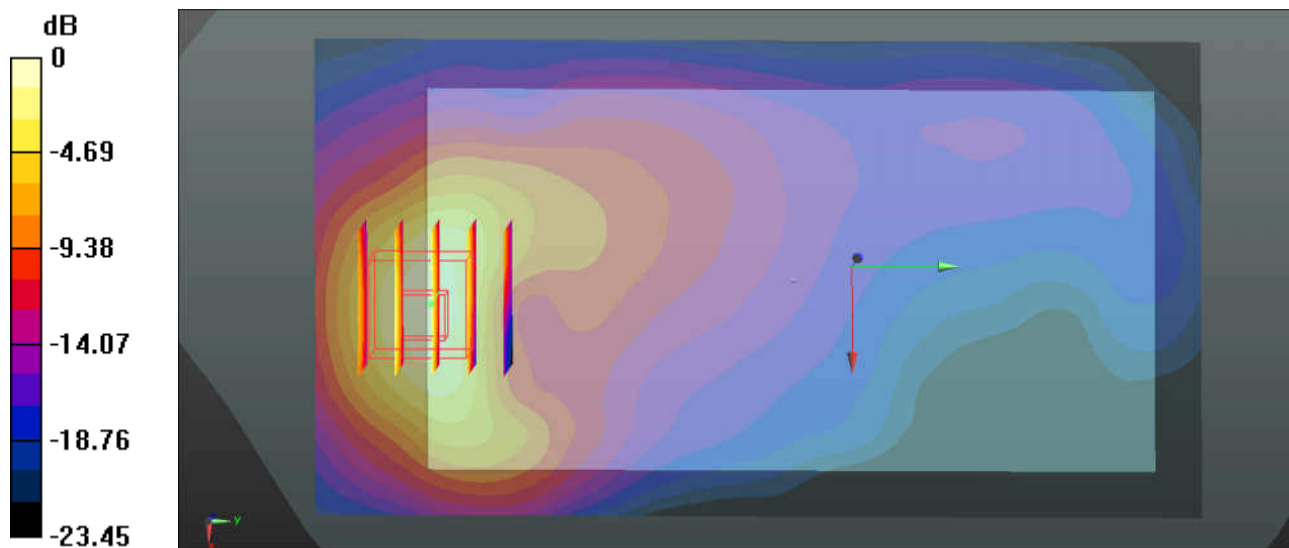
Communication System: UID 0, FDD_LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: MSL_1750 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ S/m; $\epsilon_r = 54.608$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.81, 7.81, 7.81); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (71x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 5.215 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.470 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

61_LTE Band 25_20M_QPSK_1RB_0Offset_Back_10mm_Ch26140

Communication System: UID 0, FDD_LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: MSL_1900 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.517$ S/m; $\epsilon_r = 54.765$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26140/Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.805 W/kg

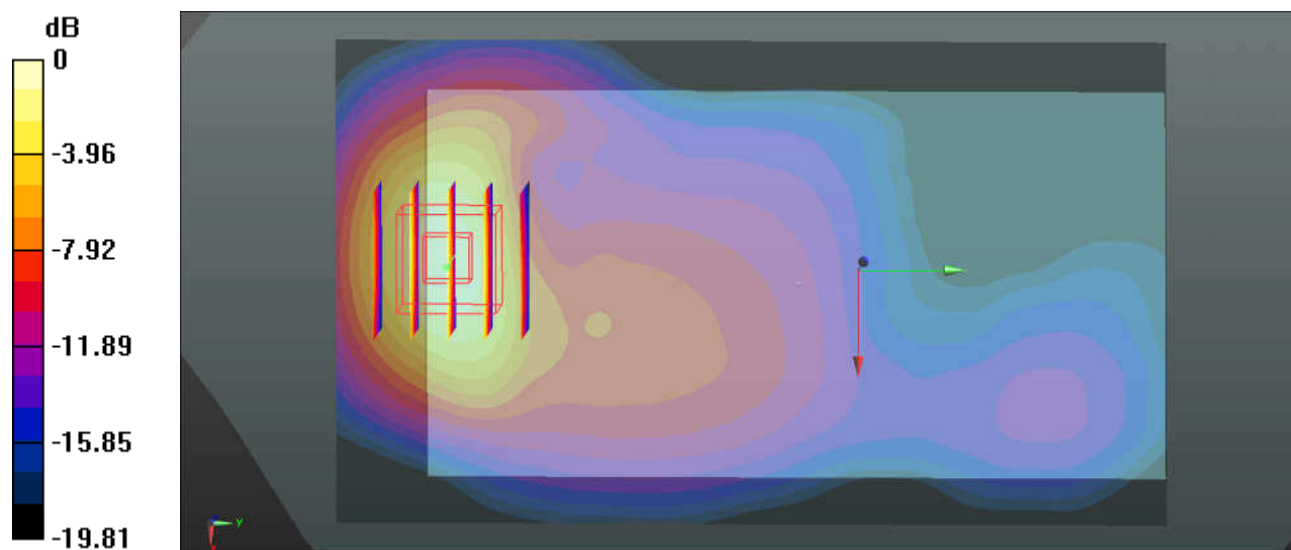
Ch26140/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.426 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.595 W/kg; SAR(10 g) = 0.322 W/kg

Maximum value of SAR (measured) = 0.818 W/kg



0 dB = 0.818 W/kg = -0.87 dBW/kg

62_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch11_Ant 1

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1.014

Medium: MSL_2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.032$ S/m; $\epsilon_r = 53.48$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.79, 6.79, 6.79); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.814 W/kg

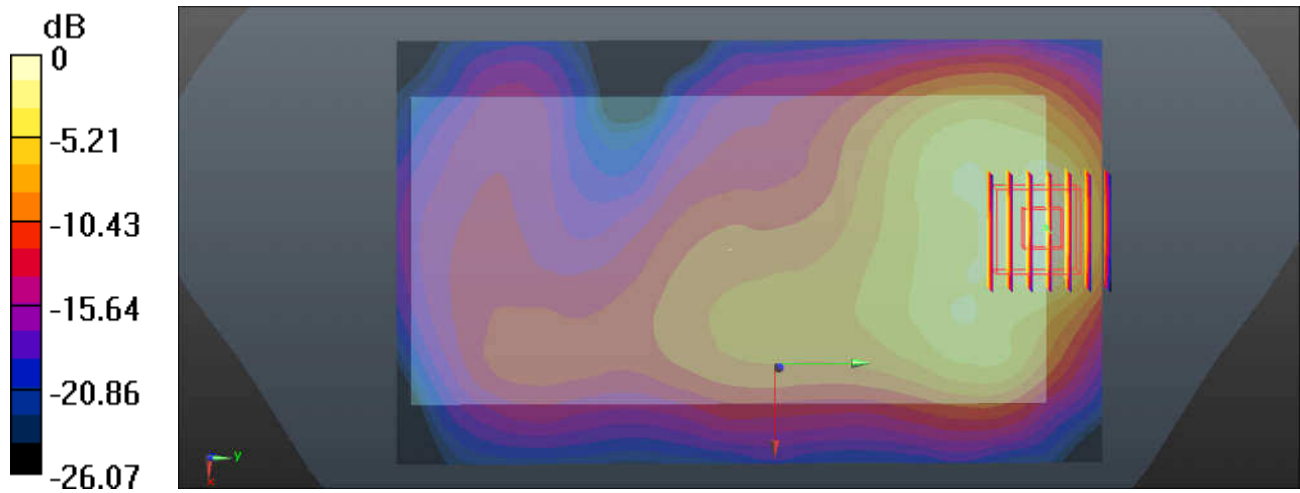
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.011 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.277 W/kg

Maximum value of SAR (measured) = 0.848 W/kg



63_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch11_Ant 2

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1.013

Medium: MSL_2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.032$ S/m; $\epsilon_r = 53.48$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.79, 6.79, 6.79); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.799 W/kg

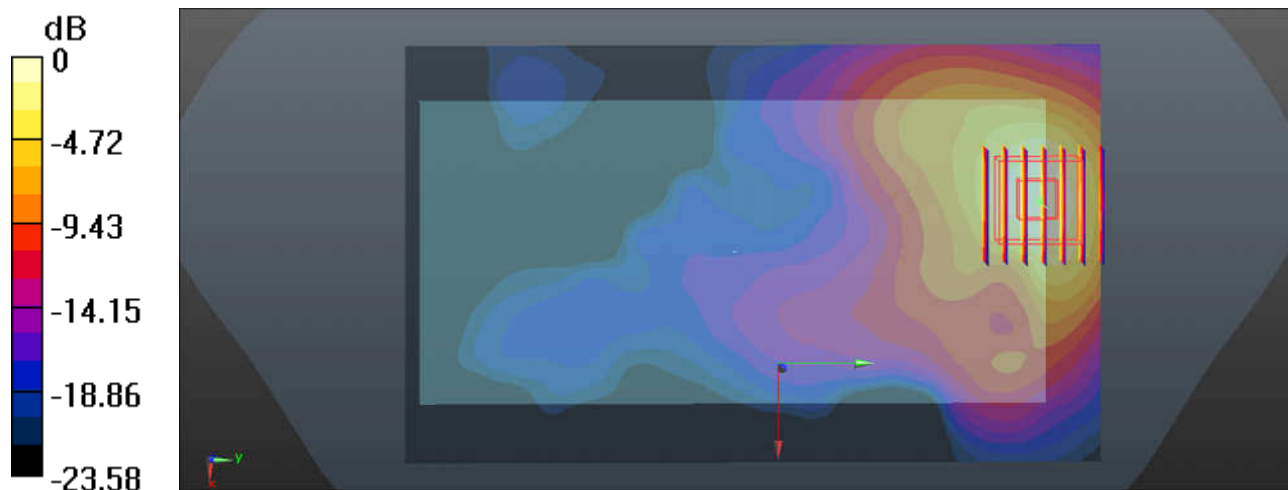
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.880 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 0.776 W/kg



0 dB = 0.776 W/kg = -1.10 dBW/kg

64_WLAN2.4GHz_802.11n-HT20 MCS0_Front_10mm_Ch6_Ant 1+2

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz; Duty Cycle: 1:1.084

Medium: MSL_2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.994$ S/m; $\epsilon_r = 53.542$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.530 W/kg

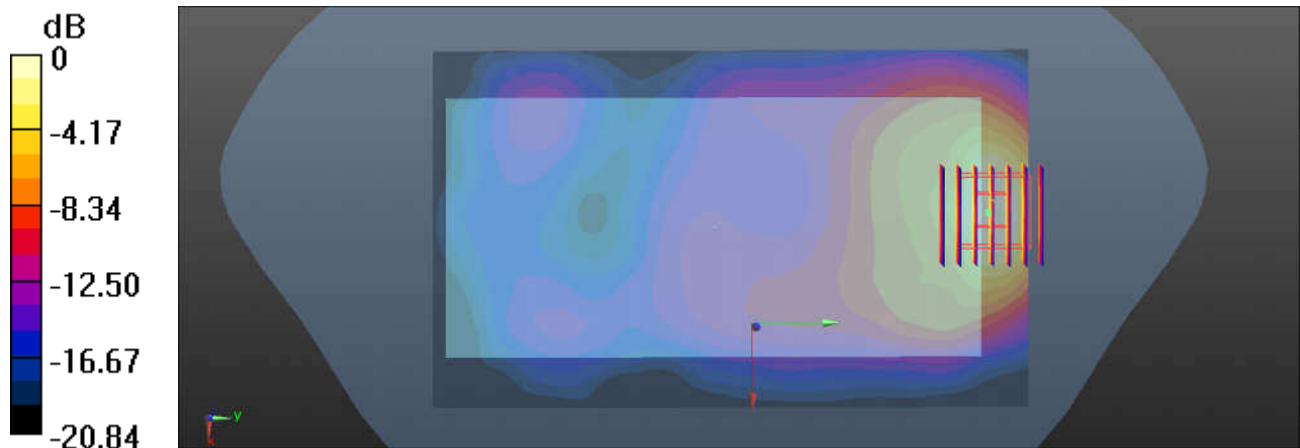
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.976 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.647 W/kg

SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (measured) = 0.500 W/kg



0 dB = 0.500 W/kg = -3.01 dBW/kg

65_WLAN5.3GHz_802.11a 6Mbps_Back_10mm_Ch52_Ant 1

Communication System: UID 0, WIFI (0); Frequency: 5260 MHz; Duty Cycle: 1:1.071

Medium: MSL_5000 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.517$ S/m; $\epsilon_r = 47.788$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.27, 4.27, 4.27); Calibrated: 2016.5.25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.44 W/kg

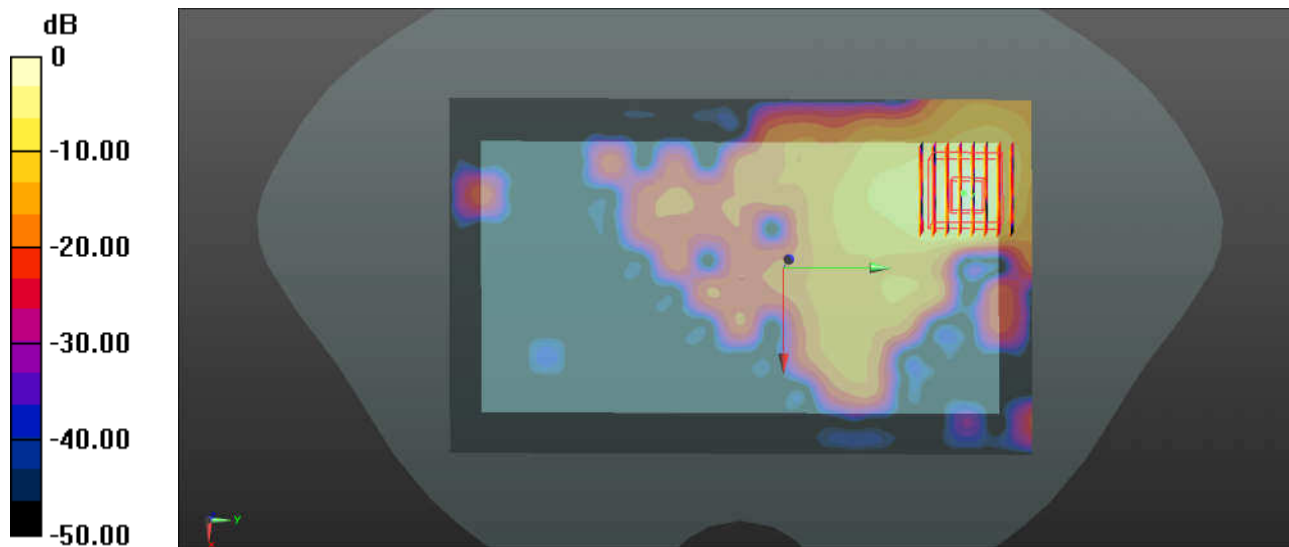
Ch52/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.320 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.57 W/kg

SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

66_WLAN5.3GHz_802.11a 6Mbps_Back_10mm_Ch56_Ant 2

Communication System: UID 0, WIFI (0); Frequency: 5280 MHz; Duty Cycle: 1:1.076

Medium: MSL_5000 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.392$ S/m; $\epsilon_r =$

48.375; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.27, 4.27, 4.27); Calibrated: 2016.5.25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch56/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.18 W/kg

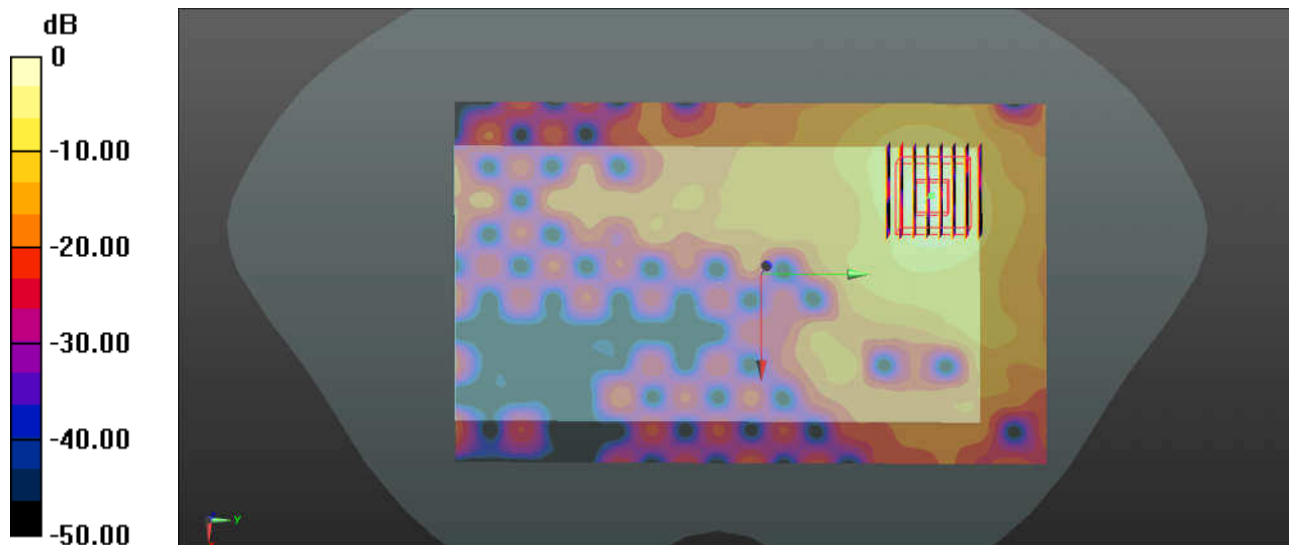
Ch56/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.222 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.43 W/kg

SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

67_WLAN5.3GHz_802.11n-HT20 MCS0_Back_10mm_Ch52_Ant 1+2

Communication System: UID 0, WIFI (0); Frequency: 5260 MHz; Duty Cycle: 1:1.067

Medium: MSL_5000 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.538$ S/m; $\epsilon_r = 47.83$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.95, 3.95, 3.95); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch52/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.02 W/kg

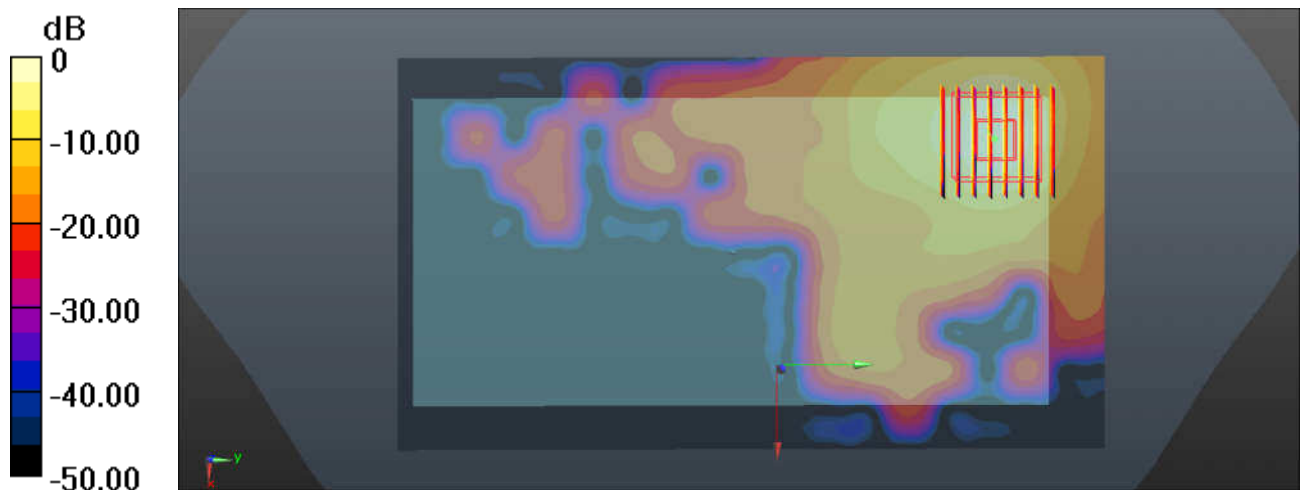
Ch52/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.535 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.13 W/kg

SAR(1 g) = 0.880 W/kg; SAR(10 g) = 0.279 W/kg

Maximum value of SAR (measured) = 1.94 W/kg



0 dB = 1.94 W/kg = 2.88 dBW/kg

68_WLAN5.5GHz_802.11a 6Mbps_Back_10mm_Ch140_Ant 1

Communication System: UID 0, WIFI (0); Frequency: 5700 MHz; Duty Cycle: 1:1.071

Medium: MSL_5000 Medium parameters used: $f = 5700$ MHz; $\sigma = 6.132$ S/m; $\epsilon_r = 47.097$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(3.76, 3.76, 3.76); Calibrated: 2016.5.25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch140/Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

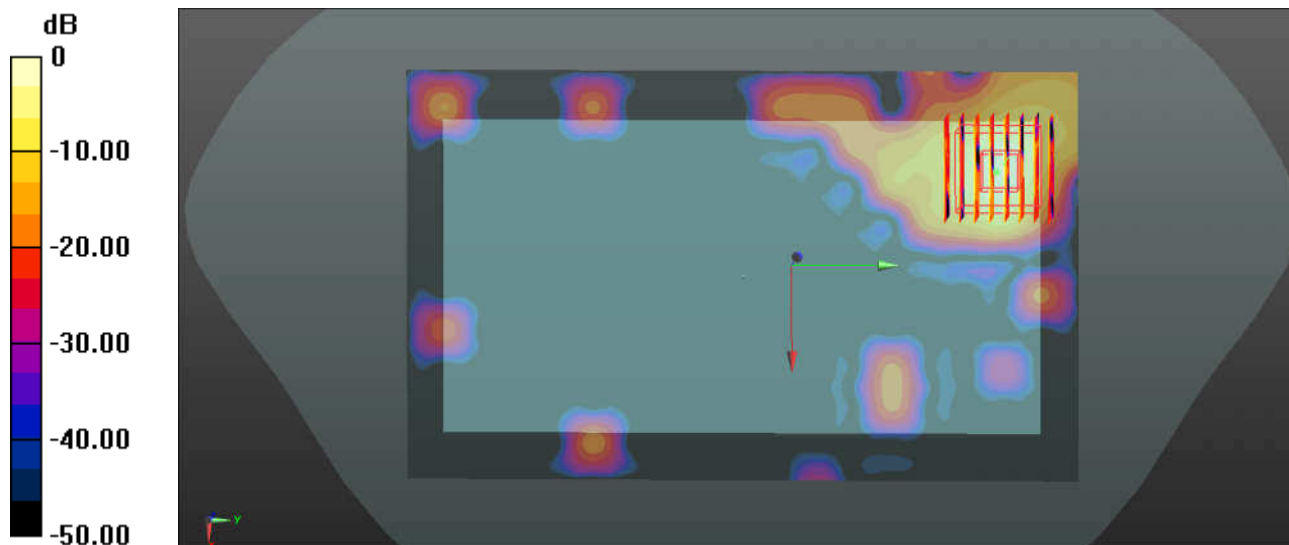
Ch140/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.9460 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

69_WLAN5.5GHz_802.11n-HT20 MCS0_Back_10mm_Ch140_Ant 2

Communication System: UID 0, WIFI (0); Frequency: 5700 MHz; Duty Cycle: 1:1.084

Medium: MSL5000 Medium parameters used: $f = 5700$ MHz; $\sigma = 5.995$ S/m; $\epsilon_r = 47.443$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(3.92, 3.92, 3.92); Calibrated: 2016.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch140/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.47 W/kg

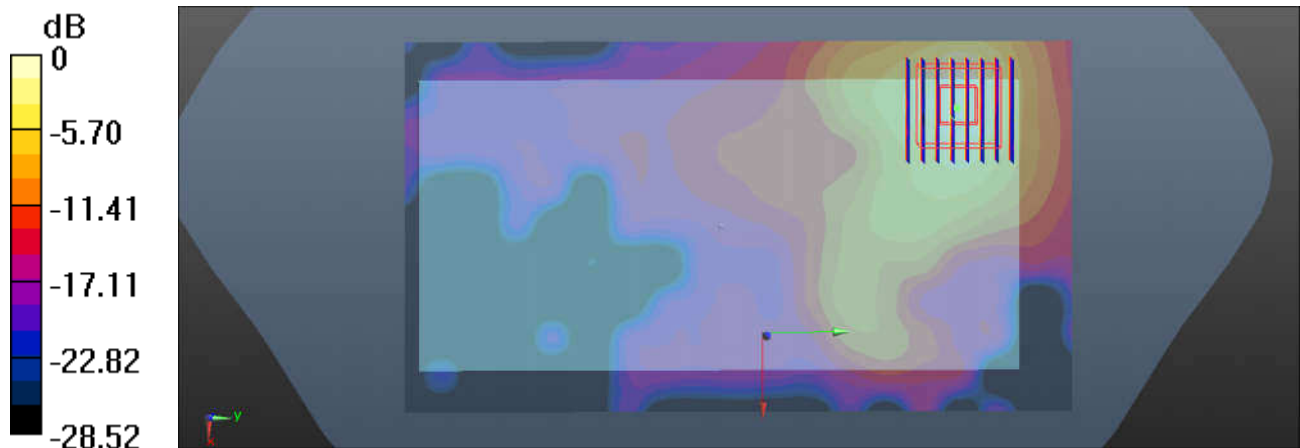
Ch140/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.370 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.61 W/kg

SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.212 W/kg

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

70_WLAN5.5GHz_802.11n-HT20 MCS0_Back_10mm_Ch100_Ant 1+2

Communication System: UID 0, WIFI (0); Frequency: 5500 MHz; Duty Cycle: 1:1.067

Medium: MSL_5000 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.848$ S/m; $\epsilon_r = 47.418$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.71, 3.71, 3.71); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch100/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.98 W/kg

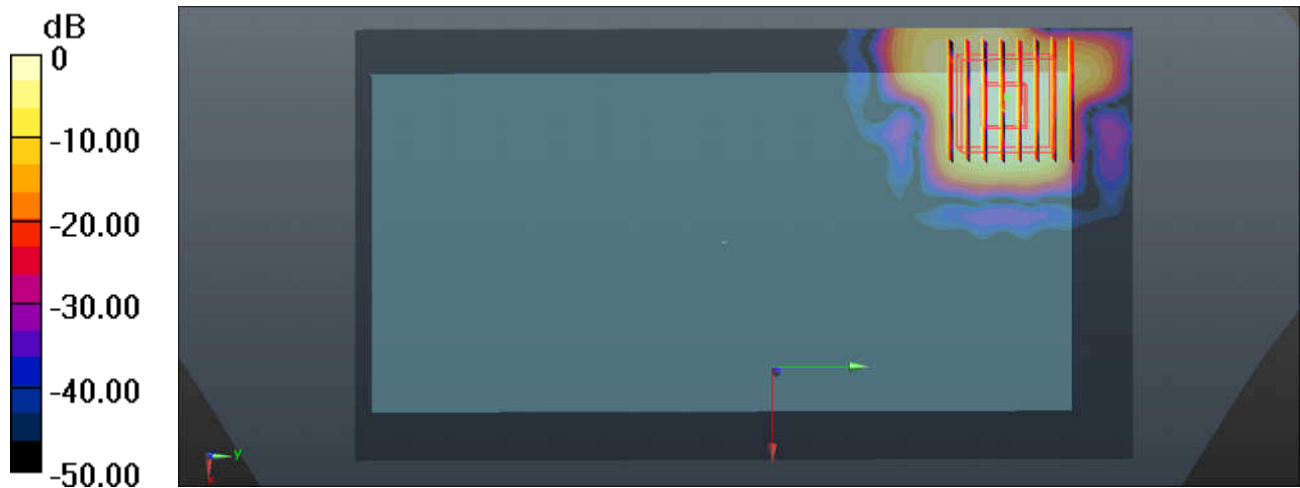
Ch100/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.472 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.76 W/kg

SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.226 W/kg

Maximum value of SAR (measured) = 1.71 W/kg



0 dB = 1.71 W/kg = 2.33 dBW/kg

71_Bluetooth_1Mbps_Front_10mm_Ch78

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.302

Medium: MSL_2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.036$ S/m; $\epsilon_r = 53.416$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.79, 6.79, 6.79); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch78/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0468 W/kg

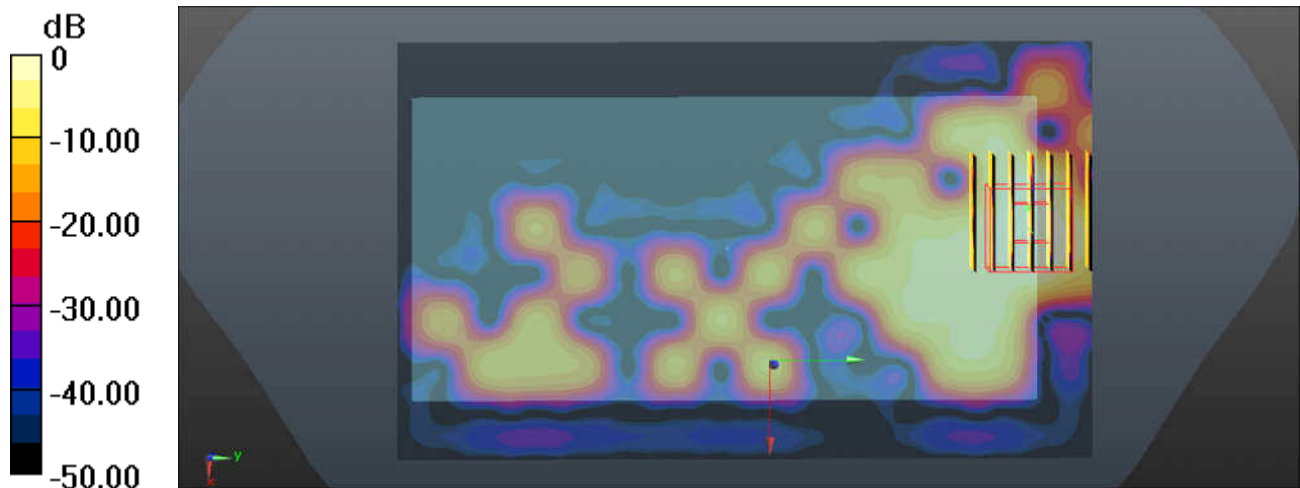
Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.361 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0570 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0379 W/kg



0 dB = 0.0379 W/kg = -14.21 dBW/kg

72_GSM1900_GPRS 3 Tx slots_Back_0mm_Ch512

Communication System: UID 0, GPRS/EDGE (3 Tx slots) (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.77

Medium: MSL_1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.505$ S/m; $\epsilon_r = 54.798$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch512/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.75 W/kg

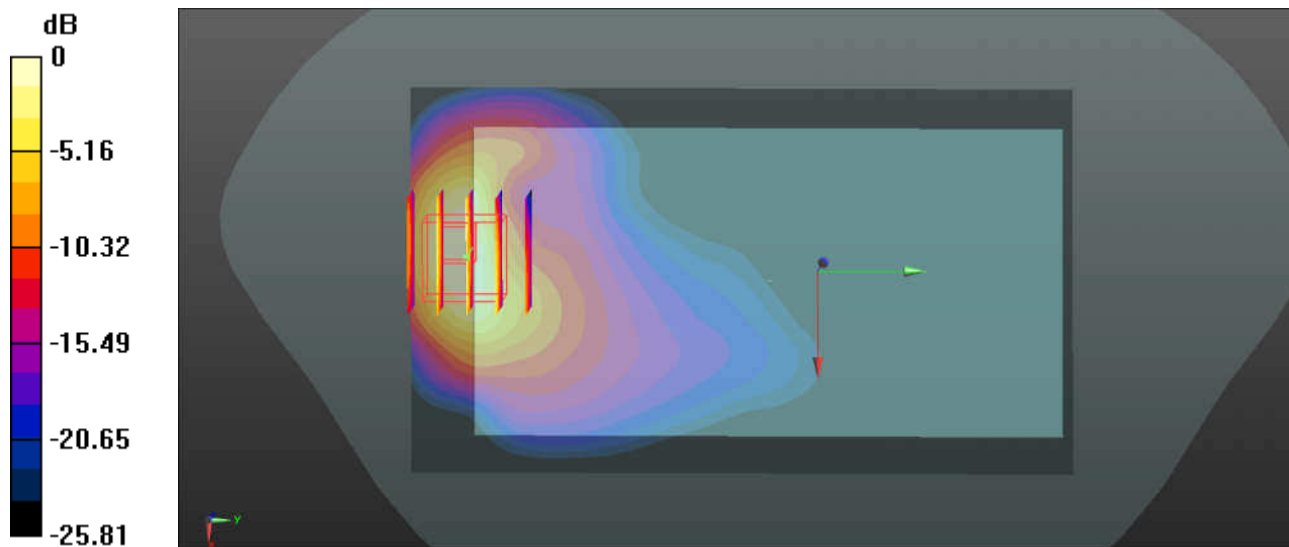
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.144 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 12.9 W/kg

SAR(1 g) = 5.98 W/kg; SAR(10 g) = 2.84 W/kg

Maximum value of SAR (measured) = 9.52 W/kg



0 dB = 9.52 W/kg = 9.79 dBW/kg

73_WCDMA Band IV_RMC 12.2Kbps_Back_0mm_Ch1513

Communication System: UID 0, UMTS (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750 Medium parameters used: $f = 1752.6$ MHz; $\sigma = 1.512$ S/m; $\epsilon_r = 54.526$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.81, 7.81, 7.81); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1513/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.67 W/kg

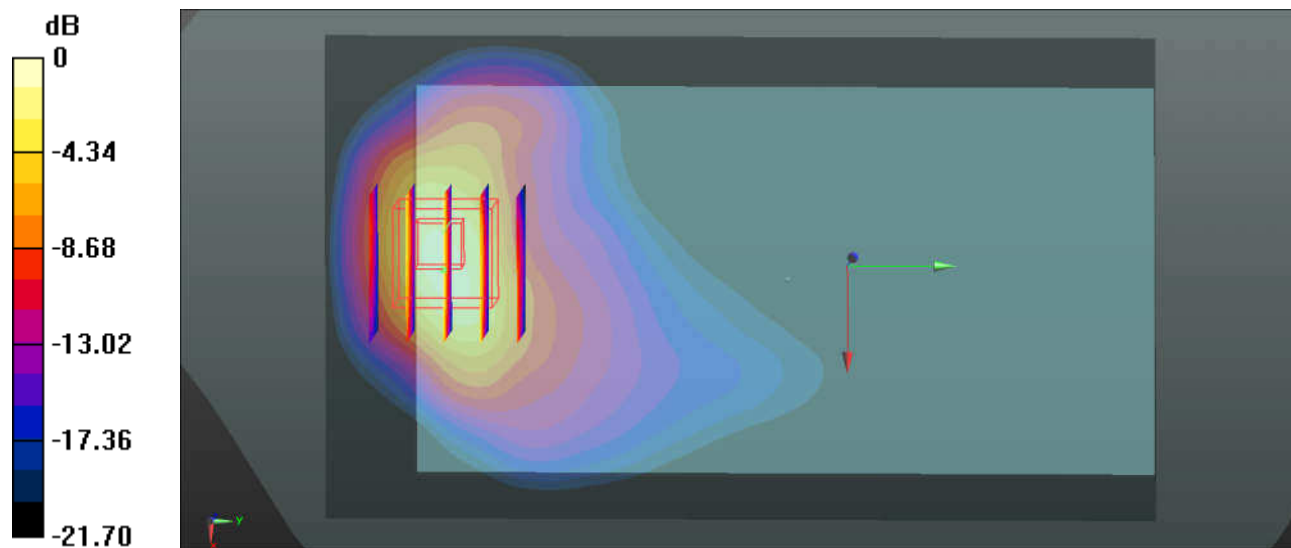
Ch1513/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.338 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 15.3 W/kg

SAR(1 g) = 7.11 W/kg; SAR(10 g) = 3.33 W/kg

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



0 dB = 11.4 W/kg = 10.57 dBW/kg

74_WCDMA Band II_RMC 12.2Kbps_Back_0mm_Ch9262

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.508$ S/m; $\epsilon_r = 54.796$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch9262/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.11 W/kg

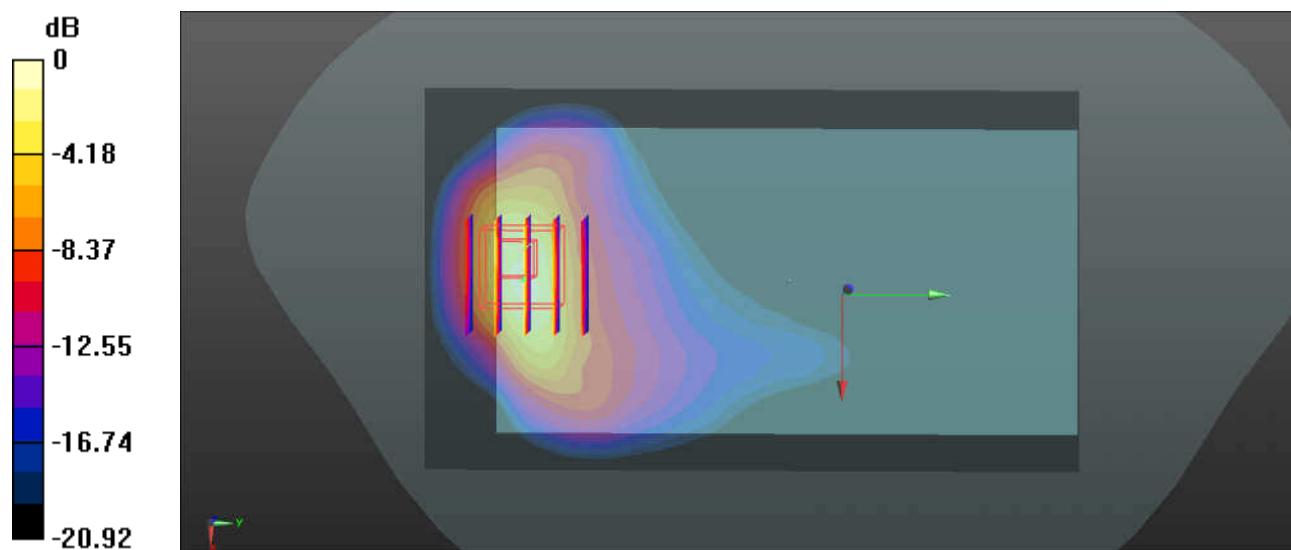
Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.519 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 10.6 W/kg

SAR(1 g) = 5.07 W/kg; SAR(10 g) = 2.45 W/kg

Maximum value of SAR (measured) = 7.52 W/kg



0 dB = 7.52 W/kg = 8.76 dBW/kg

75_CDMA2000 BC1_RTAP153.6Kbps_Back_0mm_Ch25

Communication System: UID 0, CDMA2000 (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: MSL_1900 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.507$ S/m; $\epsilon_r = 54.796$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch25/Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 7.25 W/kg

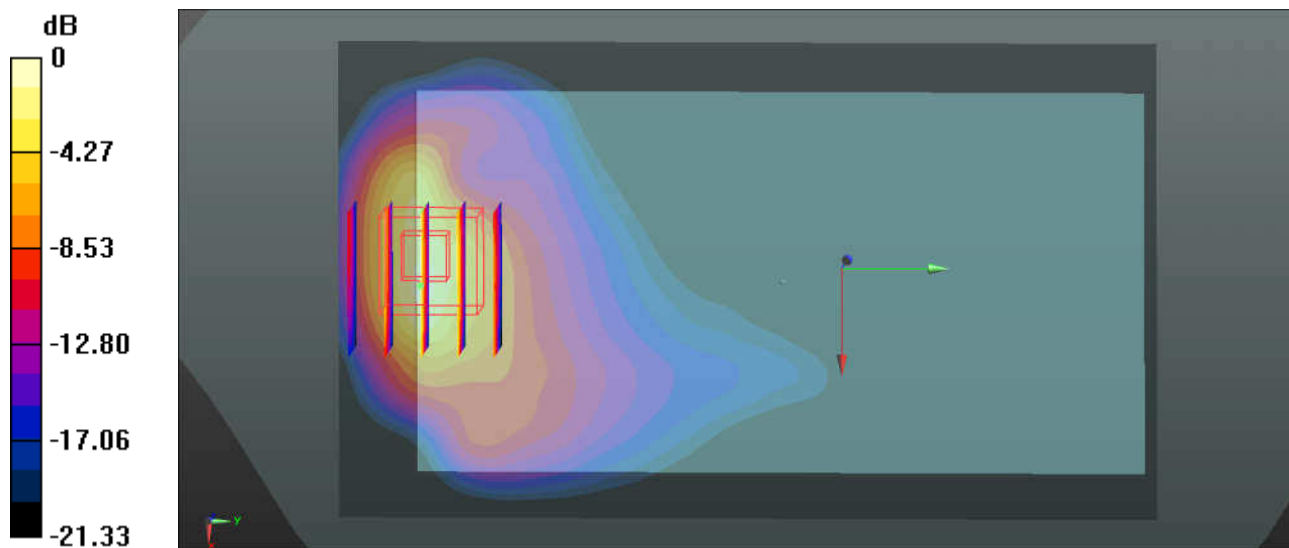
Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.298 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 12.3 W/kg

SAR(1 g) = 6.05 W/kg; SAR(10 g) = 2.98 W/kg

Maximum value of SAR (measured) = 9.19 W/kg



0 dB = 9.19 W/kg = 9.63 dBW/kg

76_LTE Band 4_20M_QPSK_1RB_0Offset_Back_0mm_Ch20175

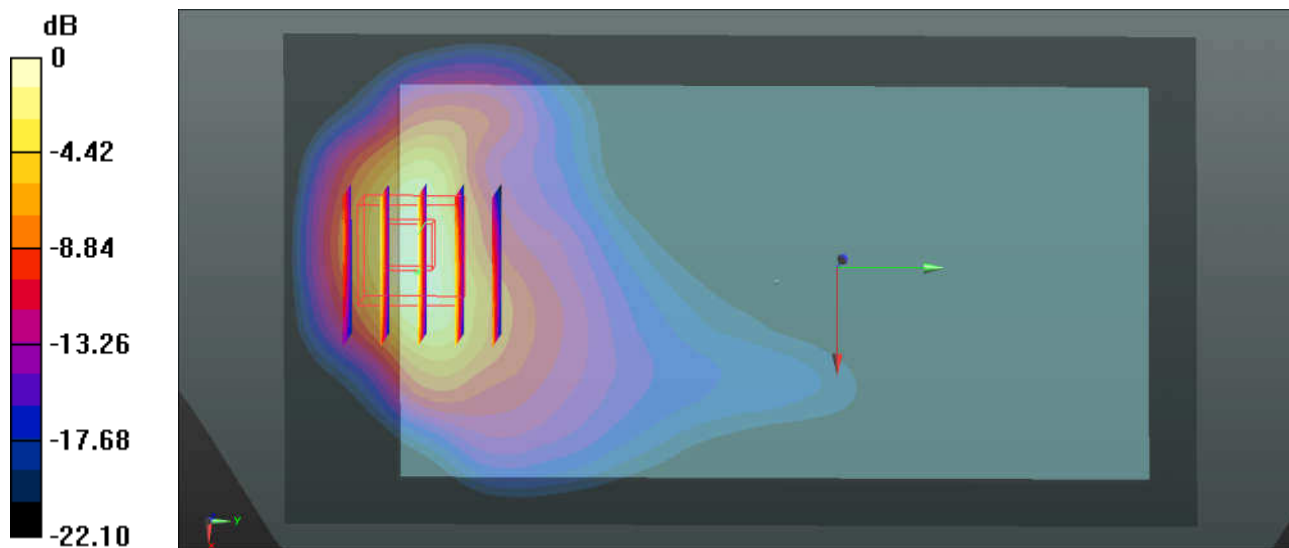
Communication System: UID 0, FDD_LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1
Medium: MSL_1750 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.49$ S/m; $\epsilon_r = 54.608$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.81, 7.81, 7.81); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch20175/Area Scan (71x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 8.88 W/kg

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 5.496 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 13.8 W/kg
SAR(1 g) = 6.41 W/kg; SAR(10 g) = 2.99 W/kg
Maximum value of SAR (measured) = 9.78 W/kg



0 dB = 9.78 W/kg = 9.90 dBW/kg

77_LTE Band 25_20M_QPSK_1RB_0Offset_Back_0mm_Ch26140

Communication System: UID 0, FDD_LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: MSL_1900 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.517$ S/m; $\epsilon_r = 54.765$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch26140/Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 9.35 W/kg

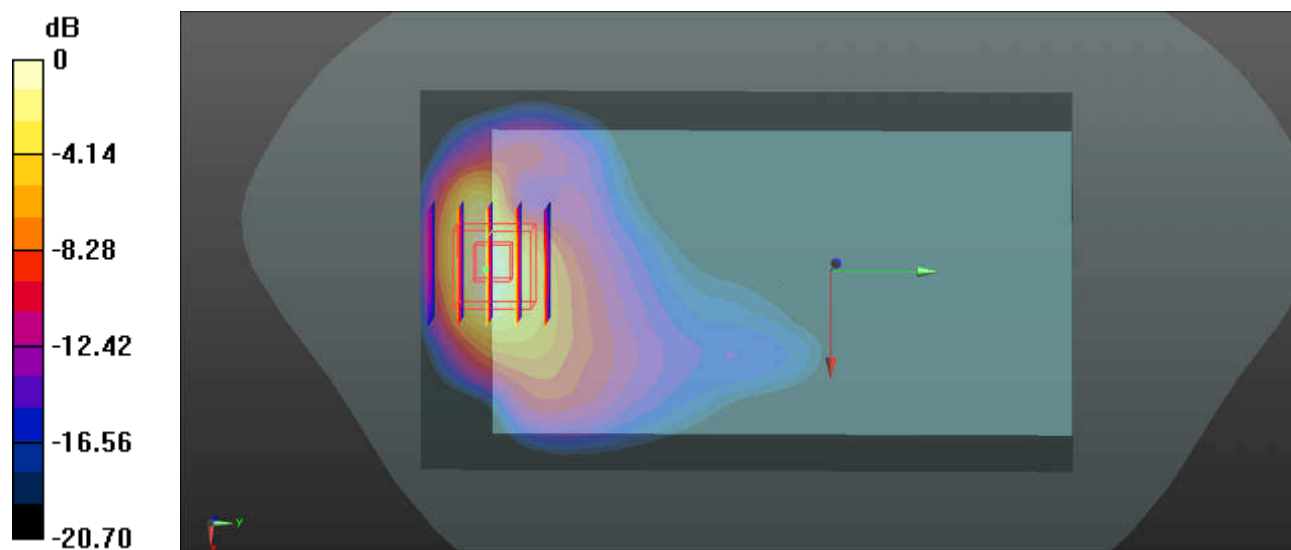
Ch26140/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.508 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 12.3 W/kg

SAR(1 g) = 6.02 W/kg; SAR(10 g) = 2.92 W/kg

Maximum value of SAR (measured) = 9.22 W/kg



0 dB = 9.22 W/kg = 9.65 dBW/kg