

#01_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch251

Communication System: GSM850 ; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: HSL_850_210712 Medium parameters used: $f = 849$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 42.186$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(9.95, 9.95, 9.95) @ 848.8 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

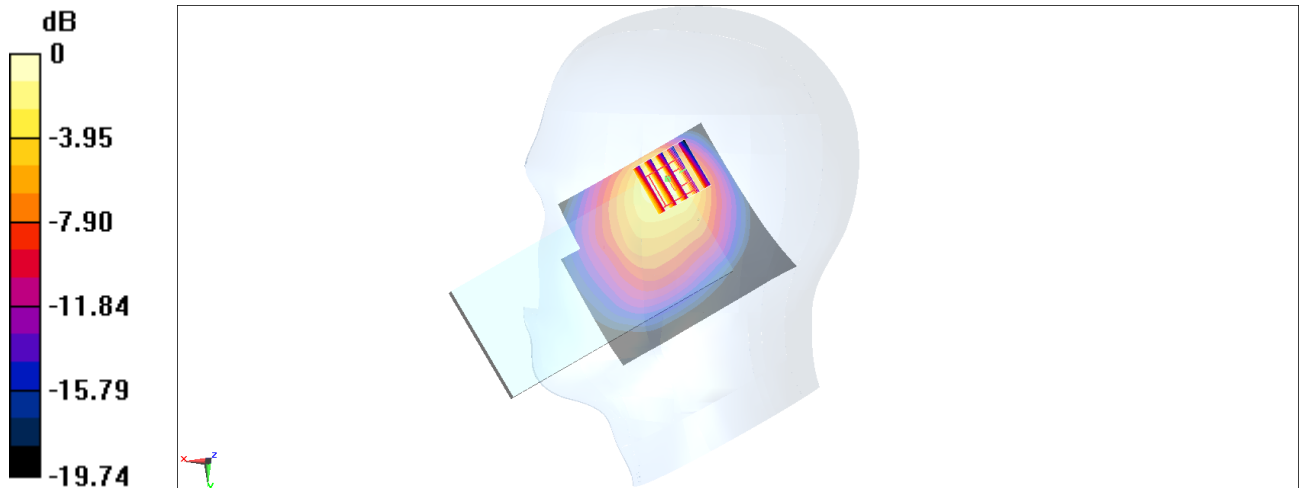
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.78 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.421 W/kg

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



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

#02_WCDMA V_RMC 12.2Kbps_Right Tilted_Ch4132

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

Medium: HSL_850_210712 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.872$ S/m; $\epsilon_r = 42.473$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(9.95, 9.95, 9.95) @ 826.4 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

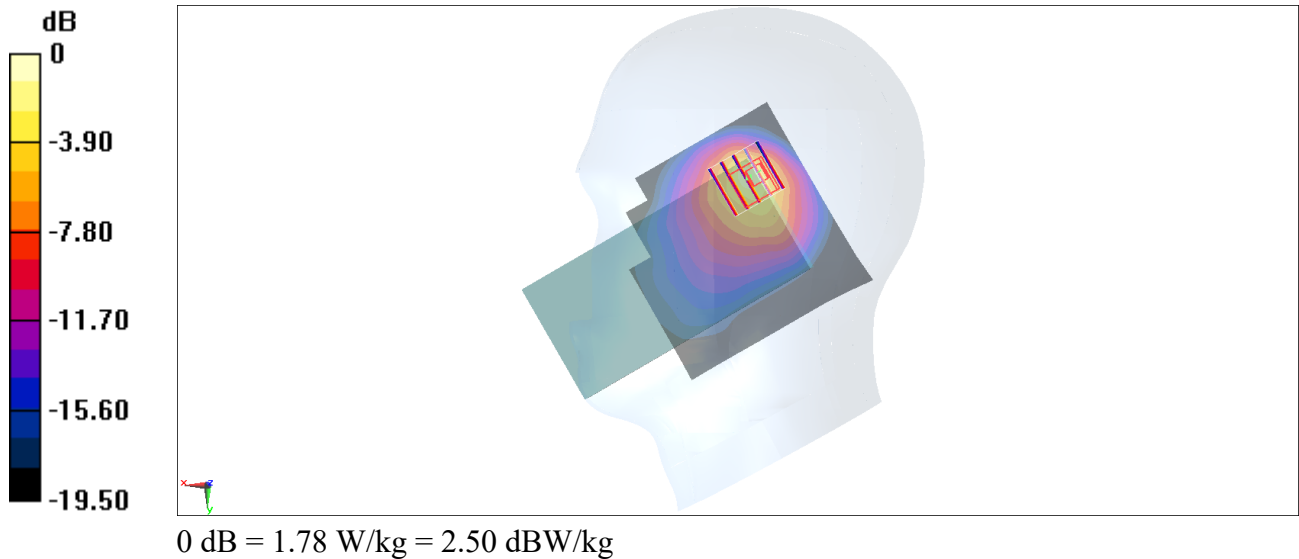
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 28.09 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.40 W/kg

SAR(1 g) = 0.891 W/kg; SAR(10 g) = 0.455 W/kg

Maximum value of SAR (measured) = 1.78 W/kg



#03_LTE Band 12_10M_QPSK_1_25_Right Tilted_Ch23095

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

Medium: HSL_750_210629 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 43.158$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.19, 10.19, 10.19) @ 707.5 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.824 W/kg

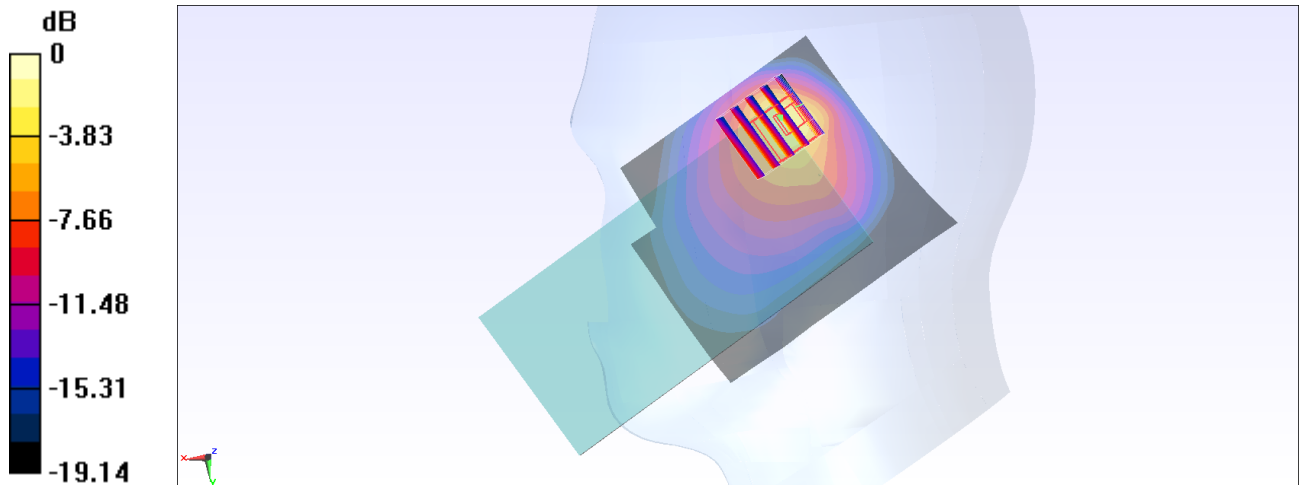
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.05 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 0.604 W/kg; SAR(10 g) = 0.285 W/kg

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

#04_LTE Band 13_10M_QPSK_25_0_Right Tilted_Ch23230

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

Medium: HSL_750_210718 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 42.255$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(10.26, 10.26, 10.26) @ 782 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x131x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

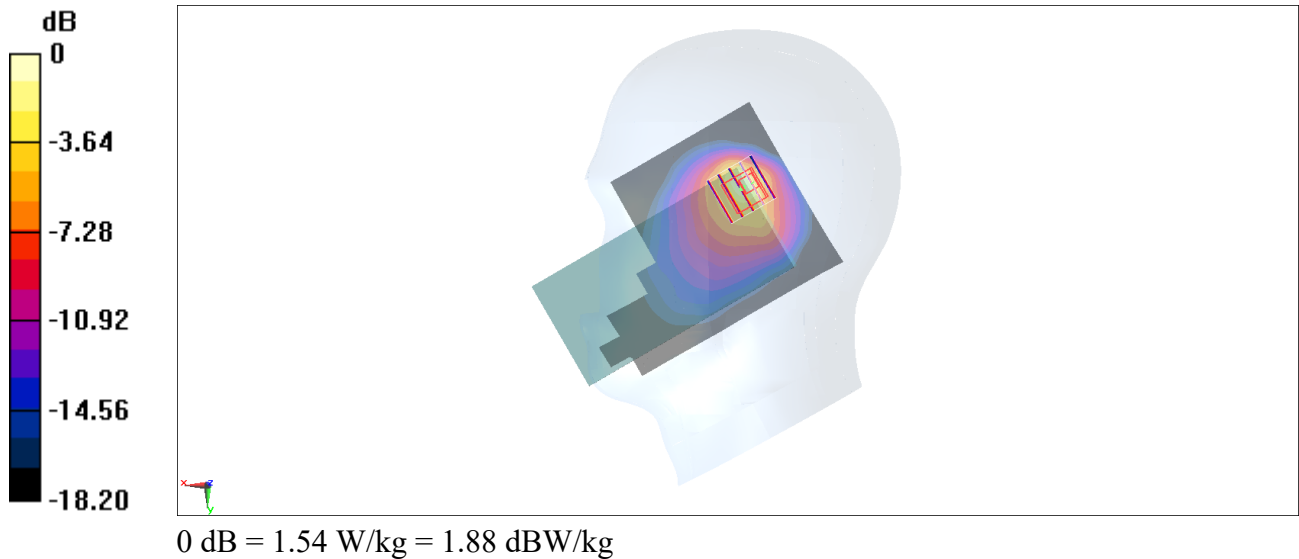
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.27 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 0.859 W/kg ; SAR(10 g) = 0.435 W/kg

Maximum value of SAR (measured) = 1.54 W/kg



#05_LTE Band 14_10M_QPSK_1_0_Right Cheek_Ch23330

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

Medium: HSL_750_210705 Medium parameters used: $f = 793$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 41.274$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(10.26, 10.26, 10.26) @ 793 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.76 W/kg

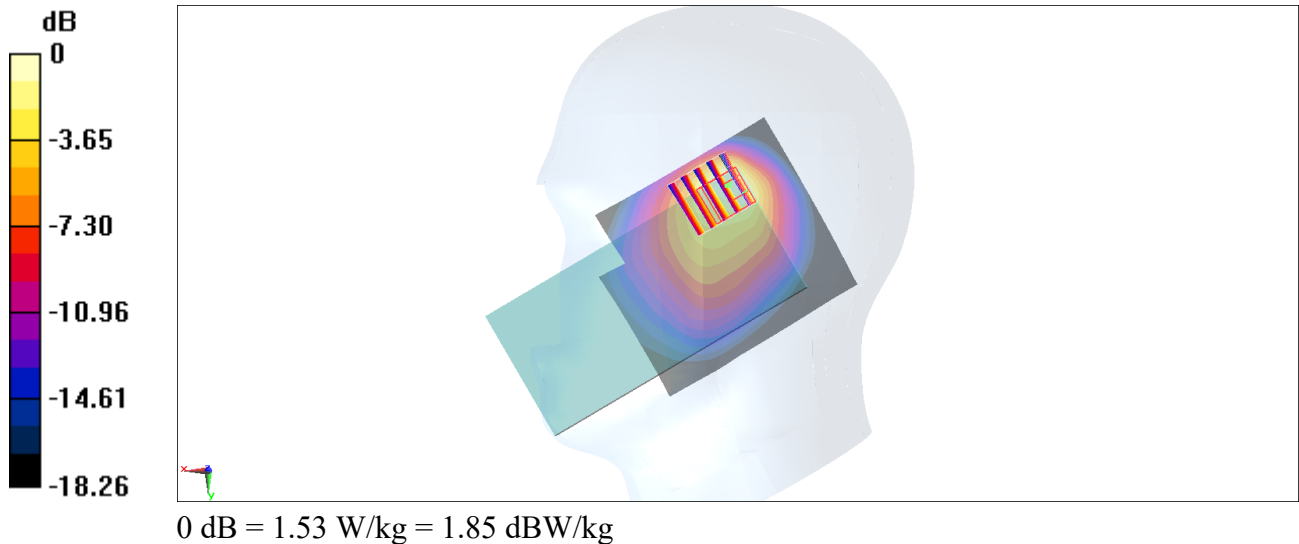
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 32.36 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 0.815 W/kg; SAR(10 g) = 0.497 W/kg

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



#06_LTE Band 26_15M_QPSK_1_0_Right Cheek_Ch26865

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

Medium: HSL_850_210705 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 42.725$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(9.95, 9.95, 9.95) @ 831.5 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.83 W/kg

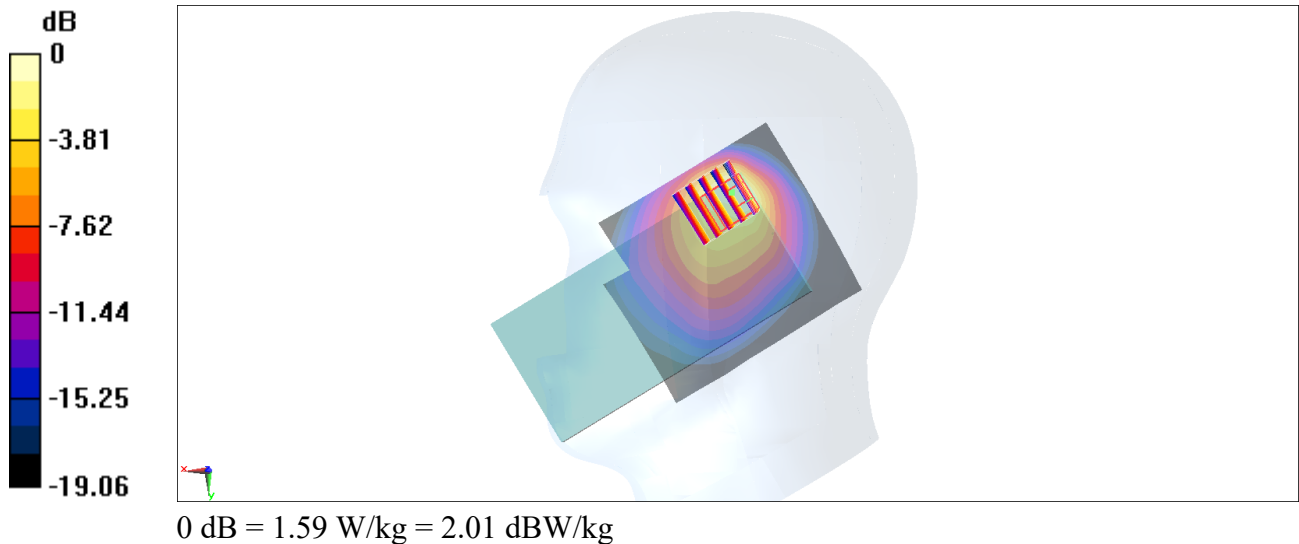
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.52 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.44 W/kg

SAR(1 g) = 0.791 W/kg; SAR(10 g) = 0.471 W/kg

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



#07_LTE Band 71_20M_QPSK_1_0_Right Tilted_Ch133322

Communication System: LTE; Frequency: 683 MHz; Duty Cycle: 1:1

Medium: HSL_750_210706 Medium parameters used: $f = 683$ MHz; $\sigma = 0.874$ S/m; $\epsilon_r = 41.725$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(10.26, 10.26, 10.26) @ 683 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.30 W/kg

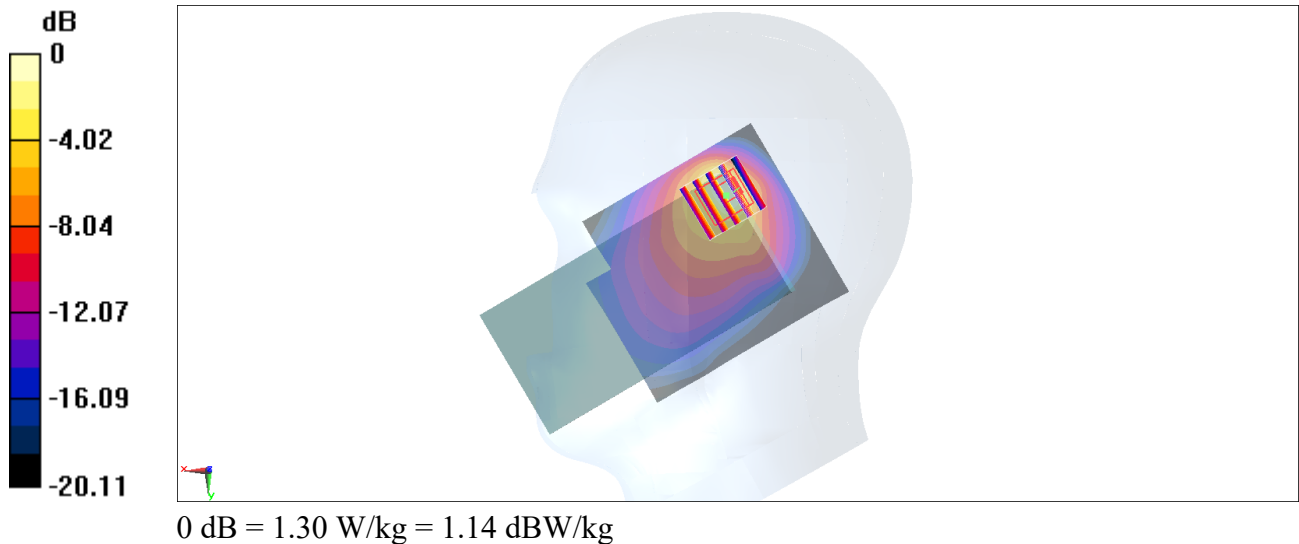
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.72 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.346 W/kg

Maximum value of SAR (measured) = 1.30 W/kg



#08_FR1 n5_20M_BPSK_50_28_Right Tilted_Ch167300

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

Medium: HSL_850_210704 Medium parameters used : $f = 836.5$ MHz; $\sigma = 0.896$ S/m; $\epsilon_r = 41.953$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(9.95, 9.95, 9.95) @ 836.5 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

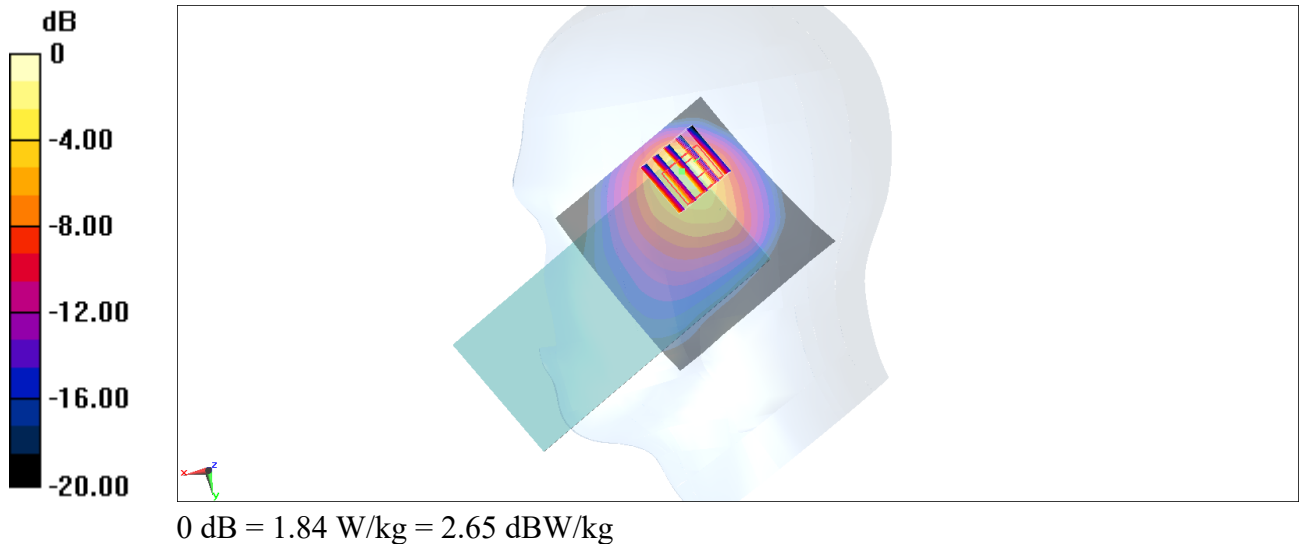
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.06 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.50 W/kg

SAR(1 g) = 0.873 W/kg; SAR(10 g) = 0.425 W/kg

Maximum value of SAR (measured) = 1.84 W/kg



#09_FR1 n12_15M_BPSK_1_1_Right Cheek_Ch141500

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

Medium: HSL_750_210704 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.881$ S/m; $\epsilon_r = 43.007$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(10.26, 10.26, 10.26) @ 707.5 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

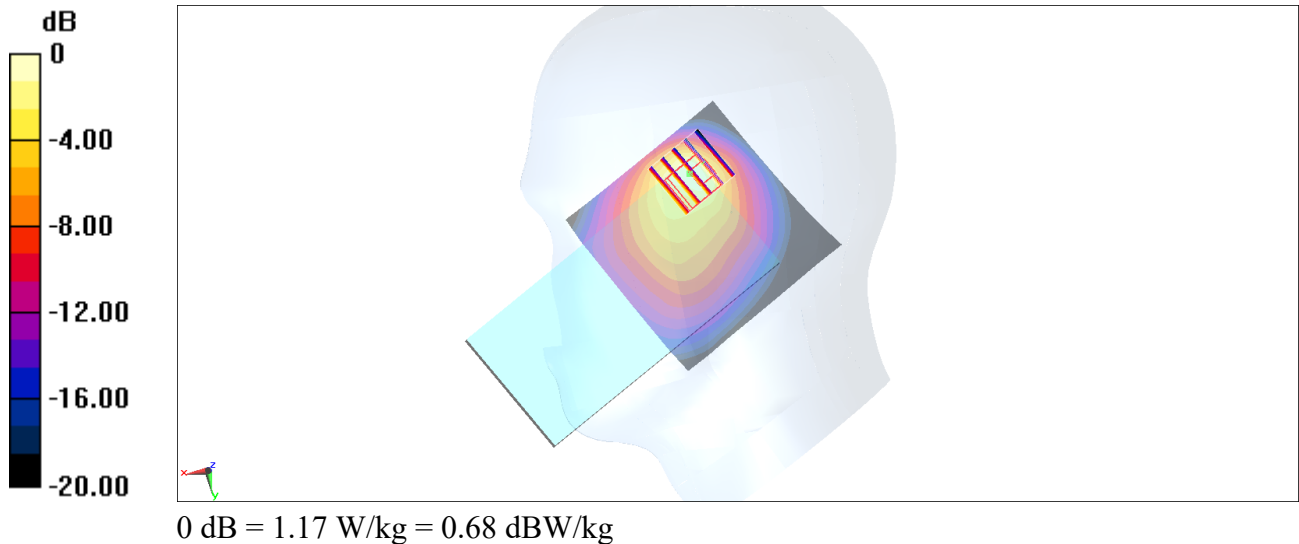
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.96 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.352 W/kg

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



#10_FR1 n71_20M_BPSK_1_53_Right Cheek_Ch136100

Communication System: NR; Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_210706 Medium parameters used: $f = 680.5$ MHz; $\sigma = 0.873$ S/m; $\epsilon_r = 41.735$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(10.26, 10.26, 10.26) @ 680.5 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 1.52 W/kg

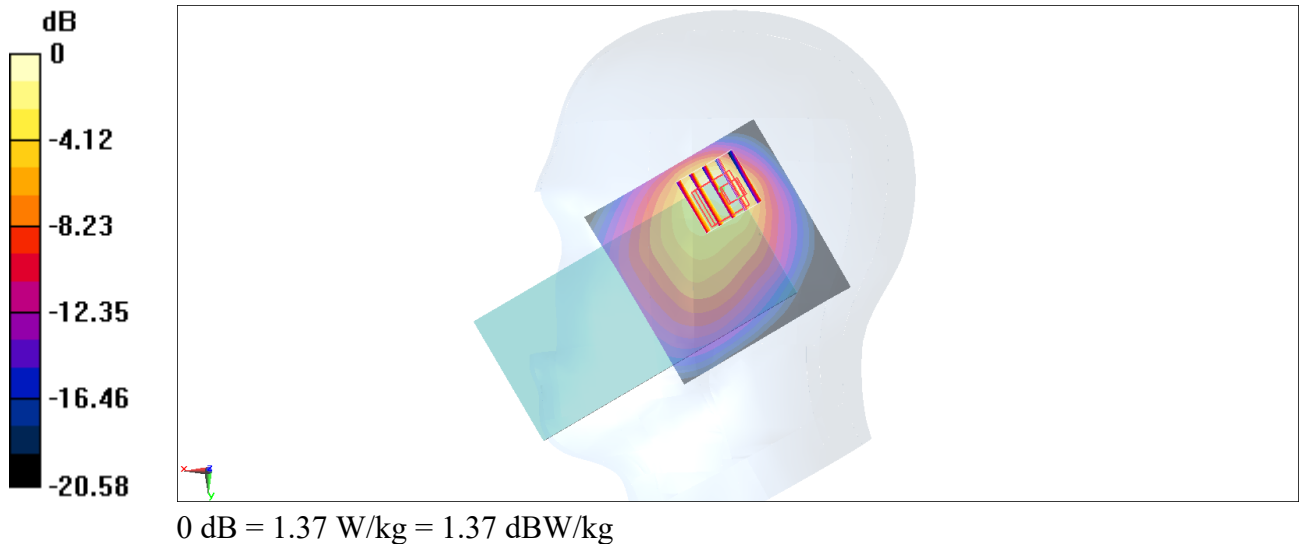
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.46 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.424 W/kg

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



#11_FR1 n41_100M_BPSK_1_1_Right Cheek_Ch518598

Communication System: NR; Frequency: 2592.99 MHz; Duty Cycle: 1:1

Medium: HSL_2600_210710 Medium parameters used : $f = 2592.99$ MHz; $\sigma = 1.945$ S/m; $\epsilon_r = 39.154$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.37, 7.37, 7.37) @ 2592.99 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

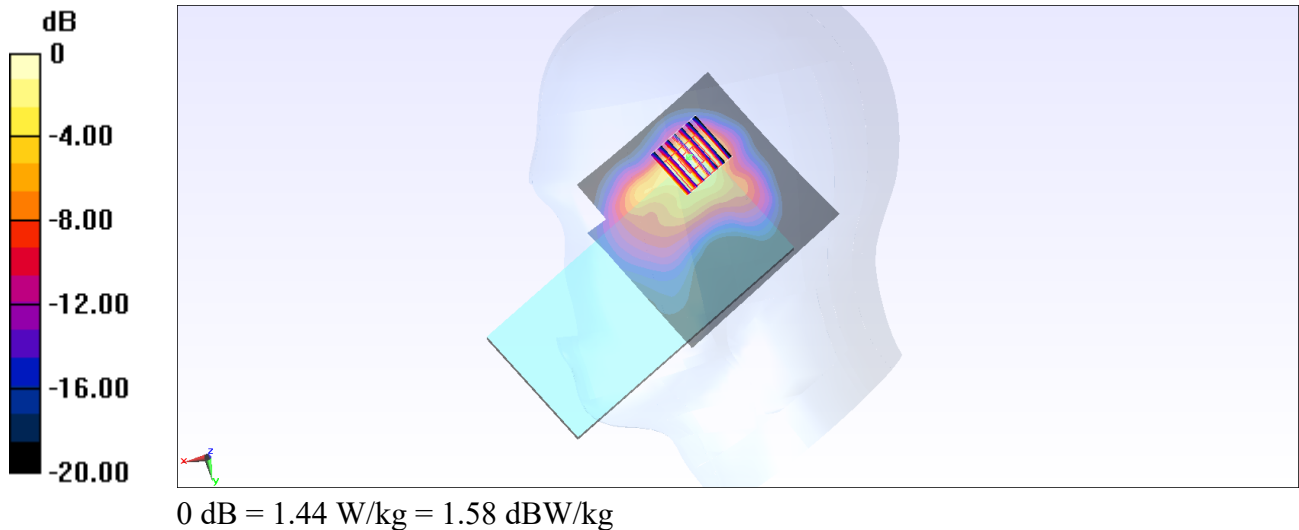
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.50 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.394 W/kg

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



#12_WLAN2.4GHz_802.11b 1Mbps_Right Tilted_Ch6

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.011

Medium: HSL_2450_210711 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.784$ S/m; $\epsilon_r = 39.989$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.61, 4.61, 4.61) @ 2437 MHz; Calibrated: 2020/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2021/1/7
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

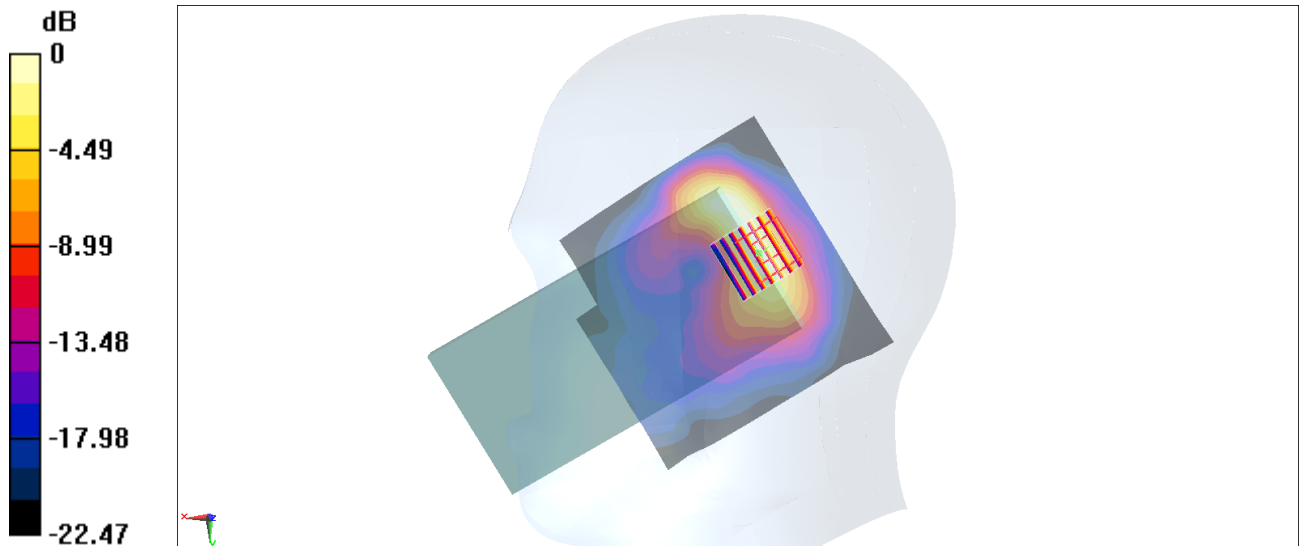
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.989 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.979 W/kg; SAR(10 g) = 0.455 W/kg

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



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

#13_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch58

Communication System: 802.11ac ; Frequency: 5290 MHz; Duty Cycle: 1:1.139

Medium: HSL_5G_210711 Medium parameters used : $f = 5290$ MHz; $\sigma = 4.69$ S/m; $\epsilon_r = 37.609$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.54, 5.54, 5.54) @ 5290 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2021/1/19
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x111x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.34 W/kg

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

Reference Value = 11.05 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 4.37 W/kg

SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.218 W/kg

Maximum value of SAR (measured) = 2.27 W/kg

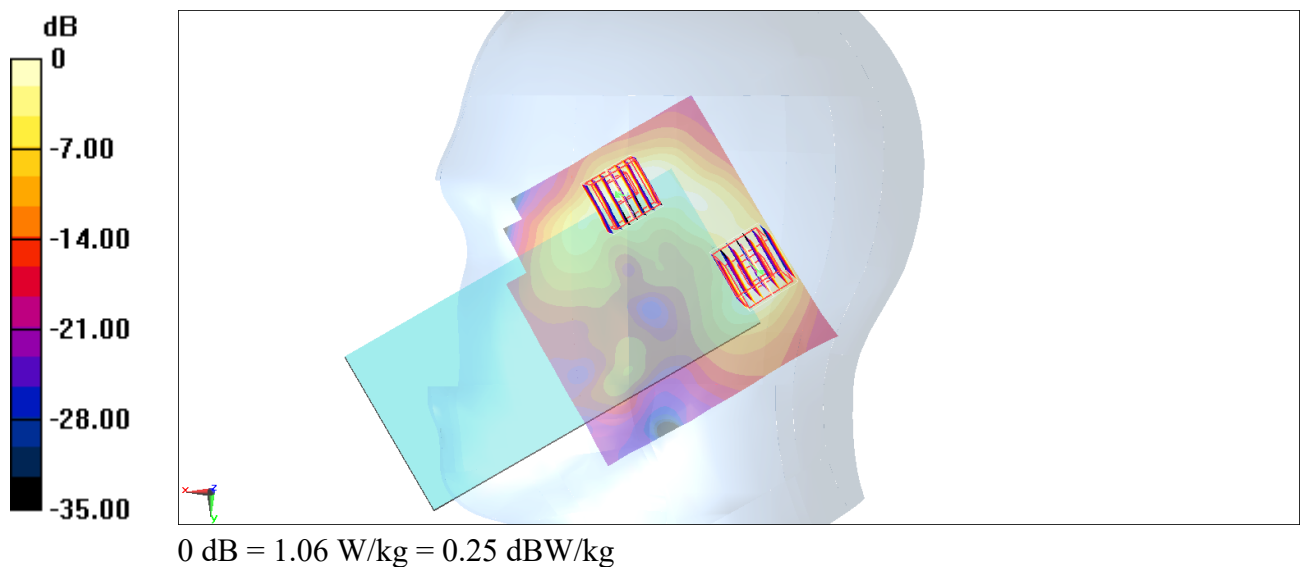
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 11.05 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.162 W/kg

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



#14_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch106

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.139

Medium: HSL_5G_210711 Medium parameters used: $f = 5530$ MHz; $\sigma = 4.926$ S/m; $\epsilon_r = 37.228$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.02, 5.02, 5.02) @ 5530 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2021/1/19
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.73 W/kg

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

Reference Value = 8.670 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.05 W/kg

SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.242 W/kg

Maximum value of SAR (measured) = 2.31 W/kg

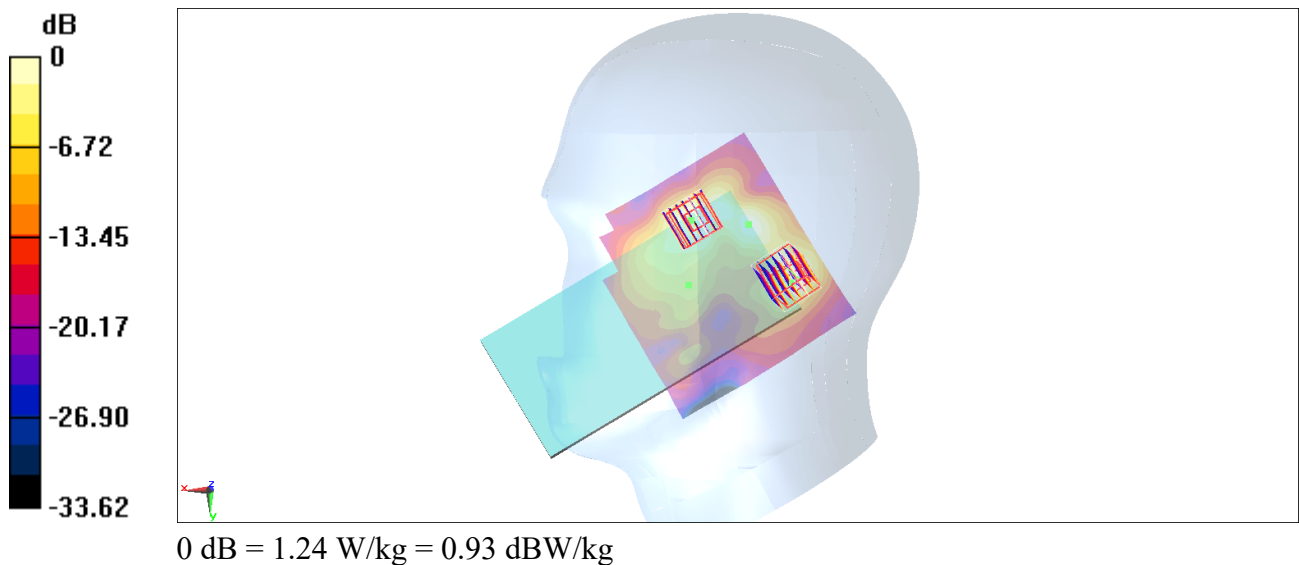
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.670 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.173 W/kg

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



#15_WLAN5GHz_802.11ac-VHT80 MCS0_Left Tilted_Ch155

Communication System: 802.11ac ; Frequency: 5775 MHz; Duty Cycle: 1:1.139

Medium: HSL_5G_210711 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.208$ S/m; $\epsilon_r = 36.863$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.27, 5.27, 5.27) @ 5775 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2021/1/19
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.72 W/kg

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

Reference Value = 8.368 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.30 W/kg

SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.222 W/kg

Maximum value of SAR (measured) = 1.88 W/kg

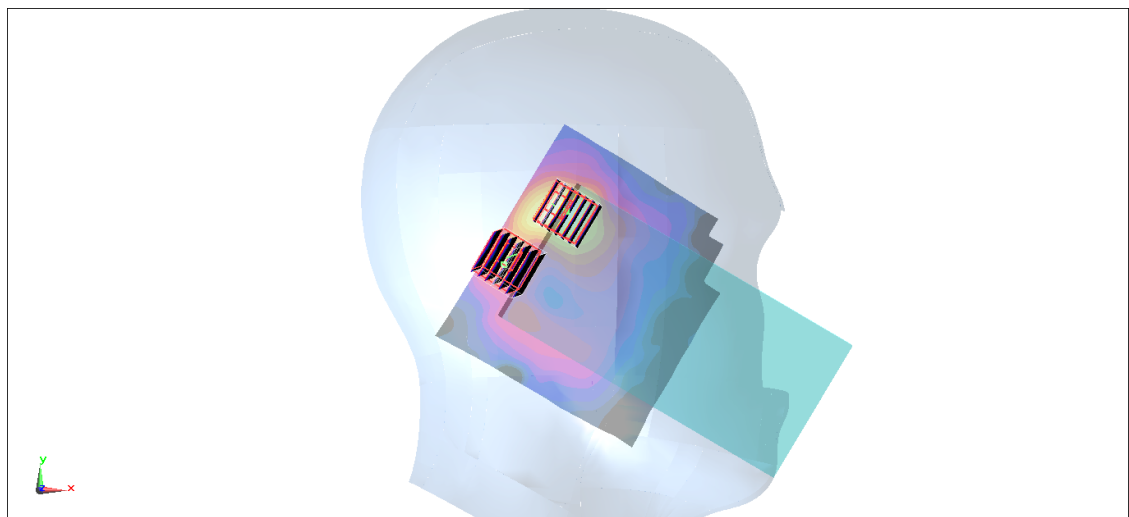
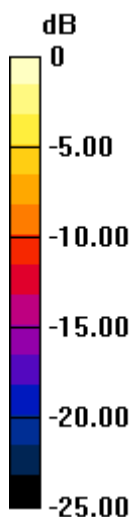
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.368 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.656 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.394 W/kg



0 dB = 1.72 W/kg = 2.36 dBW/kg

#16_Bluetooth_1Mbps_Right Tilted_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium: HSL_2450_210712 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.818$ S/m; $\epsilon_r = 40.212$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.61, 4.61, 4.61) @ 2441 MHz; Calibrated: 2020/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2021/1/7
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

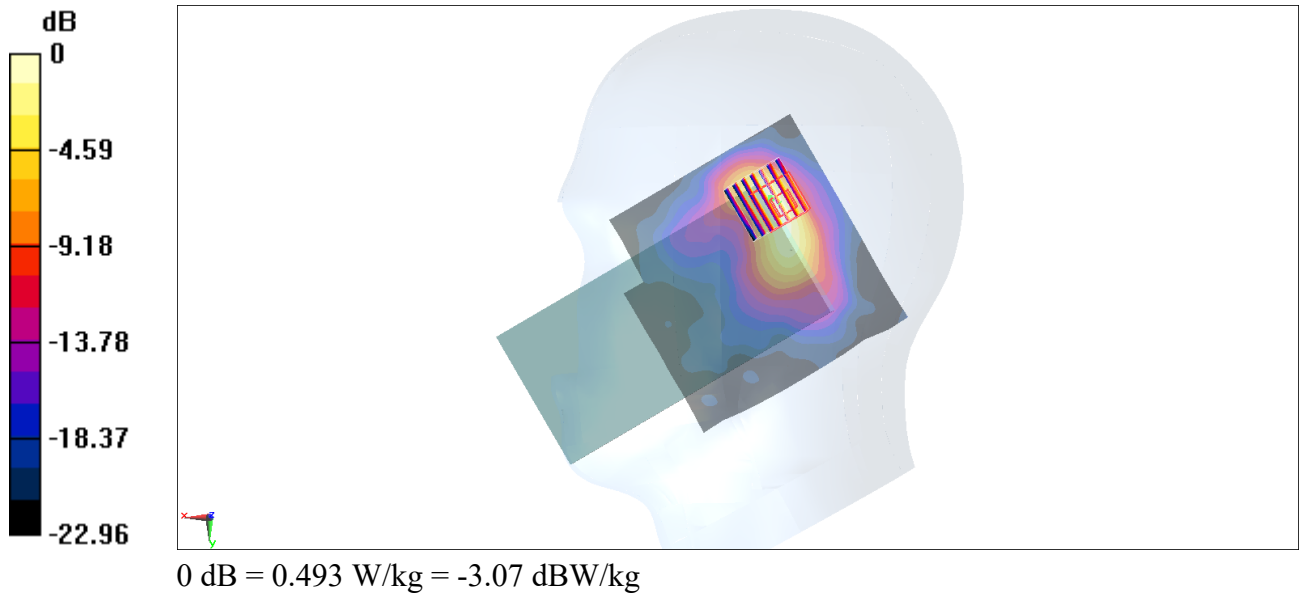
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.656 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.701 W/kg

SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.154 W/kg

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



#17_WLAN6E_802.11ax-HE160 MCS0_Left Cheek_Ch175

Communication System: 802.11ax; Frequency: 6825.0

Medium: HSL_6G_210712 Medium parameters used: $f=6825.0$ MHz; $\sigma=6.52$ S/m; $\epsilon_r=35.0$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.95, 4.95, 4.95); Calibrated: 2021-02-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn778; Calibrated: 2021-05-21
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: , 0--
- MAIA: Area Scan: N/A; Zoom Scan: N/A

Area Scan (102.0 mm x 119.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.467 W/kg; SAR (10g) = 0.148 W/kg;

Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm)/Cube 0: Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

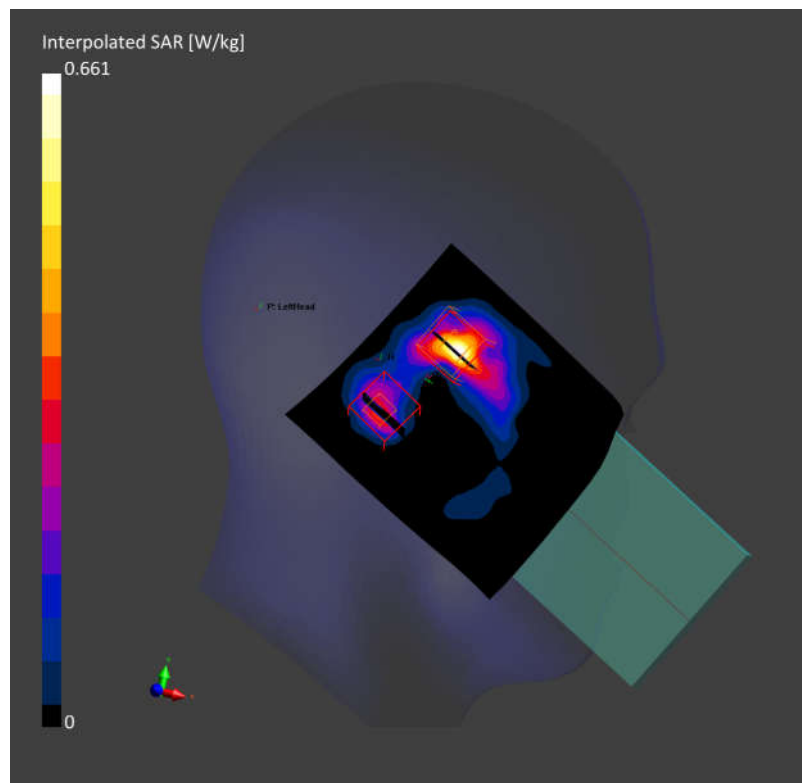
Power Drift = 0.02 dB

SAR (1g) = 0.547 W/kg; SAR (10g) = 0.154 W/kg;

Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm)/Cube 1: Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 0.306 W/kg; SAR (10g) = 0.085 W/kg;



#18_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: HSL_835_210630 Medium parameters used: $f = 849$ MHz; $\sigma = 0.906$ S/m; $\epsilon_r = 42.734$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.81, 9.81, 9.81) @ 848.8 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.788 W/kg

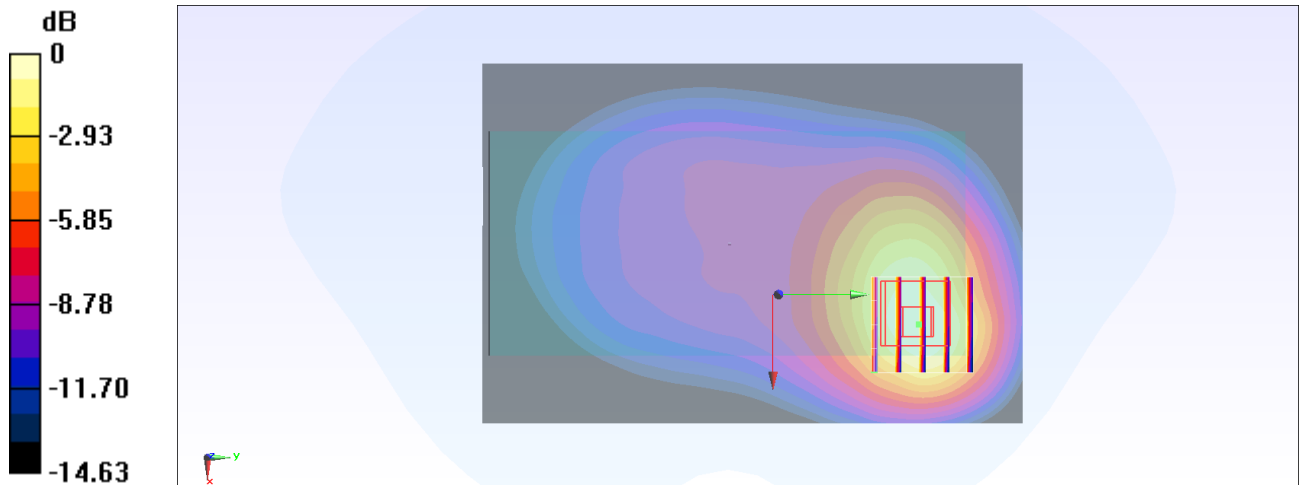
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.50 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.863 W/kg

SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.328 W/kg

Maximum value of SAR (measured) = 0.746 W/kg



0 dB = 0.746 W/kg = -1.27 dBW/kg

#19_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL_835_210629 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.877$ S/m; $\epsilon_r = 42.541$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.81, 9.81, 9.81) @ 836.4 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.572 W/kg

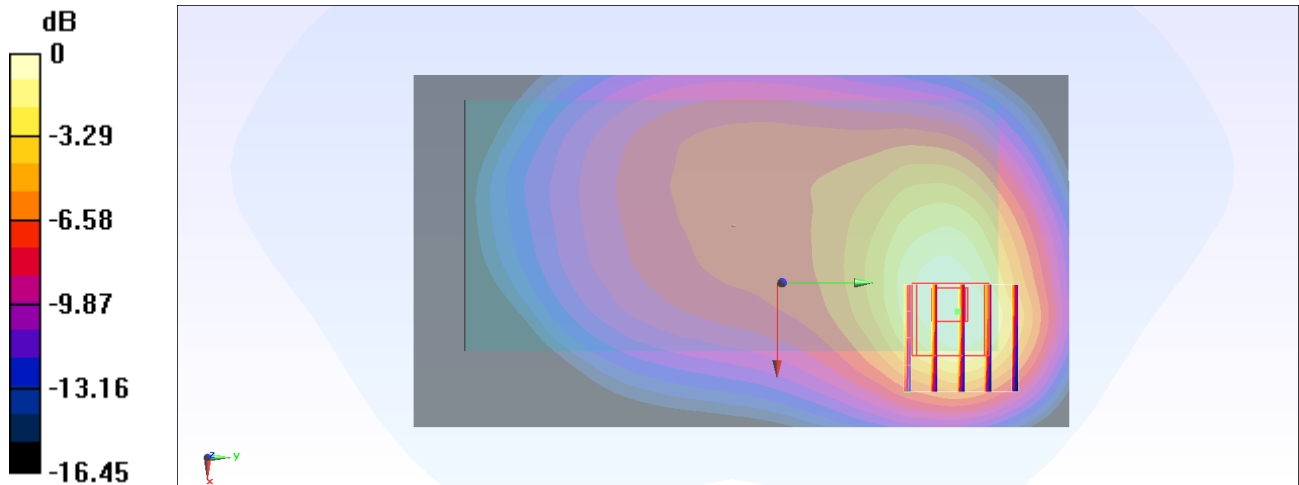
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.73 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.624 W/kg

SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.543 W/kg



0 dB = 0.543 W/kg = -2.65 dBW/kg

#20_LTE Band 12_10M_QPSK_1_25_Back_10mm_Ch23095

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

Medium: HSL_750_210629 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 43.158$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.19, 10.19, 10.19) @ 707.5 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.312 W/kg

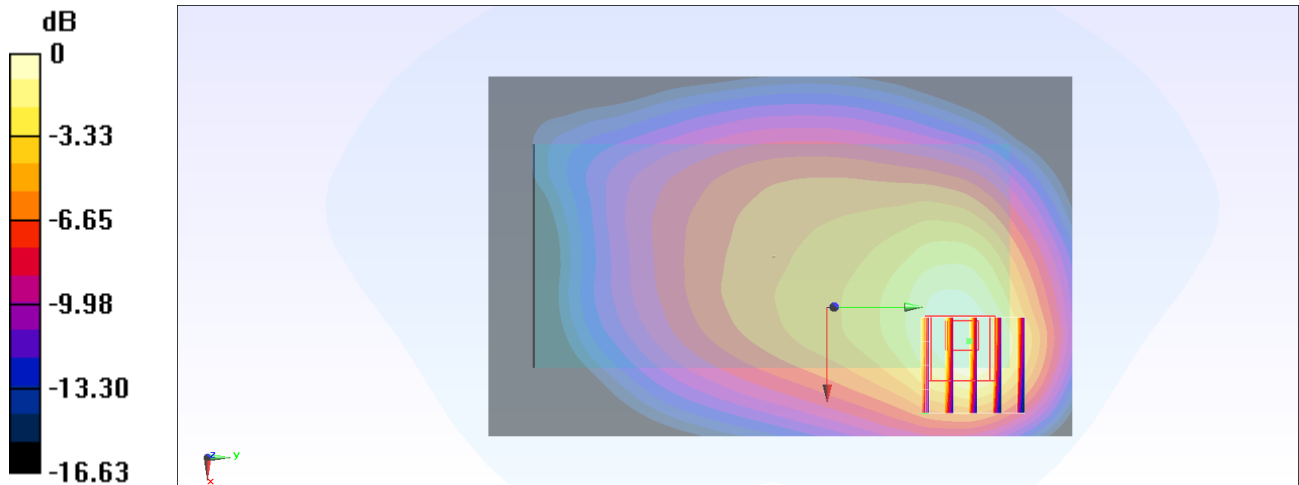
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.36 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.135 W/kg

Maximum value of SAR (measured) = 0.295 W/kg



0 dB = 0.295 W/kg = -5.30 dBW/kg

#21_LTE Band 13_10M_QPSK_1_0_Back_10mm_Ch23230

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

Medium: HSL_750_210629 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.907 \text{ S/m}$; $\epsilon_r = 42.545$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.8°C ; Liquid Temperature : 22.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.19, 10.19, 10.19) @ 782 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

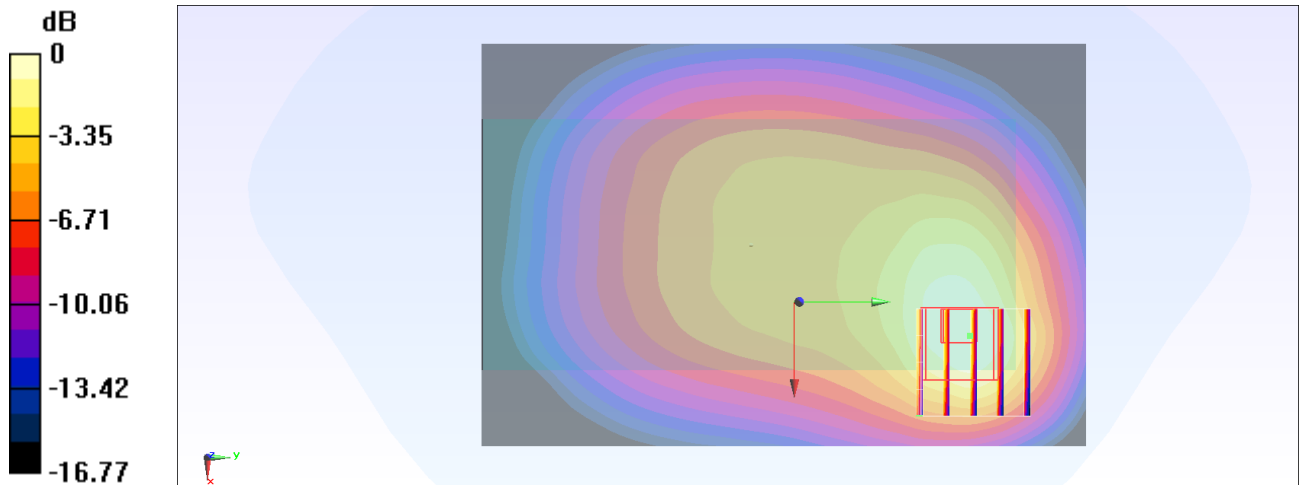
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.70 V/m ; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.536 W/kg

SAR(1 g) = 0.343 W/kg ; SAR(10 g) = 0.208 W/kg

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



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

#22_LTE Band 14_10M_QPSK_1_0_Back_10mm_Ch23330

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

Medium: HSL_750_210629 Medium parameters used: $f = 793$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 42.482$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.19, 10.19, 10.19) @ 793 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.577 W/kg

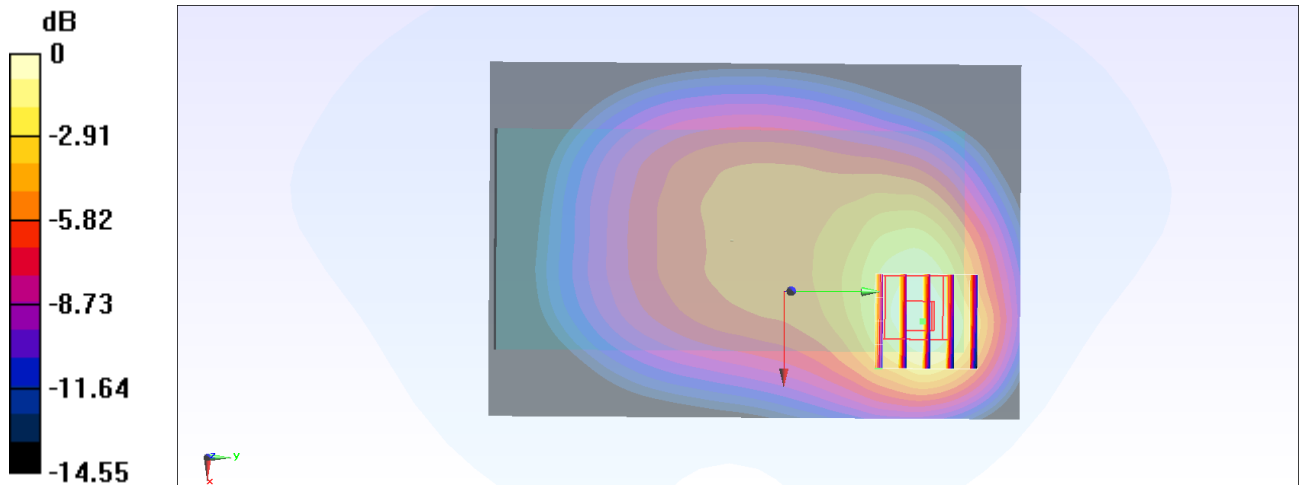
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.10 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.636 W/kg

SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.259 W/kg

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



0 dB = 0.559 W/kg = -2.53 dBW/kg

#23_LTE Band 26_15M_QPSK_1_0_Back_10mm_Ch26865

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

Medium: HSL_835_210630 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 42.955$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.81, 9.81, 9.81) @ 831.5 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

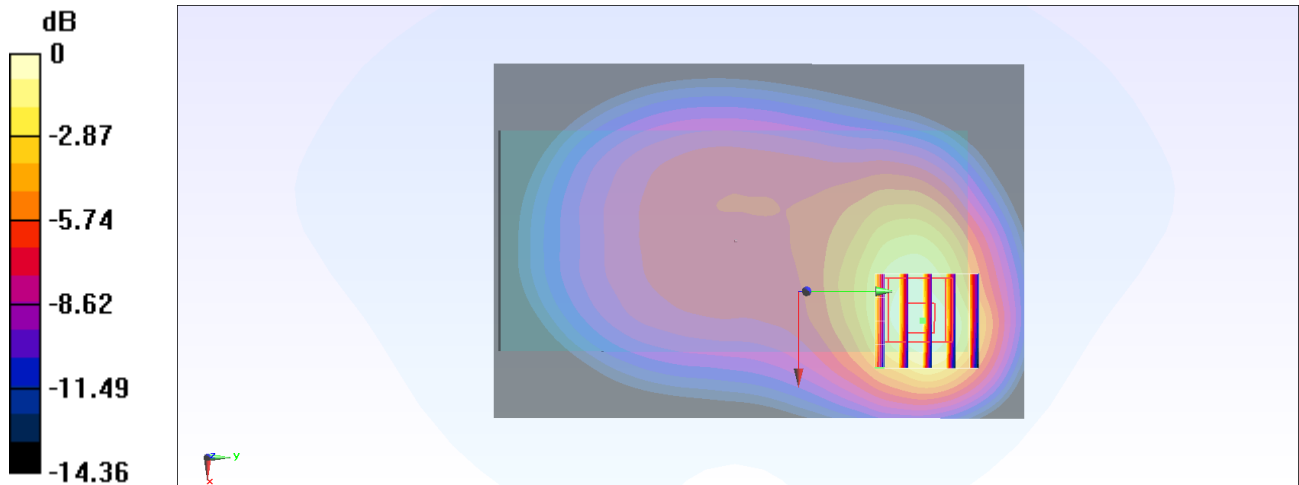
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.31 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.632 W/kg

SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.249 W/kg

Maximum value of SAR (measured) = 0.548 W/kg



0 dB = 0.548 W/kg = -2.61 dBW/kg

#24_LTE Band 71_20M_QPSK_1_0_Back_10mm_Ch133322

Communication System: LTE; Frequency: 683 MHz; Duty Cycle: 1:1

Medium: HSL_750_210630 Medium parameters used: $f = 683 \text{ MHz}$; $\sigma = 0.861 \text{ S/m}$; $\epsilon_r = 42.755$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.19, 10.19, 10.19) @ 683 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

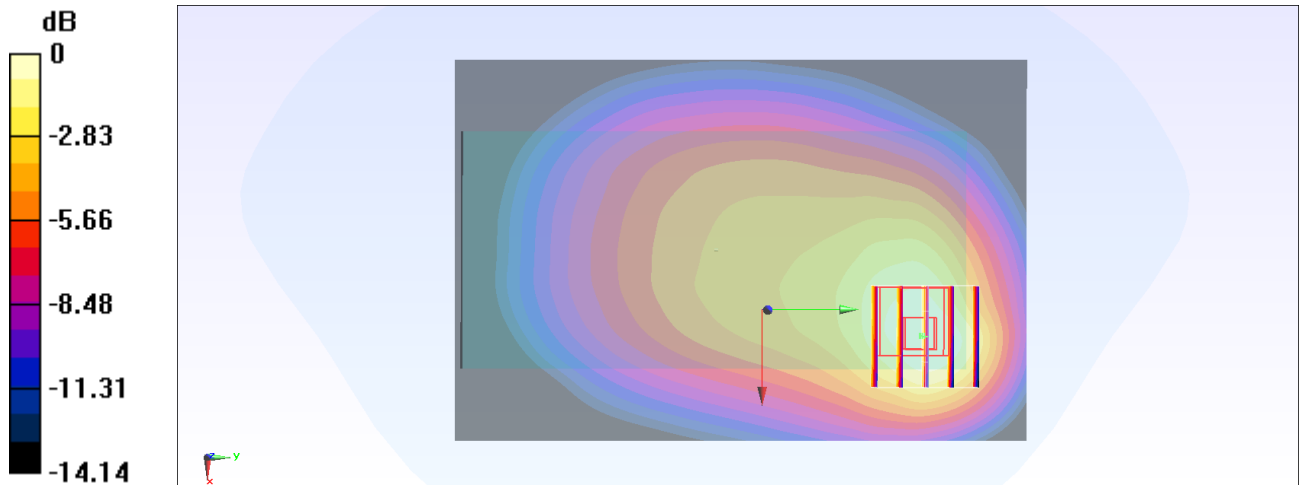
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.24 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.164 W/kg ; SAR(10 g) = 0.107 W/kg

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



$0 \text{ dB} = 0.224 \text{ W/kg} = -6.50 \text{ dBW/kg}$

#25_FR1 n5_20M_BPSK_1_53_Back_10mm_Ch167300

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

Medium: HSL_850_210630 Medium parameters used : $f = 836.5$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 42.68$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(9.95, 9.95, 9.95) @ 836.5 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.475 W/kg

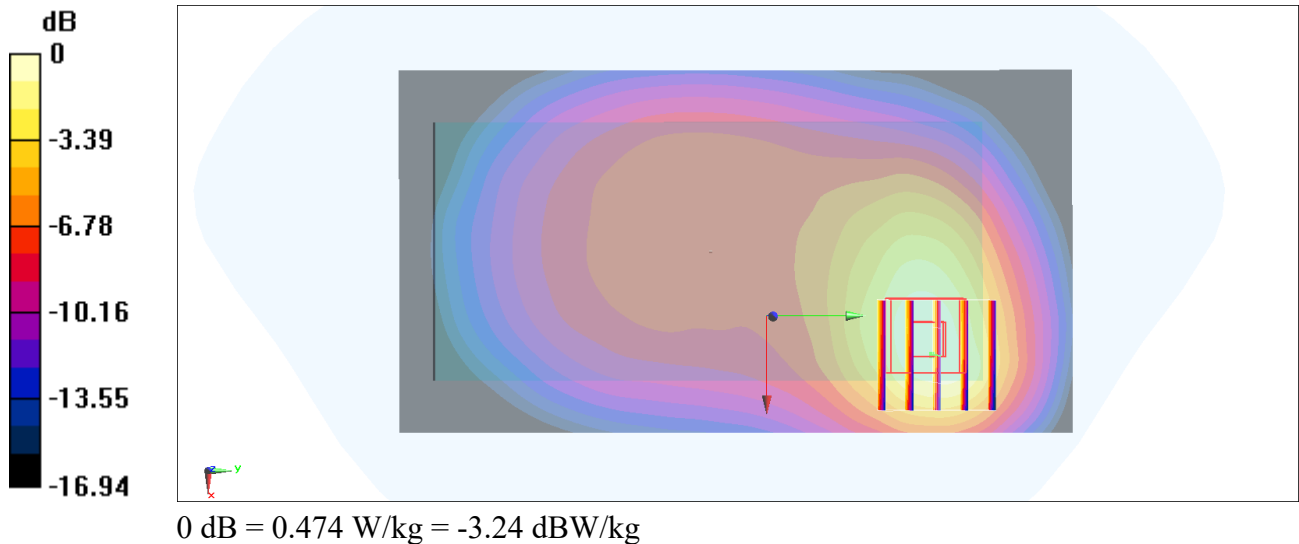
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.28 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.559 W/kg

SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.203 W/kg

Maximum value of SAR (measured) = 0.474 W/kg



#26_LTE FR1 n12_15M_BPSK_1_1_Back_10mm_Ch141500

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

Medium: HSL_750_210630 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.874$ S/m; $\epsilon_r = 42.967$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(10.26, 10.26, 10.26) @ 707.5 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.290 W/kg

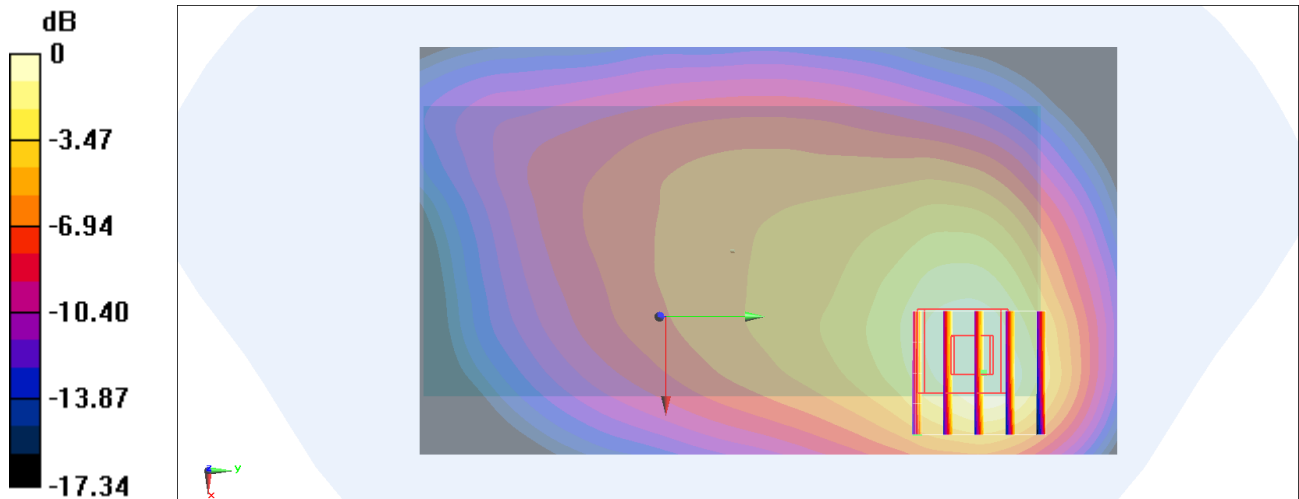
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.75 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.275 W/kg



0 dB = 0.275 W/kg = -5.61 dBW/kg

#27_LTE FR1 n71_20M_BPSK_1_53_Back_10mm_Ch136100

Communication System: NR; Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_210630 Medium parameters used: $f = 680.5$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 43.065$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(10.26, 10.26, 10.26) @ 680.5 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

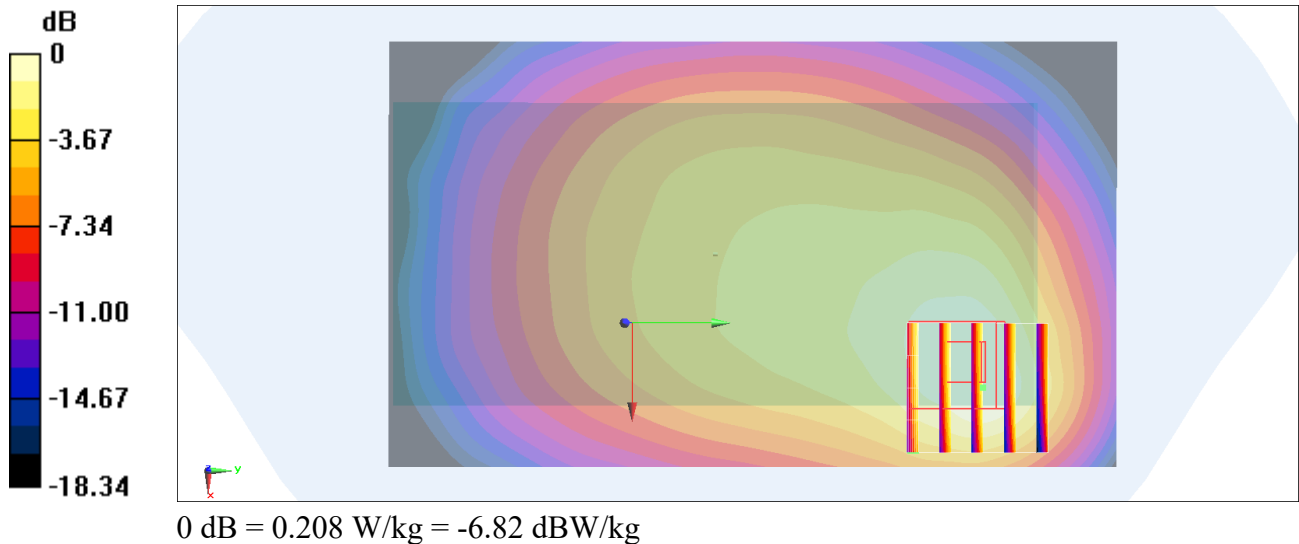
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.02 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.246 W/kg

SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (measured) = 0.208 W/kg



#28_FR1 n41_100M_BPSK_1_137_Right Side_10mm_Ch518598

Communication System: NR; Frequency: 2592.99 MHz; Duty Cycle: 1:1

Medium: HSL_2600_210719 Medium parameters used : $f = 2592.99$ MHz; $\sigma = 1.95$ S/m; $\epsilon_r = 38.57$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.73, 7.73, 7.73) @ 2592.99 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: Twin-SAM V8.0 (30deg probe tilt)_Left; Type: QD 000 P41 Ax; Serial: 1303
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.21 W/kg

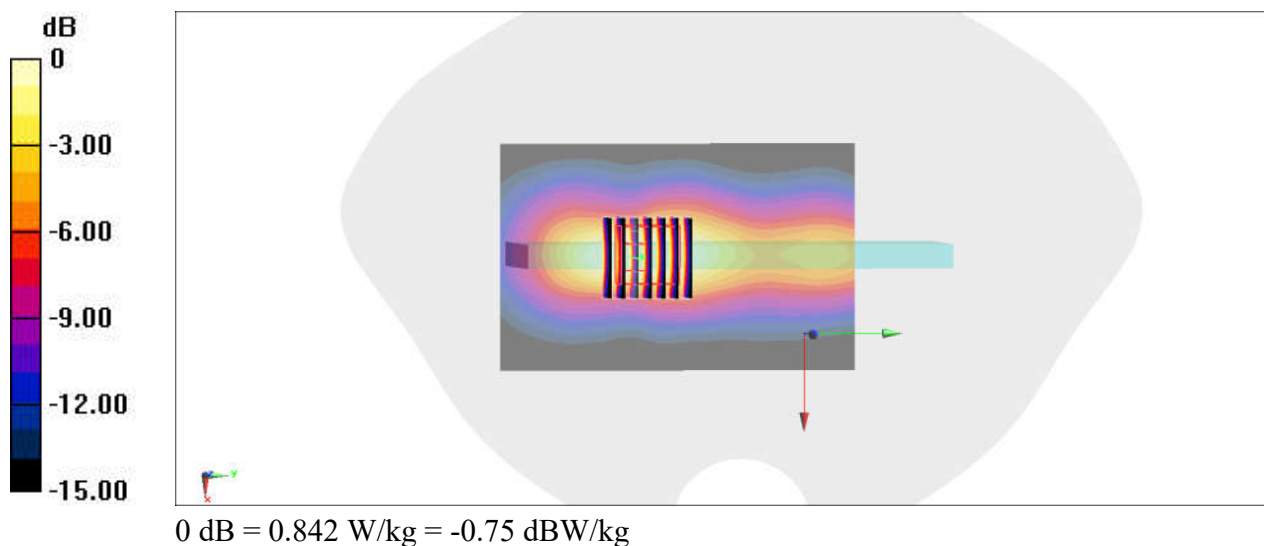
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.78 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.347 W/kg

Maximum value of SAR (measured) = 0.842 W/kg



#29_WLAN2.4GHz_802.11b 1Mbps_Top Side_10mm_Ch12

Communication System: 802.11b ; Frequency: 2467 MHz; Duty Cycle: 1:1.011

Medium: HSL_2450_210711 Medium parameters used: $f = 2467$ MHz; $\sigma = 1.813$ S/m; $\epsilon_r = 39.818$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.61, 4.61, 4.61) @ 2467 MHz; Calibrated: 2020/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2021/1/7
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.829 W/kg

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

Reference Value = 18.61 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.320 W/kg

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

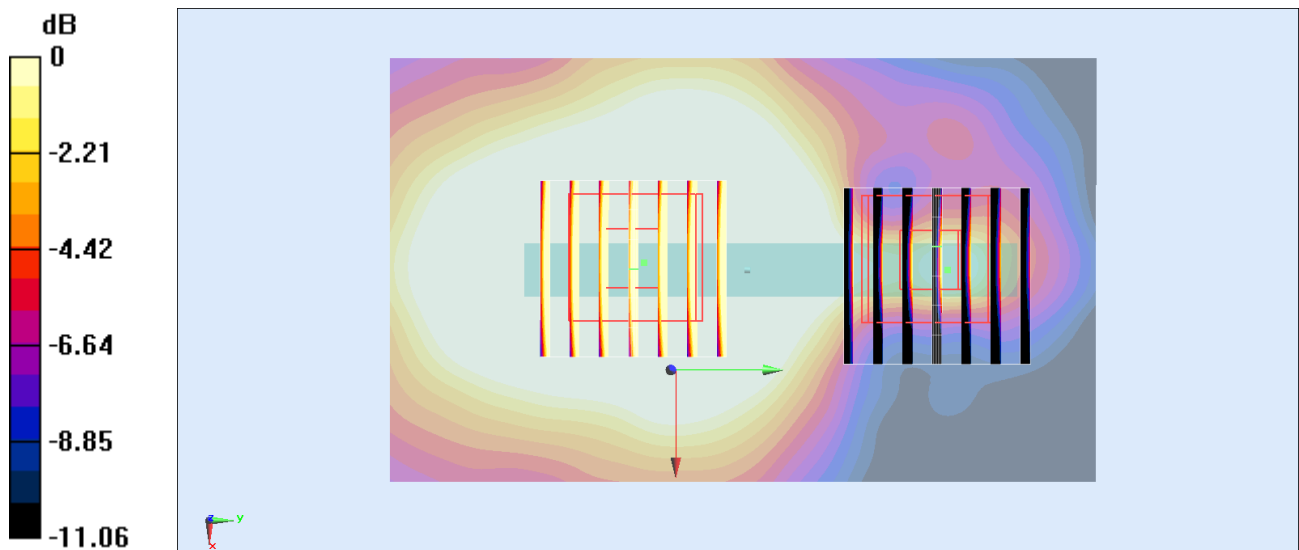
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.61 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.145 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (measured) = 0.0834 W/kg



0 dB = 0.0834 W/kg = -10.79 dBW/kg

#30_WLAN5GHz_802.11n-HT40 MCS0_Left Side_10mm_Ch46

Communication System: 802.11n ; Frequency: 5270 MHz; Duty Cycle: 1:1.040

Medium: HSL_5G_210710 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.655$ S/m; $\epsilon_r = 35.842$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.54, 5.54, 5.54) @ 5270 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2021/1/19
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x131x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

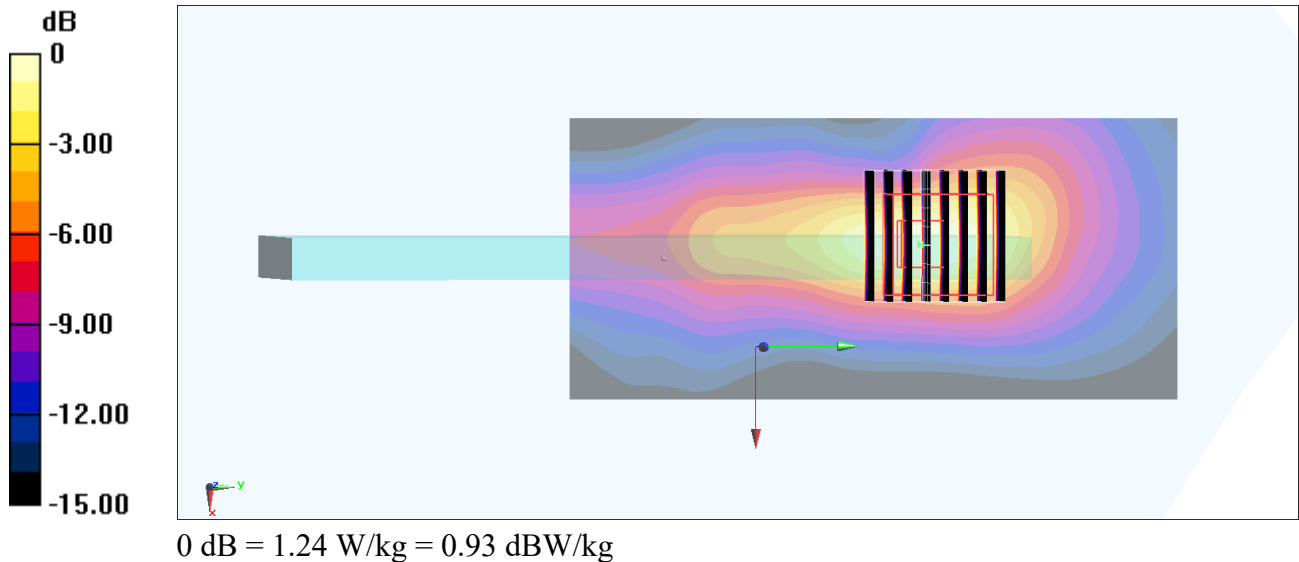
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 12.15 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.188 W/kg

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



#31_WLAN5GHz_802.11ac-VHT80 MCS0_Back_10mm_Ch155

Communication System: 802.11ac ; Frequency: 5775 MHz; Duty Cycle: 1:1.139

Medium: HSL_5G_210710 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.17$ S/m; $\epsilon_r = 35.131$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.27, 5.27, 5.27) @ 5775 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2021/1/19
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

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

Reference Value = 13.89 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.446 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 1.13 W/kg

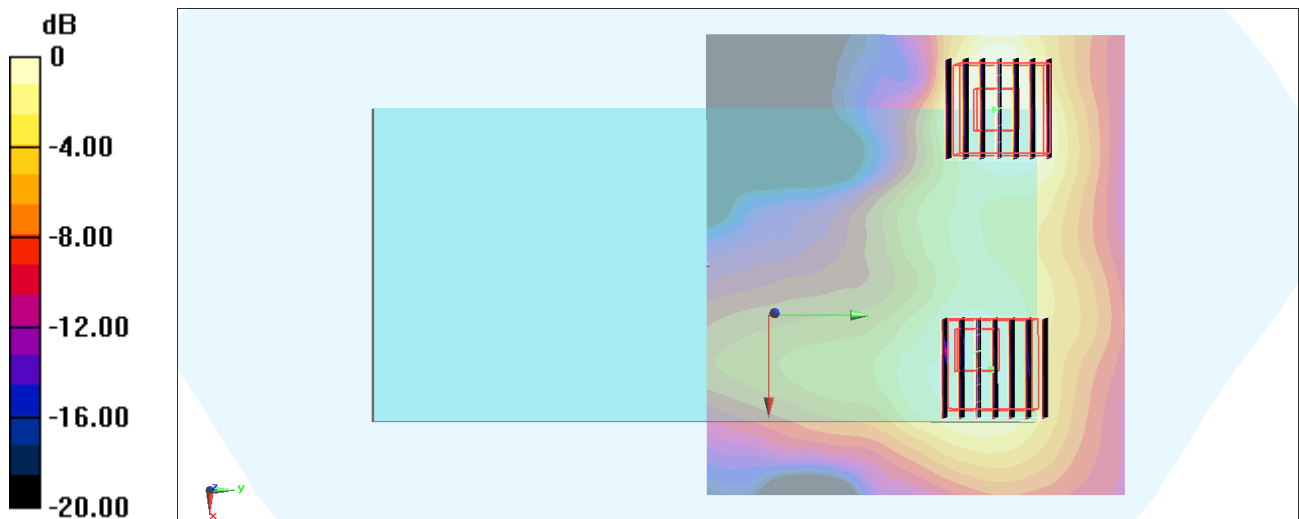
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.89 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.842 W/kg

SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.474 W/kg



0 dB = 0.474 W/kg = -3.24 dBW/kg

#32_Bluetooth_1Mbps_Top Side_10mm_Ch0

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.301

Medium: HSL_2450_210712 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.768$ S/m; $\epsilon_r = 40.358$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.61, 4.61, 4.61) @ 2402 MHz; Calibrated: 2020/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2021/1/7
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.329 W/kg

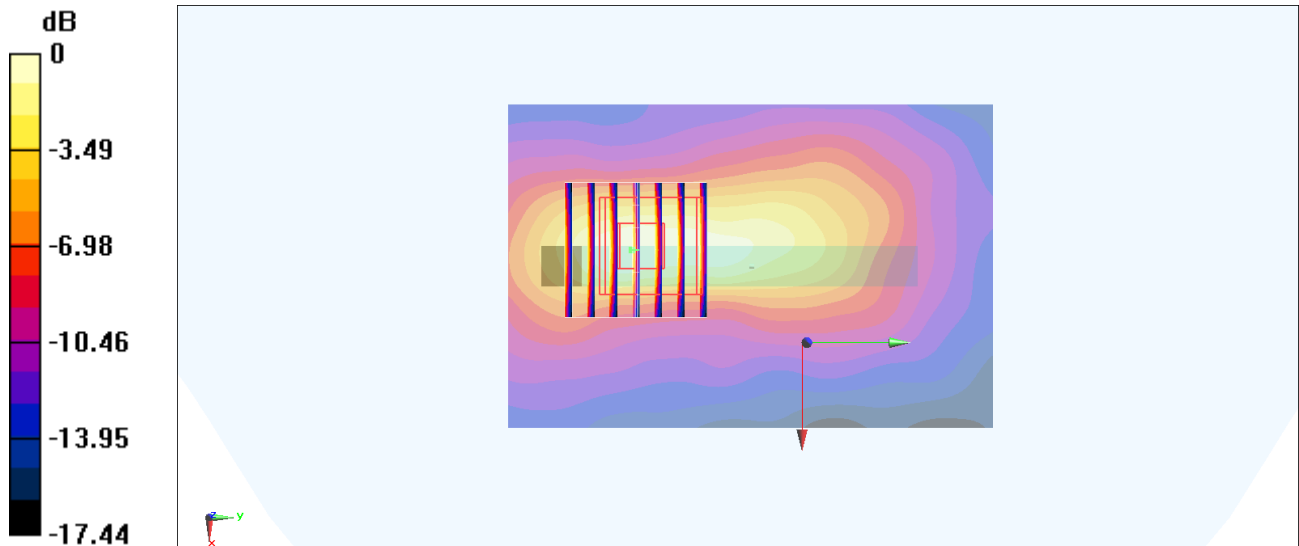
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.49 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.395 W/kg

SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.303 W/kg



0 dB = 0.303 W/kg = -5.19 dBW/kg

#33_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch251

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: HSL_835_210630 Medium parameters used: $f = 849$ MHz; $\sigma = 0.906$ S/m; $\epsilon_r = 42.734$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.81, 9.81, 9.81) @ 848.8 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.788 W/kg

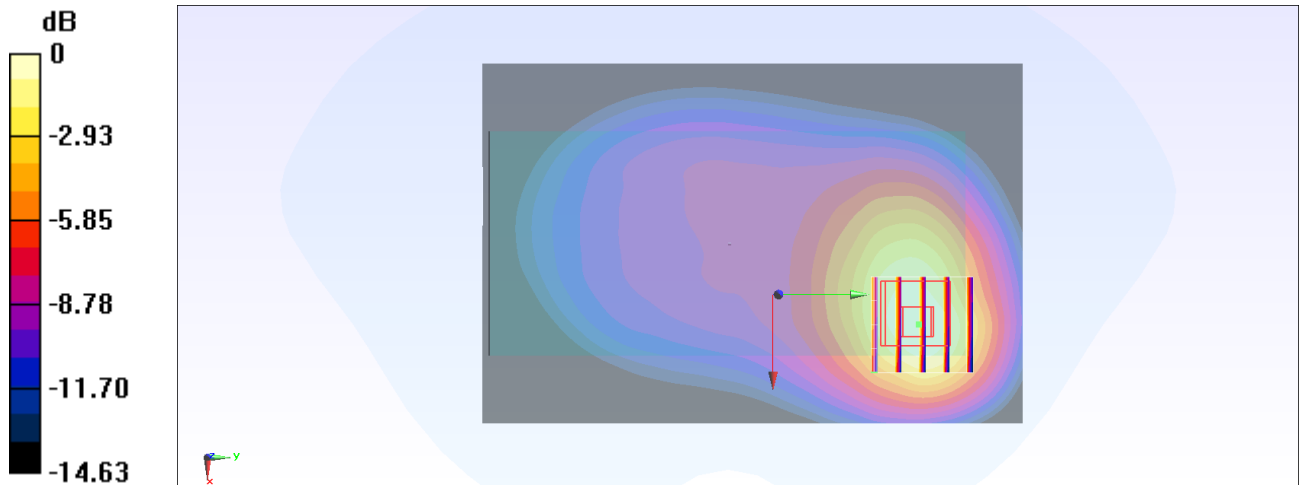
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.50 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.863 W/kg

SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.328 W/kg

Maximum value of SAR (measured) = 0.746 W/kg



0 dB = 0.746 W/kg = -1.27 dBW/kg

#34_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL_835_210629 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.877$ S/m; $\epsilon_r = 42.541$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.81, 9.81, 9.81) @ 836.4 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.572 W/kg

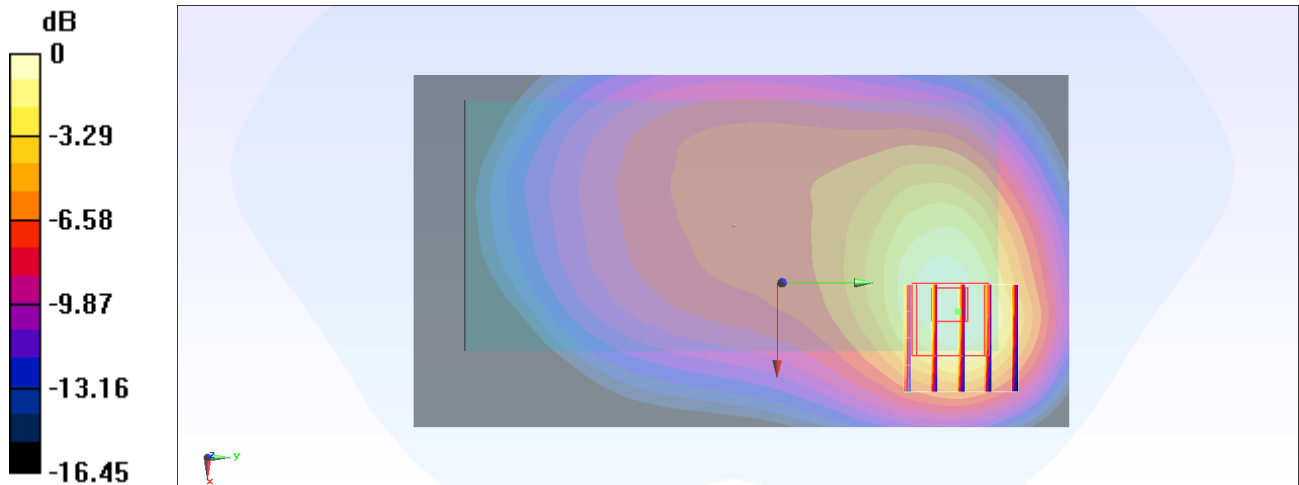
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.73 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.624 W/kg

SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.543 W/kg



0 dB = 0.543 W/kg = -2.65 dBW/kg

#35_LTE Band 12_10M_QPSK_1_25_Back_10mm_Ch23095

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

Medium: HSL_750_210629 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 43.158$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.19, 10.19, 10.19) @ 707.5 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.312 W/kg

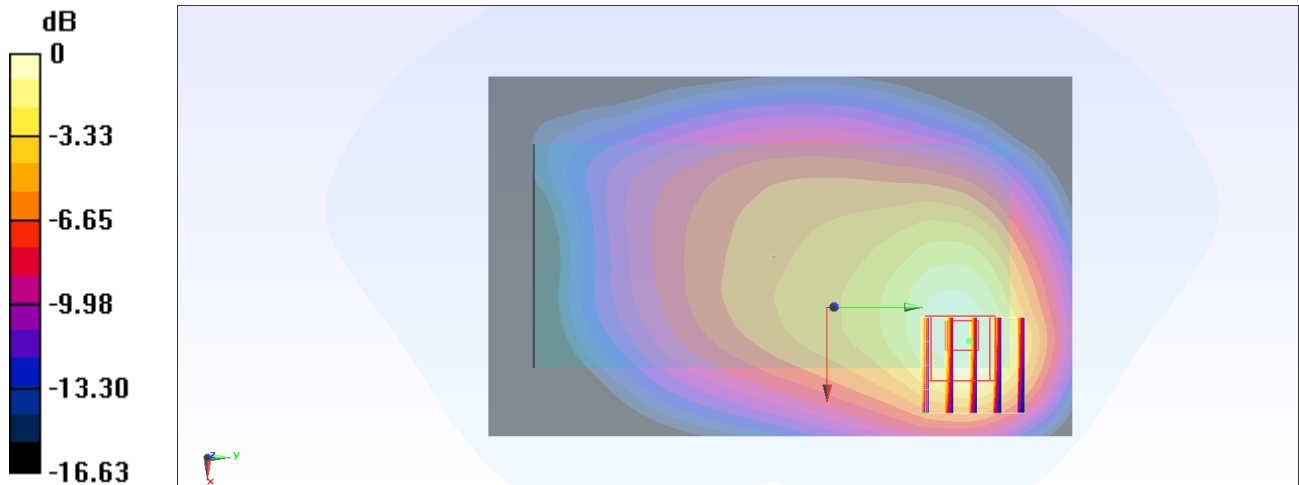
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.36 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.135 W/kg

Maximum value of SAR (measured) = 0.295 W/kg



0 dB = 0.295 W/kg = -5.30 dBW/kg

#36_LTE Band 13_10M_QPSK_1_0_Back_10mm_Ch23230

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

Medium: HSL_750_210629 Medium parameters used: $f = 782$ MHz; $\sigma = 0.907$ S/m; $\epsilon_r = 42.545$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.19, 10.19, 10.19) @ 782 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

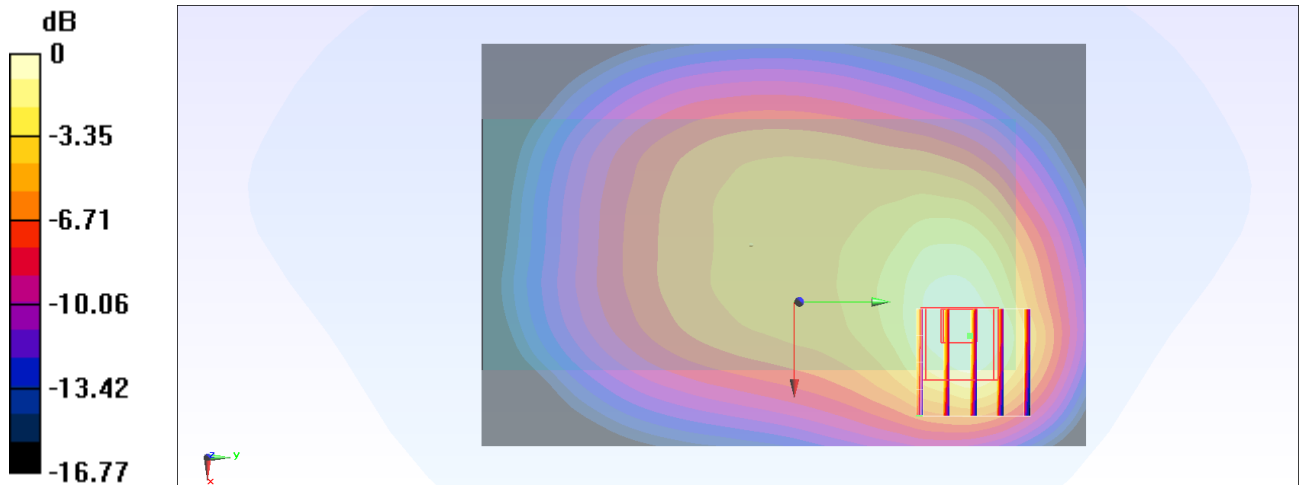
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.70 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.536 W/kg

SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.208 W/kg

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



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

#37_LTE Band 14_10M_QPSK_1_0_Back_10mm_Ch23330

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

Medium: HSL_750_210629 Medium parameters used: $f = 793$ MHz; $\sigma = 0.911$ S/m; $\epsilon_r = 42.482$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.19, 10.19, 10.19) @ 793 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.577 W/kg

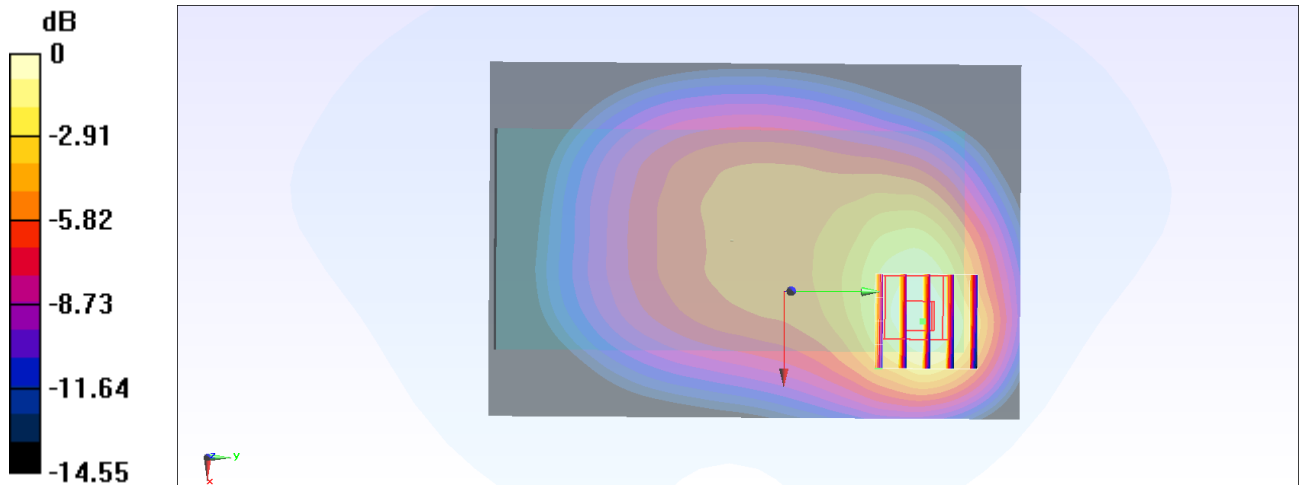
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.10 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.636 W/kg

SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.259 W/kg

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



0 dB = 0.559 W/kg = -2.53 dBW/kg

#38_LTE Band 26_15M_QPSK_1_0_Back_10mm_Ch26865

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

Medium: HSL_835_210630 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 42.955$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.81, 9.81, 9.81) @ 831.5 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

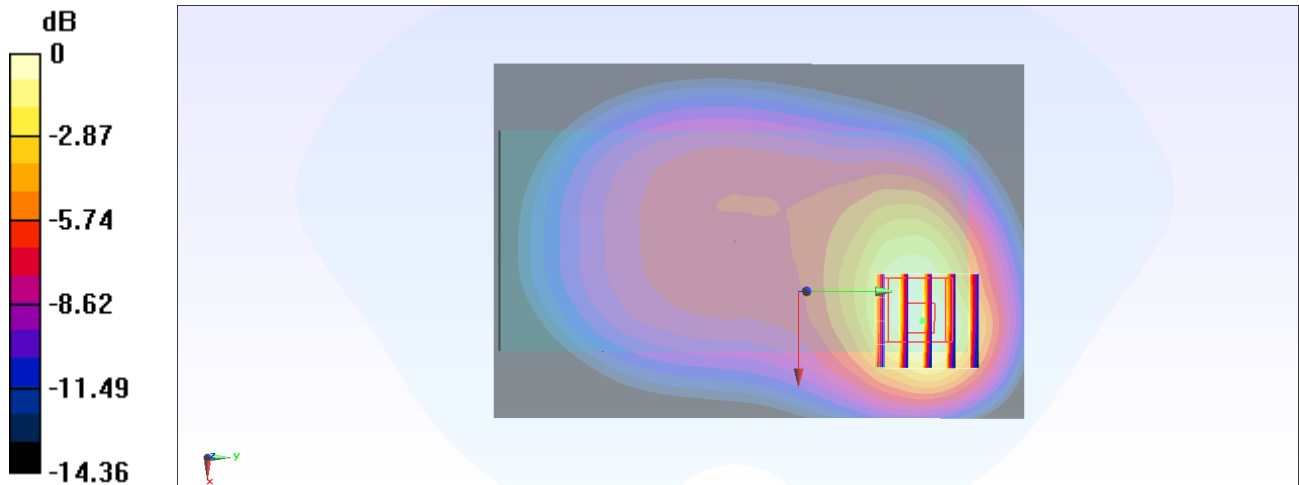
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.31 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.632 W/kg

SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.249 W/kg

Maximum value of SAR (measured) = 0.548 W/kg



0 dB = 0.548 W/kg = -2.61 dBW/kg

#39_LTE Band 71_20M_QPSK_1_0_Back_10mm_Ch133322

Communication System: LTE; Frequency: 683 MHz; Duty Cycle: 1:1

Medium: HSL_750_210630 Medium parameters used: $f = 683$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 42.755$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.19, 10.19, 10.19) @ 683 MHz; Calibrated: 2020/10/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (81x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

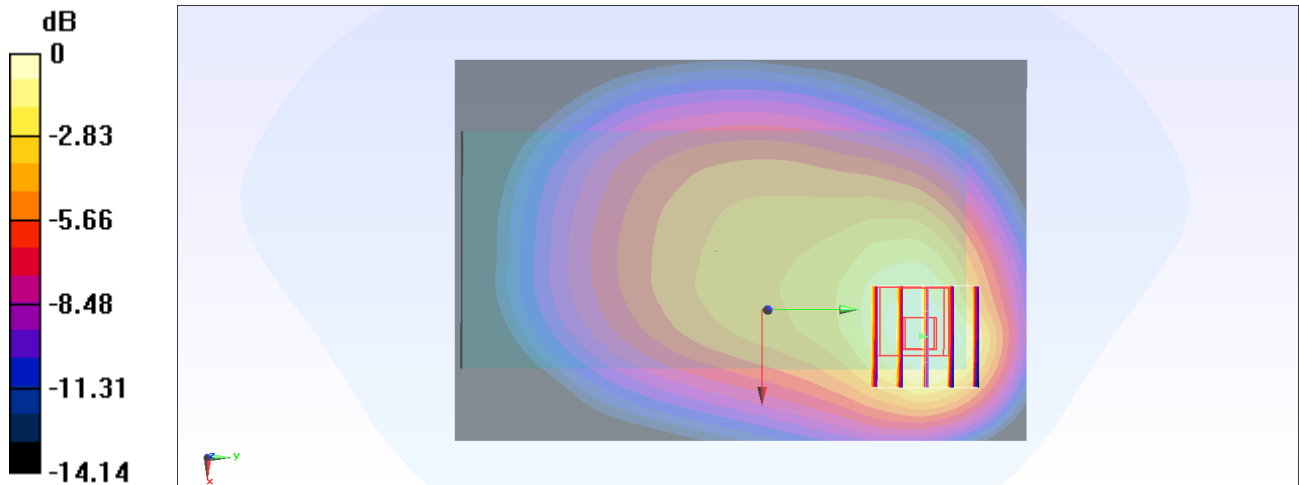
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.24 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.107 W/kg

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



0 dB = 0.224 W/kg = -6.50 dBW/kg

#40_FR1 n5_20M_BPSK_1_53_Back_10mm_Ch167300

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

Medium: HSL_850_210630 Medium parameters used : $f = 836.5$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 42.68$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(9.95, 9.95, 9.95) @ 836.5 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.475 W/kg

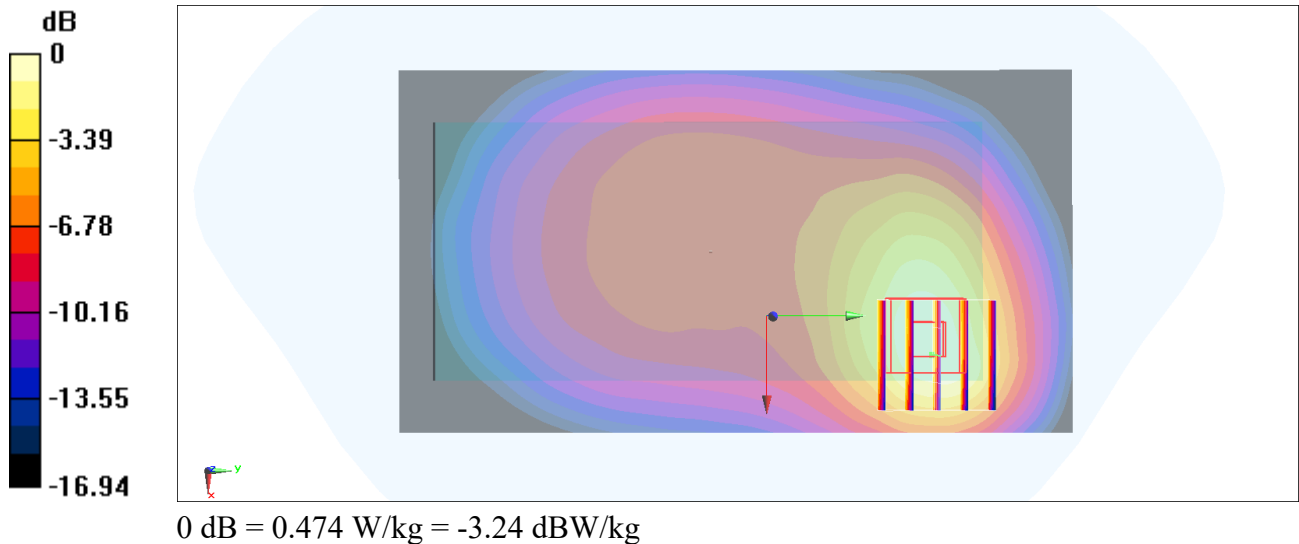
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.28 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.559 W/kg

SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.203 W/kg

Maximum value of SAR (measured) = 0.474 W/kg



#41_LTE FR1 n12_15M_BPSK_1_1_Back_10mm_Ch141500

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

Medium: HSL_750_210630 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.874$ S/m; $\epsilon_r = 42.967$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(10.26, 10.26, 10.26) @ 707.5 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.290 W/kg

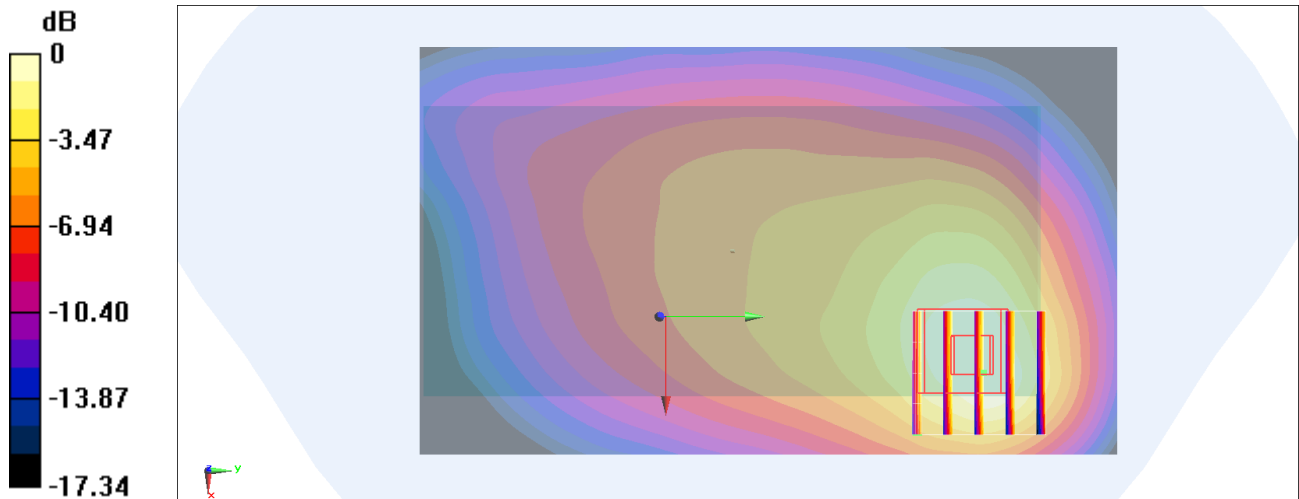
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.75 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.275 W/kg



0 dB = 0.275 W/kg = -5.61 dBW/kg

#42_LTE FR1 n71_20M_BPSK_1_53_Back_10mm_Ch136100

Communication System: NR; Frequency: 680.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_210630 Medium parameters used: $f = 680.5$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 43.065$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(10.26, 10.26, 10.26) @ 680.5 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2020/11/23
- Phantom: SAM_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

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

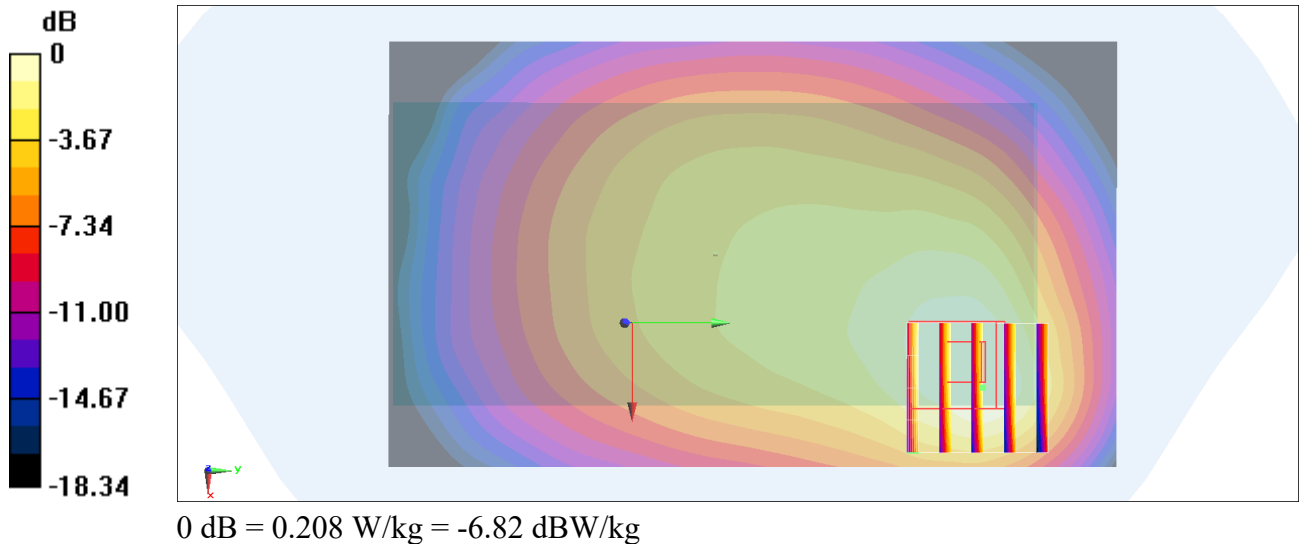
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.02 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.246 W/kg

SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (measured) = 0.208 W/kg



#43_LTE FR1 n41_100M_BPSK_1_137_Back_10mm_Ch518598

Communication System: NR; Frequency: 2592.99 MHz; Duty Cycle: 1:1

Medium: HSL_2600_210719 Medium parameters used : $f = 2592.99$ MHz; $\sigma = 1.95$ S/m; $\epsilon_r = 38.57$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.73, 7.73, 7.73) @ 2592.99 MHz; Calibrated: 2021/4/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: Twin-SAM V8.0 (30deg probe tilt)_Left; Type: QD 000 P41 Ax; Serial: 1303
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.836 W/kg

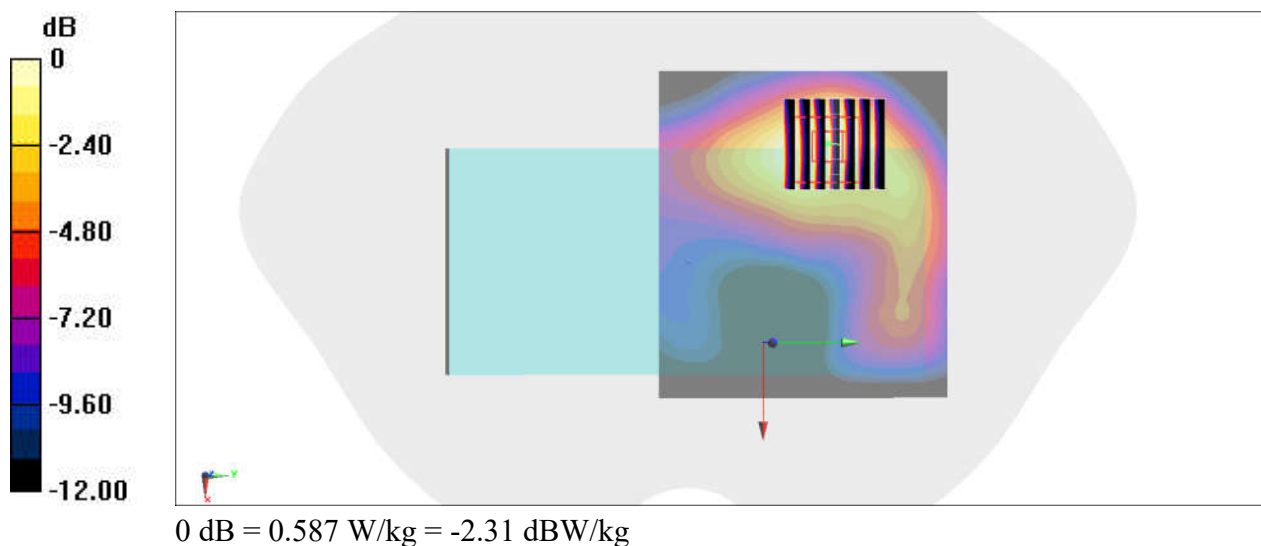
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.41 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.246 W/kg

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



#44_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch12

Communication System: 802.11b; Frequency: 2467 MHz; Duty Cycle: 1:1.011

Medium: HSL_2450_210719 Medium parameters used : $f = 2467$ MHz; $\sigma = 1.817$ S/m; $\epsilon_r = 38.081$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.61, 4.61, 4.61) @ 2467 MHz; Calibrated: 2020/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2021/1/7
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

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

Reference Value = 15.71 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.632 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.230 W/kg

Maximum value of SAR (measured) = 0.503 W/kg

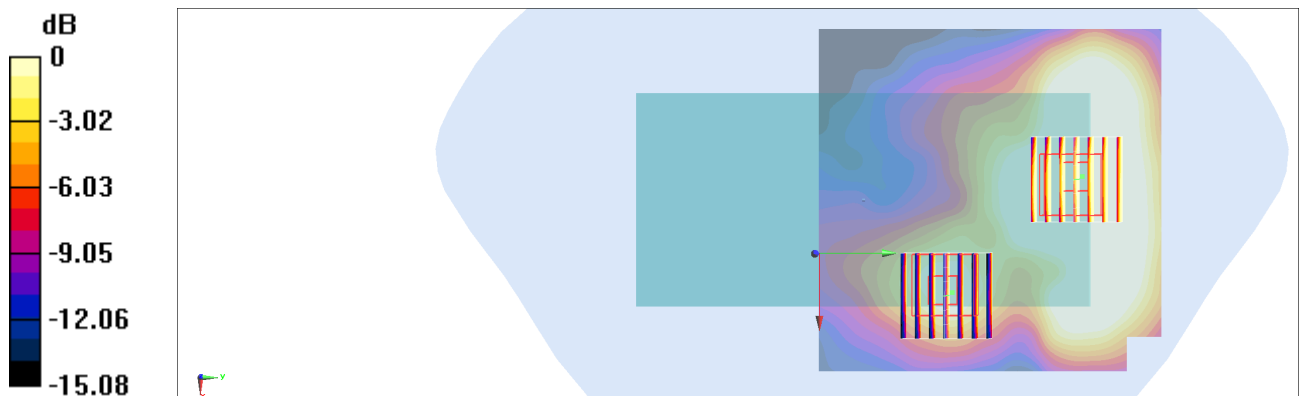
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 15.71 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.181 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.123 W/kg



0 dB = 0.123 W/kg = -9.10 dBW/kg

#45_WLAN5GHz_802.11n-HT40 MCS0_Back_10mm_Ch46

Communication System: 802.11n; Frequency: 5230 MHz; Duty Cycle: 1:1.040

Medium: HSL_5G_210708 Medium parameters used: $f = 5230$ MHz; $\sigma = 4.635$ S/m; $\epsilon_r = 37.636$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.54, 5.54, 5.54) @ 5230 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2021/1/19
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (111x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.42 W/kg

Zoom Scan (7x7x17)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.30 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.209 W/kg

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

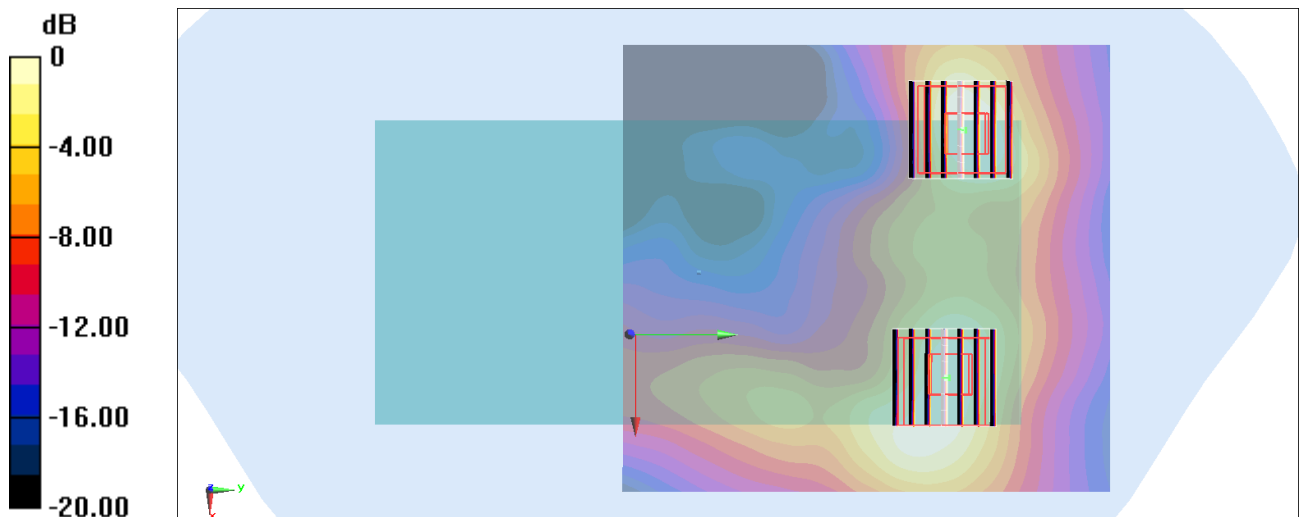
Zoom Scan (7x7x17)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.30 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.199 W/kg

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



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

#46_WLAN5GHz_802.11ac-VHT80 MCS0_Back_10mm_Ch122

Communication System: 802.11ac ; Frequency: 5610 MHz; Duty Cycle: 1:1.139

Medium: HSL_5G_210710 Medium parameters used : $f = 5610$ MHz; $\sigma = 4.993$ S/m; $\epsilon_r = 35.351$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.02, 5.02, 5.02) @ 5610 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2021/1/19
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

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

Reference Value = 15.37 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.92 W/kg

SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.224 W/kg

Maximum value of SAR (measured) = 1.76 W/kg

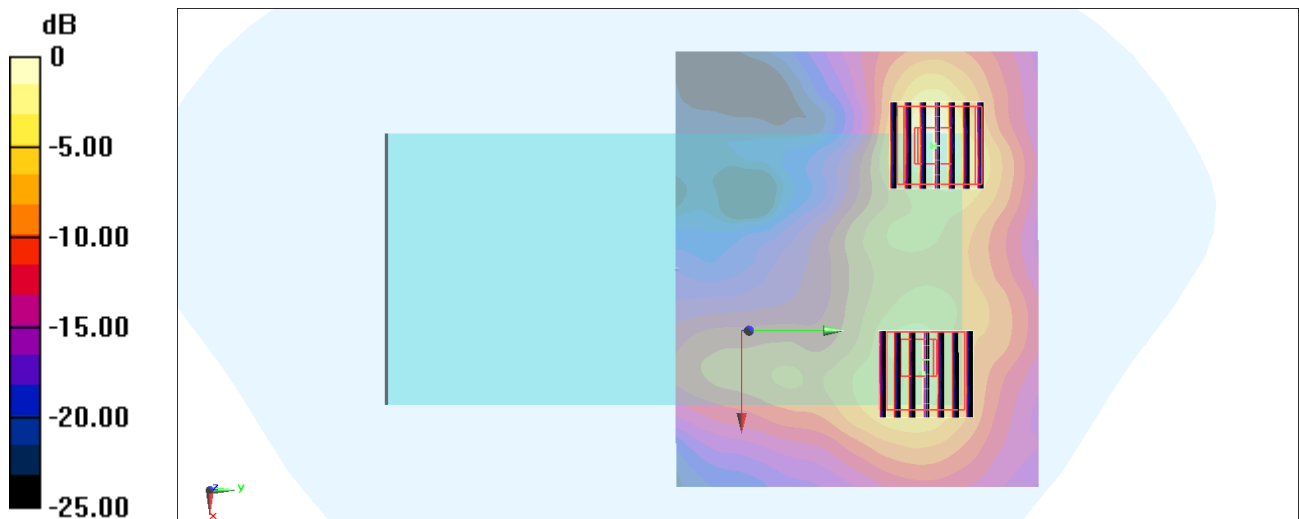
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 15.37 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.126 W/kg

Maximum value of SAR (measured) = 0.706 W/kg



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

#47_WLAN5GHz_802.11ac-VHT80 MCS0_Back_10mm_Ch155

Communication System: 802.11ac ; Frequency: 5775 MHz; Duty Cycle: 1:1.139

Medium: HSL_5G_210710 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.17$ S/m; $\epsilon_r = 35.131$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.27, 5.27, 5.27) @ 5775 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2021/1/19
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (121x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

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

Reference Value = 14.16 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.92 W/kg

SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 1.66 W/kg

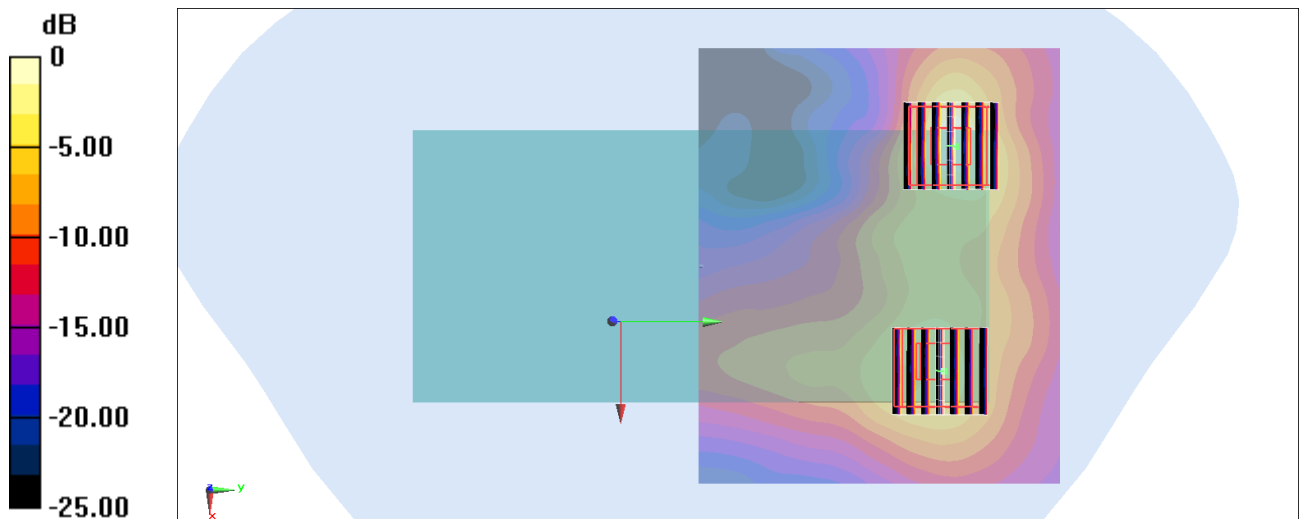
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 14.16 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.120 W/kg

Maximum value of SAR (measured) = 0.687 W/kg



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

#48_Bluetooth_1Mbps_Back_10mm_Ch0

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.294

Medium: HSL_2450_210712 Medium parameters used : $f = 2402$ MHz; $\sigma = 1.768$ S/m; $\epsilon_r = 40.358$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.61, 4.61, 4.61) @ 2402 MHz; Calibrated: 2020/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2021/1/7
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.178 W/kg

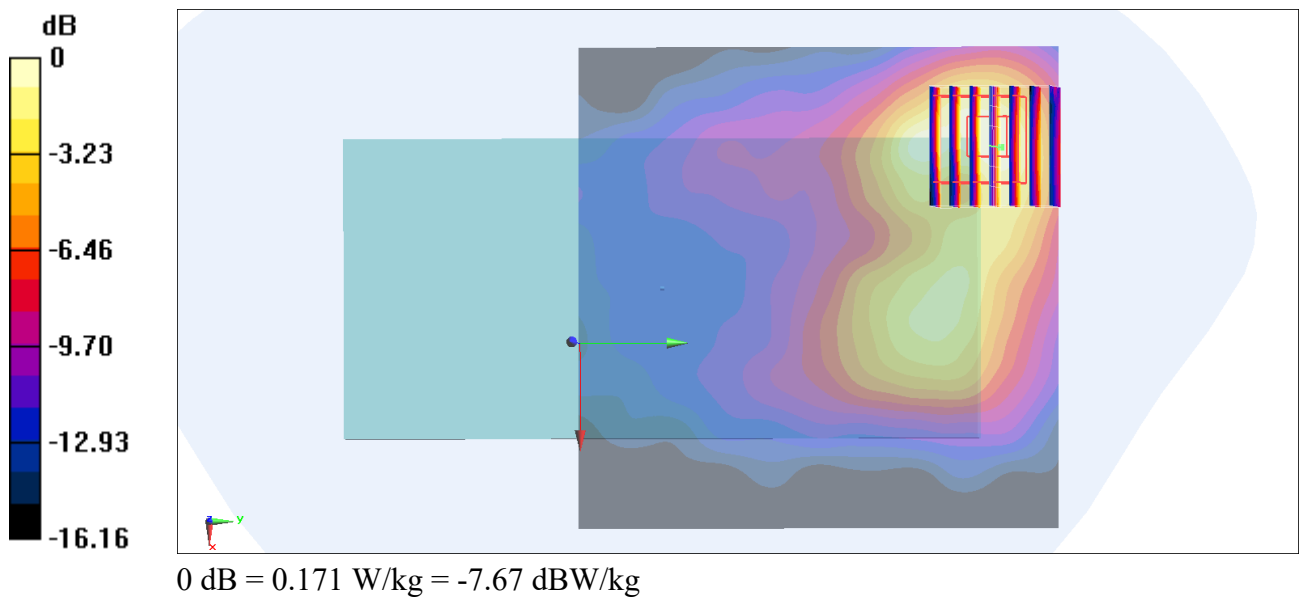
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.069 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.061 W/kg

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



#49_WLAN6E_802.11ax-HE160 MCS0_Back_10mm_Ch207

Communication System: 802.11ax; Frequency: 6985.0

Medium: HSL_6G_210712 Medium parameters used: $f = 6985.0$ MHz; $\sigma = 6.70$ S/m; $\epsilon_r = 34.8$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.95, 4.95, 4.95); Calibrated: 2021-02-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn778; Calibrated: 2021-05-21
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: , 0--
- MAIA: Area Scan: N/A; Zoom Scan: N/A

Area Scan (102.0 mm x 119.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.122 W/kg; SAR (10g) = 0.036 W/kg;

Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm)/Cube 0: Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

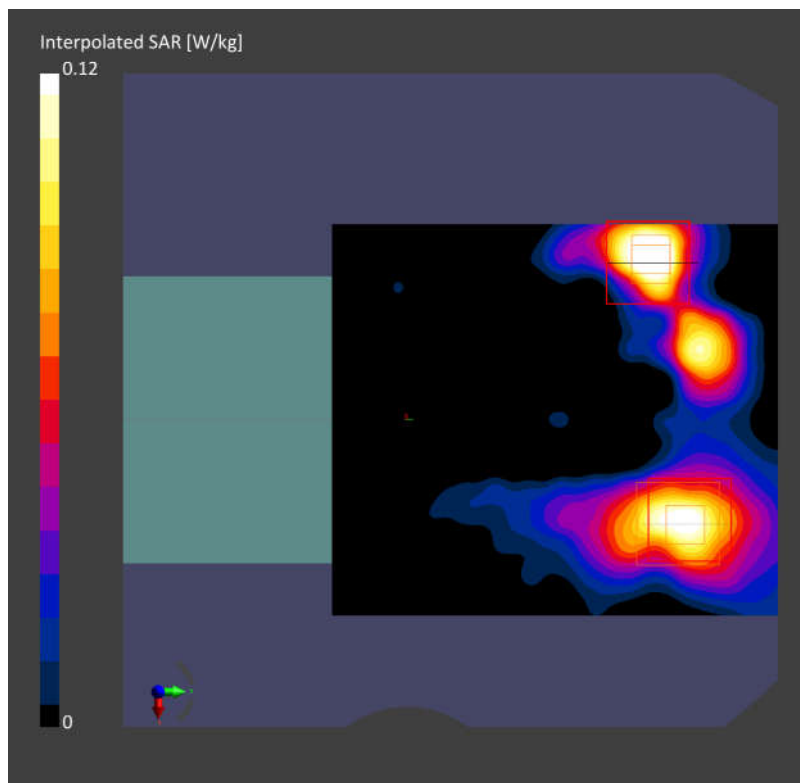
Power Drift = 0.01 dB

SAR (1g) = 0.13 W/kg; SAR (10g) = 0.04 W/kg;

Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm)/Cube 1: Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 0.102 W/kg; SAR (10g) = 0.035 W/kg;



#50_WLAN5GHz_802.11n-HT40 MCS0_Left Side_0mm_Ch54

Communication System: 802.11n ; Frequency: 5270 MHz; Duty Cycle: 1:1.040

Medium: HSL_5G_210710 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.655$ S/m; $\epsilon_r = 35.842$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.54, 5.54, 5.54) @ 5270 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2021/1/19
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x131x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 19.2 W/kg

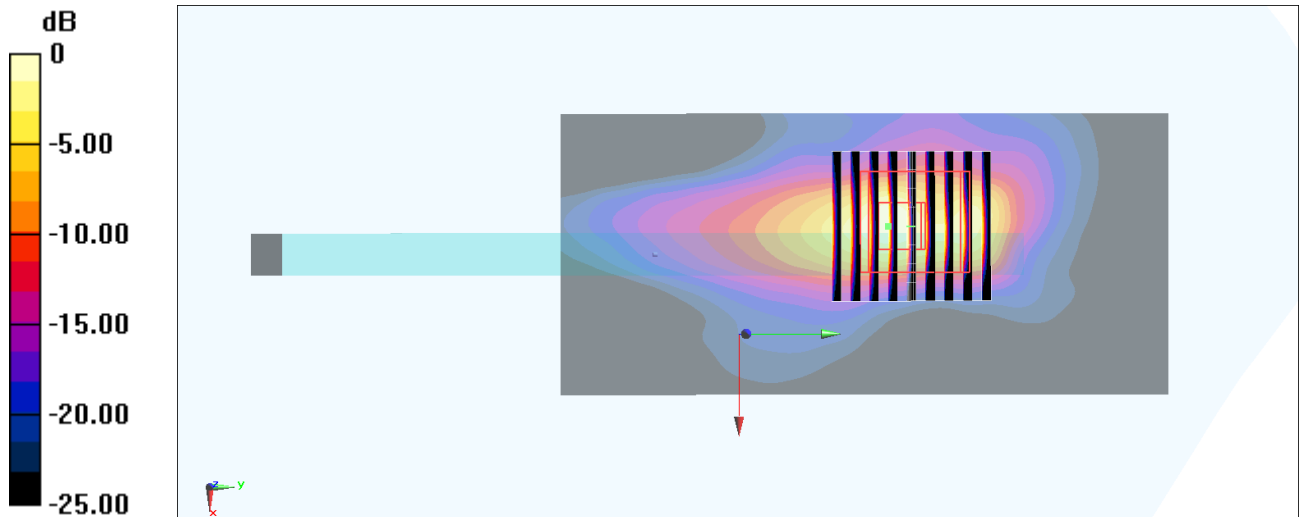
Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 23.62 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 92.9 W/kg

SAR(1 g) = 10.8 W/kg; SAR(10 g) = 2.45 W/kg

Maximum value of SAR (measured) = 40.6 W/kg



0 dB = 19.2 W/kg = 12.83 dBW/kg

#51_WLAN5GHz_802.11ac-VHT80 MCS0_Left Side_0mm_Ch122

Communication System: 802.11ac ; Frequency: 5610 MHz;Duty Cycle: 1:1.139

Medium: HSL_5G_210710 Medium parameters used : $f = 5610$ MHz; $\sigma = 4.993$ S/m; $\epsilon_r = 35.351$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.02, 5.02, 5.02) @ 5610 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2021/1/19
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

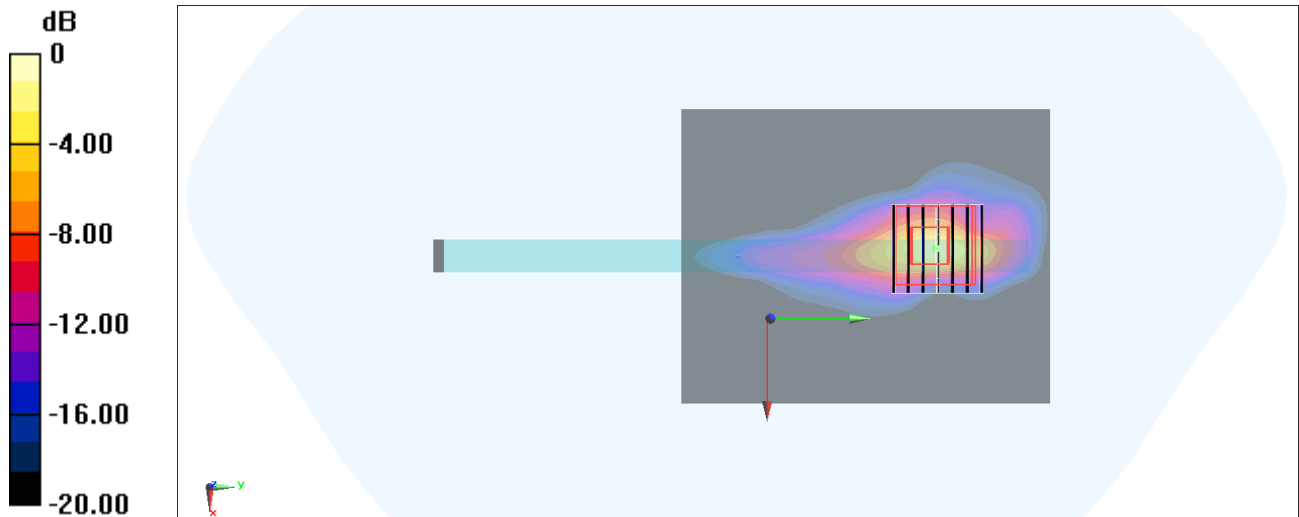
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 26.55 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 37.3 W/kg

SAR(1 g) = 4.27 W/kg; SAR(10 g) = 0.955 W/kg

Maximum value of SAR (measured) = 15.3 W/kg



0 dB = 15.3 W/kg = 11.85 dBW/kg

#52_WLAN5GHz_802.11n-HT40 MCS0_Left Side_0mm_Ch54

Communication System: 802.11n ; Frequency: 5270 MHz; Duty Cycle: 1:1.040

Medium: HSL_5G_210710 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.655$ S/m; $\epsilon_r = 35.842$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.54, 5.54, 5.54) @ 5270 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2021/1/19
- Phantom: SAM_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x131x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 19.2 W/kg

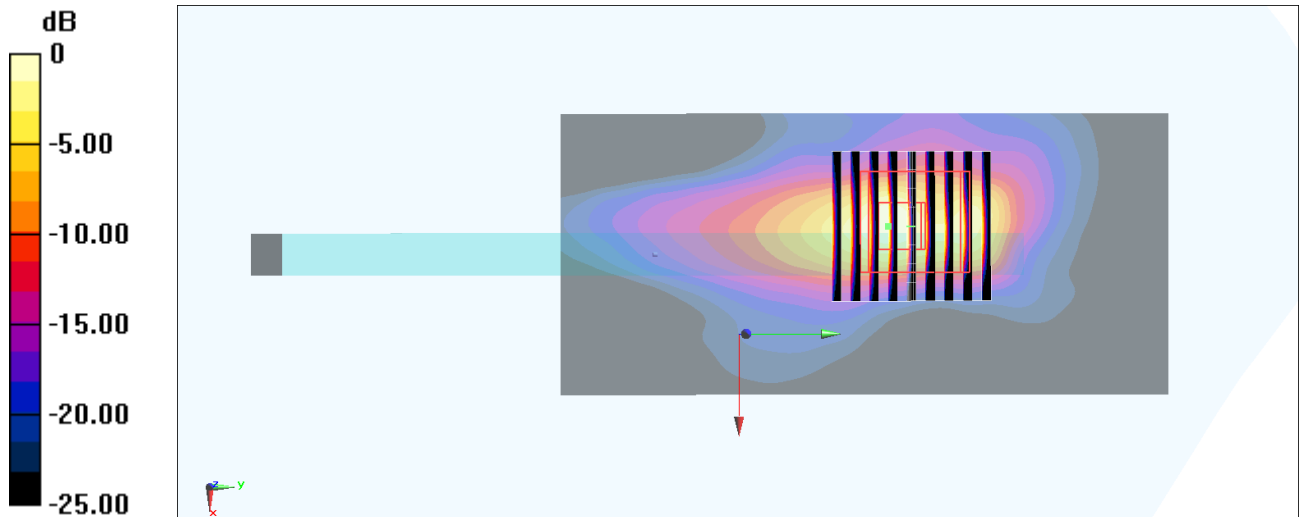
Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 23.62 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 92.9 W/kg

SAR(1 g) = 10.8 W/kg; SAR(10 g) = 2.45 W/kg

Maximum value of SAR (measured) = 40.6 W/kg



0 dB = 19.2 W/kg = 12.83 dBW/kg

#53_WLAN6E_802.11ax-HE160 MCS0_Front_0mm_Ch175

Communication System: 802.11ax; Frequency: 6825.0

Medium: HSL_6G_210712 Medium parameters used: $f = 6825.0$ MHz; $\sigma = 6.52$ S/m; $\epsilon_r = 35.0$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.95, 4.95, 4.95); Calibrated: 2021-02-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn778; Calibrated: 2021-05-21
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: , 0--
- MAIA: Area Scan: N/A; Zoom Scan: N/A

Area Scan (102.0 mm x 119.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 1.00 W/kg; SAR (10g) = 0.297 W/kg;

Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm)/Cube 0: Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

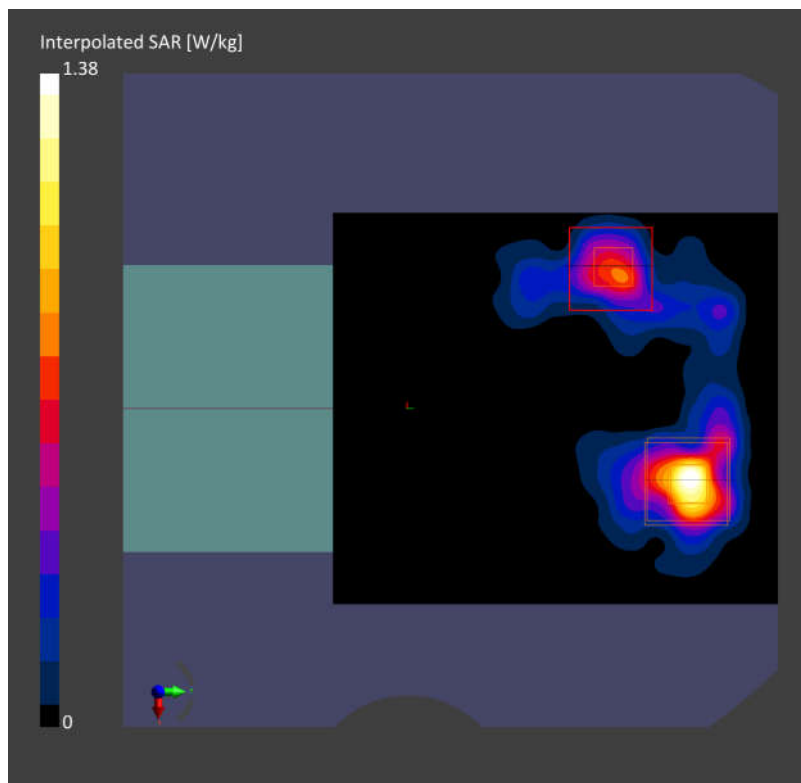
Power Drift = 0.15 dB

SAR (1g) = 1.06 W/kg; SAR (10g) = 0.327 W/kg;

Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm)/Cube 1: Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.15 dB

SAR (1g) = 0.784 W/kg; SAR (10g) = 0.184 W/kg;



#54_WLAN6GHz_802.11ax-HE160 MCS0_Front_2mm_Ch15;Ant 4+3

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	158.5 x 74.8 x 9.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	FRONT, 2.00	U-NII-5	WLAN, 10743-AAC	6025.0, 15	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1044	Air –	EUmmWV3 – SN9424_F1-55GHz, 2021-03-23	DAE4 Sn778, 2021-05-21

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	100.0 x 100.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2021-07-08, 14:44
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.55
psPDtot+ [W/m ²]	3.96
psPDmod+ [W/m ²]	4.64
E _{max} [V/m]	70.6
Power Drift [dB]	-0.09

