

#01_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: HSL_850_180320 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.877$ S/m; $\epsilon_r = 43$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.18, 6.18, 6.18); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.331 W/kg

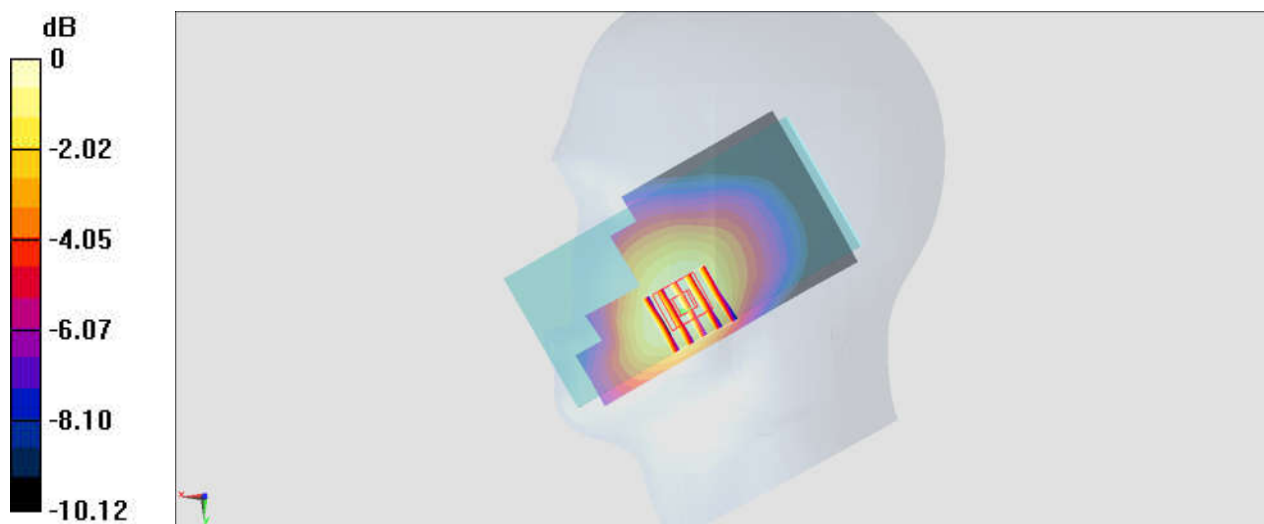
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.297 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.231 W/kg

Maximum value of SAR (measured) = 0.324 W/kg



0 dB = 0.324 W/kg = -4.89 dBW/kg

#02_GSM1900_GPRS (4 Tx slots)_Left Cheek_Ch512

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900_180328 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.394$ S/m; $\epsilon_r = 41.296$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.73, 8.73, 8.73); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.782 W/kg

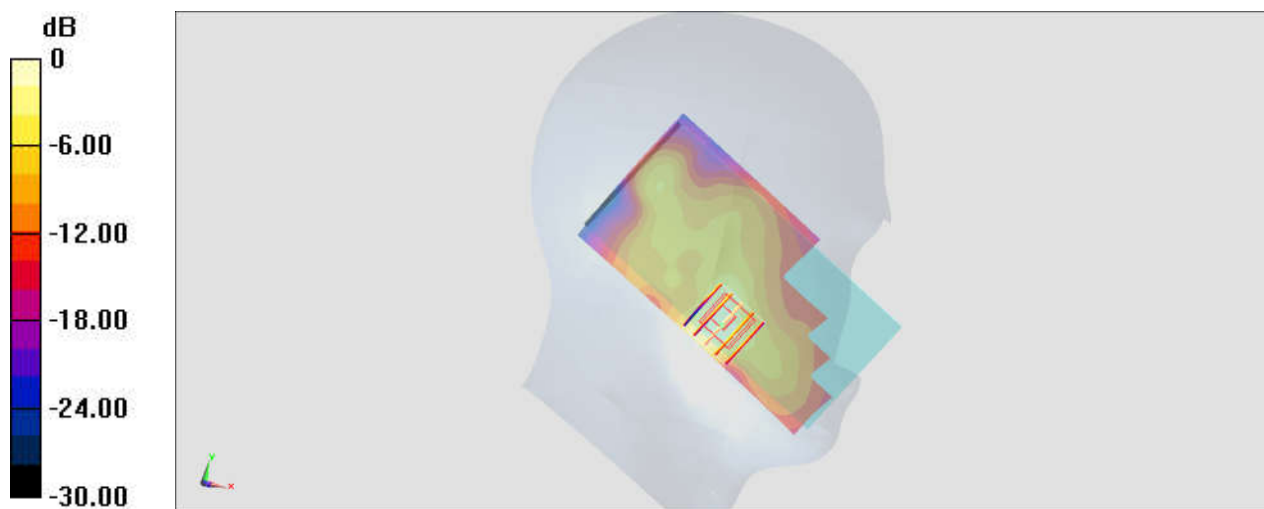
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.24 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.286 W/kg

Maximum value of SAR (measured) = 0.803 W/kg



0 dB = 0.803 W/kg = -0.95 dBW/kg

#03_WCDMA II_RMC 12.2Kbps_Left Cheek_Ch9262

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

Medium: HSL_1900_180323 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.374$ S/m; $\epsilon_r = 38.817$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.45, 8.45, 8.45); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.870 W/kg

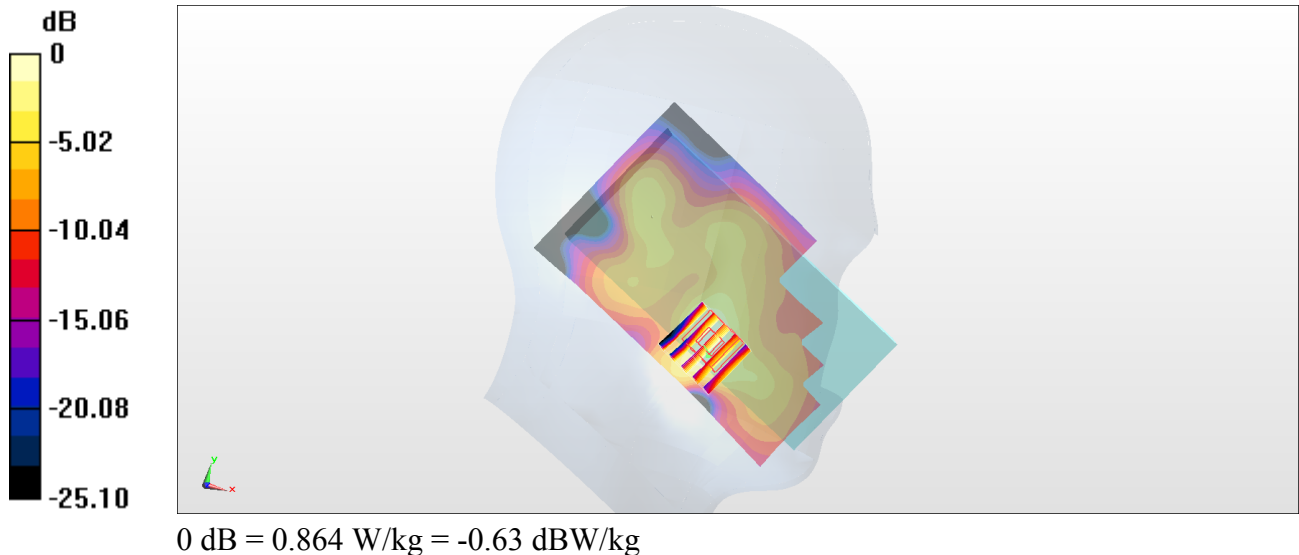
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.94 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.630 W/kg; SAR(10 g) = 0.343 W/kg

Maximum value of SAR (measured) = 0.864 W/kg



#04_WCDMA IV_RMC 12.2Kbps_Left Cheek_Ch1513

Communication System: WCDMA ; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL_1750_180323 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.375$ S/m; $\epsilon_r = 41.288$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.8, 8.8, 8.8); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

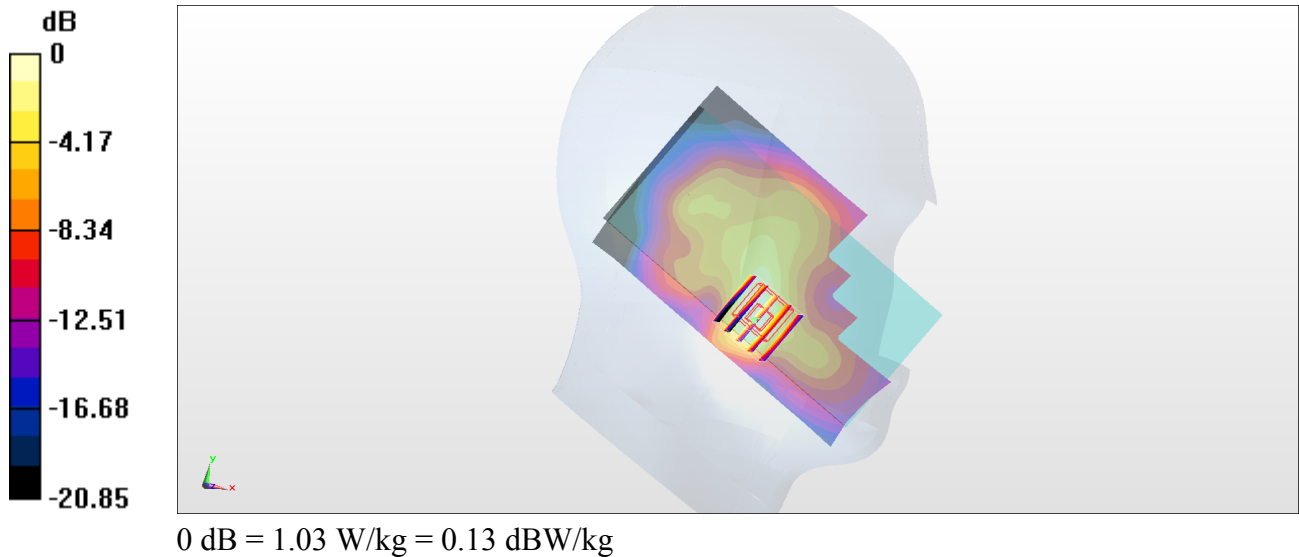
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.90 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.404 W/kg

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



#05_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4132

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

Medium: HSL_850_180320 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.879$ S/m; $\epsilon_r = 42.975$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.18, 6.18, 6.18); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

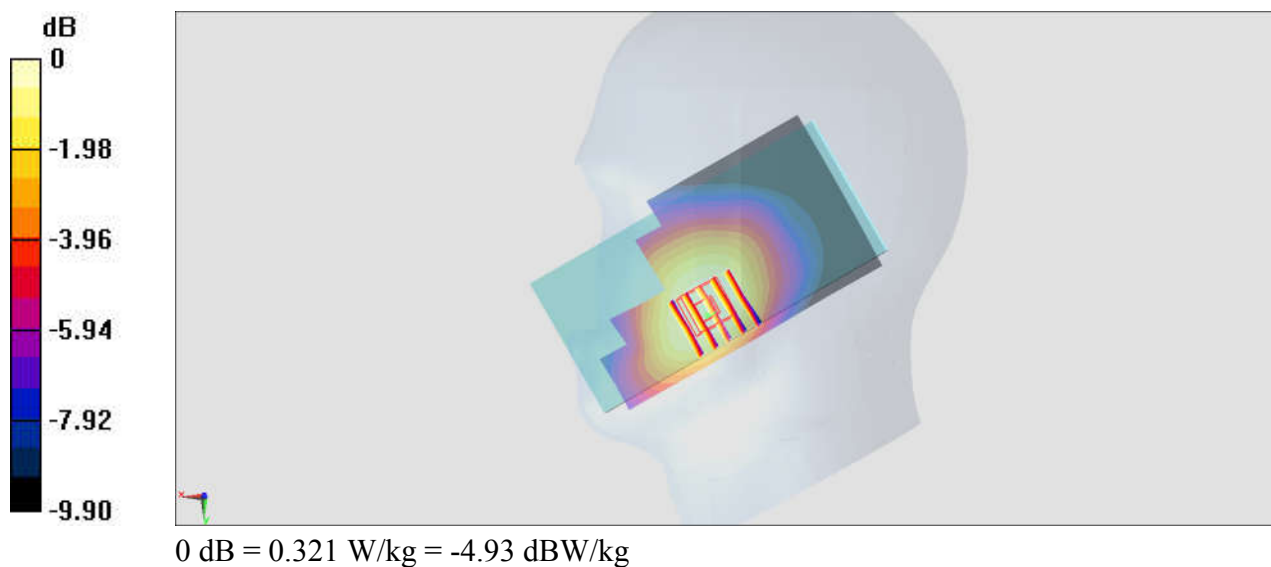
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.453 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.364 W/kg

SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (measured) = 0.321 W/kg



#06_LTE Band 4_20M_QPSK_1_0_Left Cheek_Ch20175

Communication System: LTE ; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL_1750_180323 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.356$ S/m; $\epsilon_r = 41.346$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.8, 8.8, 8.8); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.932 W/kg

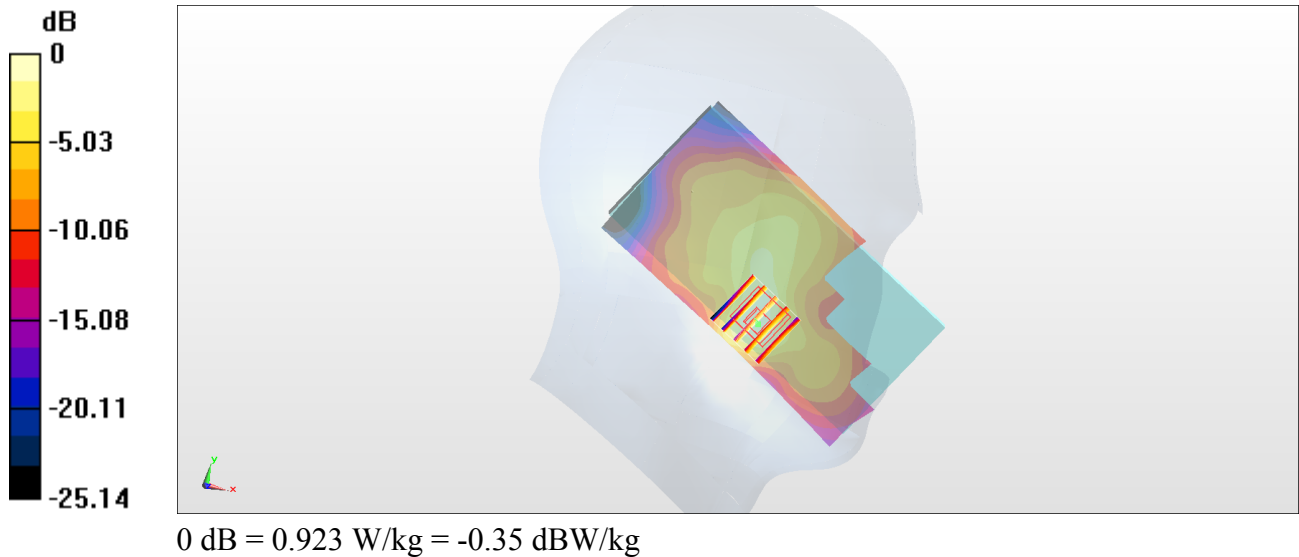
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.27 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.678 W/kg; SAR(10 g) = 0.376 W/kg

Maximum value of SAR (measured) = 0.923 W/kg



#07_LTE Band 5_10M_QPSK_1_0_Right Cheek_Ch20525

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

Medium: HSL_850_180320 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 42.855$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.18, 6.18, 6.18); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.230 W/kg

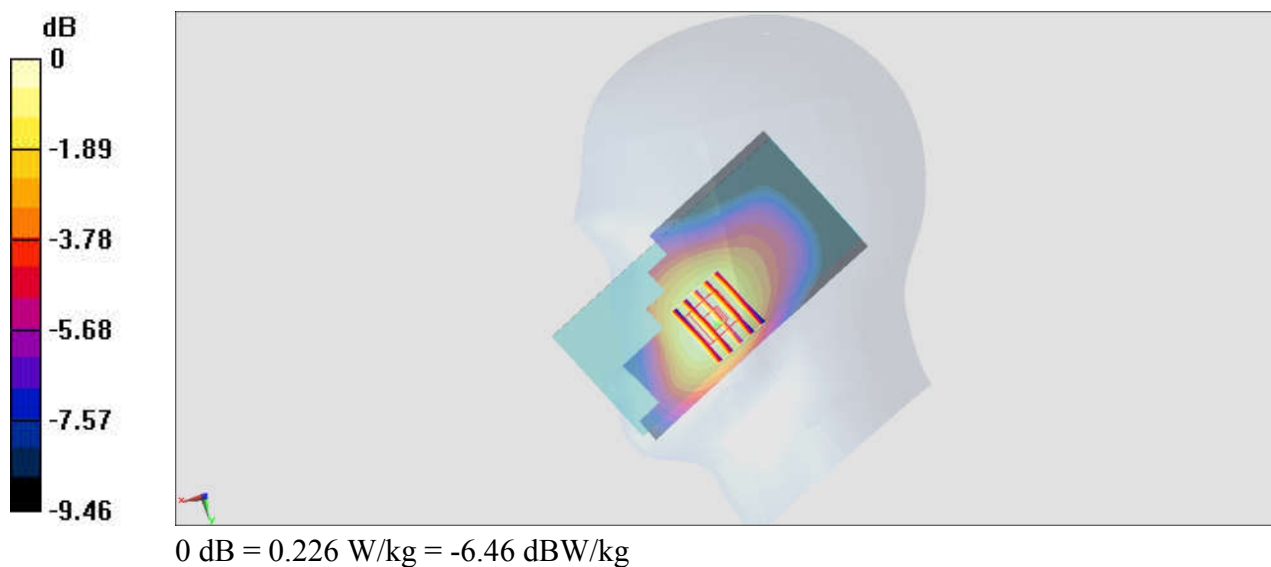
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.897 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.258 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.164 W/kg

Maximum value of SAR (measured) = 0.226 W/kg



#08_LTE Band 7_20M_QPSK_1_49_Right Cheek_Ch20850

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

Medium: HSL_2600_180323 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.819$ S/m; $\epsilon_r = 38.463$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.38, 7.38, 7.38); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.926 W/kg

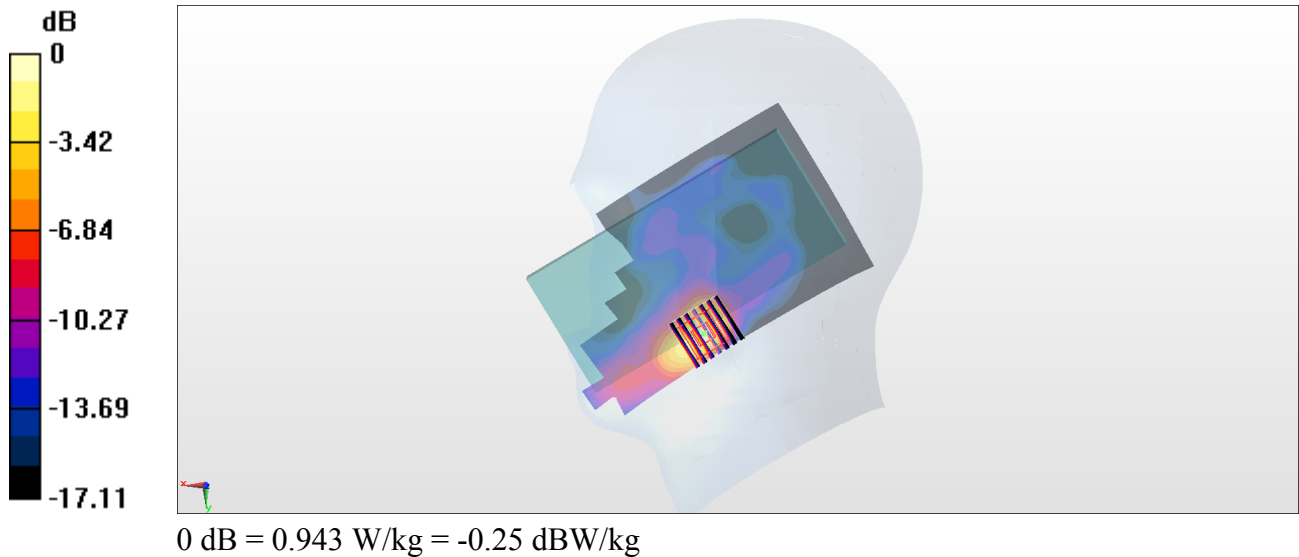
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.786 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.253 W/kg

Maximum value of SAR (measured) = 0.943 W/kg



#09_LTE Band 12_10M_QPSK_1_0_Right Cheek_Ch23095

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

Medium: HSL_750_180321 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.849$ S/m; $\epsilon_r = 44.107$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.34, 6.34, 6.34); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.135 W/kg

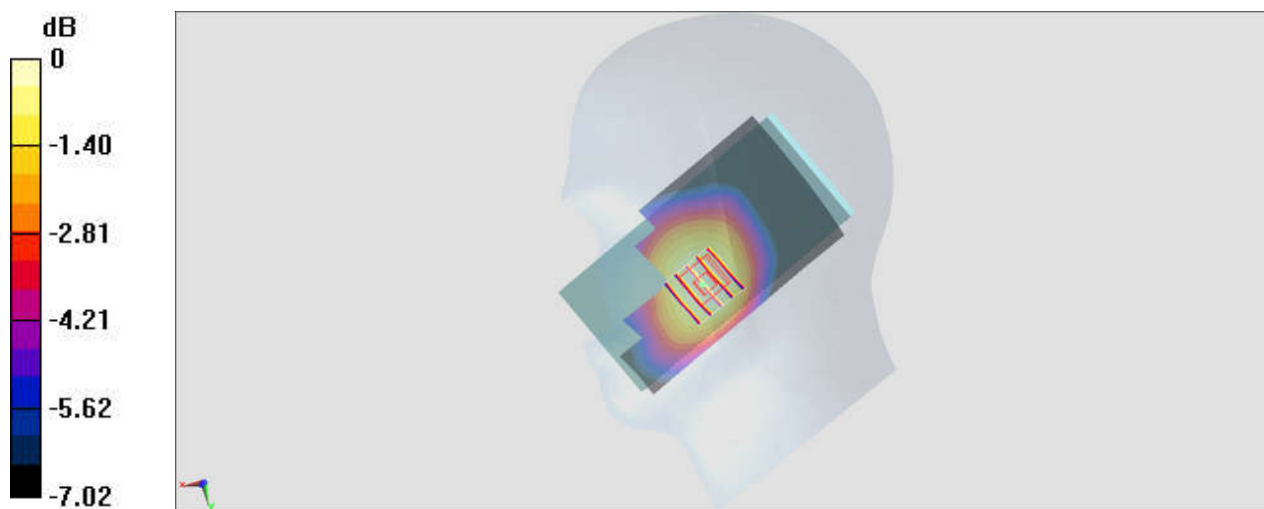
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.300 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.101 W/kg

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



0 dB = 0.134 W/kg = -8.73 dBW/kg

#10_LTE Band 13_10M_QPSK_1_0_Right Cheek_Ch23230

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

Medium: HSL_750_180321 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.924 \text{ S/m}$; $\epsilon_r = 43.075$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.34, 6.34, 6.34); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.174 W/kg

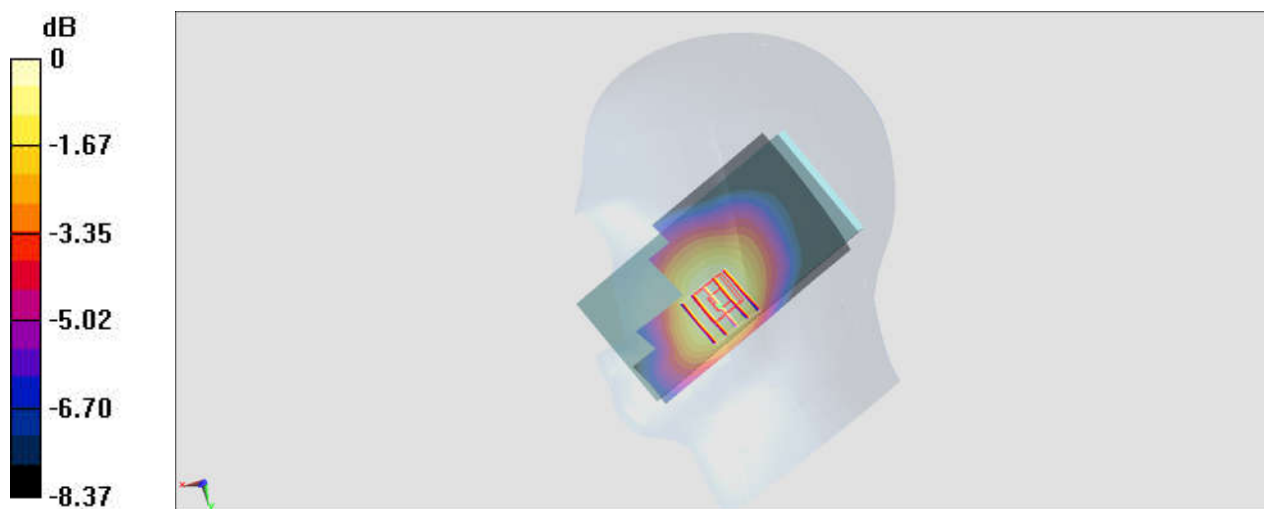
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.561 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.160 W/kg ; SAR(10 g) = 0.127 W/kg

Maximum value of SAR (measured) = 0.173 W/kg



$0 \text{ dB} = 0.173 \text{ W/kg} = -7.62 \text{ dBW/kg}$

#11_LTE Band 25_20M_QPSK_1_0_Left Cheek_Ch26140

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

Medium: HSL_1900_180328 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.405$ S/m; $\epsilon_r = 41.255$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.73, 8.73, 8.73); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.971 W/kg

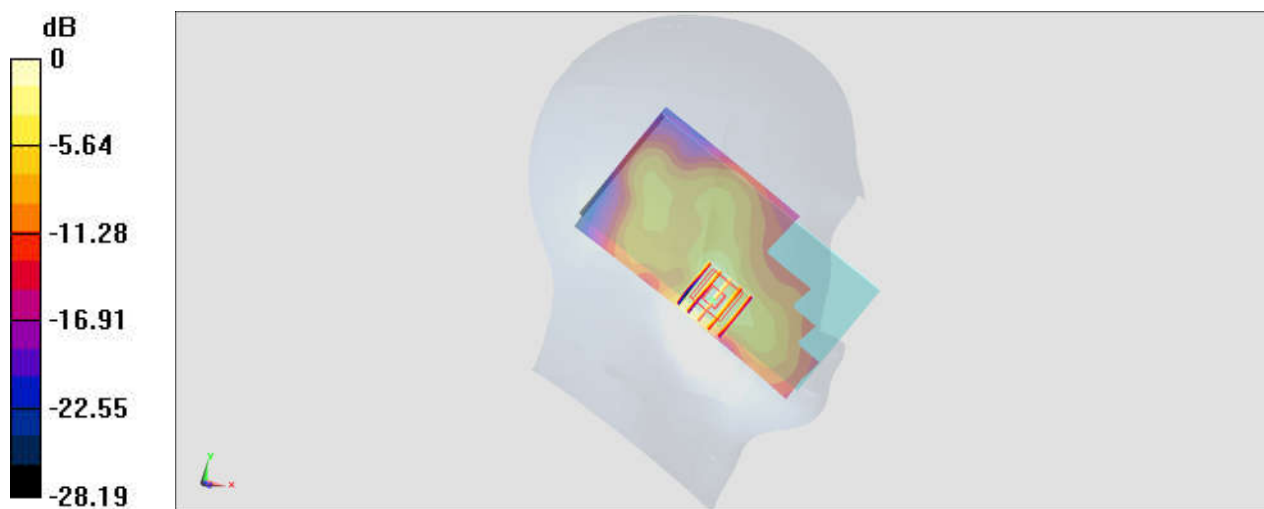
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.85 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.365 W/kg

Maximum value of SAR (measured) = 0.972 W/kg



0 dB = 0.972 W/kg = -0.12 dBW/kg

#12_LTE Band 26_15M_QPSK_1_0_Right Cheek_Ch26865

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

Medium: HSL_850_180320 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.884$ S/m; $\epsilon_r = 42.913$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.18, 6.18, 6.18); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

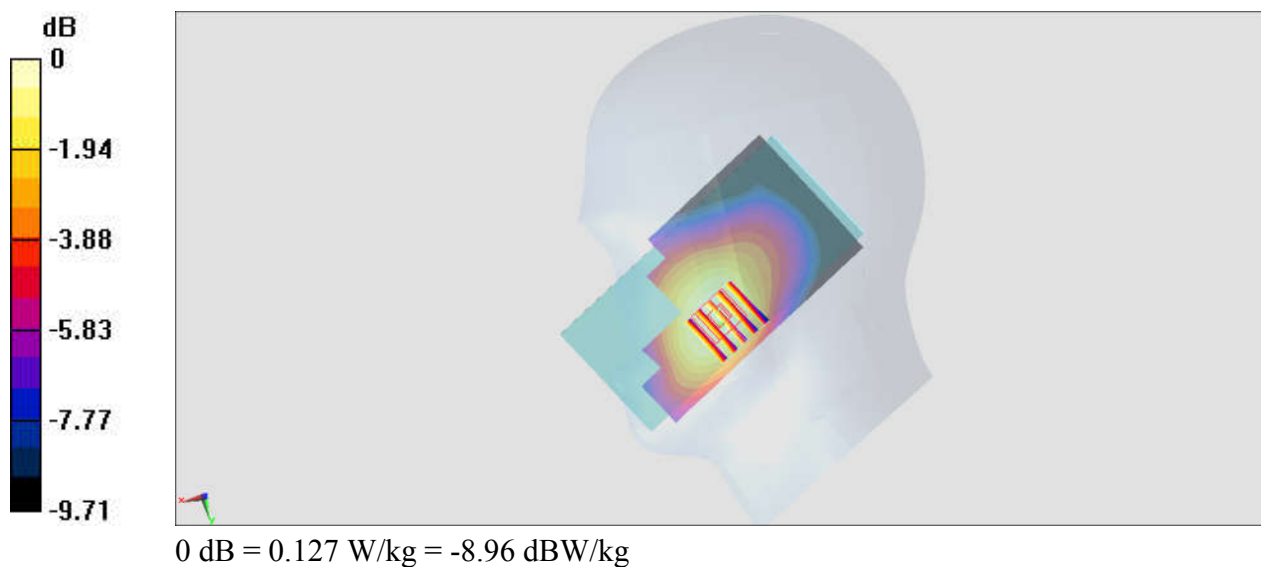
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.297 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.127 W/kg



#13_LTE Band 66_20M_QPSK_1_0_Left Cheek_Ch132572

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

Medium: HSL_1750_180323 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 41.248$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.8, 8.8, 8.8); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.976 W/kg

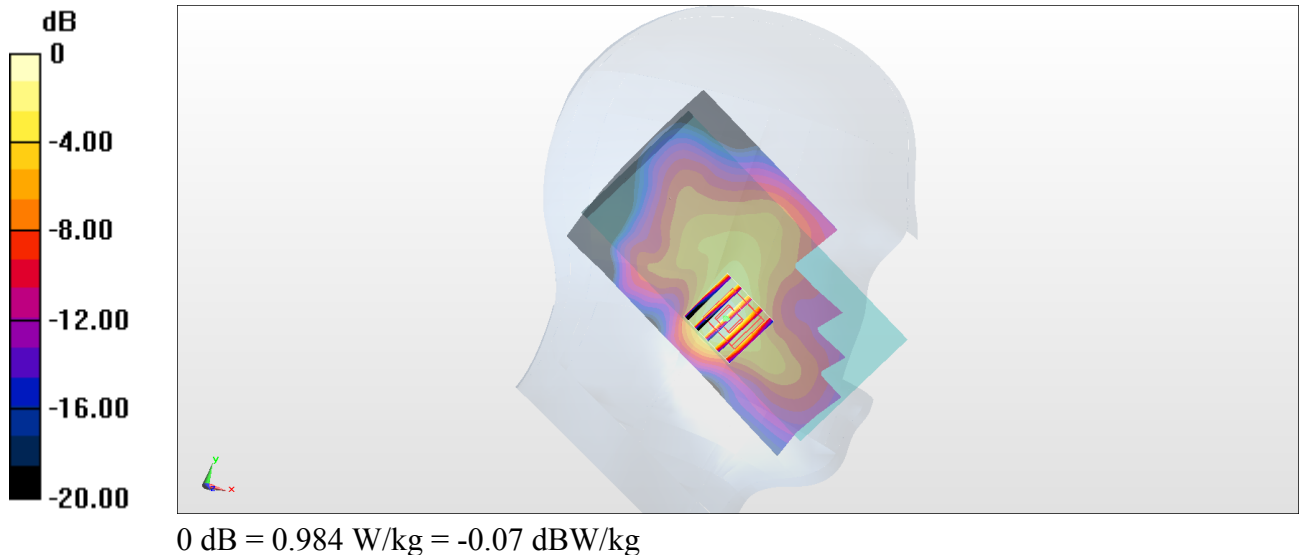
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.99 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.379 W/kg

Maximum value of SAR (measured) = 0.984 W/kg



#14_Bluetooth_1Mbps_Left Cheek_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450_180323 Medium parameters used : $f = 2441$ MHz; $\sigma = 1.742$ S/m; $\epsilon_r = 38.699$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.62, 7.62, 7.62); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.251 W/kg

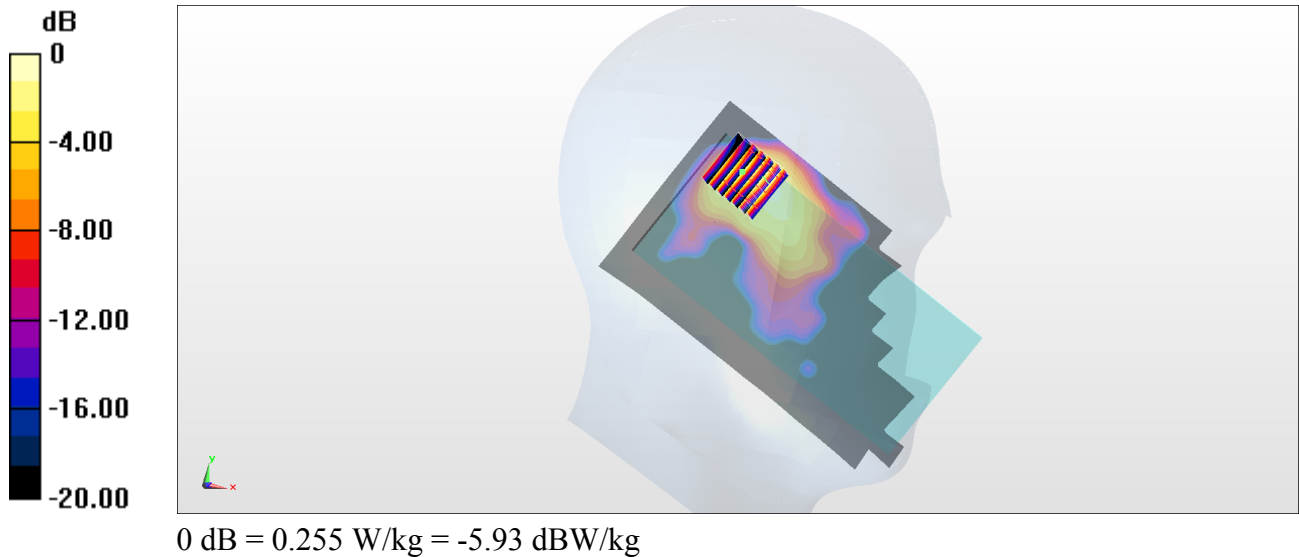
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.798 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.313 W/kg

SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.255 W/kg



#15_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch6

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.010

Medium: HSL_2450_180328 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.816$ S/m; $\epsilon_r = 39.11$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.85, 7.85, 7.85); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

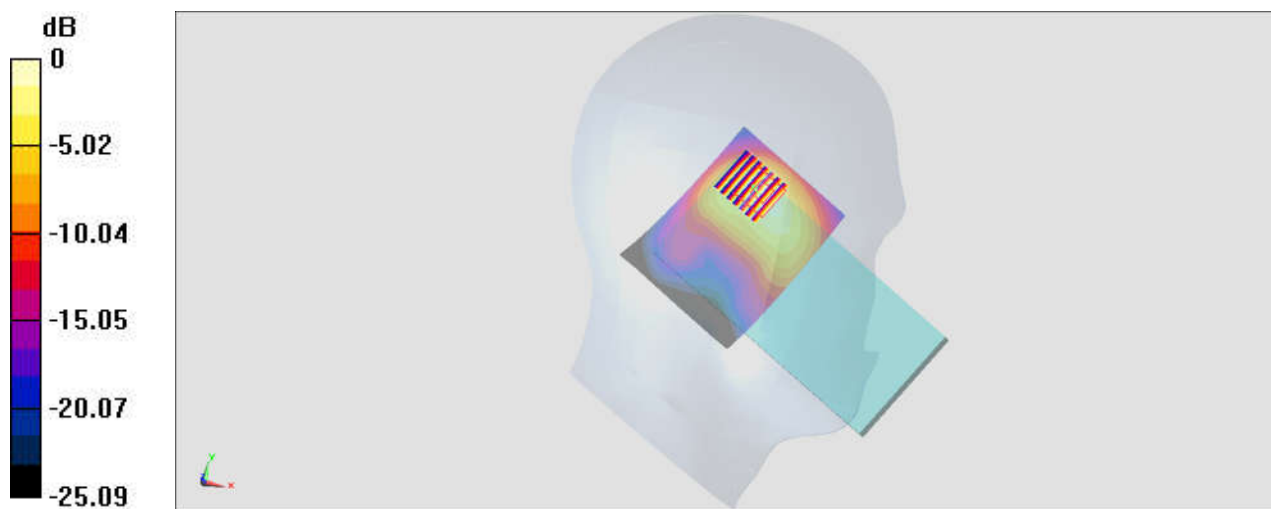
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.77 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.47 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.530 W/kg

Maximum value of SAR (measured) = 1.87 W/kg



0 dB = 1.87 W/kg = 2.72 dBW/kg

#16_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch56

Communication System: 802.11a ; Frequency: 5280 MHz;Duty Cycle: 1:1.054

Medium: HSL_5G_180405 Medium parameters used: $f = 5280$ MHz; $\sigma = 4.656$ S/m; $\epsilon_r = 36.658$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.36, 5.36, 5.36); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.80 W/kg

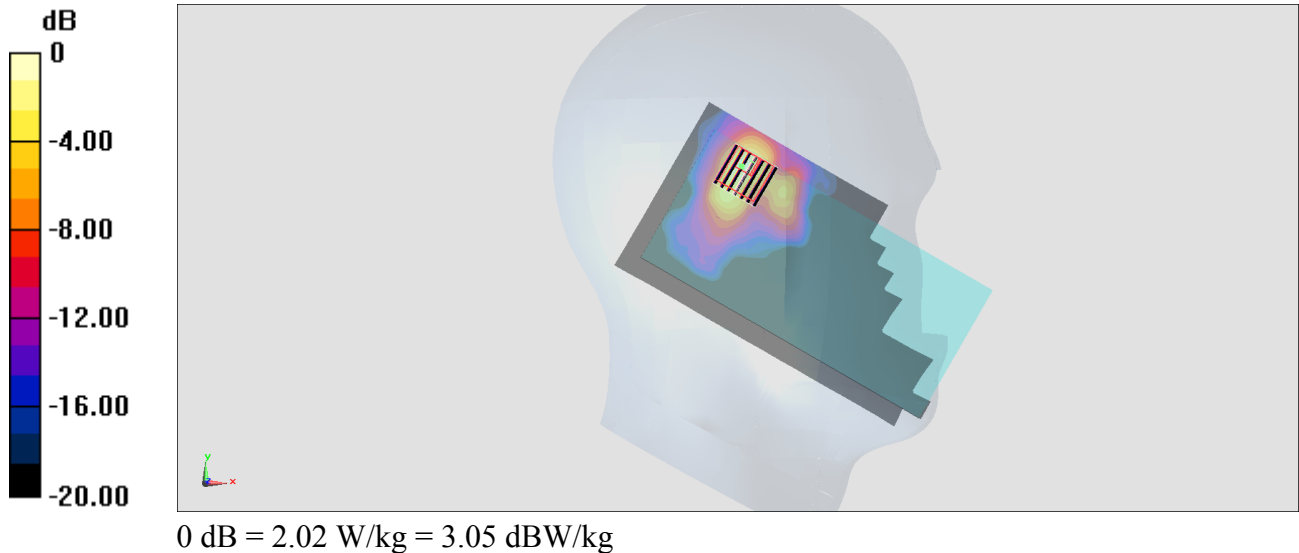
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 17.85 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.60 W/kg

SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.229 W/kg

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



#17_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch116

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.052

Medium: HSL_5G_180316 Medium parameters used: $f = 5580$ MHz; $\sigma = 4.965$ S/m; $\epsilon_r = 36.246$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.17 W/kg

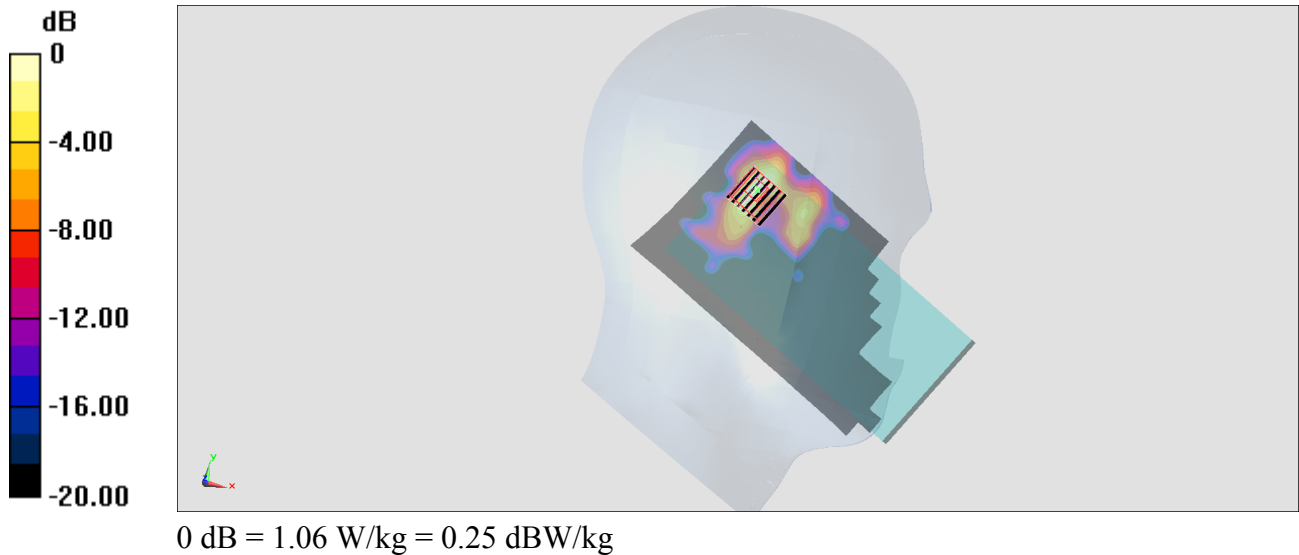
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 11.18 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.414 W/kg; SAR(10 g) = 0.116 W/kg

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



#18_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch149

Communication System: 802.11a ; Frequency: 5745 MHz;Duty Cycle: 1:1.054

Medium: HSL_5G_180316 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.135$ S/m; $\epsilon_r = 36.013$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.87, 4.87, 4.87); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.32 W/kg

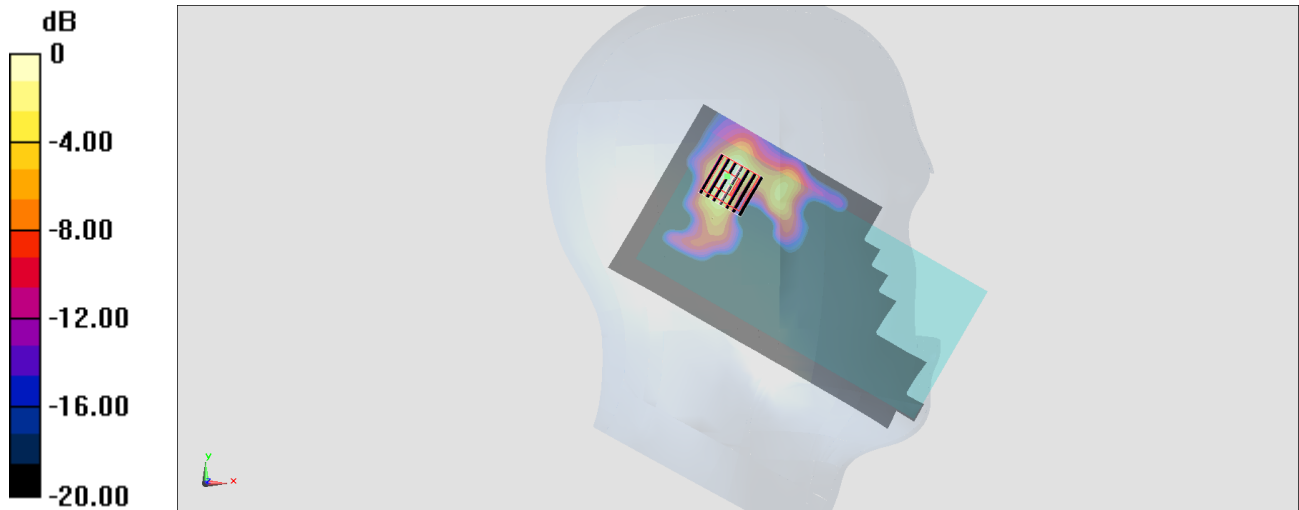
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.09 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.150 W/kg

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



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

#19_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: MSL_850_180320 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.954$ S/m; $\epsilon_r = 56.908$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.09, 10.09, 10.09); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.975 W/kg

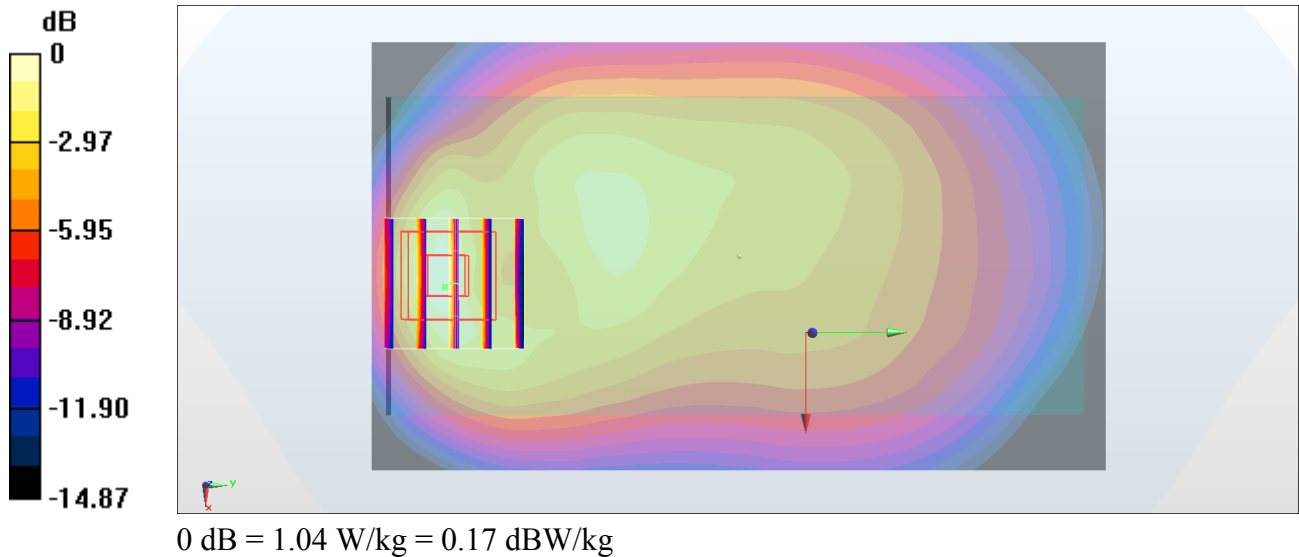
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.33 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.396 W/kg

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



#20_GSM1900_GPRS (4 Tx slots)_Back_10mm_Ch810

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

Medium: MSL_1900_180326 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ S/m; $\epsilon_r = 51.604$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.12, 8.12, 8.12); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

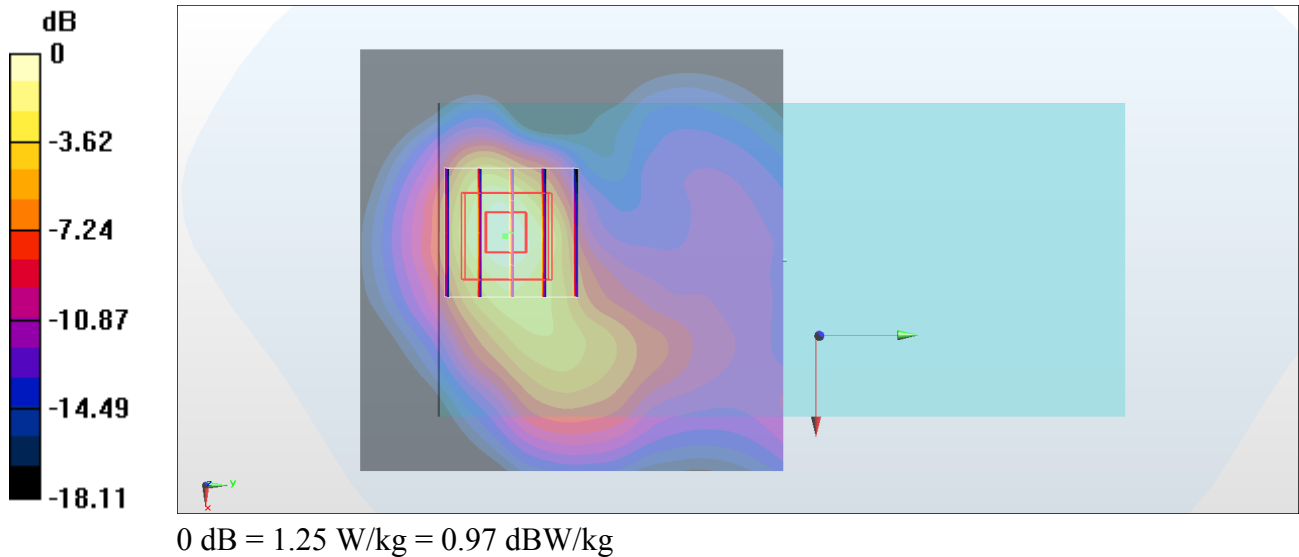
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.133 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.420 W/kg

Maximum value of SAR (measured) = 1.25 W/kg



#21_WCDMA II_RMC 12.2Kbps_Back_10mm_Ch9538

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

Medium: MSL_1900_180326 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.557$ S/m; $\epsilon_r = 51.612$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.12, 8.12, 8.12); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.43 W/kg

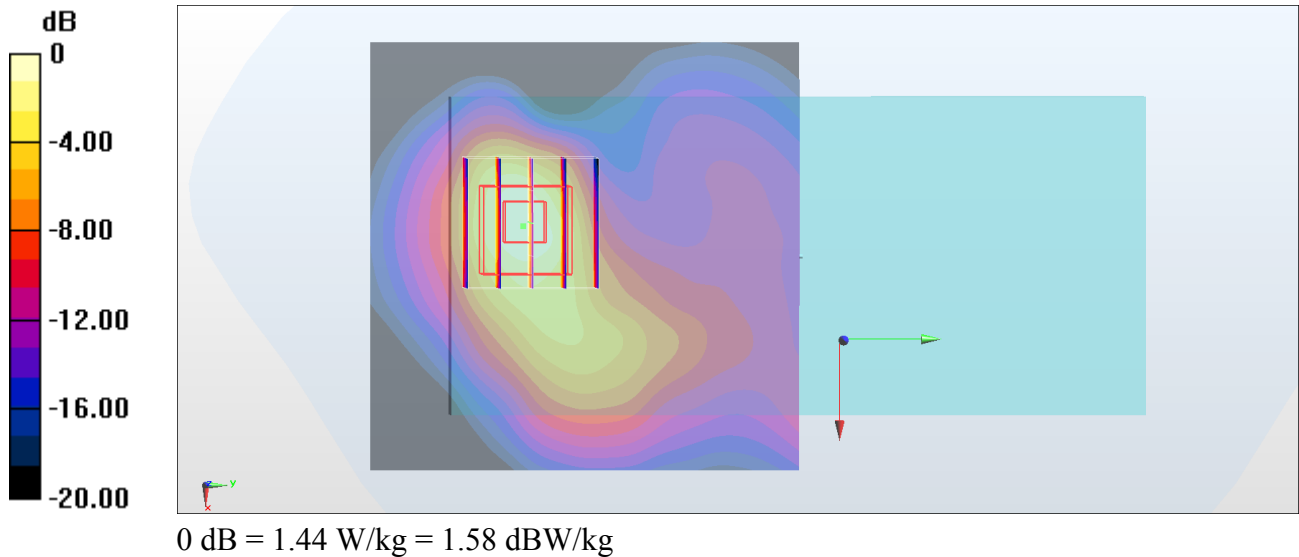
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.23 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.948 W/kg; SAR(10 g) = 0.485 W/kg

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



#22_WCDMA IV_RMC 12.2Kbps_Back_10mm_Ch1312

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

Medium: MSL_1750_180322 Medium parameters used : $f = 1712.4$ MHz; $\sigma = 1.445$ S/m; $\epsilon_r = 54.911$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.43, 8.43, 8.43); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

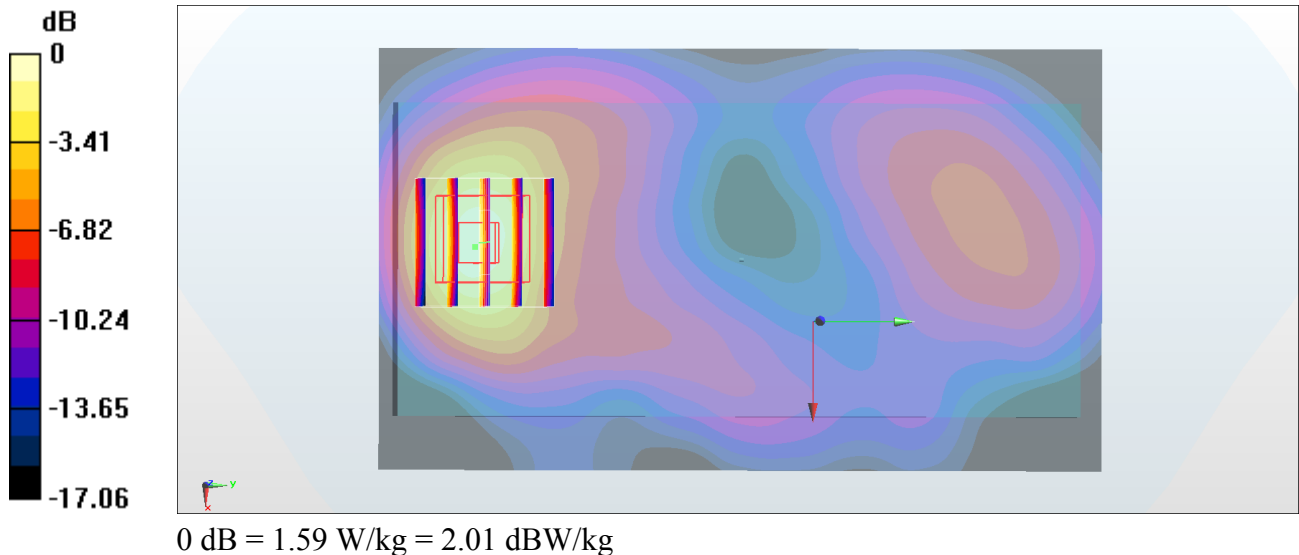
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.429 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.624 W/kg

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



#23_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4233

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

Medium: MSL_850_180318 Medium parameters used: $f = 847$ MHz; $\sigma = 0.989$ S/m; $\epsilon_r = 55.781$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.09, 6.09, 6.09); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.997 W/kg

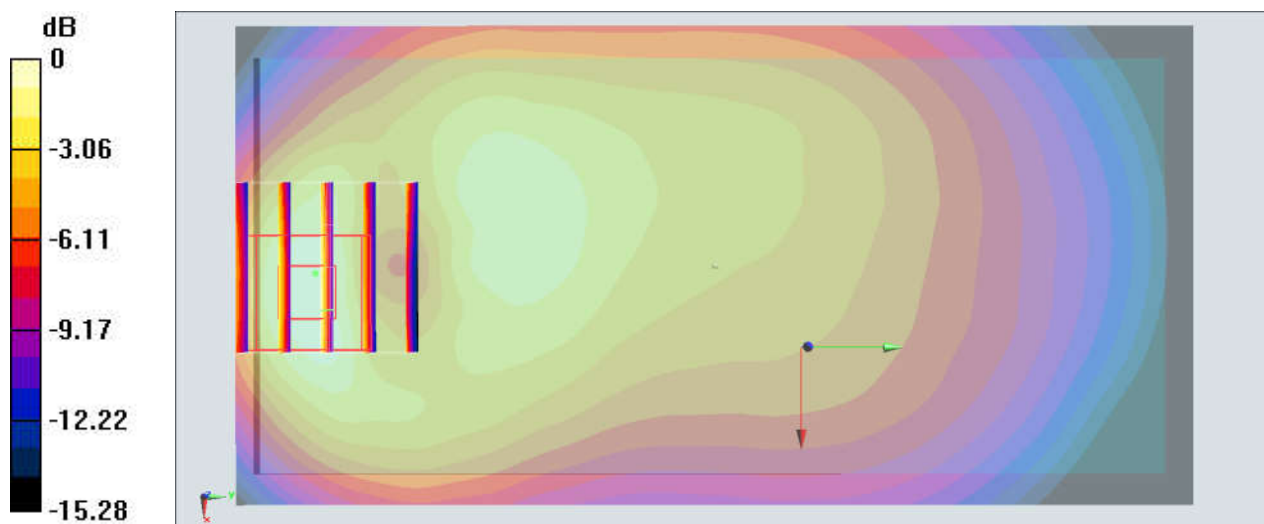
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.27 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.464 W/kg

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



0 dB = 1.02 W/kg = 0.09 dBW/kg

#24_LTE Band 4_20M_QPSK_1_0_Back_10mm_Ch20175

Communication System: LTE ; Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium: MSL1750_180320 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.449$ S/m; $\epsilon_r = 55.773$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5, 5, 5); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

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

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

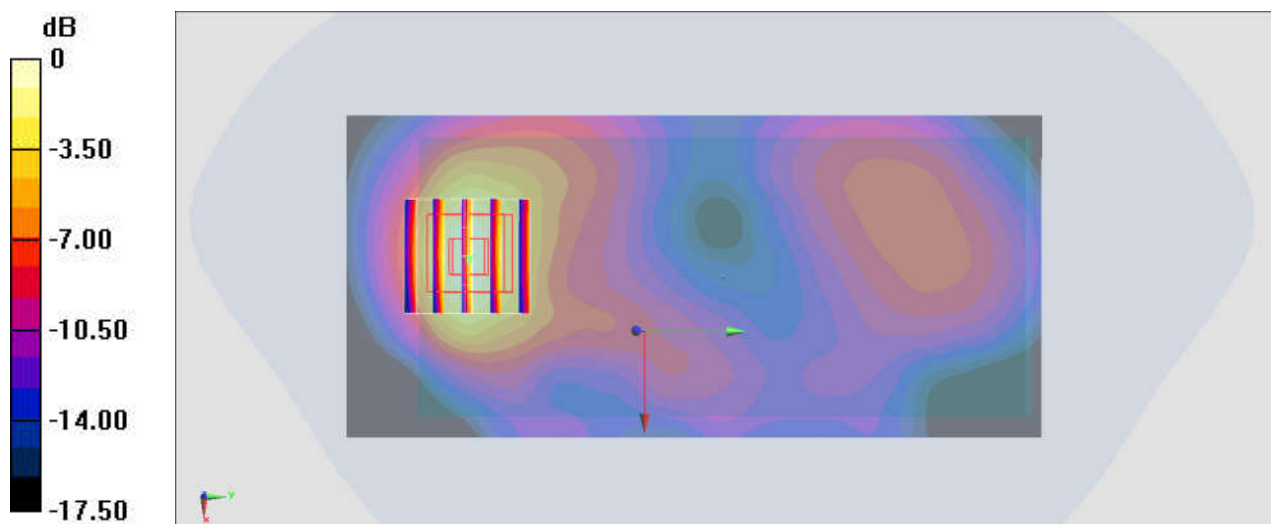
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.133 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.612 W/kg

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



0 dB = 1.36 W/kg = 1.34 dBW/kg

#25_LTE Band 5_10M_QPSK_1_0_Back_10mm_Ch20525

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

Medium: MSL_850_180318 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.979$ S/m; $\epsilon_r = 55.883$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.09, 6.09, 6.09); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.694 W/kg

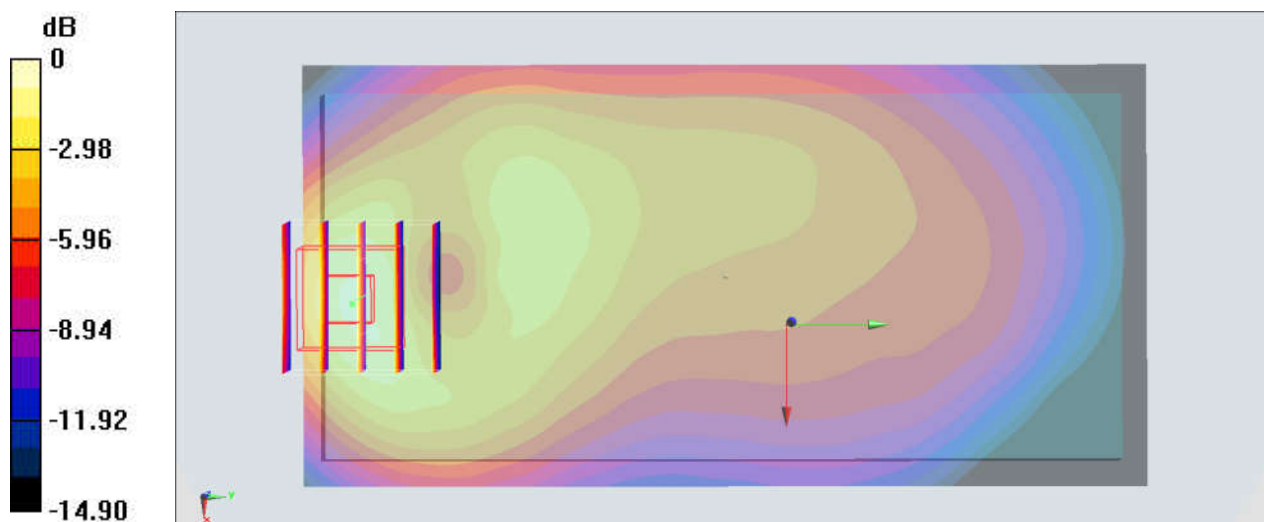
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.49 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.670 W/kg; SAR(10 g) = 0.378 W/kg

Maximum value of SAR (measured) = 0.833 W/kg



0 dB = 0.833 W/kg = -0.79 dBW/kg

#26_LTE Band 7_20M_QPSK_1_49_Bottom Side_10mm_Ch21350

Communication System: LTE ; Frequency: 2560 MHz;Duty Cycle: 1:1

Medium: MSL_2600_180322 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.166$ S/m; $\epsilon_r = 52.843$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.45, 7.45, 7.45); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.87 W/kg

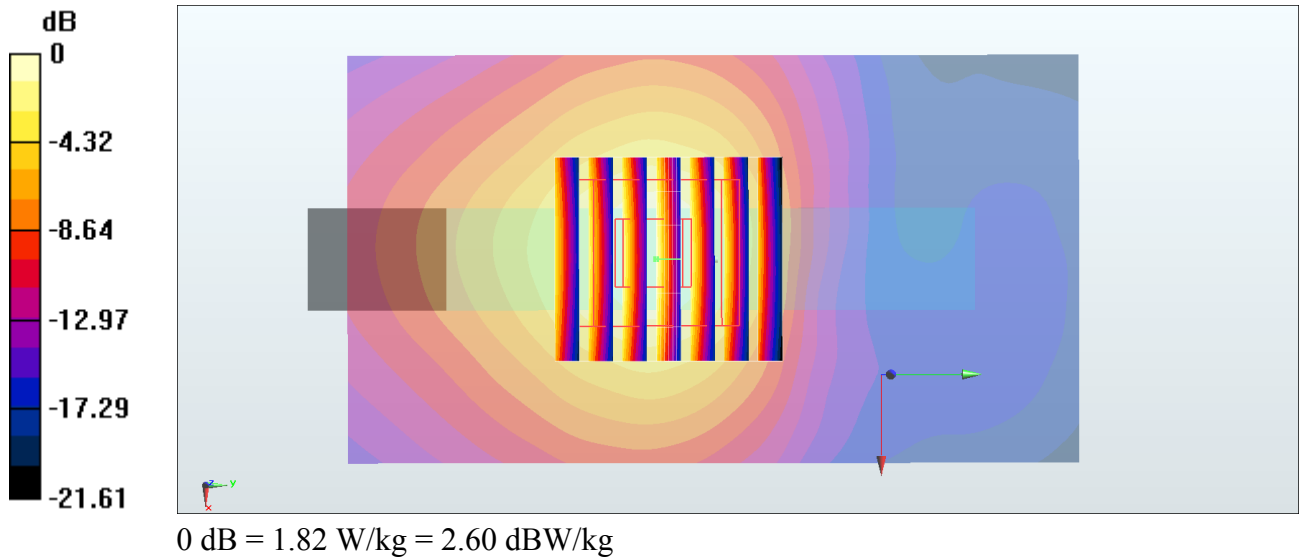
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.37 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.557 W/kg

Maximum value of SAR (measured) = 1.82 W/kg



#27_LTE Band 12_10M_QPSK_25_0_Back_10mm_Ch23095

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

Medium: MSL_750_180318 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 54.755$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.31, 6.31, 6.31); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.423 W/kg

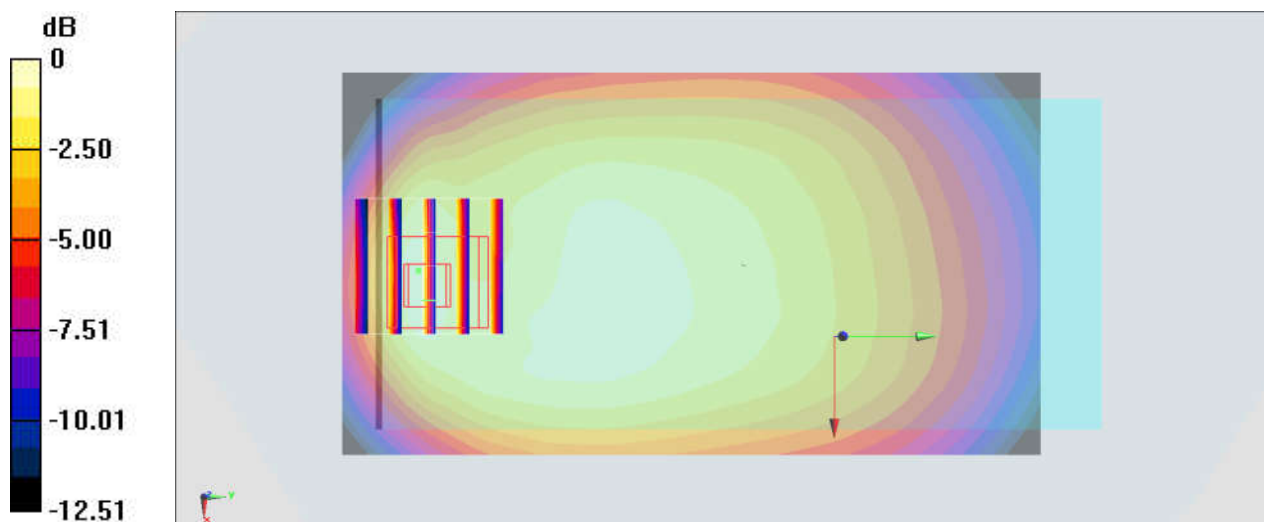
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.82 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.600 W/kg

SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.216 W/kg

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



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

#28_LTE Band 13_10M_QPSK_1_0_Back_10mm_Ch23230

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

Medium: MSL_750_180318 Medium parameters used: $f = 782$ MHz; $\sigma = 1.006$ S/m; $\epsilon_r = 54.048$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.31, 6.31, 6.31); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.516 W/kg

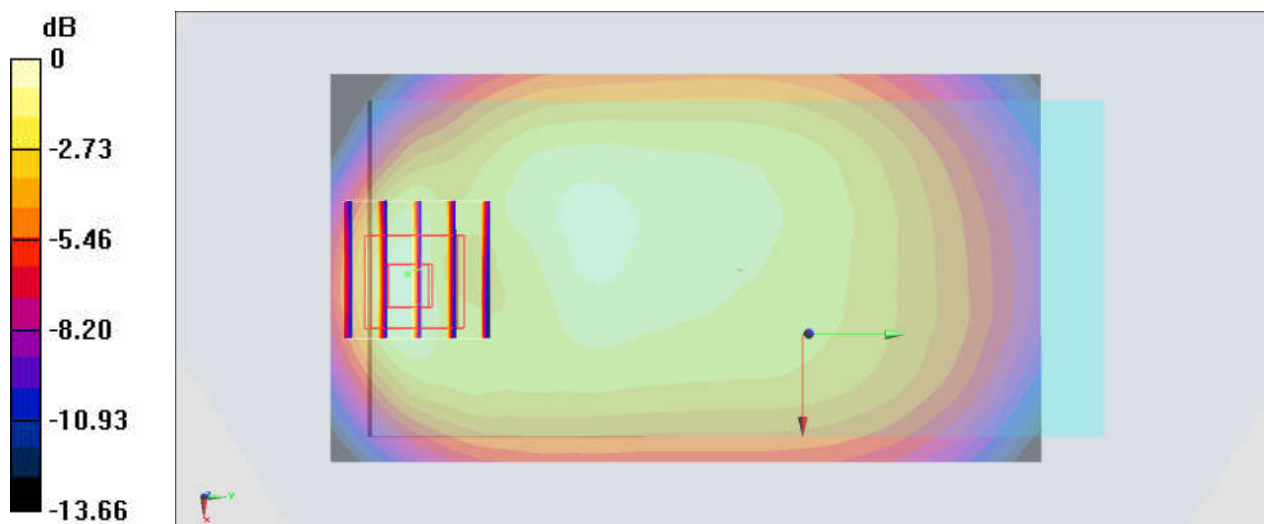
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.50 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.746 W/kg

SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.249 W/kg

Maximum value of SAR (measured) = 0.533 W/kg



#29_LTE Band 25_20M_QPSK_1_49_Back_10mm_Ch26590

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

Medium: MSL_1900_180326 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 51.625$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.12, 8.12, 8.12); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

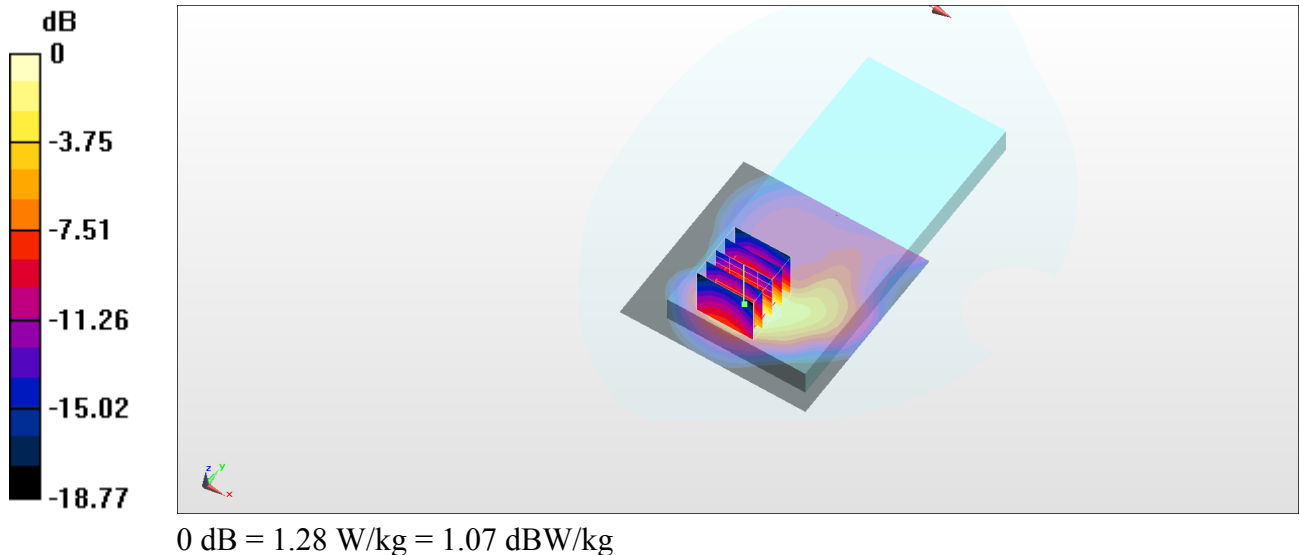
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.659 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.880 W/kg; SAR(10 g) = 0.455 W/kg

Maximum value of SAR (measured) = 1.28 W/kg



#30_LTE Band 26_15M_QPSK_1_0_Back_10mm_Ch26865

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

Medium: MSL_850_180318 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.973$ S/m; $\epsilon_r = 55.916$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.09, 6.09, 6.09); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

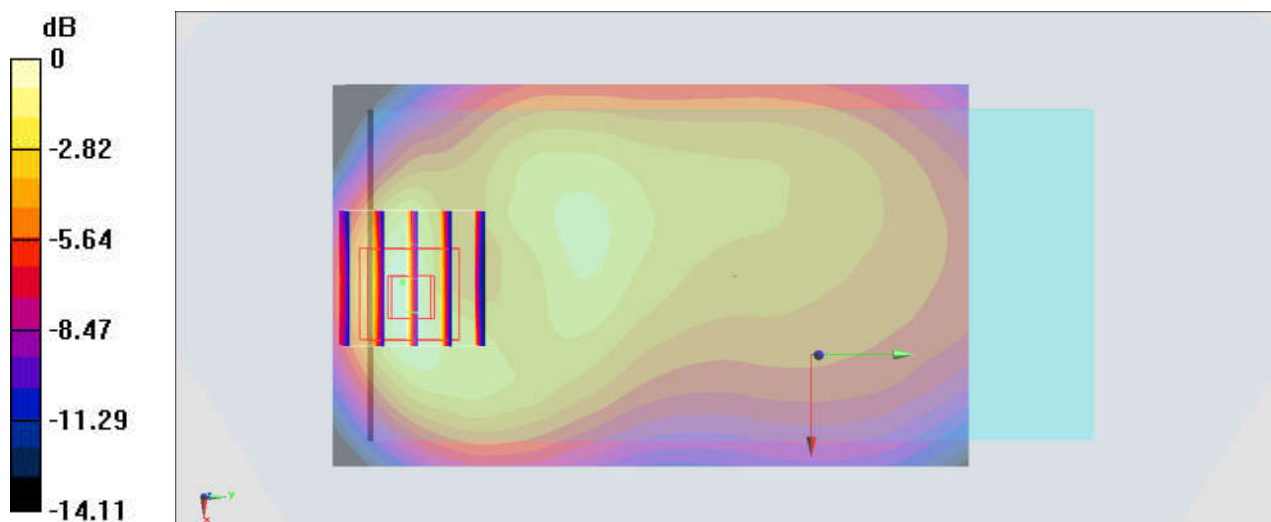
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.34 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.226 W/kg

Maximum value of SAR (measured) = 0.482 W/kg



0 dB = 0.482 W/kg = -3.17 dBW/kg

#31_LTE Band 66_20M_QPSK_1_0_Back_10mm_Ch132072

Communication System: LTE ; Frequency: 1720 MHz;Duty Cycle: 1:1

Medium: MSL1750_180320 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.437$ S/m; $\epsilon_r = 55.817$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5, 5, 5); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

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

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

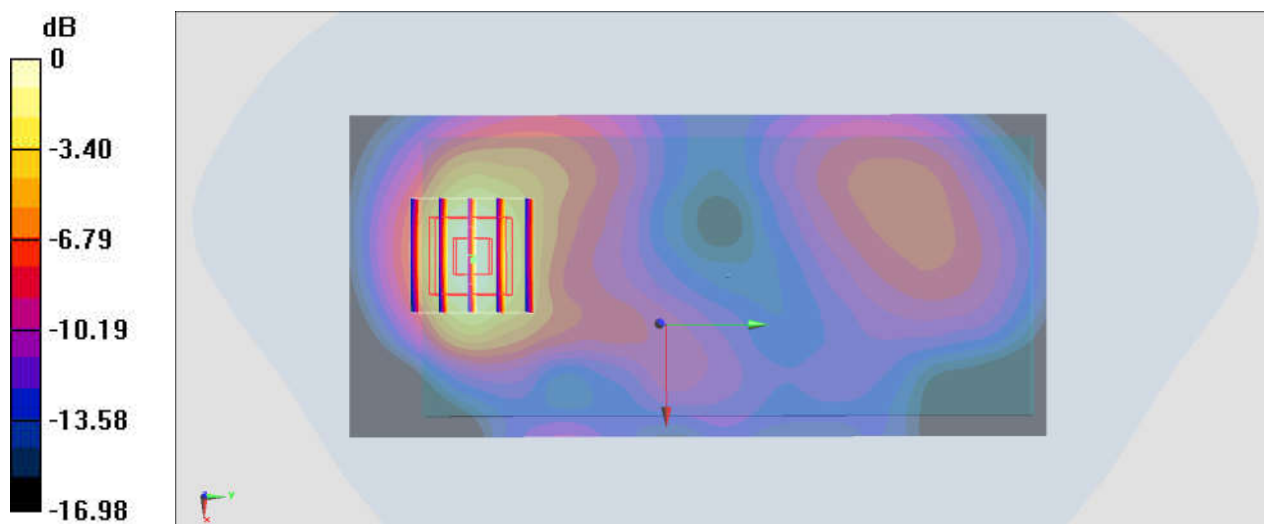
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.784 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.528 W/kg

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



#32_Bluetooth_1Mbps_Right Side_10mm_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.297

Medium: MSL_2450_180324 Medium parameters used : $f = 2441$ MHz; $\sigma = 1.961$ S/m; $\epsilon_r = 51.195$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.69, 7.69, 7.69); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0761 W/kg

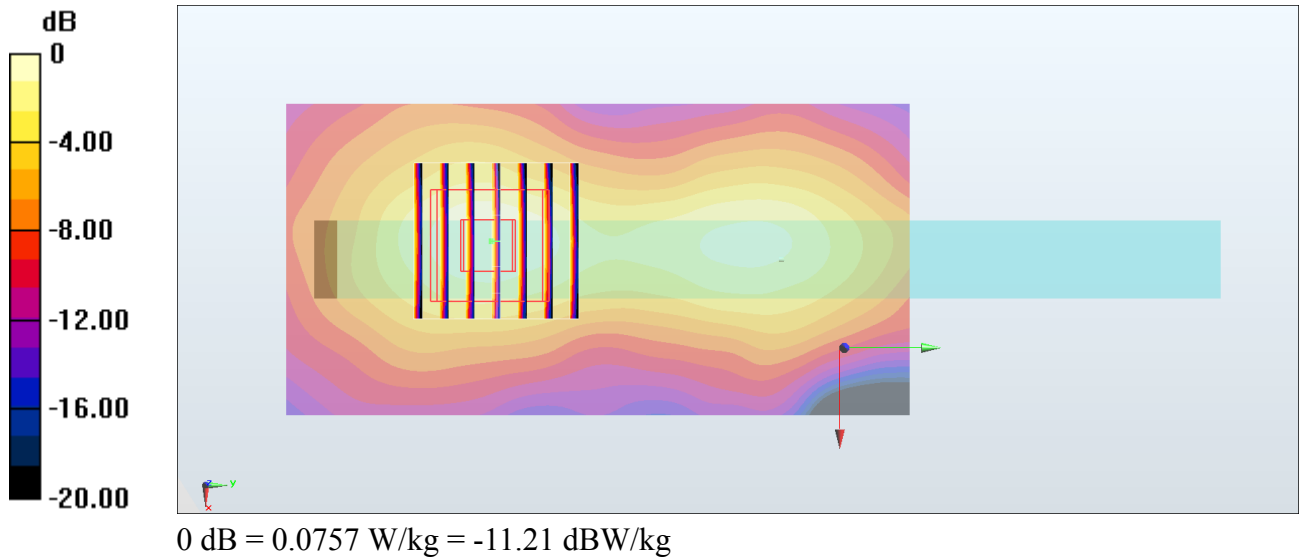
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.725 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.0930 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (measured) = 0.0757 W/kg



#33_WLAN2.4GHz_802.11b 1Mbps_Front_10mm_Ch1

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

Medium: MSL_2450_180328 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.971$ S/m; $\epsilon_r = 54.623$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.94, 7.94, 7.94); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.347 W/kg

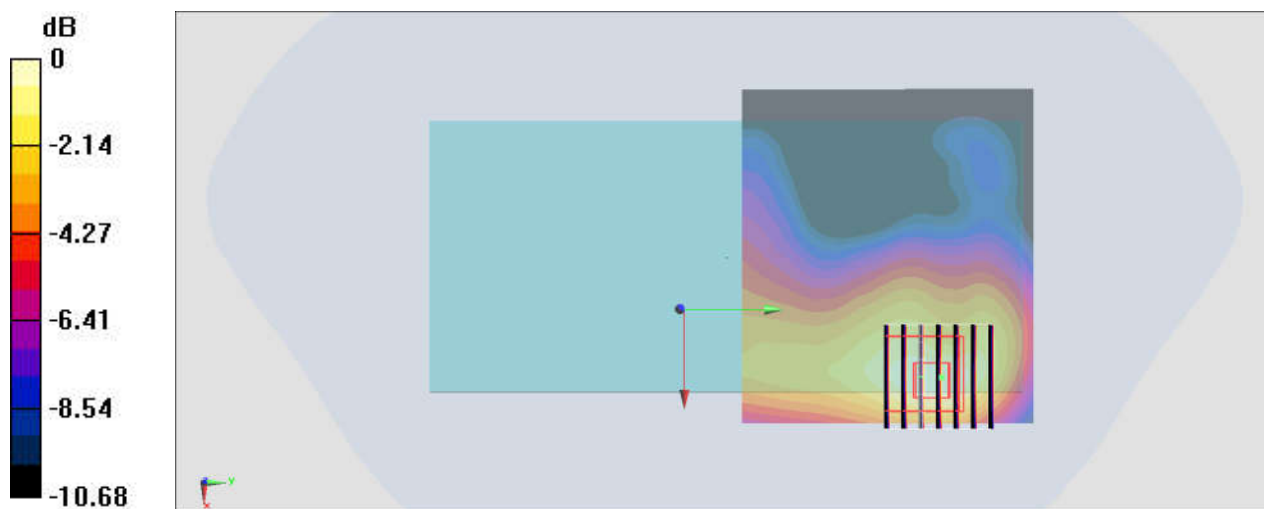
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.553 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.227 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.345 W/kg



0 dB = 0.345 W/kg = -4.62 dBW/kg

#34_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch40

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1.054

Medium: MSL_5G_180405 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.457$ S/m; $\epsilon_r = 47.144$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.59, 4.59, 4.59); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

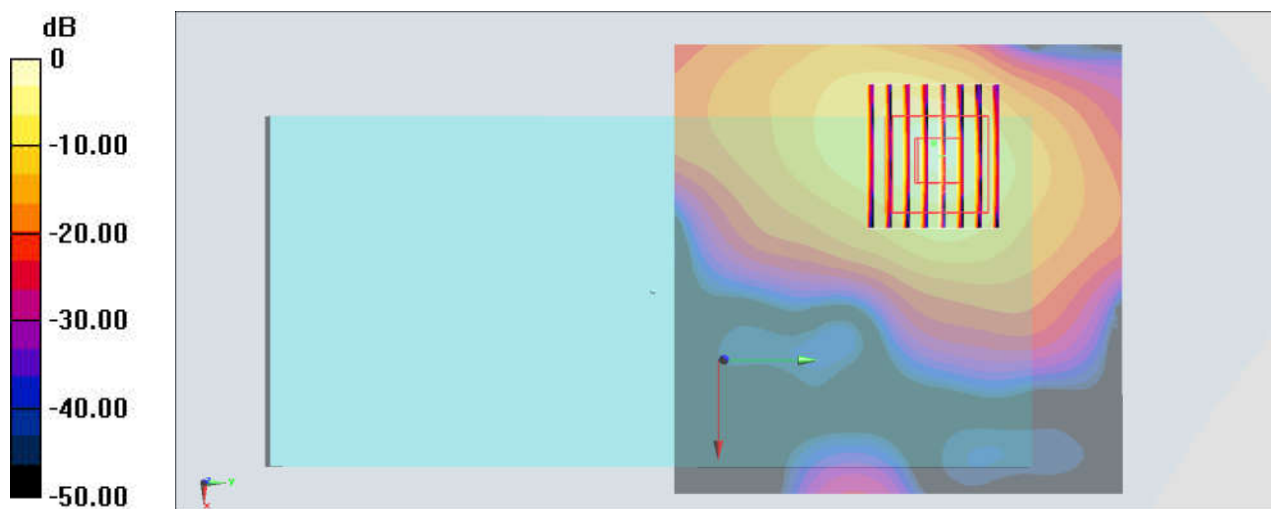
Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.218 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.17 W/kg

SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.236 W/kg

Maximum value of SAR (measured) = 1.93 W/kg



0 dB = 1.93 W/kg = 2.86 dBW/kg

#35_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch165

Communication System: 802.11a ; Frequency: 5825 MHz; Duty Cycle: 1:1.054

Medium: MSL_5G_180329 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.263$ S/m; $\epsilon_r = 45.984$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.14, 4.14, 4.14); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.06 W/kg

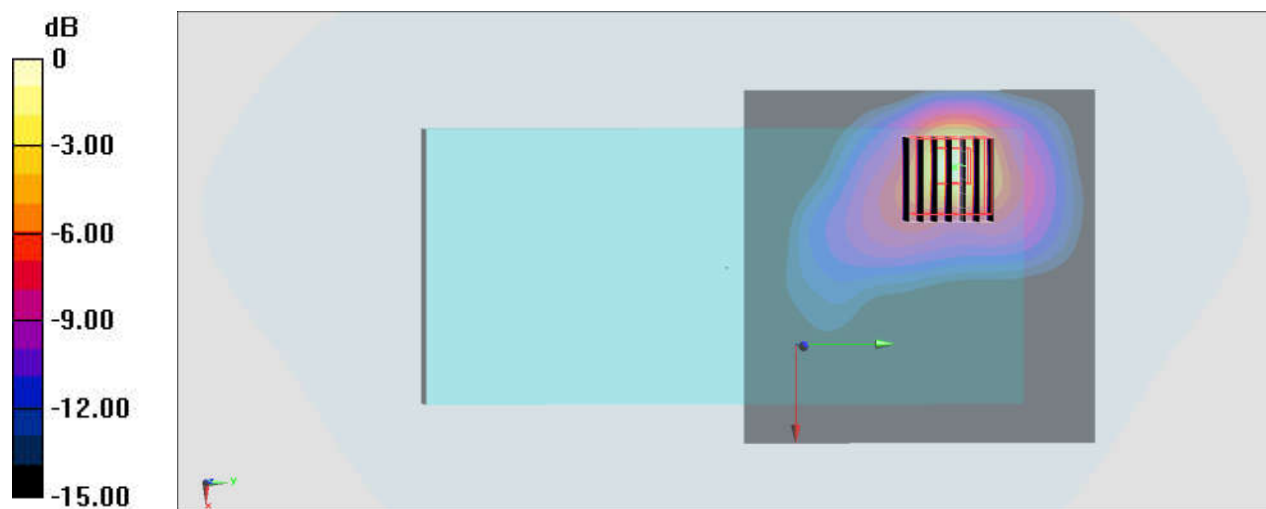
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.242 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 3.51 W/kg

SAR(1 g) = 0.838 W/kg; SAR(10 g) = 0.261 W/kg

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



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

#36_GSM850_GPRS (4 Tx slots)_Back_15mm_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: MSL_850_180320 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.954$ S/m; $\epsilon_r = 56.908$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.09, 10.09, 10.09); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.552 W/kg

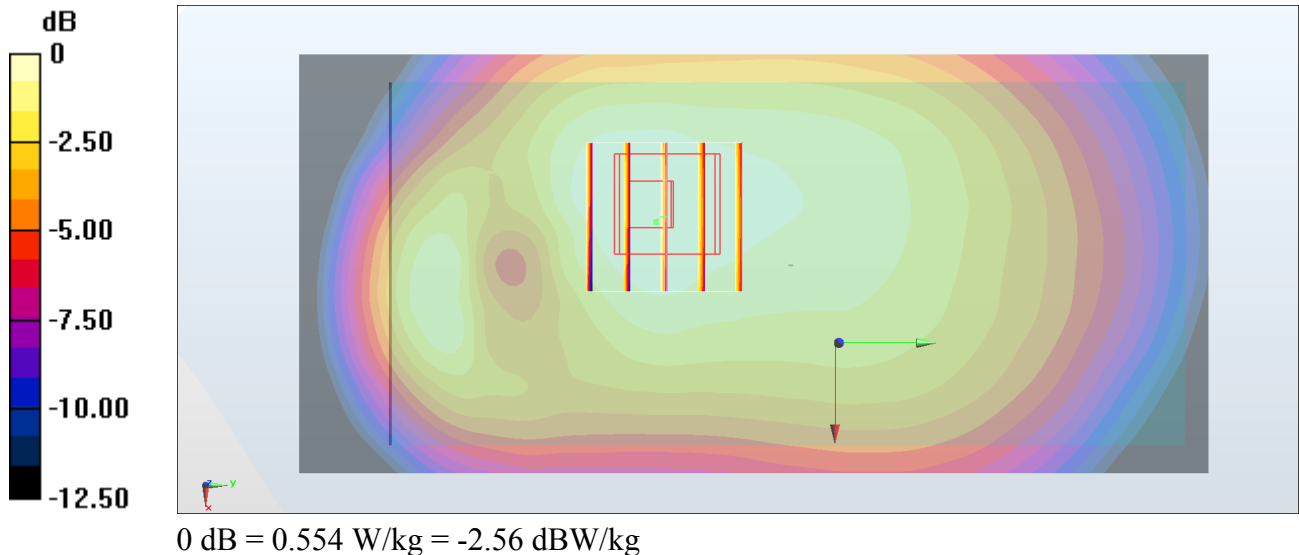
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.93 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.611 W/kg

SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.346 W/kg

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



#37_GSM1900_GPRS (4 Tx slots)_Back_15mm_Ch810

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

Medium: MSL_1900_180326 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ S/m; $\epsilon_r = 51.604$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.12, 8.12, 8.12); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.707 W/kg

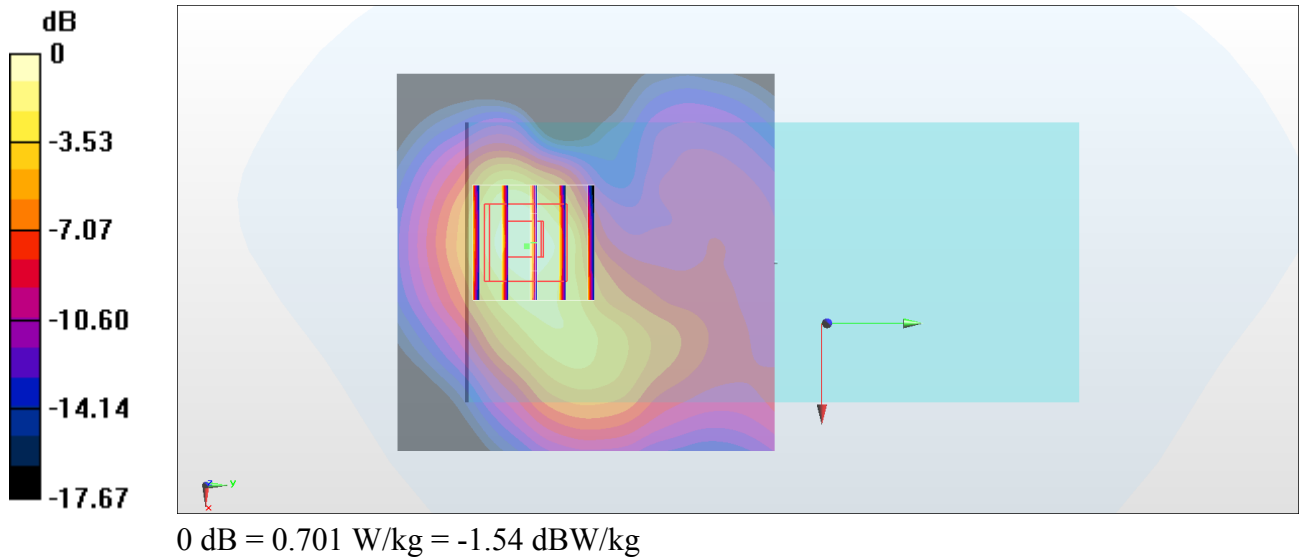
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.775 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.818 W/kg

SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.263 W/kg

Maximum value of SAR (measured) = 0.701 W/kg



#38_WCDMA II_RMC 12.2Kbps_Back_15mm_Ch9538

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

Medium: MSL_1900_180326 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.557$ S/m; $\epsilon_r = 51.612$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.12, 8.12, 8.12); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

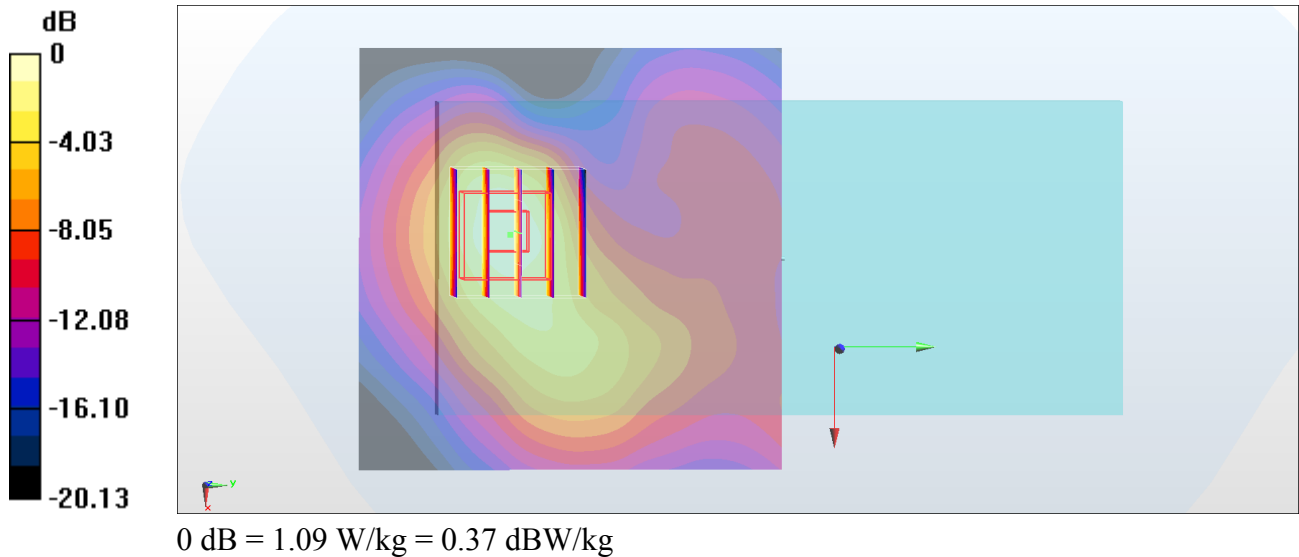
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.64 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.413 W/kg

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



#39_WCDMA IV_RMC 12.2Kbps_Back_15mm_Ch1312

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

Medium: MSL_1750_180322 Medium parameters used : $f = 1712.4$ MHz; $\sigma = 1.445$ S/m; $\epsilon_r = 54.911$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.43, 8.43, 8.43); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.763 W/kg

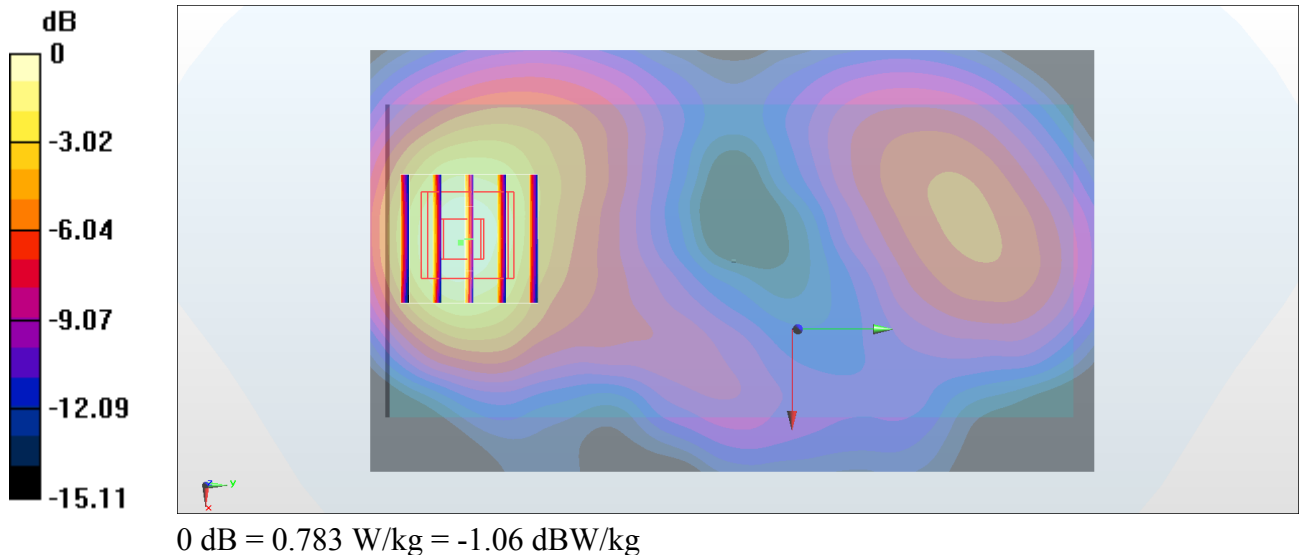
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.835 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.894 W/kg

SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.339 W/kg

Maximum value of SAR (measured) = 0.783 W/kg



#40_WCDMA V_RMC 12.2Kbps_Back_15mm_Ch4132

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

Medium: MSL_850_180318 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.969$ S/m; $\epsilon_r = 55.971$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.09, 6.09, 6.09); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.546 W/kg

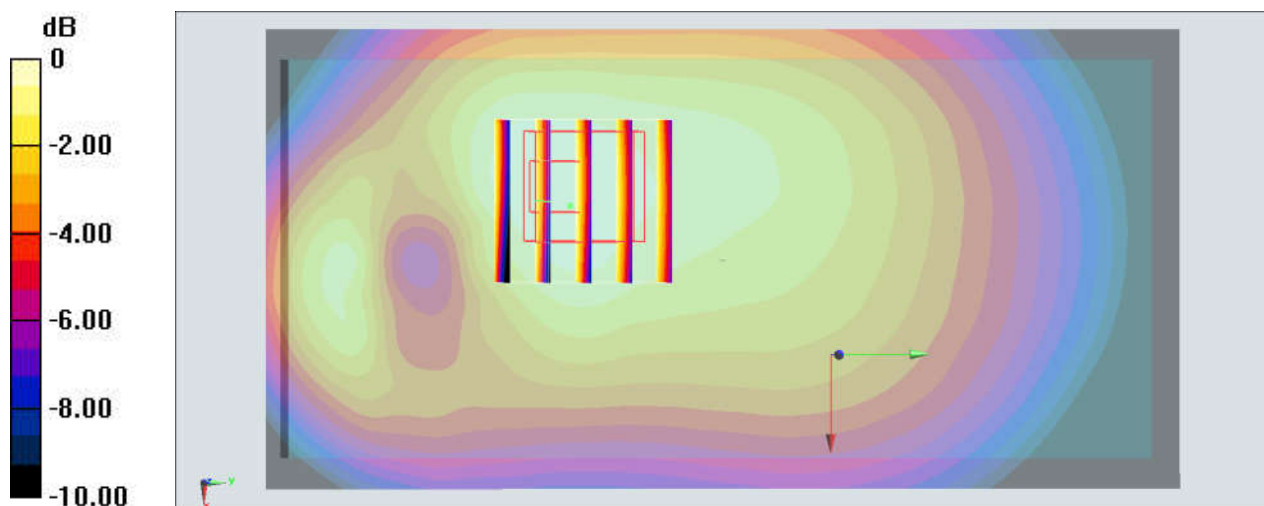
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.74 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.636 W/kg

SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.371 W/kg

Maximum value of SAR (measured) = 0.544 W/kg



0 dB = 0.544 W/kg = -2.64 dBW/kg

#41_LTE Band 4_20M_QPSK_1_0_Back_15mm_Ch20175

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL1750_180320 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.449$ S/m; $\epsilon_r = 55.773$;
 $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5, 5, 5); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.648 W/kg

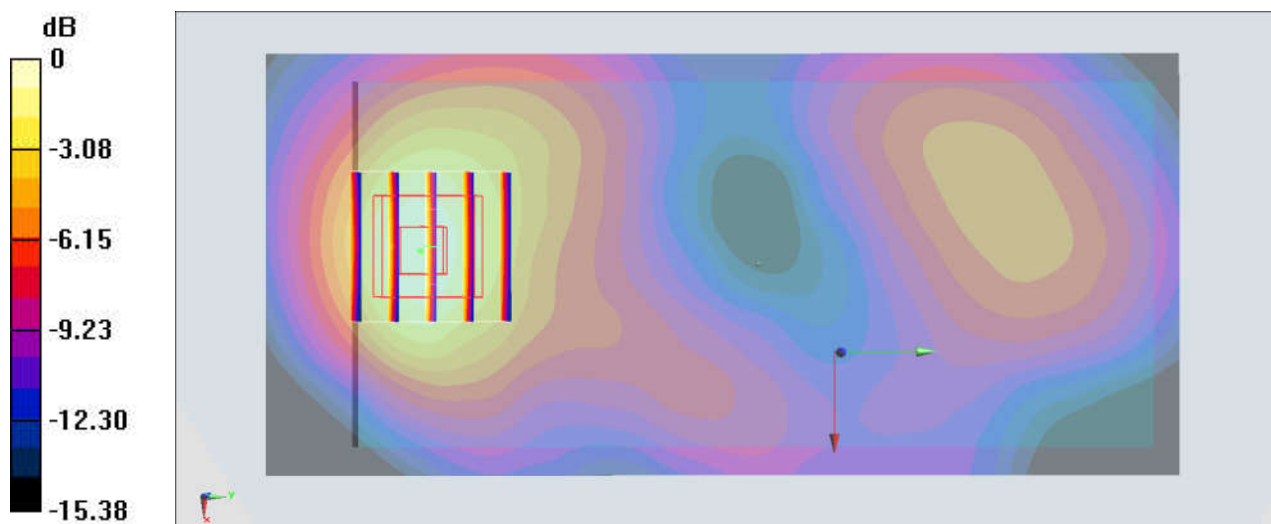
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.095 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.839 W/kg

SAR(1 g) = 0.529 W/kg; SAR(10 g) = 0.313 W/kg

Maximum value of SAR (measured) = 0.635 W/kg



0 dB = 0.635 W/kg = -1.97 dBW/kg

#42_LTE Band 5_10M_QPSK_1_0_Back_15mm_Ch20525

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

Medium: MSL_850_180318 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.979$ S/m; $\epsilon_r = 55.883$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.09, 6.09, 6.09); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.377 W/kg

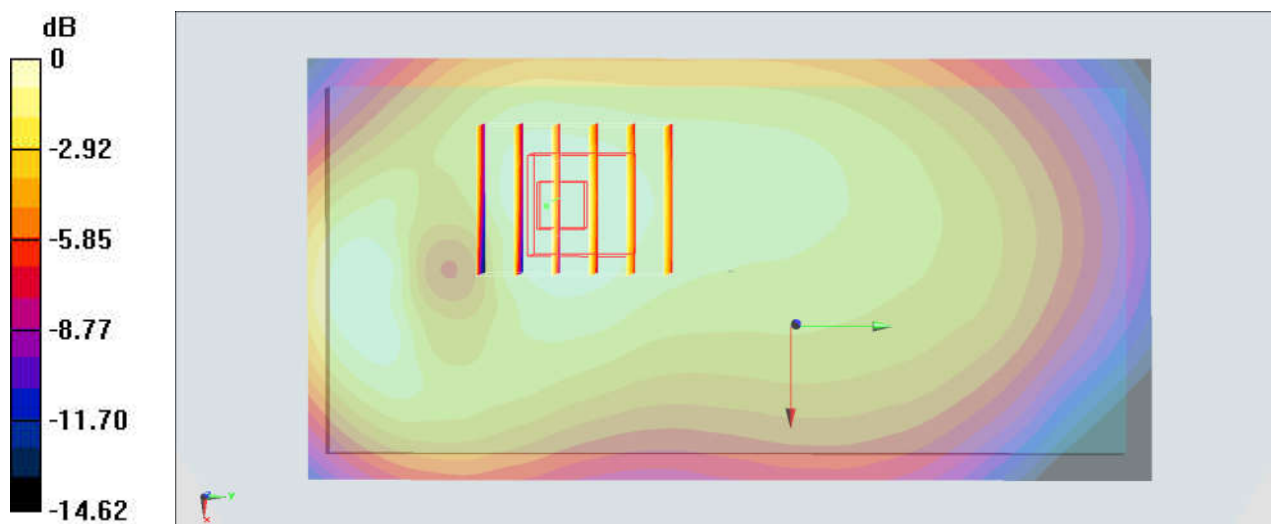
Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.11 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.246 W/kg

Maximum value of SAR (measured) = 0.371 W/kg



0 dB = 0.371 W/kg = -4.31 dBW/kg

#43_LTE Band 7_20M_QPSK_1_49_Front_15mm_Ch21350

Communication System: LTE ; Frequency: 2560 MHz;Duty Cycle: 1:1

Medium: MSL_2600_180322 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.166$ S/m; $\epsilon_r = 52.843$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.45, 7.45, 7.45); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.680 W/kg

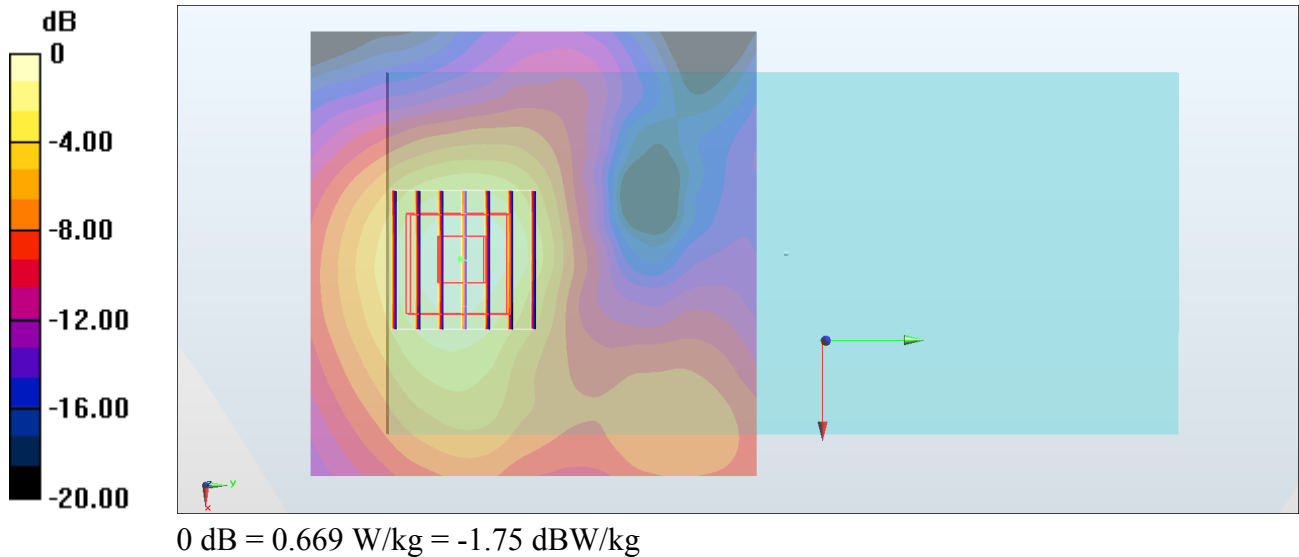
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.490 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.826 W/kg

SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.669 W/kg



#44_LTE Band 12_10M_QPSK_1_0_Back_15mm_Ch23095

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

Medium: MSL_750_180319 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 54.554$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.31, 6.31, 6.31); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.314 W/kg

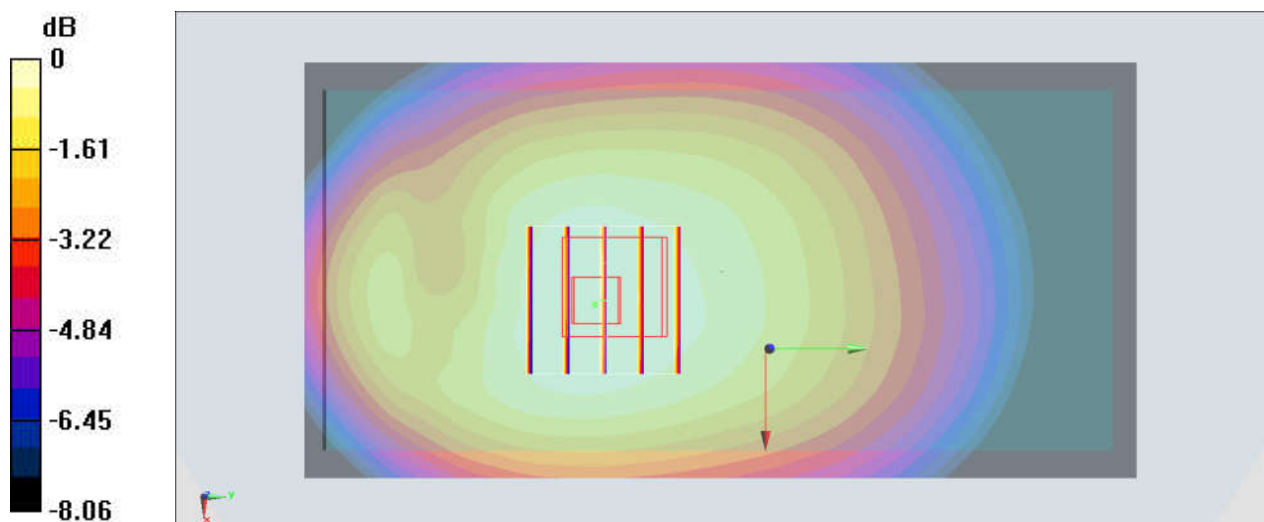
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.40 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.228 W/kg

Maximum value of SAR (measured) = 0.311 W/kg



0 dB = 0.311 W/kg = -5.07 dBW/kg

#45_LTE Band 13_10M_QPSK_1_0_Back_15mm_Ch23230

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

Medium: MSL_750_180319 Medium parameters used: $f = 782$ MHz; $\sigma = 0.994$ S/m; $\epsilon_r = 53.846$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.31, 6.31, 6.31); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.356 W/kg

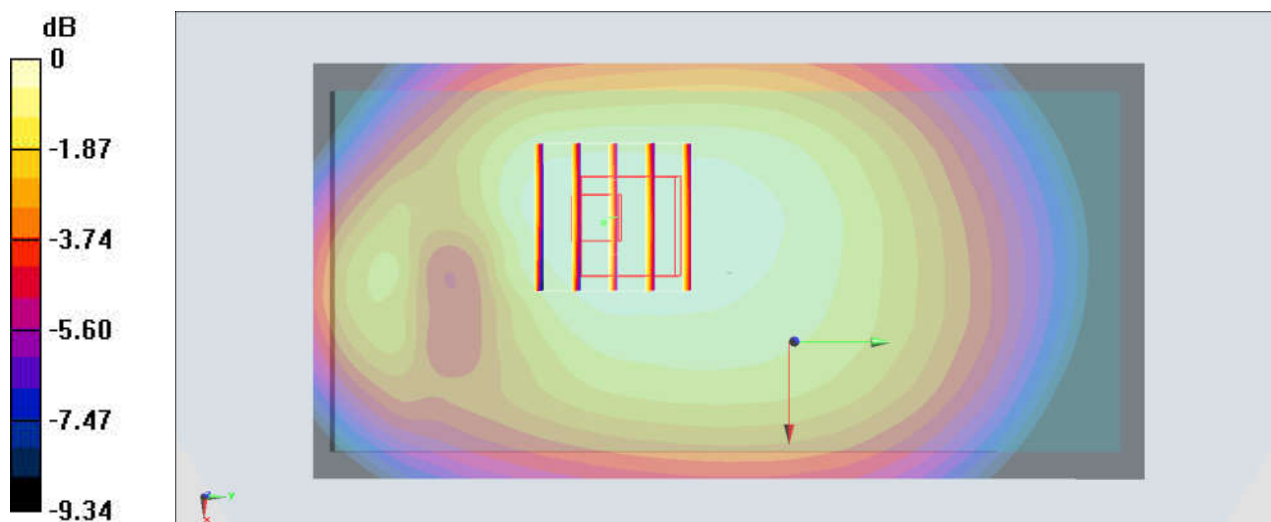
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.36 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.253 W/kg

Maximum value of SAR (measured) = 0.352 W/kg



0 dB = 0.352 W/kg = -4.53 dBW/kg

#46_LTE Band 25_20M_QPSK_1_0_Back_15mm_Ch26590

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

Medium: MSL_1900_180326 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.555$ S/m; $\epsilon_r = 51.625$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.12, 8.12, 8.12); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

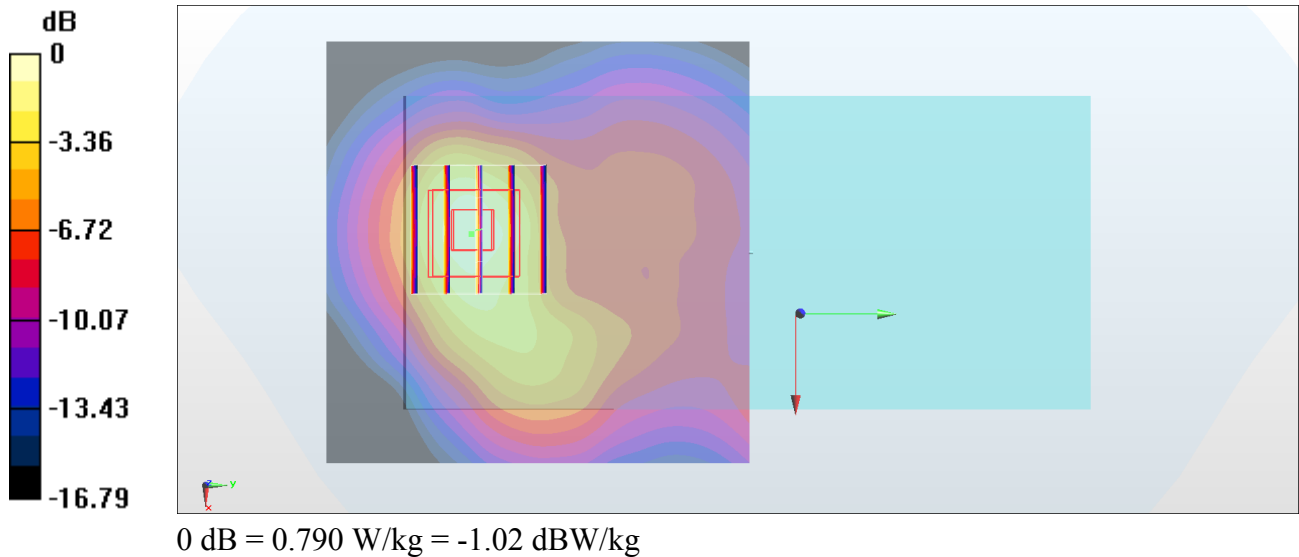
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.94 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.919 W/kg

SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.300 W/kg

Maximum value of SAR (measured) = 0.790 W/kg



#47_LTE Band 26_15M_QPSK_1_0_Back_15mm_Ch26865

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

Medium: MSL_850_180318 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.973$ S/m; $\epsilon_r = 55.916$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.09, 6.09, 6.09); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.233 W/kg

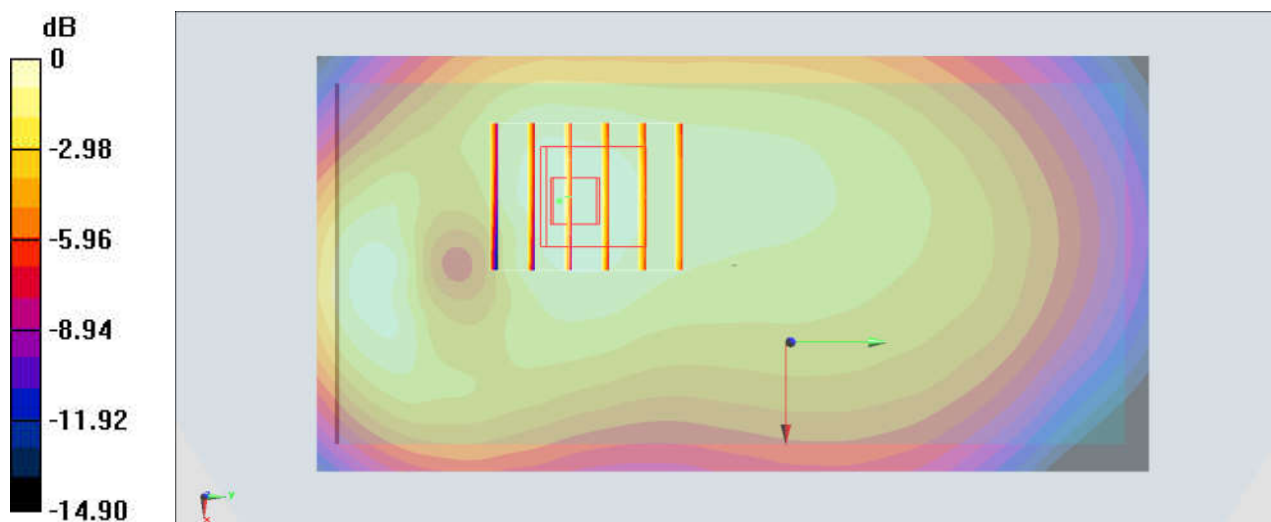
Zoom Scan (5x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.77 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.248 W/kg = -6.06 dBW/kg

#48_LTE Band 66_20M_QPSK_1_0_Back_15mm_Ch132072

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL1750_180320 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.437$ S/m; $\epsilon_r = 55.817$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5, 5, 5); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.578 W/kg

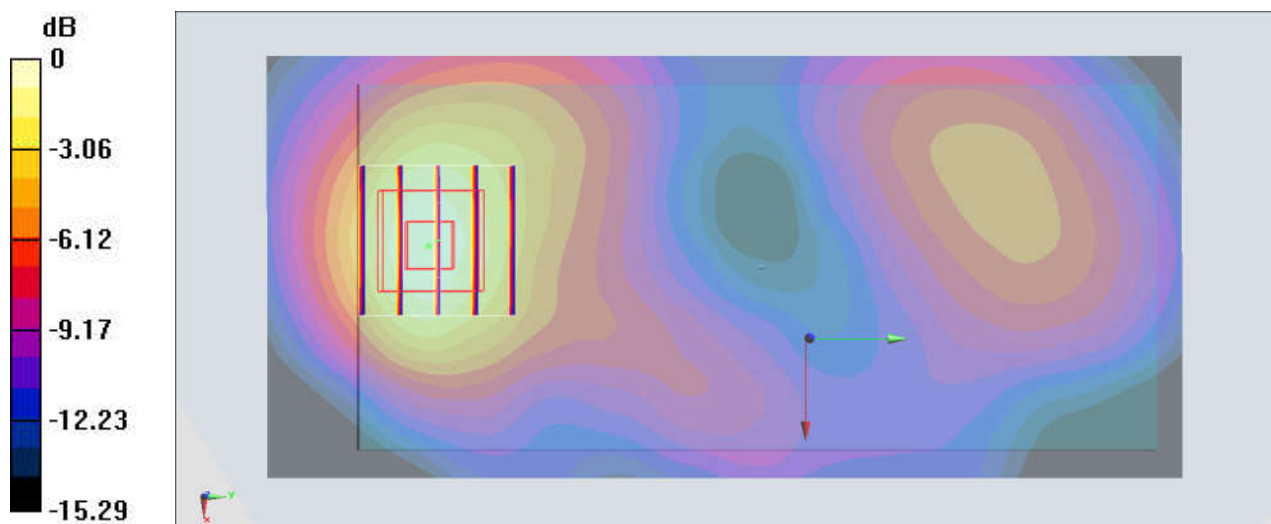
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.982 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.278 W/kg

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



#49_Bluetooth_1Mbps_Front_15mm_Ch0

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

Medium: MSL_2450_180324 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.916$ S/m; $\epsilon_r = 51.379$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.69, 7.69, 7.69); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0258 W/kg

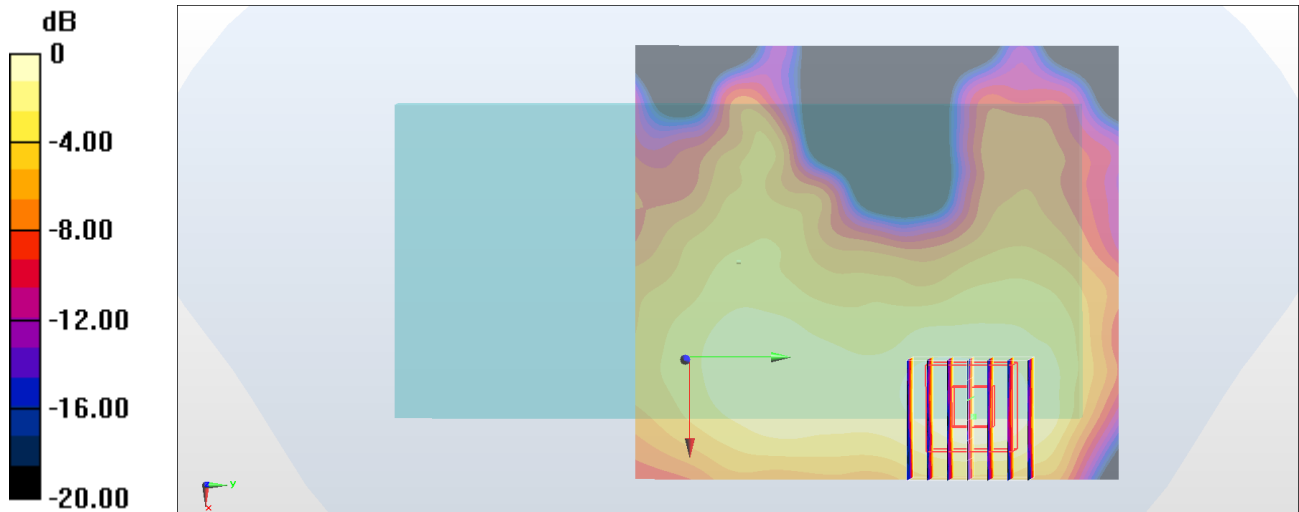
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.128 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.0330 W/kg

SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00923 W/kg

Maximum value of SAR (measured) = 0.0272 W/kg



0 dB = 0.0272 W/kg = -15.65 dBW/kg

#50_WLAN2.4GHz_802.11b 1Mbps_Front_15mm_Ch1

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

Medium: MSL_2450_180328 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.971$ S/m; $\epsilon_r = 54.623$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.94, 7.94, 7.94); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.181 W/kg

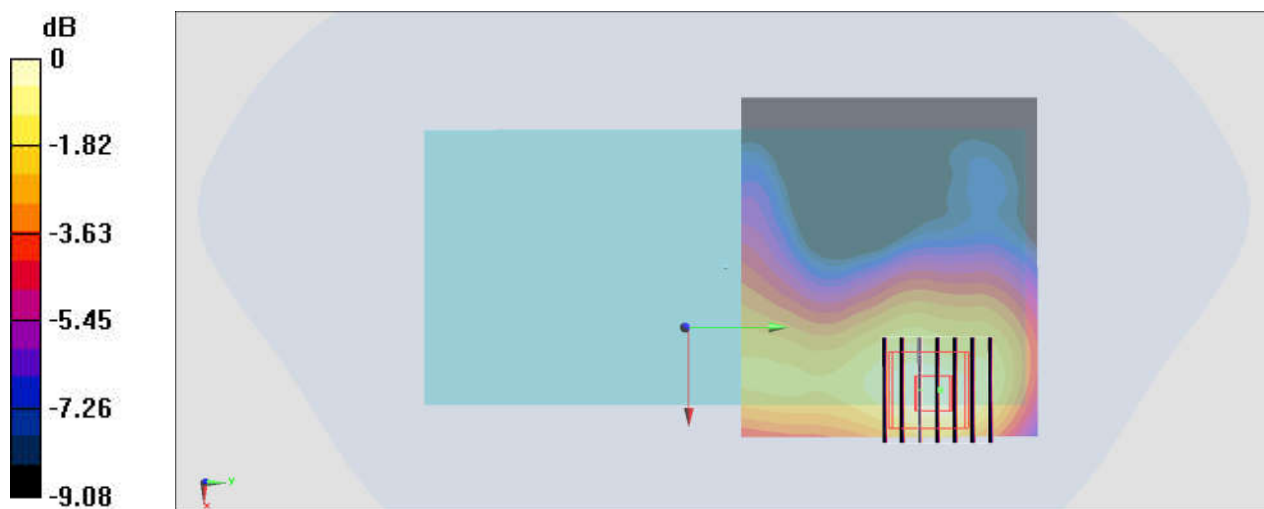
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.228 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (measured) = 0.181 W/kg



0 dB = 0.181 W/kg = -7.42 dBW/kg

#51_WLAN5GHz_802.11a 6Mbps_Back_15mm_Ch52

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.054

Medium: MSL_5G_180405 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.533$ S/m; $\epsilon_r = 47.038$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.59, 4.59, 4.59); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

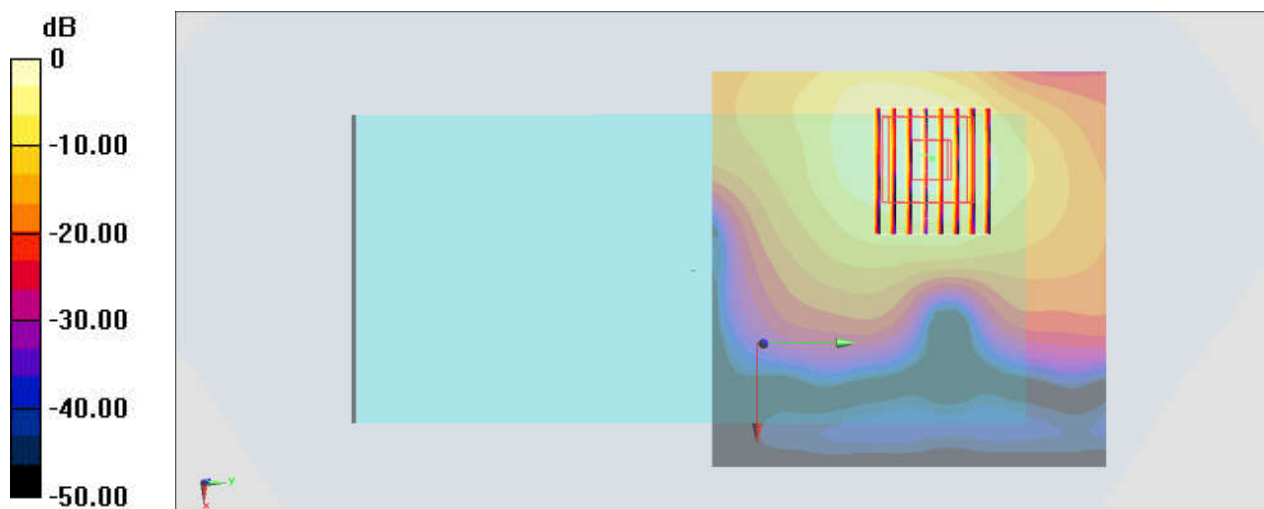
Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg

#52_WLAN5GHz_802.11a 6Mbps_Back_15mm_Ch144

Communication System: 802.11a; Frequency: 5720 MHz; Duty Cycle: 1:1.054

Medium: MSL_5G_180329 Medium parameters used: $f = 5720$ MHz; $\sigma = 6.124$ S/m; $\epsilon_r = 46.176$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.14, 4.14, 4.14); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

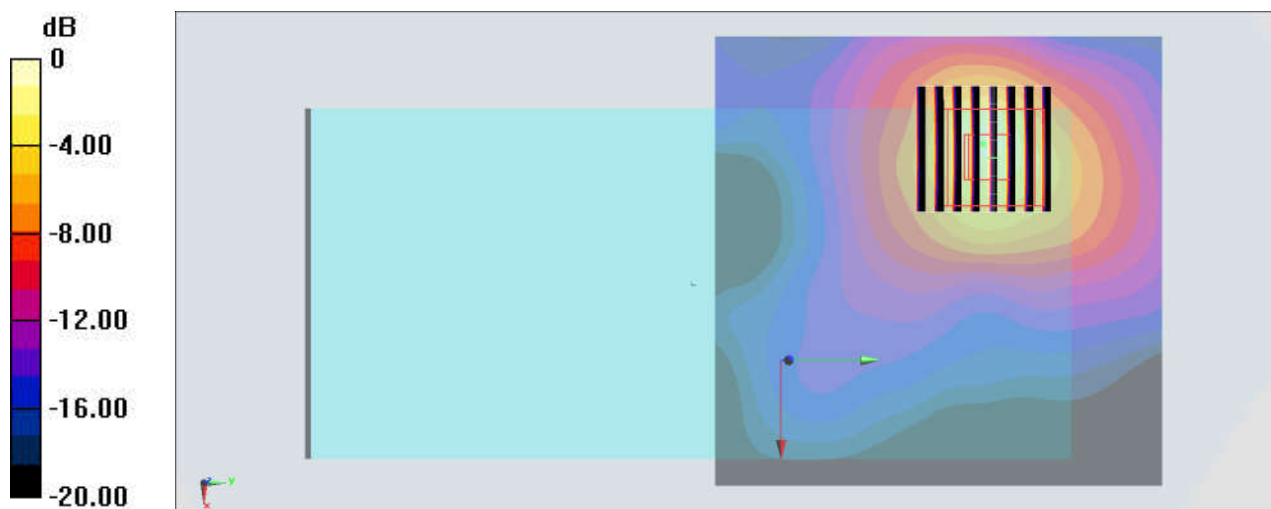
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.629 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.186 W/kg

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



0 dB = 1.24 W/kg = 0.93 dBW/kg

#53_WLAN5GHz_802.11a 6Mbps_Back_15mm_Ch149

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.054

Medium: MSL_5G_180329 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.157$ S/m; $\epsilon_r = 46.12$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.14, 4.14, 4.14); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.25 W/kg

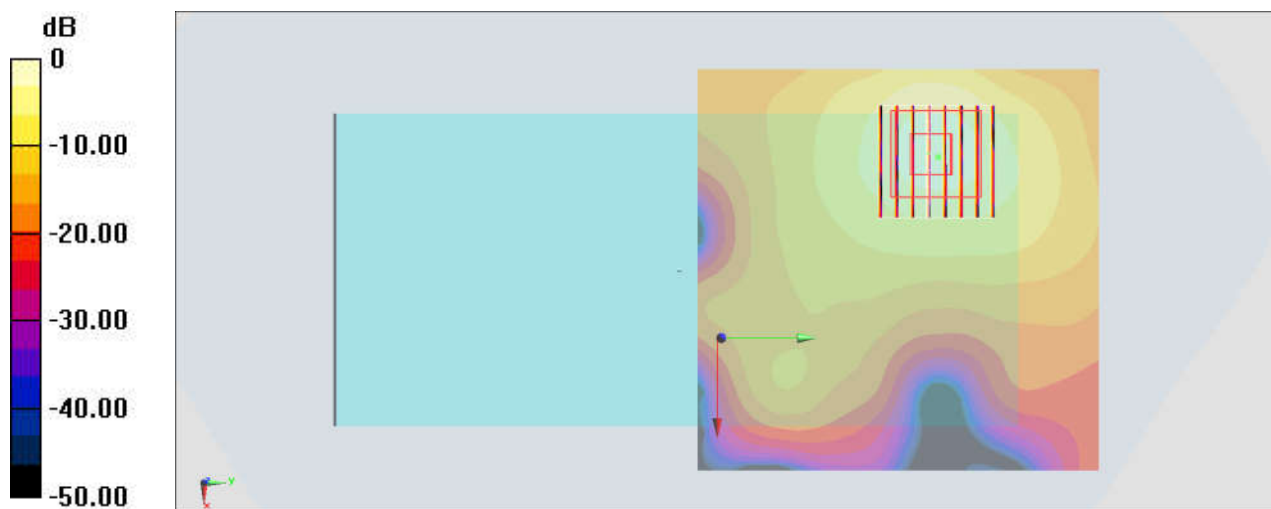
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.471 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.194 W/kg

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



#54_WCDMA II_RMC 12.2Kbps_Back_0mm_Ch9262

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

Medium: MSL_1900_180326 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.495$ S/m; $\epsilon_r = 51.809$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.12, 8.12, 8.12); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 10.8 W/kg

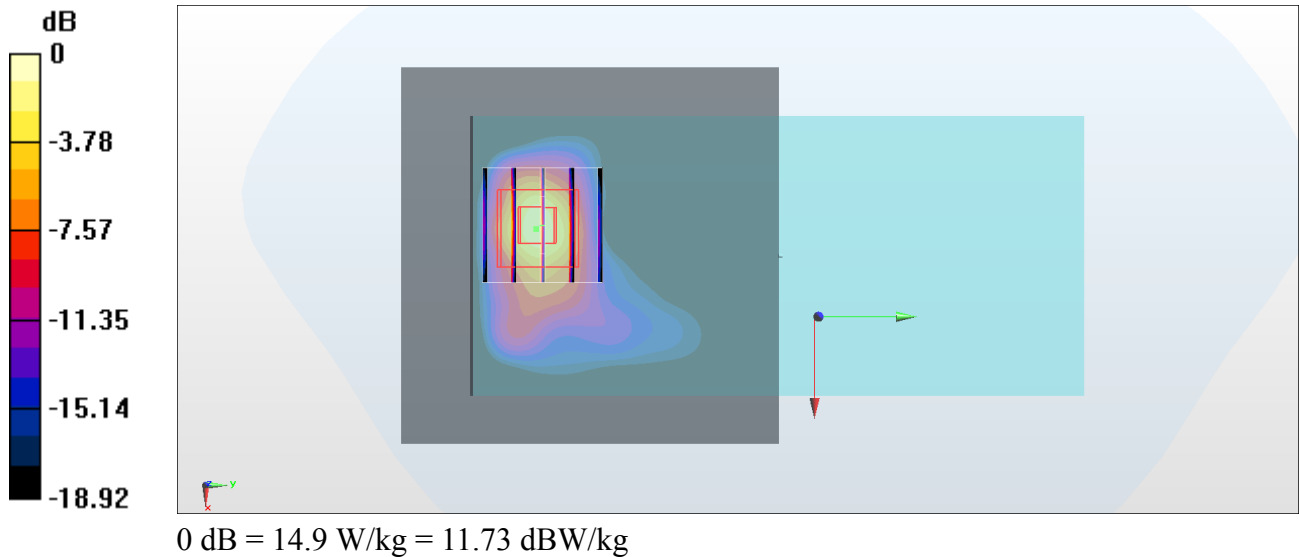
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.79 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 7.28 W/kg; SAR(10 g) = 3.05 W/kg

Maximum value of SAR (measured) = 14.9 W/kg



#55_LTE Band 25_20M_QPSK_1_0_Back_0mm_Ch26140

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

Medium: MSL_1900_180328 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.519$ S/m; $\epsilon_r = 54.129$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.25, 8.25, 8.25); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 8.25 W/kg

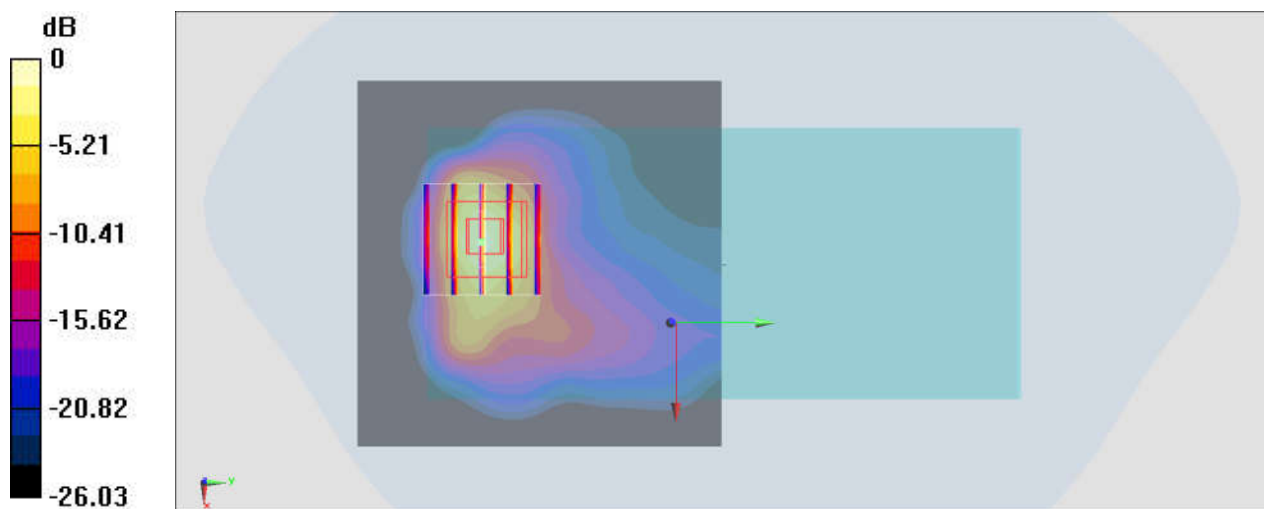
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.239 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 14.0 W/kg

SAR(1 g) = 6.15 W/kg; SAR(10 g) = 2.63 W/kg

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



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

#56_WLAN5GHz_802.11a 6Mbps_Back_0mm_Ch52

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.054

Medium: MSL_5G_180405 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.533$ S/m; $\epsilon_r = 47.038$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.59, 4.59, 4.59); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 36.1 W/kg

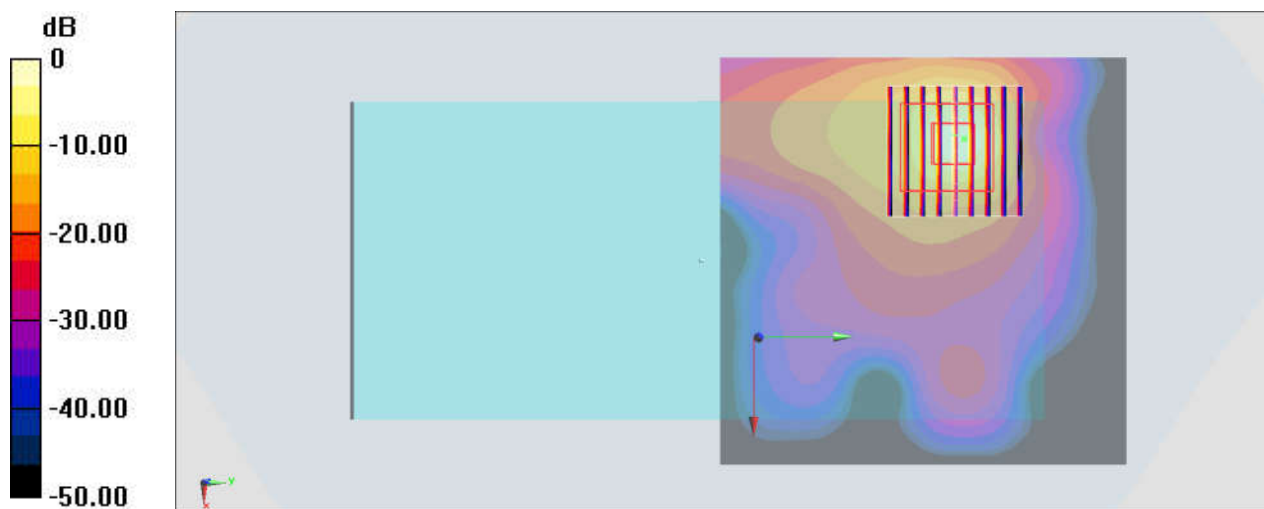
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.041 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 78 W/kg

SAR(1 g) = 11.5 W/kg; SAR(10 g) = 2.06 W/kg

Maximum value of SAR (measured) = 39.2 W/kg



0 dB = 39.2 W/kg = 15.93 dBW/kg

#57_WLAN5GHz_802.11a 6Mbps_Back_0mm_Ch144

Communication System: 802.11a; Frequency: 5720 MHz; Duty Cycle: 1:1.054

Medium: MSL_5G_180329 Medium parameters used: $f = 5720$ MHz; $\sigma = 6.124$ S/m; $\epsilon_r = 46.176$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.14, 4.14, 4.14); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM-Right; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 11.6 W/kg

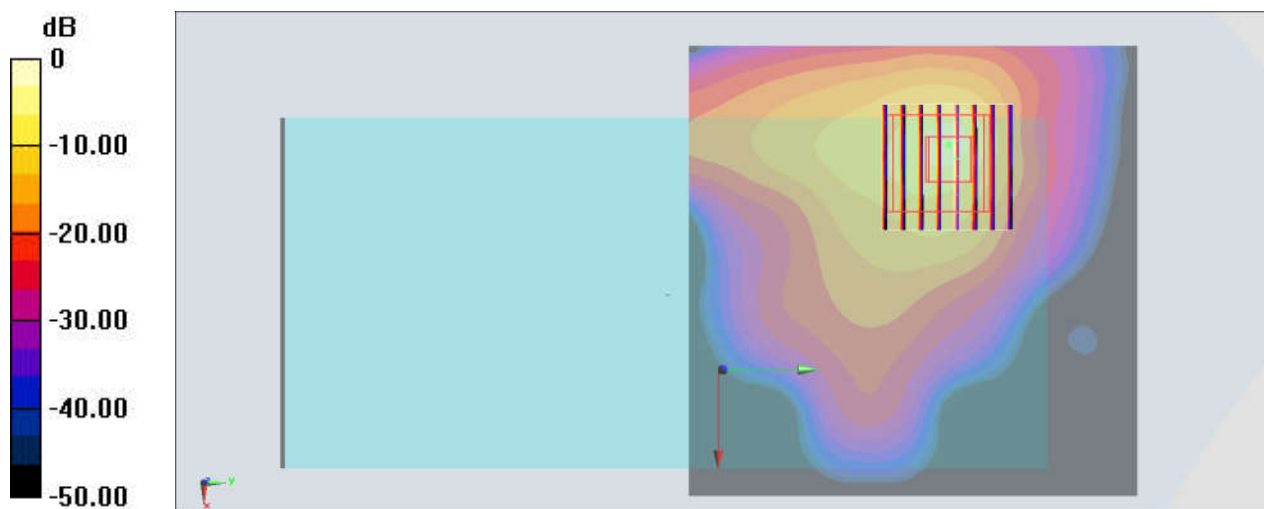
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 70.1 W/kg

SAR(1 g) = 9.51 W/kg; SAR(10 g) = 1.94 W/kg

Maximum value of SAR (measured) = 37.4 W/kg



0 dB = 37.4 W/kg = 15.73 dBW/kg