

01_GSM850_GPRS(1 Tx slots)_Edge 2_0cm_Ch251_Sensor Off

Communication System: UID 0, Generic GSM (0); Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: MSL_835_150404 Medium parameters used: $f = 848.8$ MHz; $\sigma = 1.01$ S/m; $\epsilon_r = 54.249$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.49, 9.49, 9.49); Calibrated: 2014.11.13;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2014.12.11
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch251/Area Scan (41x181x1): Interpolated grid: dx=15mm, dy=15mm

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

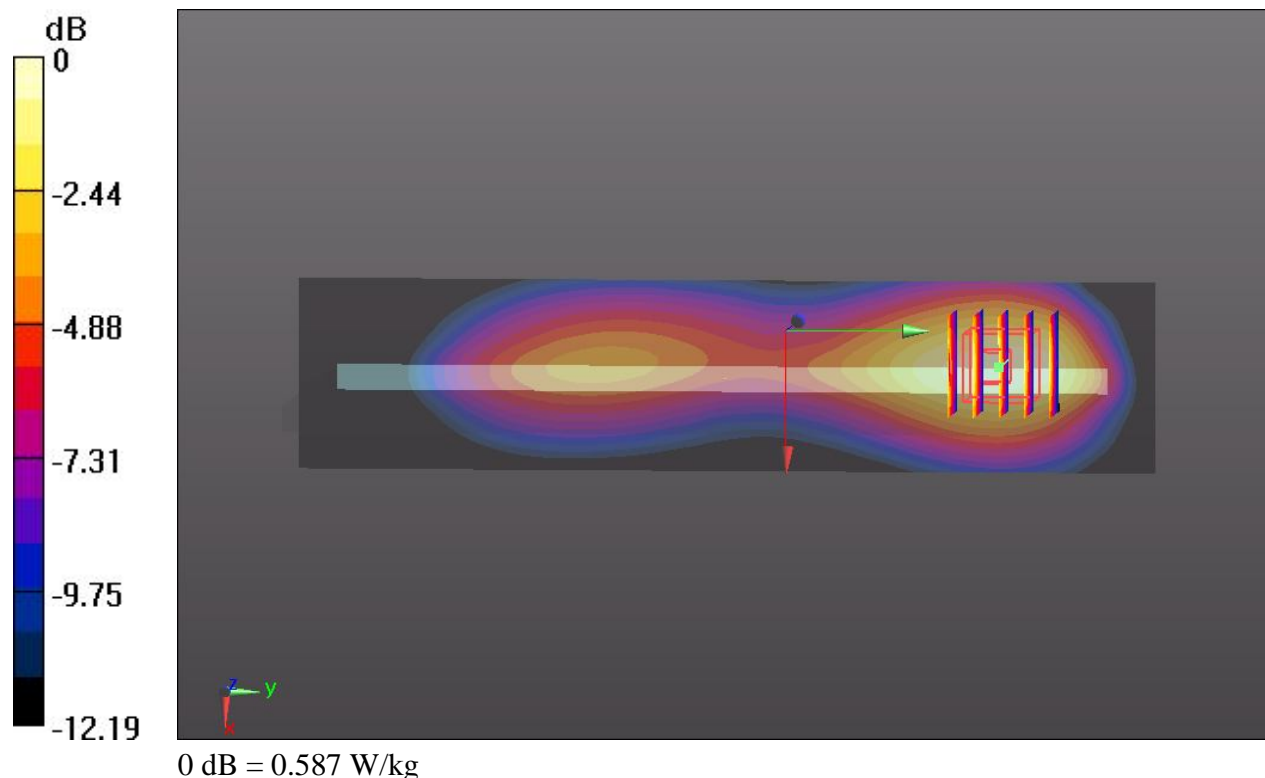
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.857 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 0.587 W/kg



02_GSM1900_GPRS(4 Tx slots)_Bottom Face_0cm_Ch810_Sensor On

Communication System: UID 0, GPRS/EDGE12 (0); Frequency: 1909.8 MHz; Duty Cycle: 1:2.08
 Medium: MSL_1900_150405 Medium parameters used: $f = 192,0 \text{ MHz}$; $\sigma = 1.536 \text{ S/m}$; $\epsilon_r = 54.849$;
 $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.5 \text{ }^\circ\text{C}$; Liquid Temperature : $22.7 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.39, 7.39, 7.39); Calibrated: 2014.11.13;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2014.12.11
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch810/Area Scan (131x81x1): Interpolated grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.55 W/kg

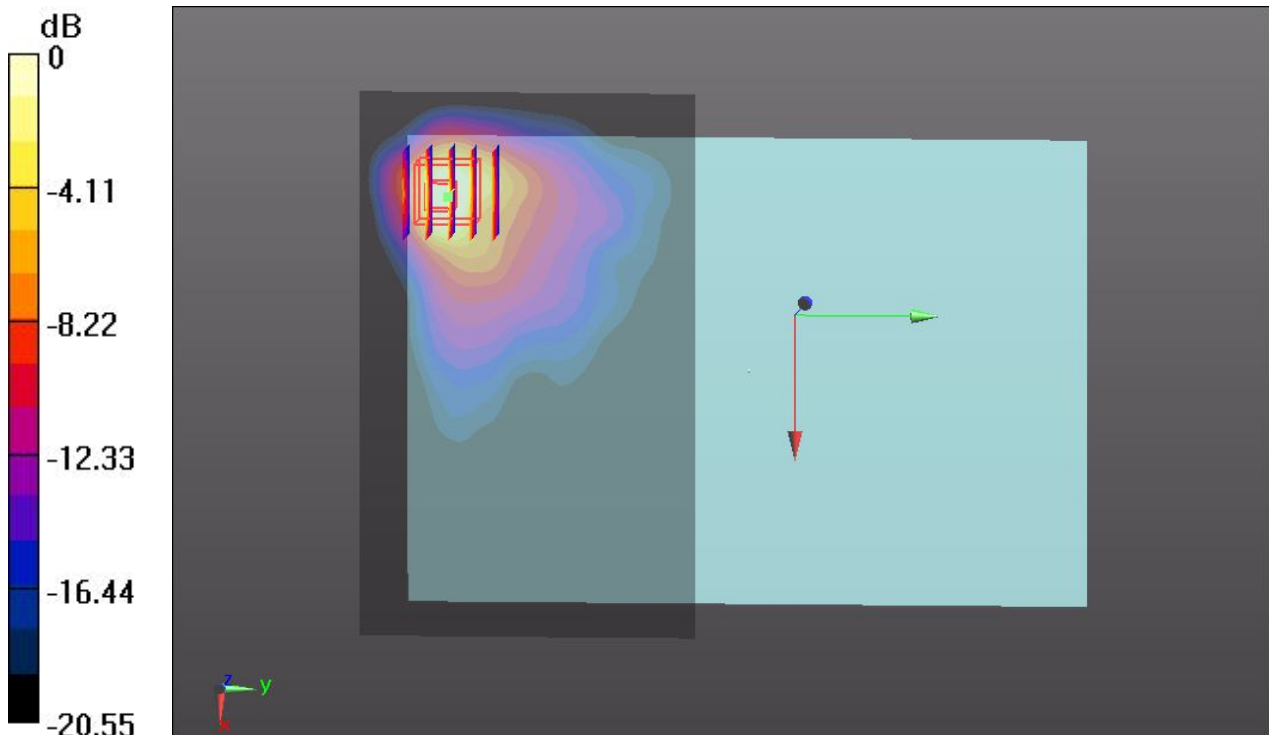
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.164 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.871 W/kg ; SAR(10 g) = 0.388 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg

03_WCDMA V_RMC 12.2K_Bottom Face_0cm_Ch4233_Sensor On

Communication System: UID 0, UMTS (0); Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: MSL_835_150404 Medium parameters used: $f = 848.8$ MHz; $\sigma = 1.008$ S/m; $\epsilon_r = 54.264$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.49, 9.49, 9.49); Calibrated: 2014.11.13;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2014.12.11
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch4233/Area Scan (131x81x1): Interpolated grid: dx=15mm, dy=15mm

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

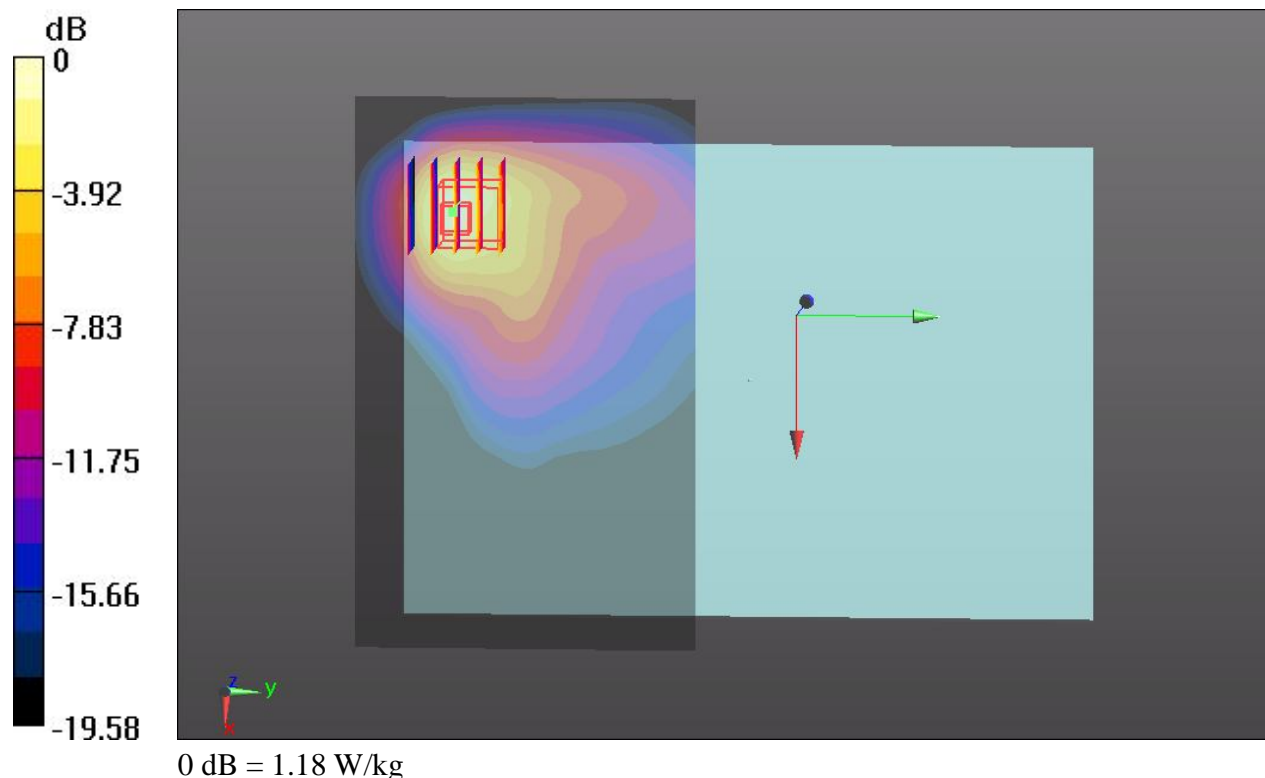
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.801 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.776 W/kg; SAR(10 g) = 0.427 W/kg

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



04_WCDMA II_RMC 12.2K_Edge 2_0cm_Ch9538_Sensor Off

Communication System: UID 0, UMTS (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: MSL_1900_150405 Medium parameters used: $f = 190908$ MHz; $\sigma = 1.535$ S/m; $\epsilon_r = 54.854$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.39, 7.39, 7.39); Calibrated: 2014.11.13;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2014.12.11
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch9538/Area Scan (41x181x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.20 W/kg

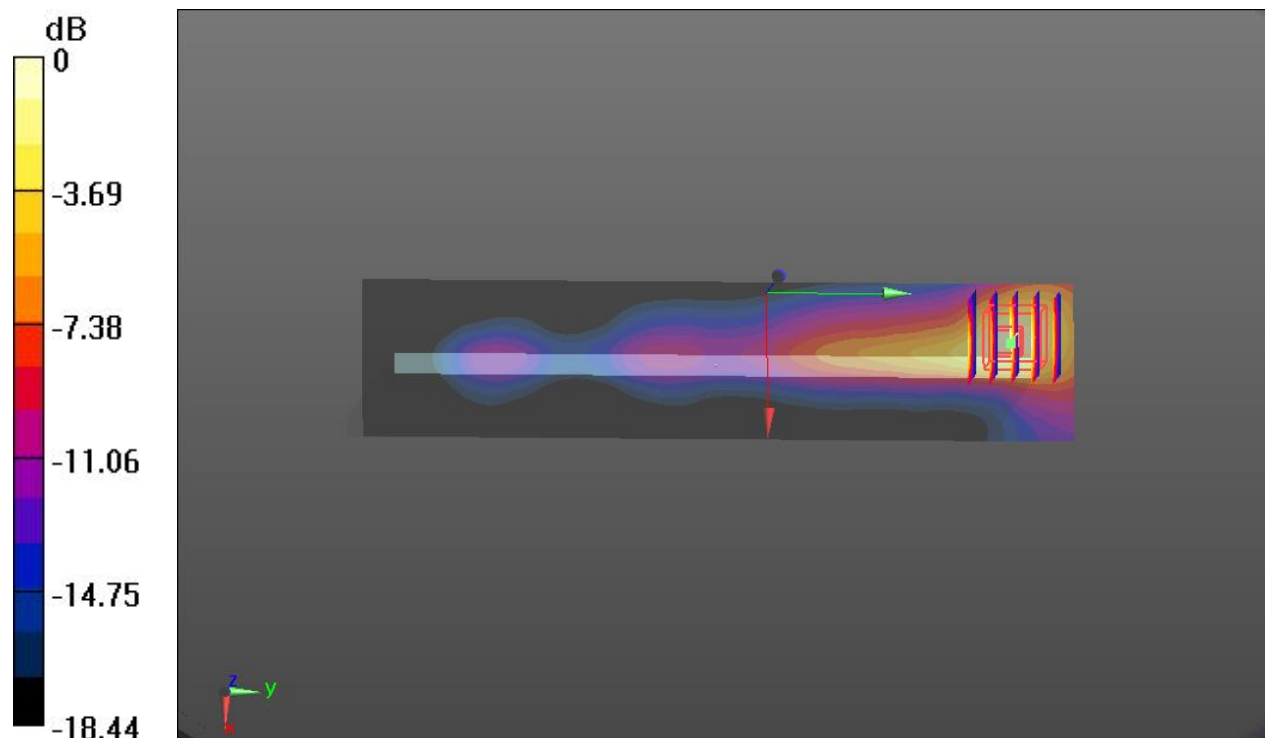
Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.855 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 1.000 W/kg; SAR(10 g) = 0.466 W/kg

Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.20 W/kg

05_LTE Band 41_20M_QPSK_50RB_0Offset_Bottom Face_0cm_Ch40607_Sensor On

Communication System: UID 0, LTE (0); Frequency: 2591.7 MHz; Duty Cycle: 1:1
 Medium: MSL_2600_150404 Medium parameters used: $f = 2593\text{0 MHz}$; $\sigma = 2.199 \text{ S/m}$; $\epsilon_r = 51.106$;
 $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : 23.5 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.8, 6.8, 6.8); Calibrated: 2014.11.13;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2014.12.11
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch40607/Area Scan (161x101x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.69 W/kg

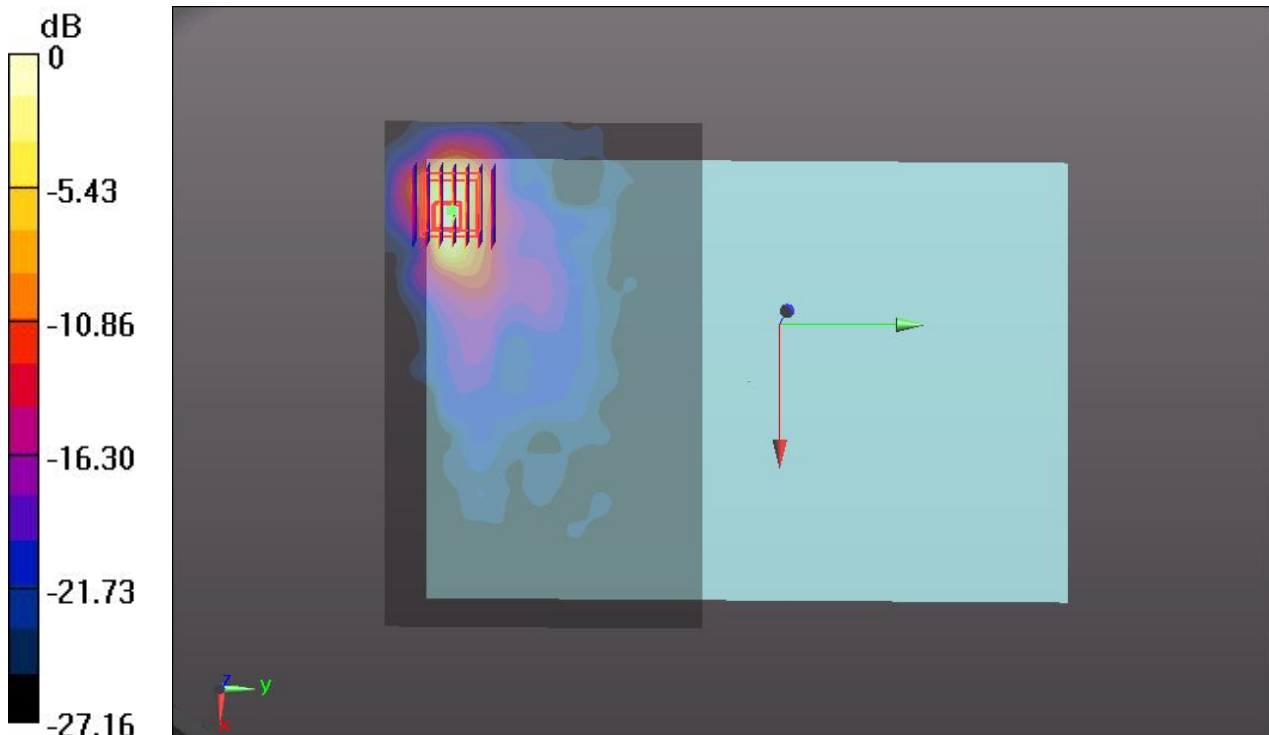
Ch40607/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.574 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 0.820 W/kg; SAR(10 g) = 0.290 W/kg

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



0 dB = 1.69 W/kg

06_WLAN2.4GHz_802.11g 6Mbps_Bottom Face_0cm_Ch11

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1
 Medium: MSL_2450_150404 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.012$ S/m; $\epsilon_r = 52.233$;
 $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.95, 6.95, 6.95); Calibrated: 2014.11.13;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2014.12.11
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch11/Area Scan (161x91x1): Interpolated grid: dx=12mm, dy=12mm

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

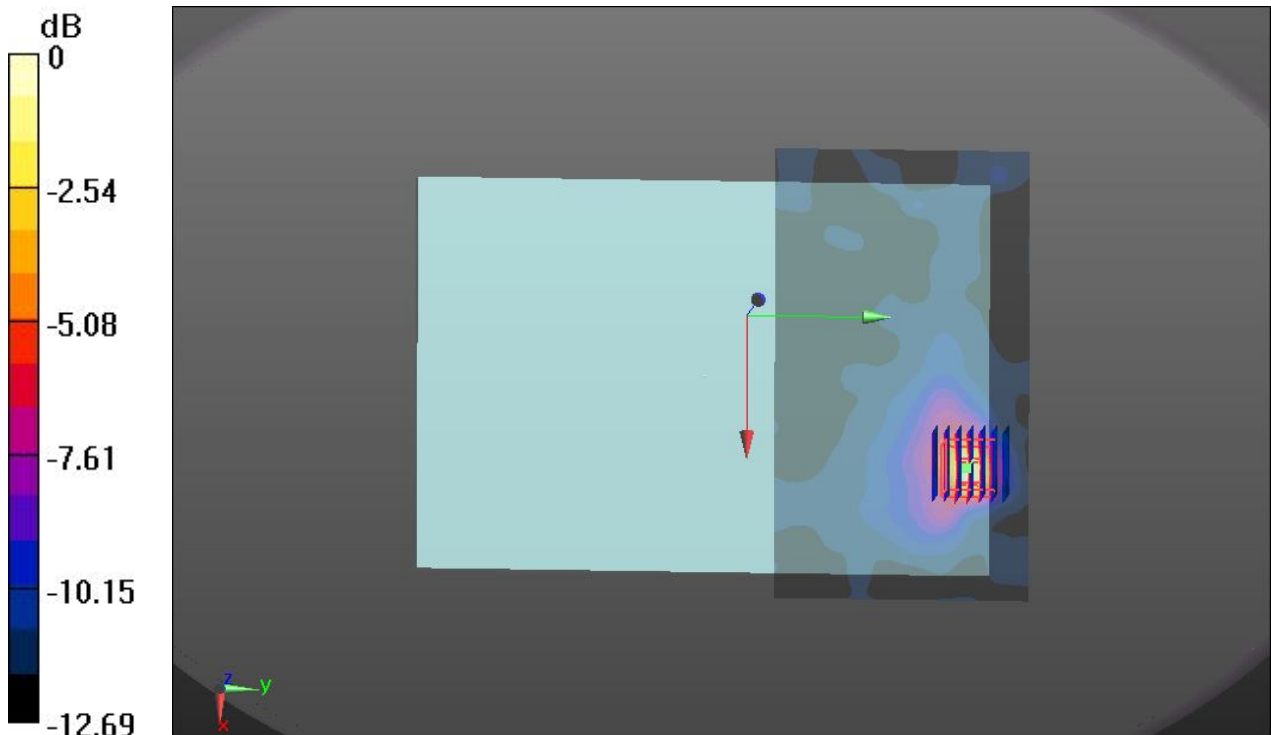
Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.987 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.698 W/kg; SAR(10 g) = 0.239 W/kg

Maximum value of SAR (measured) = 0.970 W/kg



0 dB = 0.768 W/kg

07_Bluetooth_DH5_Bottom Face_0cm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.2
 Medium: MSL_2450_150404 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.935$ S/m; $\epsilon_r = 52.472$;
 $\rho = 1000$ kg/m³
 Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.95, 6.95, 6.95); Calibrated: 2014.11.13;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2014.12.11
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch0/Area Scan (161x91x1): Interpolated grid: dx=12mm, dy=12mm

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

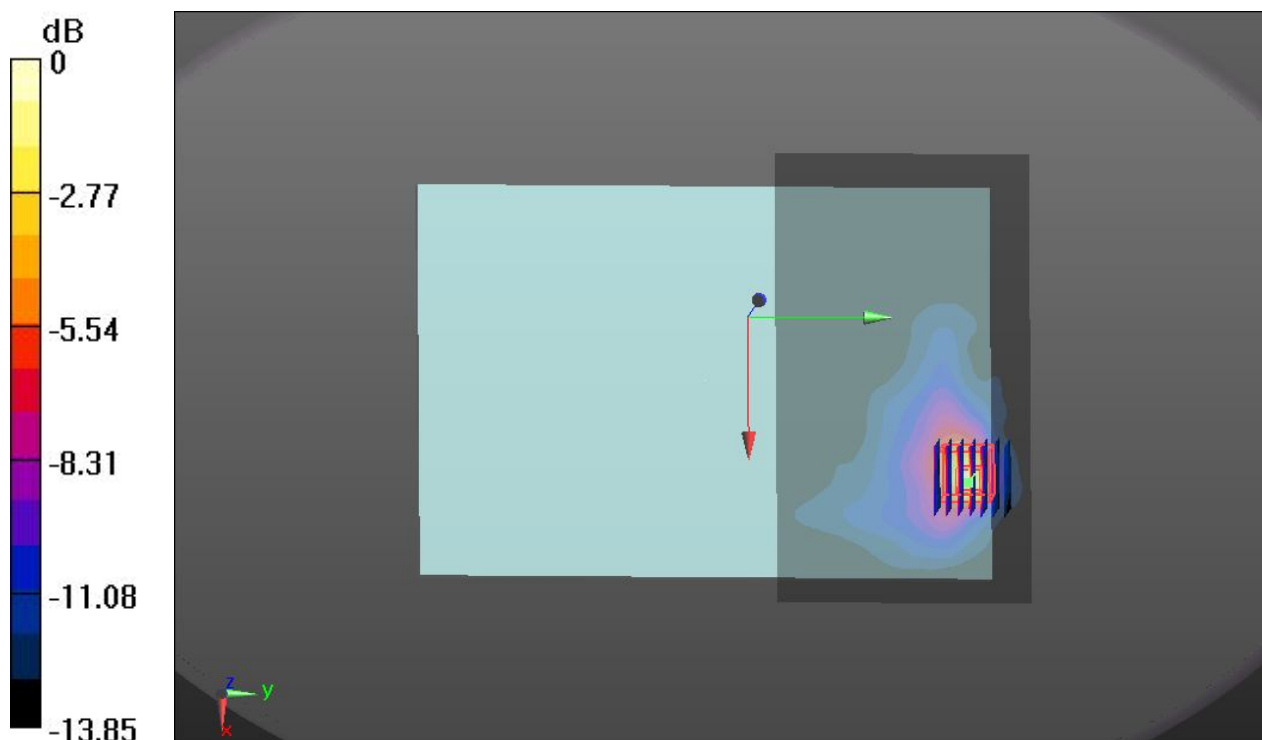
Ch0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.066 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.625 W/kg; SAR(10 g) = 0.242 W/kg

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



0 dB = 1.03 W/kg

08_WLAN5G Band 1_802.11a 6Mbps_Bottom Face_0cm_Ch48

Communication System: UID 0, WIFI (0); Frequency: 5240 MHz; Duty Cycle: 1:1
Medium: MSL_5200_150405 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.367$ S/m; $\epsilon_r = 49.141$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.52, 4.52, 4.52); Calibrated: 2014.11.13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2014.12.11
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch48/Area Scan (191x91x1): Interpolated grid: dx=10mm, dy=10mm

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

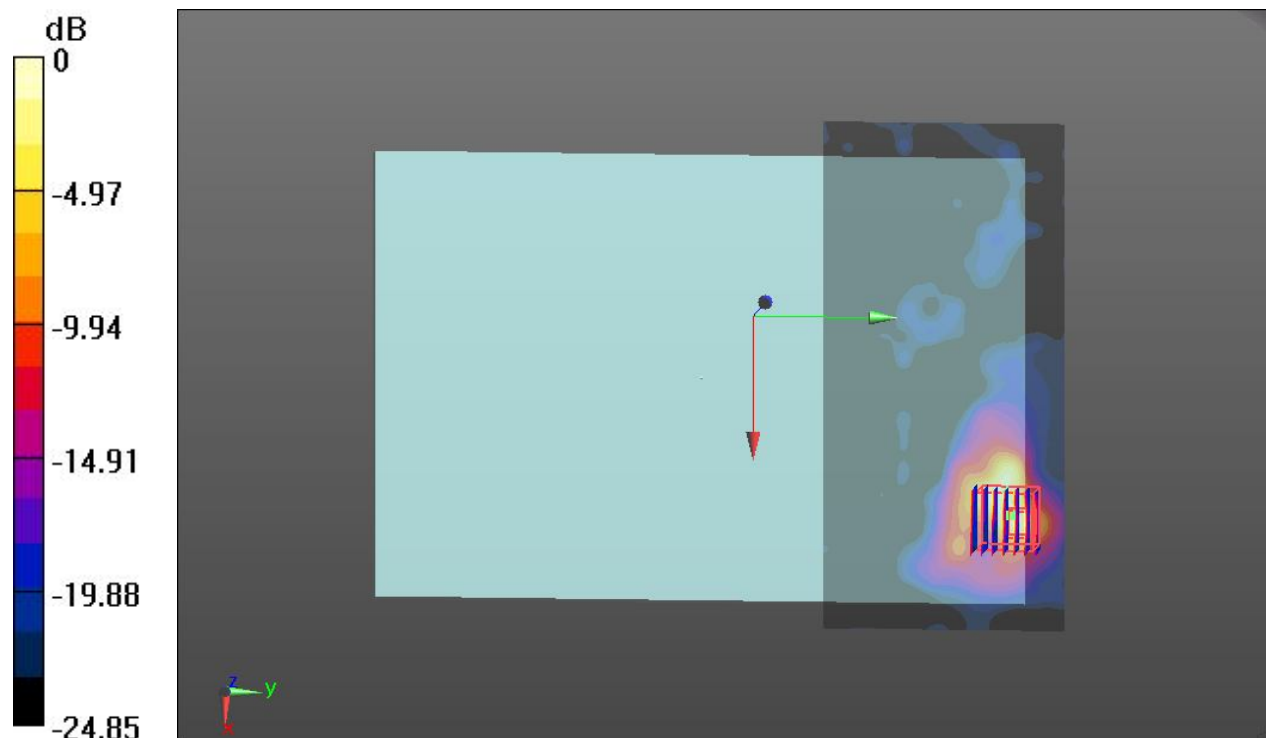
Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.508 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.95 W/kg

SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.160 W/kg

Maximum value of SAR (measured) = 2.43 W/kg



0 dB = 1.64 W/kg

09_WLAN5G Band 2_802.11a 6Mbps_Bottom Face_0cm_Ch64

Communication System: UID 0, WIFI (0); Frequency: 5320 MHz; Duty Cycle: 1:1
Medium: MSL_5300_150405 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.448$ S/m; $\epsilon_r = 48.942$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.37, 4.37, 4.37); Calibrated: 2014.11.13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2014.12.11
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch64/Area Scan (191x91x1): Interpolated grid: dx=10mm, dy=10mm

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

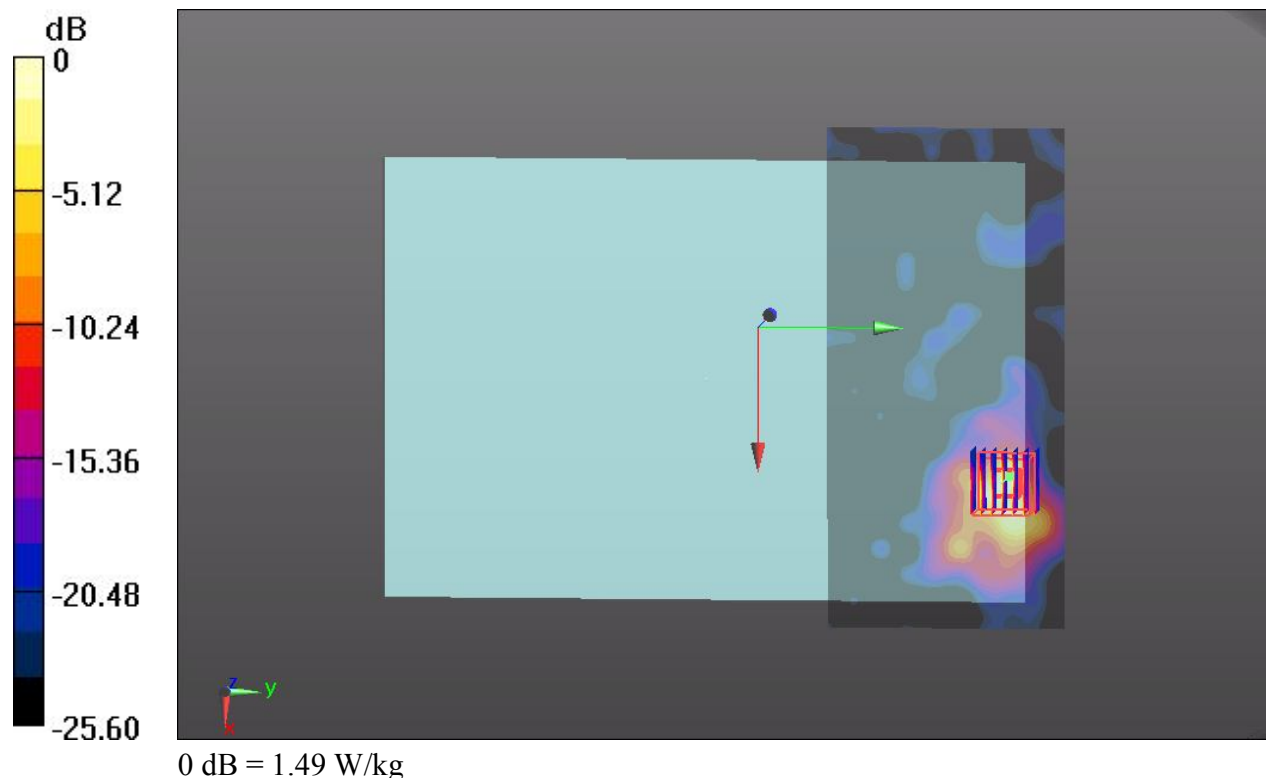
Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.296 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 5.42 W/kg

SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 2.35 W/kg



10_WLAN5G Band 4_802.11a 6Mbps_Bottom Face_0cm_Ch161

Communication System: UID 0, WIFI (0); Frequency: 5805 MHz; Duty Cycle: 1:1
Medium: MSL_5800_150405 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.167$ S/m; $\epsilon_r = 47.968$;
 $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.07, 4.07, 4.07); Calibrated: 2014.11.13;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2014.12.11
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Ch161/Area Scan (191x91x1): Interpolated grid: dx=10mm, dy=10mm

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

Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.335 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 6.22 W/kg

SAR(1 g) = 0.932 W/kg; SAR(10 g) = 0.456 W/kg

Maximum value of SAR (measured) = 2.17 W/kg

