

Date: 2024-10-28

#51_FR1 n48_40M_BPSK_1_1_Left Edge_0mm_Ch641666

Communication System: 5G NR ; Frequency: 3624.985 MHz

Medium: HSL_3700_241028 Medium parameters used: $f = 3624.985$ MHz; $\sigma = 3.04$ S/m; $\epsilon_r = 37.5$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(6.28, 5.97, 5.91); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 TDD, 10903-AAD

Area Scan (80.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.491 W/kg; SAR (10g) = 0.188 W/kg;

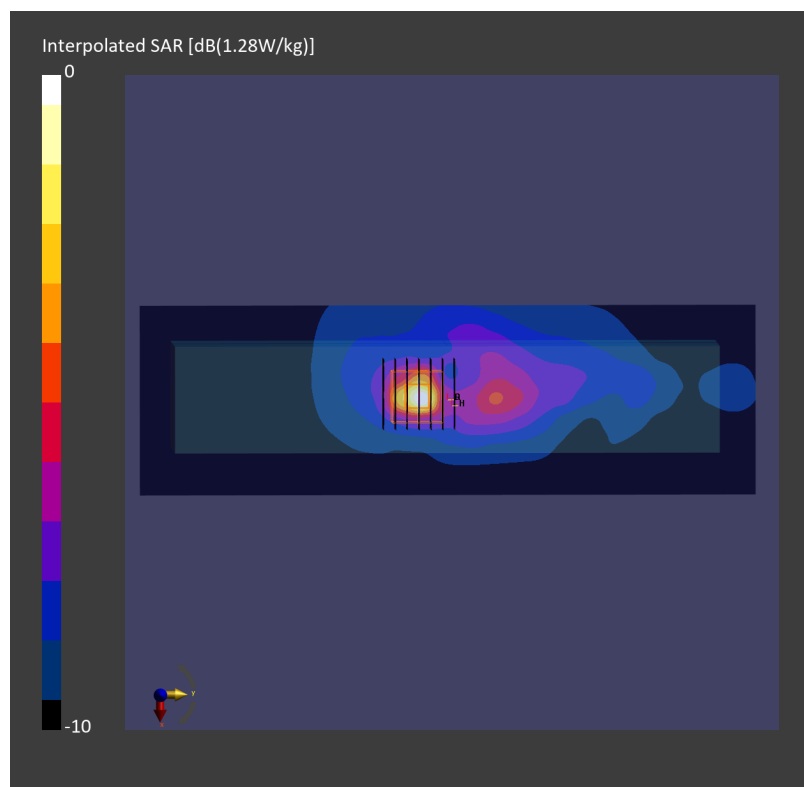
Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = 0.04 dB

SAR (1g) = 0.530 W/kg; SAR (8g) = 0.227 W/kg; SAR (10g) = 0.199 W/kg

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 83.2 %



Date: 2024-10-21

#52_FR1 n77_100M_BPSK_1_1_Left Edge_0mm_Ch633332

Communication System: 5G NR; Frequency: 3499.980 MHz

Medium: HSL_3500_241021 Medium parameters used: $f = 3499.980$ MHz; $\sigma = 2.97$ S/m; $\epsilon_r = 37.6$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(6.33, 6.03, 5.95); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 TDD, 10866-AAF

Area Scan (80.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.634 W/kg; SAR (10g) = 0.311 W/kg;

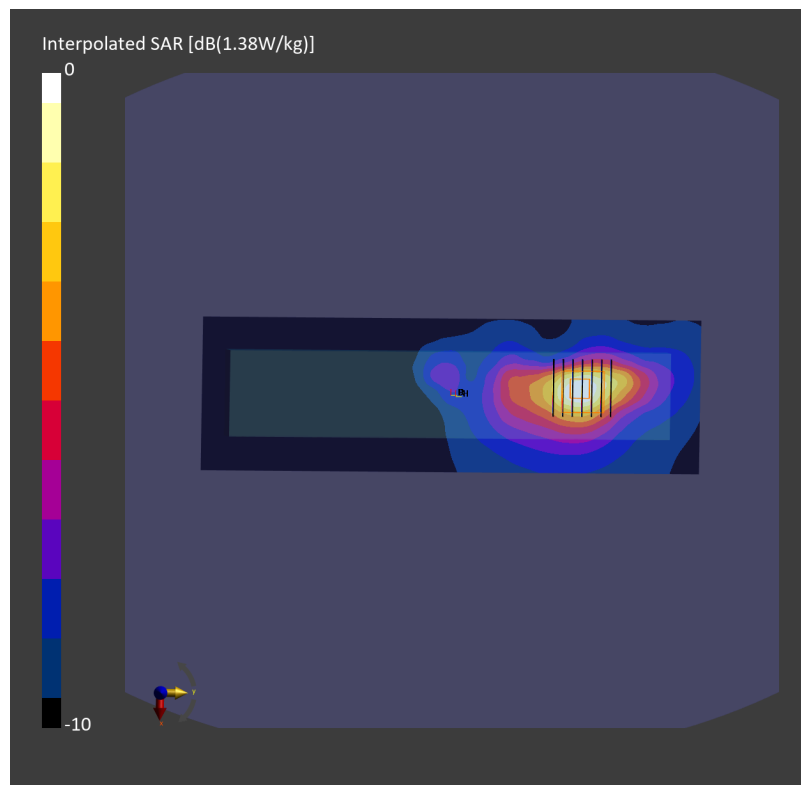
Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = 0.03 dB

SAR (1g) = 0.626 W/kg; SAR (8g) = 0.331 W/kg; SAR (10g) = 0.303 W/kg

Smallest distance from peaks to all points 3 dB below = 12.7 mm

Ratio of SAR at M2 to SAR at M1 = 78.0 %



Date: 2024-10-26

#53_WLAN2.4GHz_802.11b 1Mbps_Front_0mm_Ch11

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2462.000 MHz
Medium: HSL_2450_241026 Medium parameters used: $f = 2462.000$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 40.2$
Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(6.88, 6.53, 6.42); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10415-AAA

Area Scan (160.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.062 W/kg; SAR (10g) = 0.036 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.18 dB

SAR (1g) = 0.062 W/kg; SAR (8g) = 0.038 W/kg; SAR (10g) = 0.036 W/kg

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 84.4 %

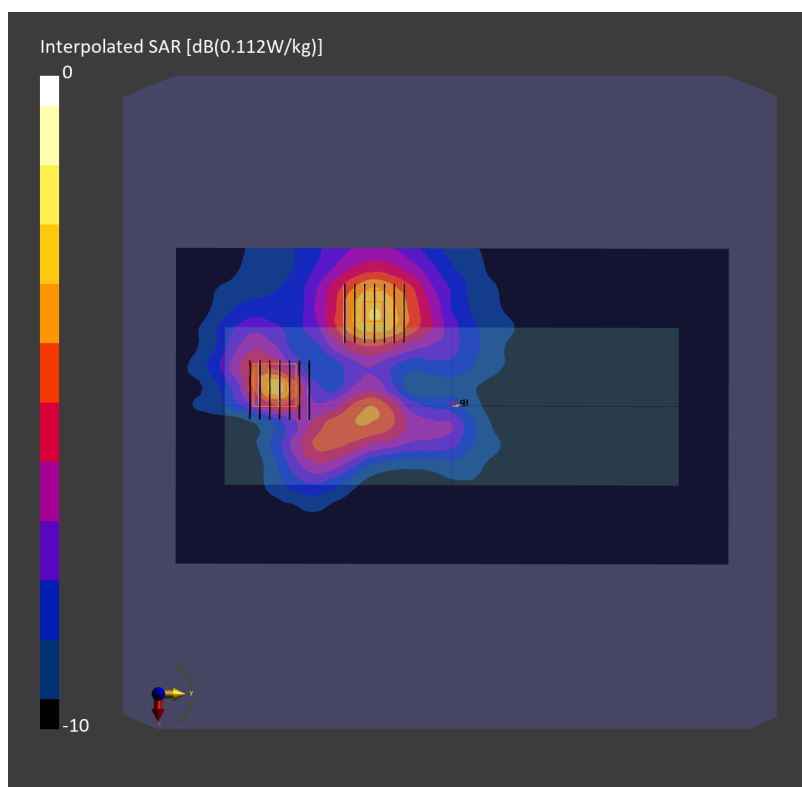
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.18 dB

SAR (1g) = 0.055 W/kg; SAR (8g) = 0.030 W/kg; SAR (10g) = 0.028 W/kg

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 84.4 %



#54_WLAN5GHz_802.11n-HT40 MCS0_Left Edge_0mm_Ch54

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

- UID: WLAN, 10599-AAD

SAR (1g) = 0.092 W/kg; SAR (10g) = 0.035 W/kg;

Ratio of SAR at M2 to SAR at M1 = 63.7 %



Date: 2024-10-29

#55_WLAN5GHz_802.11ac-VHT80 MCS0_Left Edge_0mm_Ch122

Communication System: IEEE 802.11ac WiFi; Frequency: 5610.000 MHz

Medium: HSL_5G_241029 Medium parameters used: $f = 5610.000$ MHz; $\sigma = 5.12$ S/m; $\epsilon_r = 36.0$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.44, 4.3, 4.23); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (160.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.173 W/kg; SAR (10g) = 0.052 W/kg;

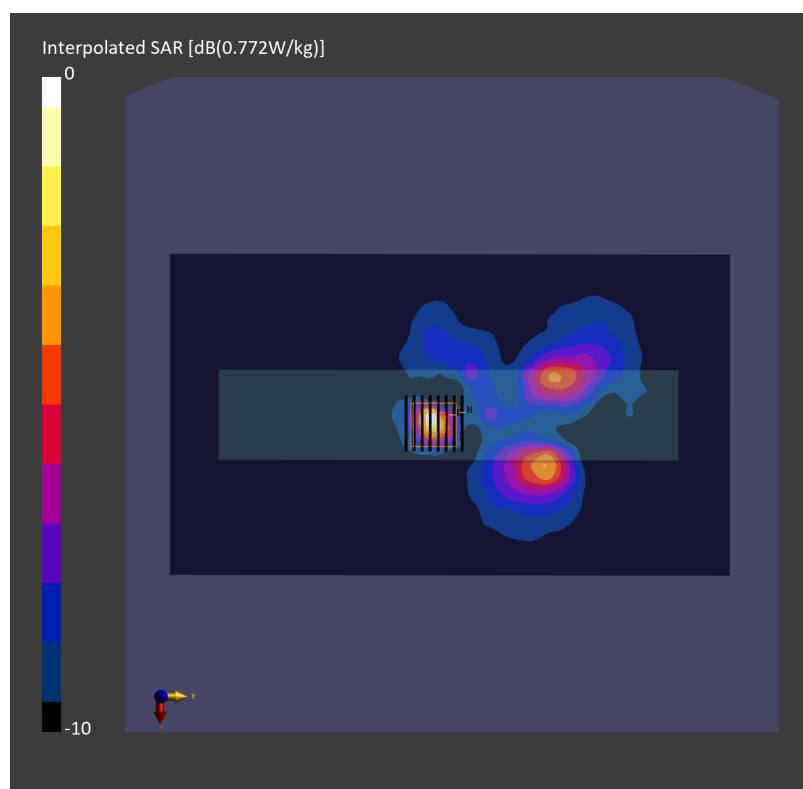
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.05 dB

SAR (1g) = 0.201 W/kg; SAR (8g) = 0.056 W/kg; SAR (10g) = 0.046 W/kg

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 66.5 %



Date: 2024-10-28

#56_WLAN5GHz_802.11ac-VHT80 MCS0_Left Edge_0mm_Ch155

Communication System: IEEE 802.11ac; Frequency: 5775.000 MHz

Medium: HSL_5G_241028 Medium parameters used: $f = 5775.000$ MHz; $\sigma = 5.25$ S/m; $\epsilon_r = 34.7$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.6, 4.41, 4.36); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (160.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.213 W/kg; SAR (10g) = 0.083 W/kg;

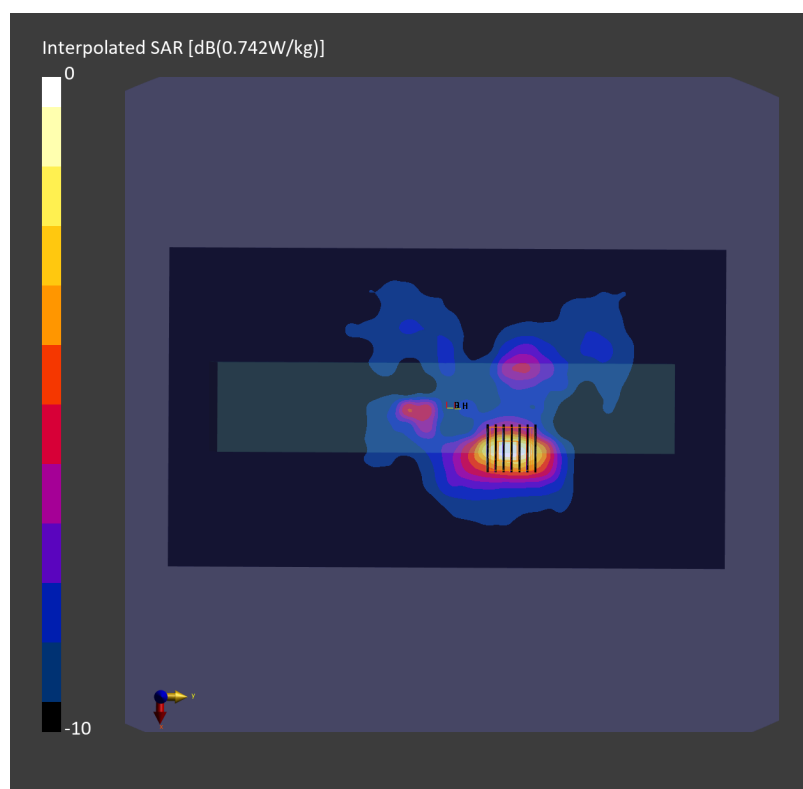
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.13 dB

SAR (1g) = 0.203 W/kg; SAR (8g) = 0.086 W/kg; SAR (10g) = 0.076 W/kg

Smallest distance from peaks to all points 3 dB below = 10.9 mm

Ratio of SAR at M2 to SAR at M1 = 60.7 %



Date: 2024-11-05

#57_WLAN5GHz_802.11ac-VHT160 MCS0_Left Edge_0mm_Ch163

Communication System: IEEE 802.11ac WiFi; Frequency: 5815.000 MHz

Medium: HSL_5G_241105 Medium parameters used: $f = 5815.000$ MHz; $\sigma = 5.33$ S/m; $\epsilon_r = 34.8$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7793; ConvF(4.37, 4.42, 4.46); Calibrated: 2024-03-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2023-12-06
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: CW, 10554-AAE

Area Scan (160.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.233 W/kg; SAR (10g) = 0.092 W/kg;

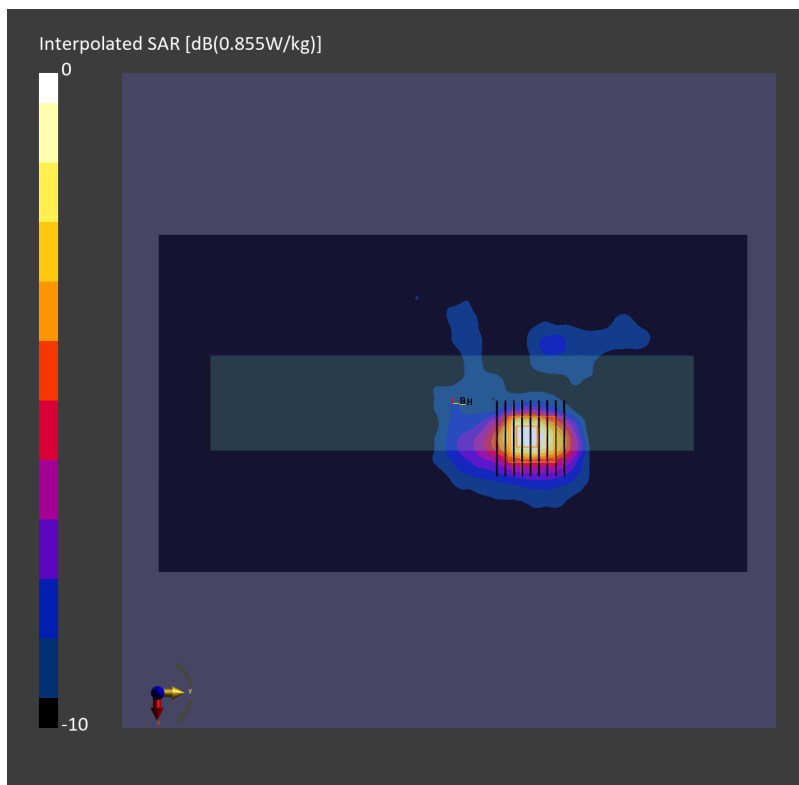
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.10 dB

SAR (1g) = 0.221 W/kg; SAR (8g) = 0.090 W/kg; SAR (10g) = 0.080 W/kg

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 59.7 %



Date: 2024-11-03

#58_WLAN6GHz_802.11ax-HE160 MCS0_Left Edge_0mm_Ch15

Communication System: IEEE 802.11ax; Frequency: 6025.000 MHz

Medium: HSL_6G_241103 Medium parameters used: $f = 6025.000$ MHz; $\sigma = 5.61$ S/m; $\epsilon_r = 35.8$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.88, 4.81, 4.7); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10755-AAC

Area Scan (85.0 mm x 272.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.037 W/kg; SAR (10g) = 0.014 W/kg;

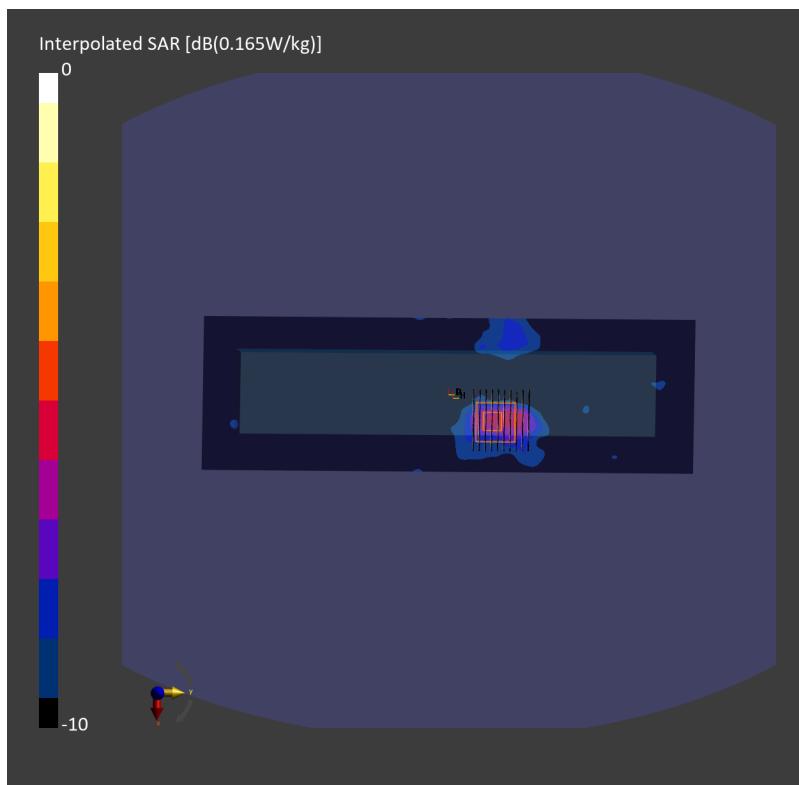
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.17 dB

SAR (1g) = 0.039 W/kg; SAR (8g) = 0.016 W/kg; SAR (10g) = 0.014 W/kg

Smallest distance from peaks to all points 3 dB below = 7.5 mm

Ratio of SAR at M2 to SAR at M1 = 59.5 %

psAPD (1.0cm², sq) = 0.451 [W/m²]; psAPD (4.0cm², sq) = 0.38 [W/m²]

Date: 2024-11-07

#59_Bluetooth LE_S8_Left Edge_0mm_Ch0

Communication System: IEEE 802.15.1 Bluetooth; Frequency: 2402.000 MHz

Medium: HSL_2450_241107 Medium parameters used: $f = 2402.000$ MHz; $\sigma = 1.76$ S/m; $\epsilon_r = 39.1$

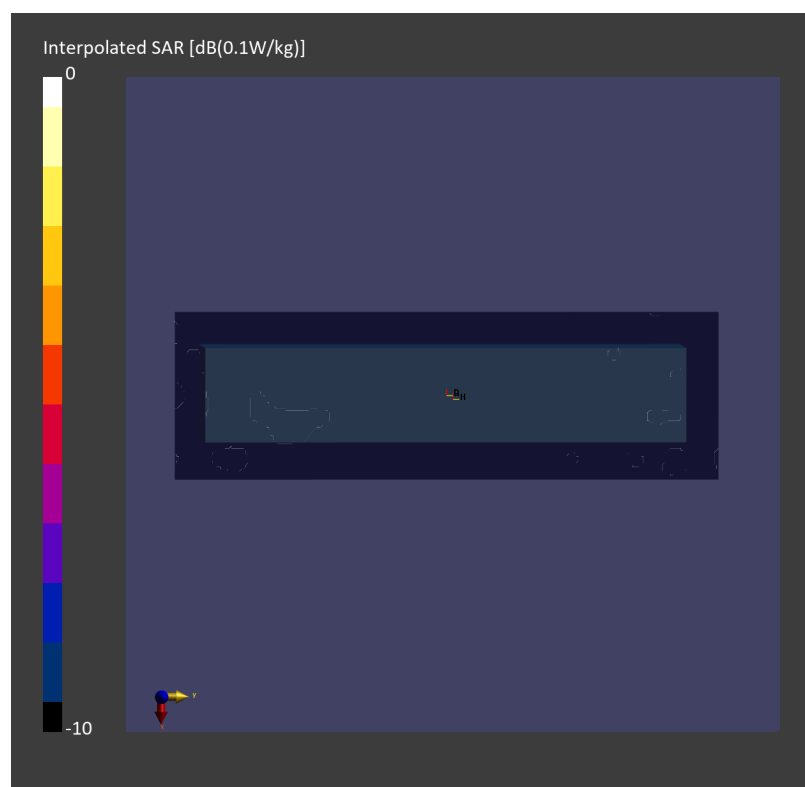
Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(6.88, 6.53, 6.42); Calibrated: 2023-11-23
- Sensor-Surface: 1.4mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

Area Scan (80.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.001 W/kg; SAR (10g) = 0.001 W/kg;



Date: 2024-10-05

#60_LTE Band 7_20M_QPSK_1_0_Top Edge_0mm_Ch21100

Communication System: LTE-FDD; Frequency: 2535.000 MHz

Medium: HSL_2600_241005 Medium parameters used: $f = 2535.000$ MHz; $\sigma = 1.97$ S/m; $\epsilon_r = 40.2$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(7.8, 7.64, 7.66); Calibrated: 2024-03-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1776; Calibrated: 2024-02-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10169-CAF

Area Scan (80.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.51 W/kg; SAR (10g) = 0.723 W/kg;

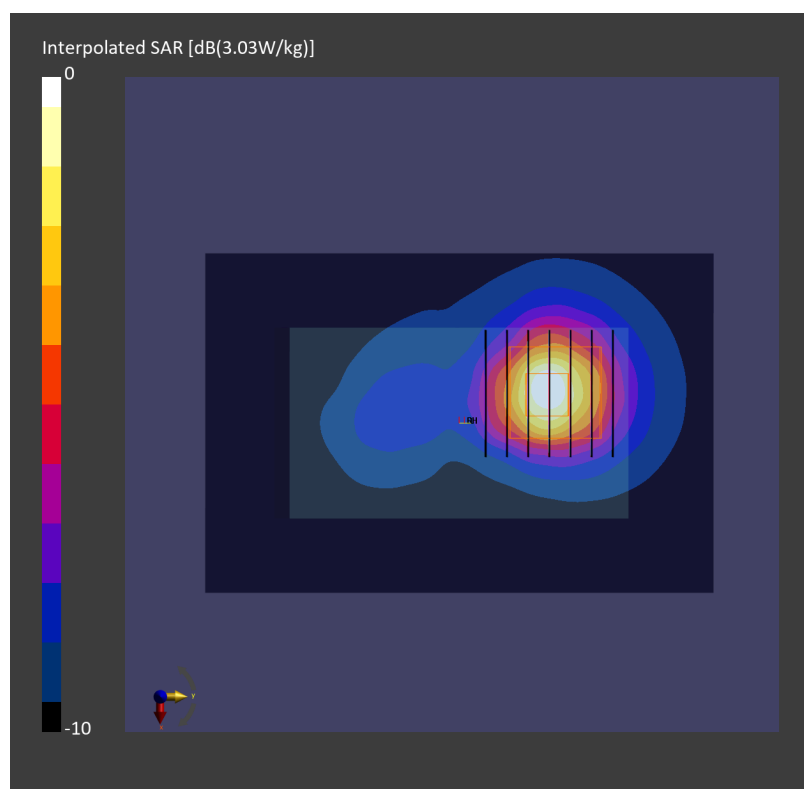
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.02 dB

SAR (1g) = 1.55 W/kg; SAR (8g) = 0.813 W/kg; SAR (10g) = 0.739 W/kg

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 81.9 %



Date: 2024-10-18

#61_LTE Band 12_10M_QPSK_1_0_Right Edge_0mm_Ch23095

Communication System: LTE-FDD; Frequency: 707.500 MHz

Medium: HSL_750_241018 Medium parameters used: $f = 707.500$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 43.4$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(10.02, 10.02, 10.02); Calibrated: 2023-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2023-11-17
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10175-CAH

Area Scan (90.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.642 W/kg; SAR (10g) = 0.391 W/kg;

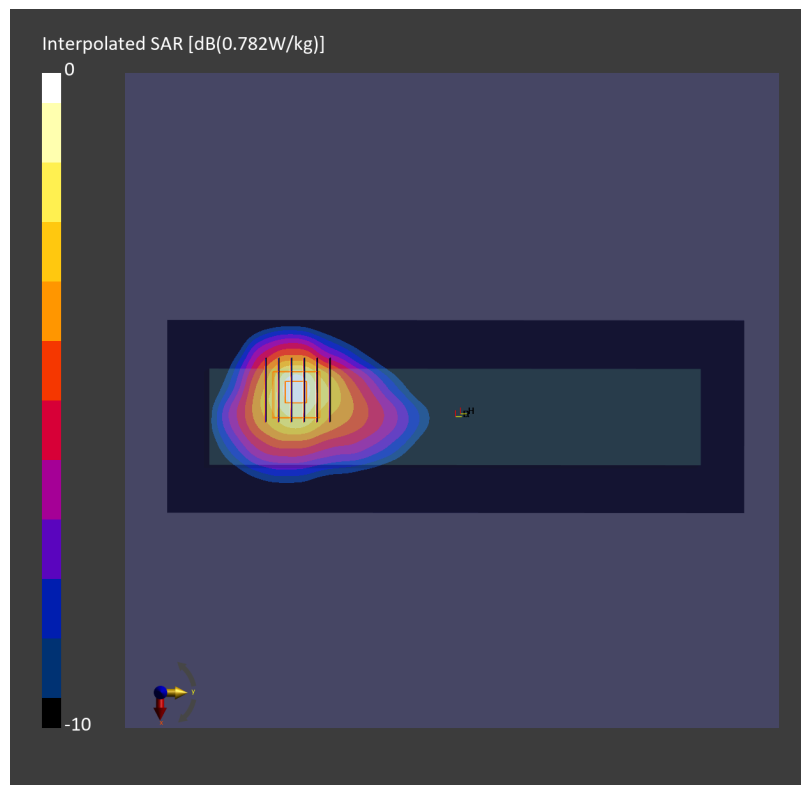
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.06 dB

SAR (1g) = 0.675 W/kg; SAR (8g) = 0.394 W/kg; SAR (10g) = 0.366 W/kg

Smallest distance from peaks to all points 3 dB below = 12.4 mm

Ratio of SAR at M2 to SAR at M1 = 72.6 %



Date: 2024-10-18

#62_LTE Band 13_10M_QPSK_1_0_Right Edge_0mm_Ch23230

Communication System: LTE-FDD; Frequency: 782.000 MHz

Medium: HSL_750_241018 Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 42.9$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(10.02, 10.02, 10.02); Calibrated: 2023-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2023-11-17
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10175-CAH

Area Scan (90.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.03 W/kg; SAR (10g) = 0.629 W/kg;

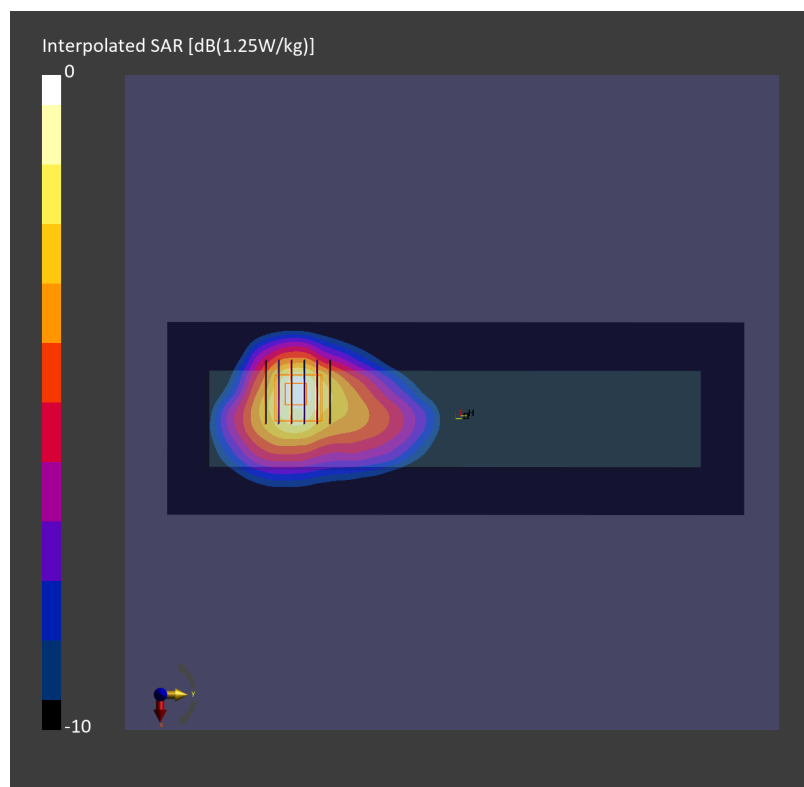
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.12 dB

SAR (1g) = 1.03 W/kg; SAR (8g) = 0.617 W/kg; SAR (10g) = 0.575 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 76.7 %



Date: 2024-10-18

#63_LTE Band 14_10M_QPSK_1_0_Right Edge_0mm_Ch23330

Communication System: LTE-FDD; Frequency: 793.000 MHz

Medium: HSL_750_241018 Medium parameters used: $f = 793.000$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 42.9$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(10.02, 10.02, 10.02); Calibrated: 2023-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2023-11-17
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10175-CAH

Area Scan (90.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.887 W/kg; SAR (10g) = 0.543 W/kg;

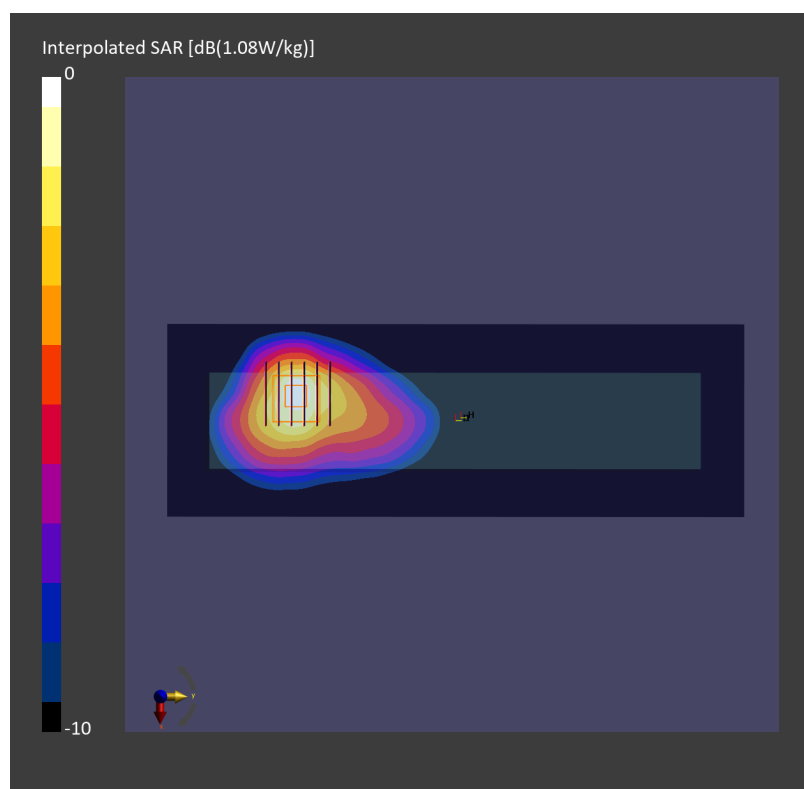
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.07 dB

SAR (1g) = 0.934 W/kg; SAR (8g) = 0.560 W/kg; SAR (10g) = 0.522 W/kg

Smallest distance from peaks to all points 3 dB below = 13.0 mm

Ratio of SAR at M2 to SAR at M1 = 76.9 %



Date: 2024-10-19

#64_LTE Band 25_20M_QPSK_1_0_Right Edge_0mm_Ch26340

Communication System: LTE-FDD; Frequency: 1880.000 MHz

Medium: HSL_1900_241019 Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 38.7$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(8.39, 8.39, 8.39); Calibrated: 2023-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2023-11-17
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10169-CAF

Area Scan (90.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.31 W/kg; SAR (10g) = 0.704 W/kg;

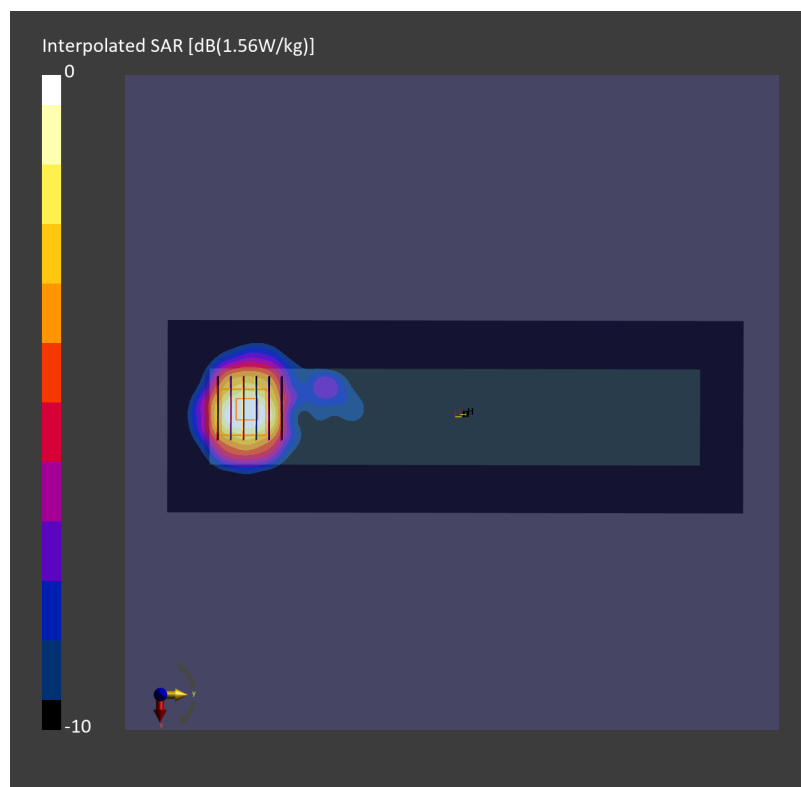
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.12 dB

SAR (1g) = 1.57 W/kg; SAR (8g) = 0.876 W/kg; SAR (10g) = 0.801 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 78.0 %



Date: 2024-10-18

#65_LTE Band 26_15M_QPSK_1_0_Right Edge_0mm_Ch26865

Communication System: LTE-FDD; Frequency: 831.500 MHz

Medium: HSL_850_241018 Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 42.8$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(9.78, 9.78, 9.78); Calibrated: 2023-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2023-11-17
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10181-CAF

Area Scan (90.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.22 W/kg; SAR (10g) = 0.725 W/kg;

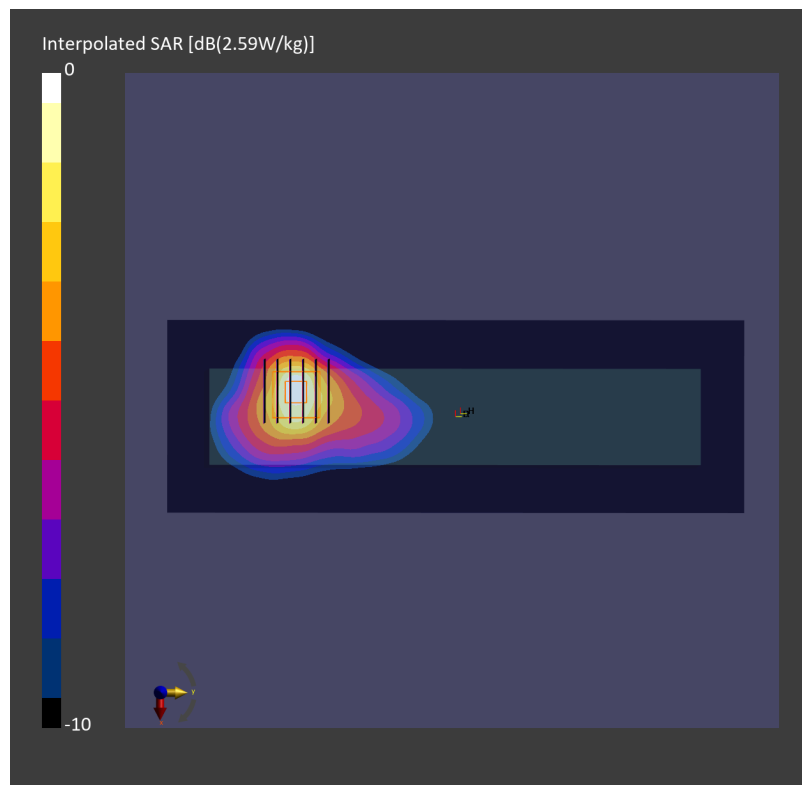
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.05 dB

SAR (1g) = 1.27 W/kg; SAR (8g) = 0.739 W/kg; SAR (10g) = 0.685 W/kg

Smallest distance from peaks to all points 3 dB below = 12.0 mm

Ratio of SAR at M2 to SAR at M1 = 78.3 %



Date: 2024-10-05

#66_LTE Band 30_10M_QPSK_1_0_Top Edge_0mm_Ch27710

Communication System: LTE-FDD; Frequency: 2310.000 MHz

Medium: HSL_2300_241005 Medium parameters used: $f = 2310.000$ MHz; $\sigma = 1.70$ S/m; $\epsilon_r = 41.0$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(7.61, 7.5, 7.49); Calibrated: 2024-03-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1776; Calibrated: 2024-02-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10175-CAH

Area Scan (80.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.67 W/kg; SAR (10g) = 0.837 W/kg;

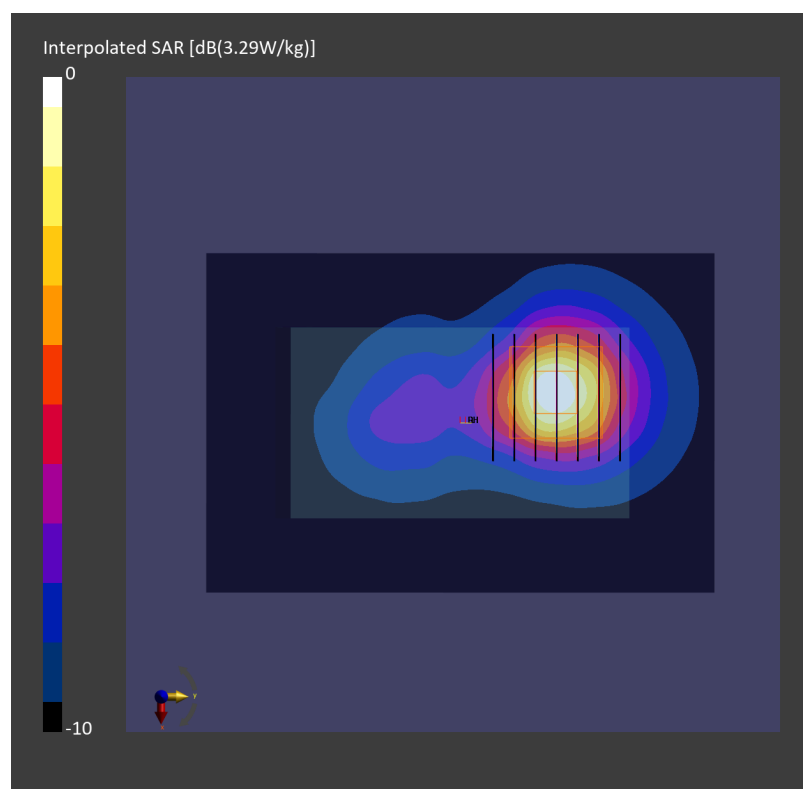
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.02 dB

SAR (1g) = 1.73 W/kg; SAR (8g) = 0.941 W/kg; SAR (10g) = 0.858 W/kg

Smallest distance from peaks to all points 3 dB below = 11.8 mm

Ratio of SAR at M2 to SAR at M1 = 82.6 %



Date: 2024-10-19

#67_LTE Band 66_20M_QPSK_1_0_Right Edge_0mm_Ch132322

Communication System: LTE-FDD; Frequency: 1745.000 MHz

Medium: HSL_1750_241019 Medium parameters used: $f = 1745.000$ MHz; $\sigma = 1.35$ S/m; $\epsilon_r = 40.2$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(8.94, 8.94, 8.94); Calibrated: 2023-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2023-11-17
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10169-CAF

Area Scan (90.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.31 W/kg; SAR (10g) = 0.697 W/kg;

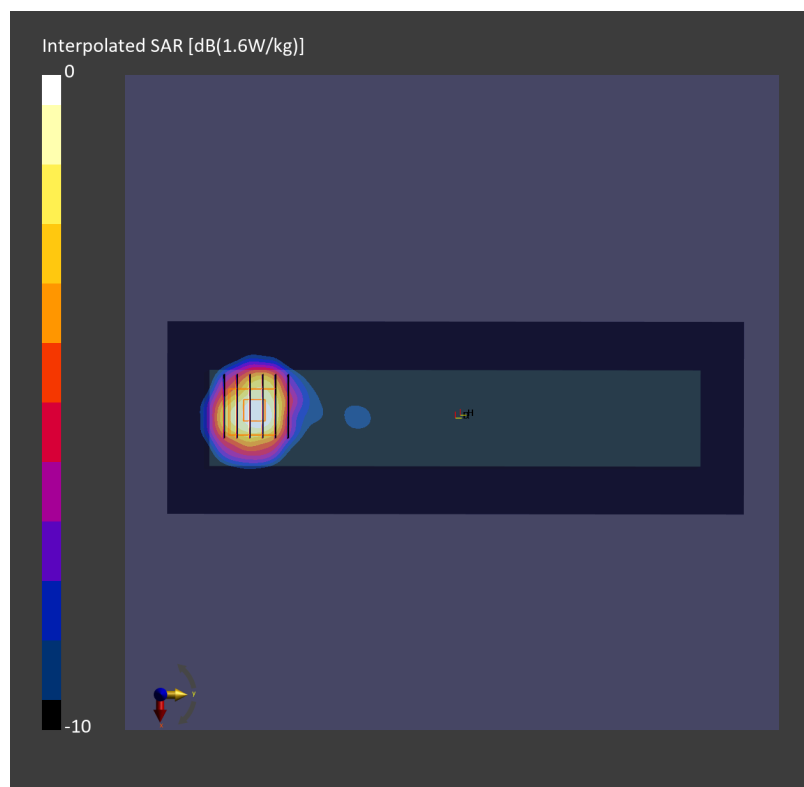
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.10 dB

SAR (1g) = 1.53 W/kg; SAR (8g) = 0.853 W/kg; SAR (10g) = 0.781 W/kg

Smallest distance from peaks to all points 3 dB below = 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 80.6 %



Date: 2024-10-18

#68_LTE Band 71_20M_QPSK_1_0_Right Edge_0mm_Ch133297

Communication System: LTE-FDD; Frequency: 680.500 MHz

Medium: HSL_750_241018 Medium parameters used: $f = 680.500$ MHz; $\sigma = 0.873$ S/m; $\epsilon_r = 43.5$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7625; ConvF(10.02, 10.02, 10.02); Calibrated: 2023-12-14
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1694; Calibrated: 2023-11-17
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2155; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10169-CAF

Area Scan (90.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.554 W/kg; SAR (10g) = 0.342 W/kg;

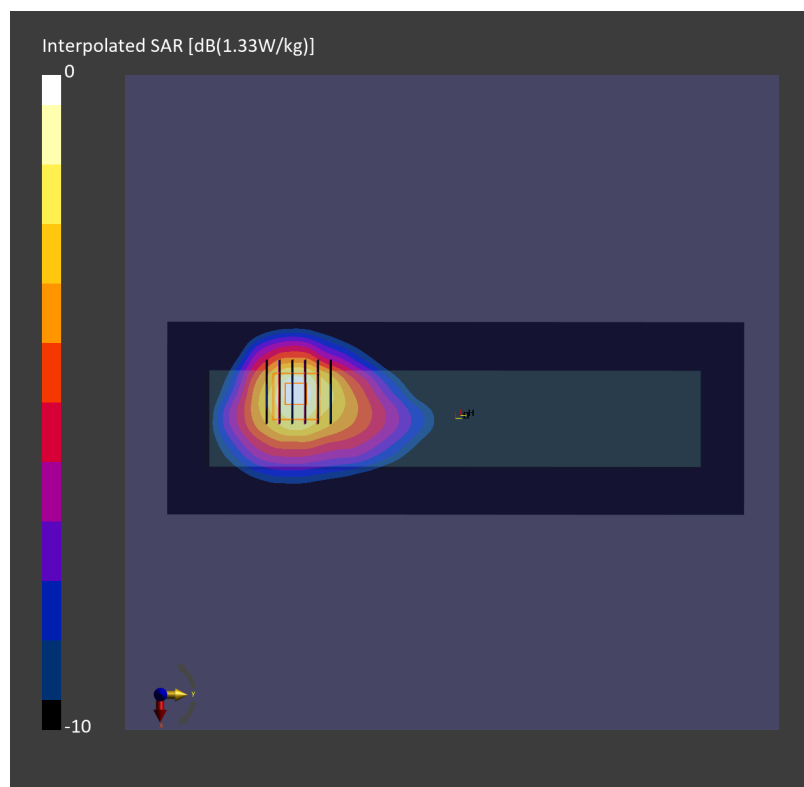
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.15 dB

SAR (1g) = 0.583 W/kg; SAR (8g) = 0.341 W/kg; SAR (10g) = 0.317 W/kg

Smallest distance from peaks to all points 3 dB below = 12.0 mm

Ratio of SAR at M2 to SAR at M1 = 71.5 %



Date: 2024-10-05

#69_LTE Band 41_20M_QPSK_1_0_Top Edge_0mm_Ch40620

Communication System: LTE-TDD; Frequency: 2593.000 MHz

Medium: HSL_2600_241005 Medium parameters used: $f = 2593.000$ MHz; $\sigma = 2.00$ S/m; $\epsilon_r = 40.0$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(7.8, 7.64, 7.66); Calibrated: 2024-03-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1776; Calibrated: 2024-02-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-TDD, 10172-CAH

Area Scan (80.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.58 W/kg; SAR (10g) = 0.753 W/kg;

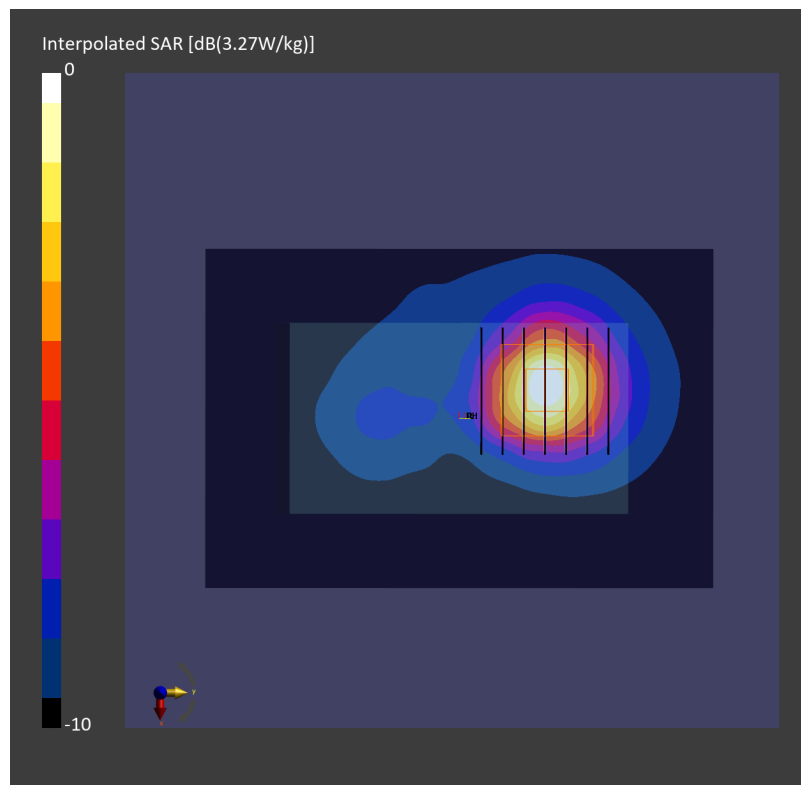
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.01 dB

SAR (1g) = 1.63 W/kg; SAR (8g) = 0.850 W/kg; SAR (10g) = 0.770 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 80.3 %



Date: 2024-10-02

#70_LTE Band 42_20M_QPSK_1_0_Left Edge_0mm_Ch42590

Communication System: LTE-TDD ; Frequency: 3500.000 MHz

Medium: HSL_3500_241002 Medium parameters used: $f = 3500.000$ MHz; $\sigma = 3.01$ S/m; $\epsilon_r = 37.8$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(6.33, 6.03, 5.95); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe ti lt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-TDD, 10435-AAG

Area Scan (80.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.34 W/kg; SAR (10g) = 0.591 W/kg;

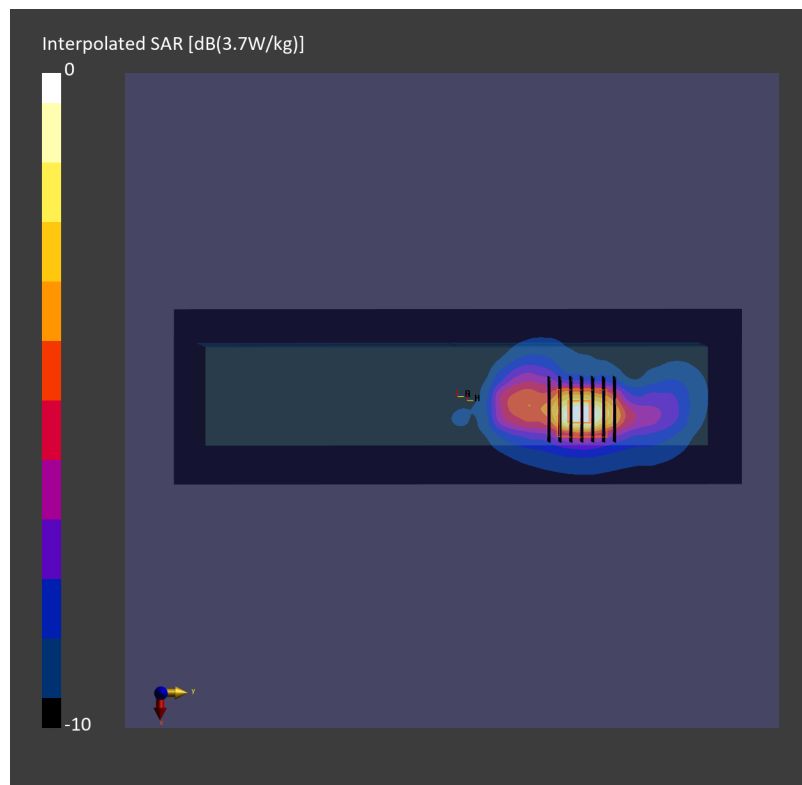
Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = -0.02 dB

SAR (1g) = 1.42 W/kg; SAR (8g) = 0.664 W/kg; SAR (10g) = 0.596 W/kg

Smallest distance from peaks to all points 3 dB below = 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 73.2 %



Date: 2024-10-04

#71_LTE Band 43_20M_QPSK_1_0_Left Edge_0mm_Ch44090

Communication System: LTE-TDD; Frequency: 3650.000 MHz

Medium: HSL_3700_241004 Medium parameters used: $f = 3650.000$ MHz; $\sigma = 3.06$ S/m; $\epsilon_r = 37.9$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(7.0, 6.84, 6.92); Calibrated: 2024-03-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1776; Calibrated: 2024-02-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-TDD, 10172-CAH

Area Scan (80.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.77 W/kg; SAR (10g) = 0.773 W/kg;

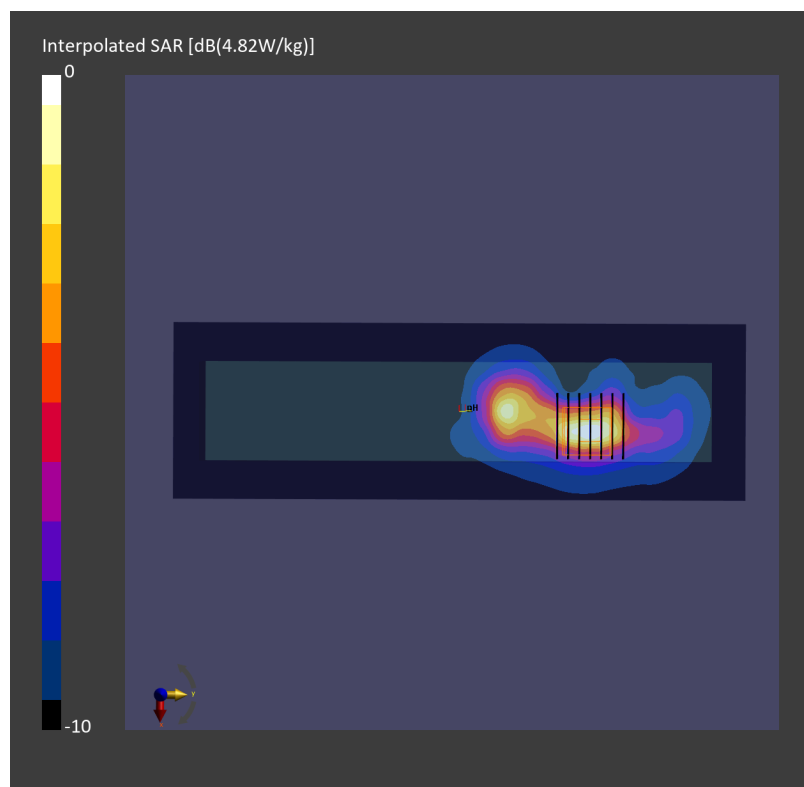
Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = 0.06 dB

SAR (1g) = 1.80 W/kg; SAR (8g) = 0.851 W/kg; SAR (10g) = 0.769 W/kg

Smallest distance from peaks to all points 3 dB below = 8.3 mm

Ratio of SAR at M2 to SAR at M1 = 72.2 %



Date: 2024-10-02

#72_LTE Band 48_20M_QPSK_1_0_Left Edge_0mm_Ch55830

Communication System: LTE-TDD ; Frequency: 3609.000 MHz

Medium: HSL_3700_241002 Medium parameters used: $f = 3609.000$ MHz; $\sigma = 3.11$ S/m; $\epsilon_r = 37.7$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(6.28, 5.97, 5.91); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-TDD, 10435-AAG

Area Scan (80.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.64 W/kg; SAR (10g) = 0.736 W/kg;

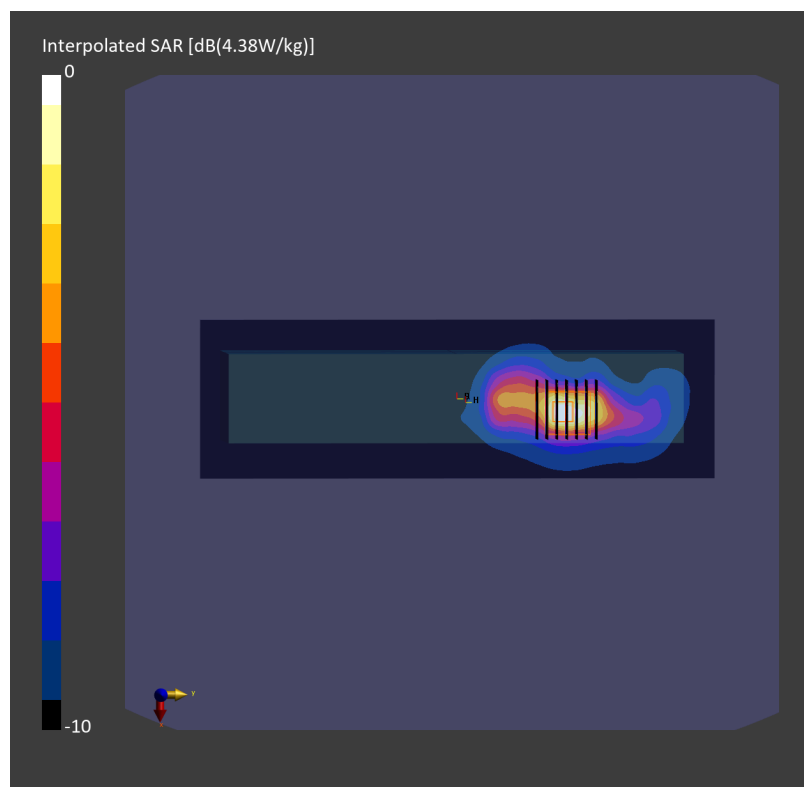
Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = -0.02 dB

SAR (1g) = 1.71 W/kg; SAR (8g) = 0.810 W/kg; SAR (10g) = 0.730 W/kg

Smallest distance from peaks to all points 3 dB below = 9.0 mm

Ratio of SAR at M2 to SAR at M1 = 73.7 %



Date: 2024-10-06

#73_FR1 n7_40M_BPSK_108_0_Top Edge_0mm_Ch507000

Communication System: 5G NR; Frequency: 2535.000 MHz

Medium: HSL_2600_241006 Medium parameters used: $f = 2535.000$ MHz; $\sigma = 1.95$ S/m; $\epsilon_r = 40.1$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(7.8, 7.64, 7.66); Calibrated: 2024-03-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1776; Calibrated: 2024-02-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10942-AAC

Area Scan (80.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.55 W/kg; SAR (10g) = 0.730 W/kg;

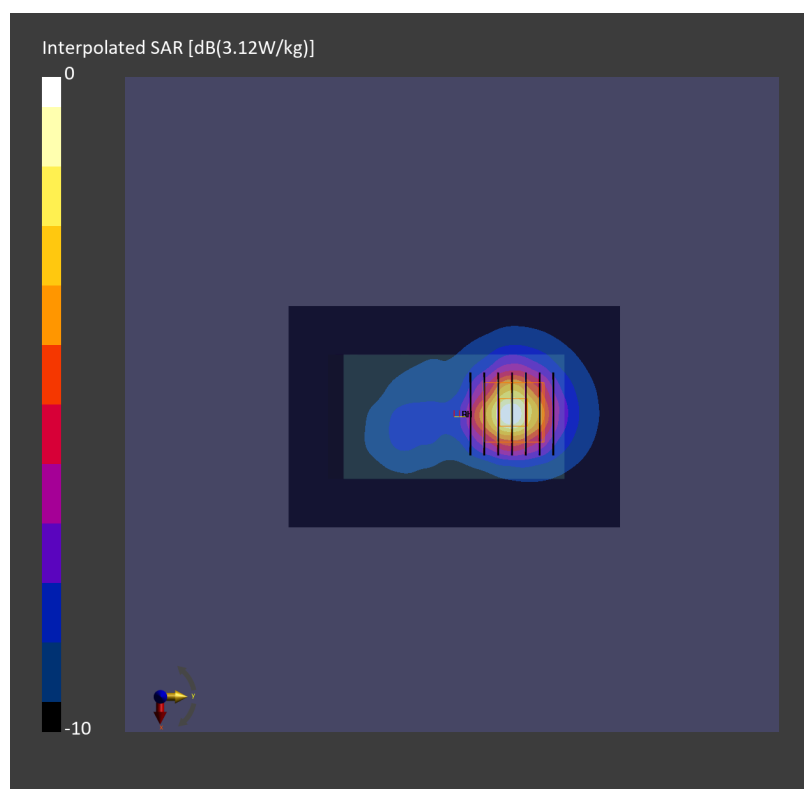
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.13 dB

SAR (1g) = 1.57 W/kg; SAR (8g) = 0.830 W/kg; SAR (10g) = 0.754 W/kg

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 81.6 %



Date: 2024-10-08

#74_FR1 n12_15M_BPSK_1_1_Right Edge_0mm_Ch141500

Communication System: 5G NR ; Frequency: 707.500 MHz

Medium: HSL_750_241008 Medium parameters used: $f = 707.500$ MHz; $\sigma = 0.871$ S/m; $\epsilon_r = 42.6$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(9.58, 9.16, 9.39); Calibrated: 2024-06-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10930-AAC

Area Scan (90.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.746 W/kg; SAR (10g) = 0.472 W/kg;

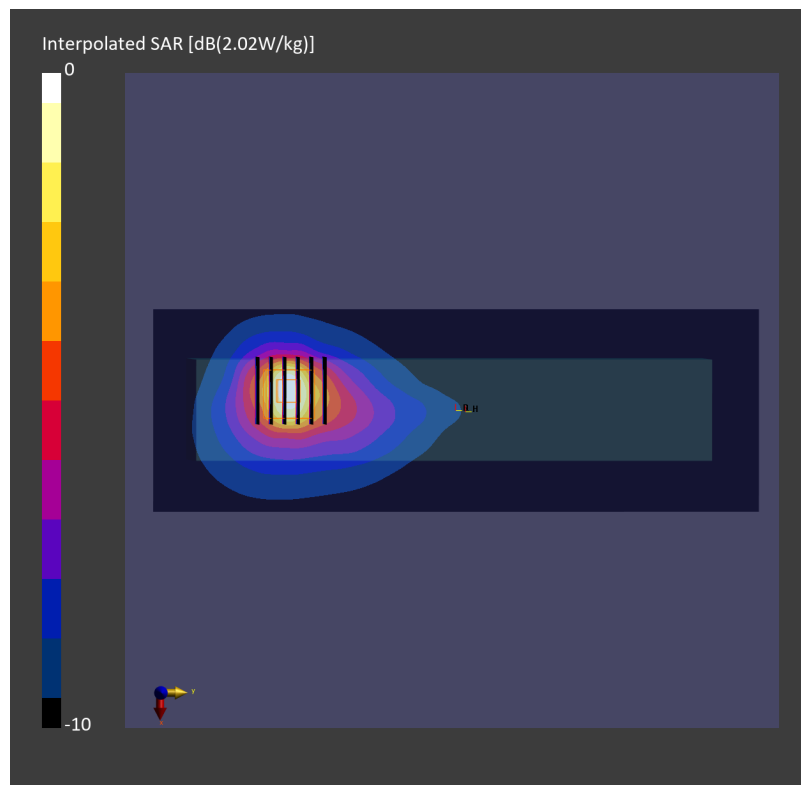
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.01 dB

SAR (1g) = 0.829 W/kg; SAR (8g) = 0.463 W/kg; SAR (10g) = 0.427 W/kg

Smallest distance from peaks to all points 3 dB below = 11.4 mm

Ratio of SAR at M2 to SAR at M1 = 68.7 %



Date: 2024-10-08

#75_FR1 n13_10M_BPSK_1_1_Right Edge_0mm_Ch156400

Communication System: 5G NR ; Frequency: 782.000 MHz

Medium: HSL_750_241008 Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 42.1$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(9.58, 9.16, 9.39); Calibrated: 2024-06-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10929-AAD

Area Scan (90.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.04 W/kg; SAR (10g) = 0.650 W/kg;

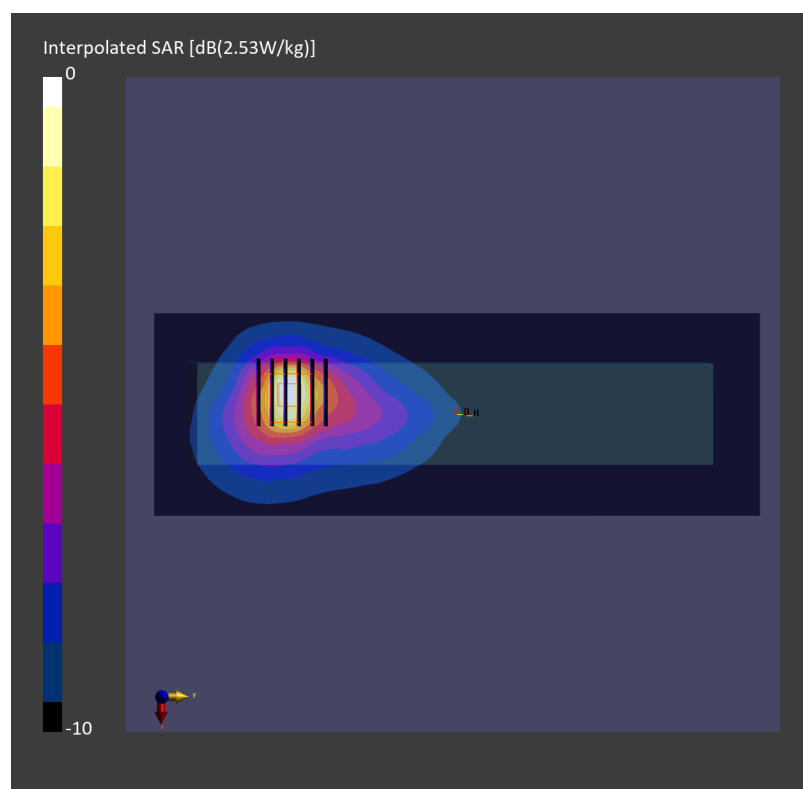
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.03 dB

SAR (1g) = 1.13 W/kg; SAR (8g) = 0.648 W/kg; SAR (10g) = 0.599 W/kg

Smallest distance from peaks to all points 3 dB below = 12.0 mm

Ratio of SAR at M2 to SAR at M1 = 72.8 %



Date: 2024-10-08

#76_FR1 n14_10M_BPSK_1_1_Right Edge_0mm_Ch158600

Communication System: 5G NR ; Frequency: 793.000 MHz

Medium: HSL_750_241008 Medium parameters used: $f = 793.000$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 42.0$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(9.58, 9.16, 9.39); Calibrated: 2024-06-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10929-AAD

Area Scan (90.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.05 W/kg; SAR (10g) = 0.671 W/kg;

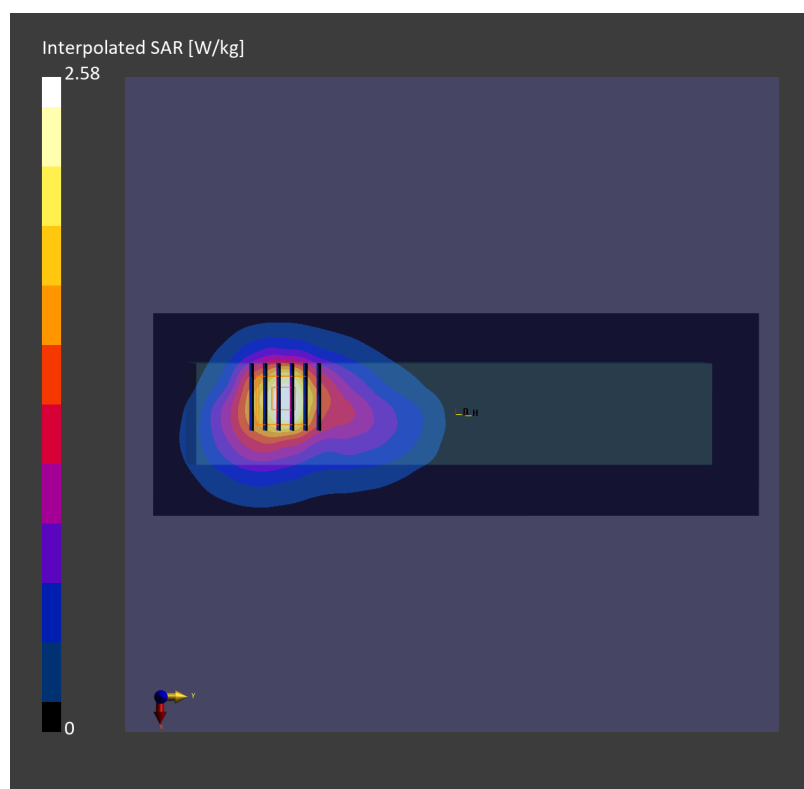
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.02 dB

SAR (1g) = 1.18 W/kg; SAR (8g) = 0.677 W/kg; SAR (10g) = 0.626 W/kg

Smallest distance from peaks to all points 3 dB below = 11.4 mm

Ratio of SAR at M2 to SAR at M1 = 75.5 %



Date: 2024-10-07

#77_FR1 n25_40M_BPSK_108_0_Right Edge_0mm_Ch376500

Communication System: 5G NR; Frequency: 1882.500 MHz

Medium: HSL_1900_241007 Medium parameters used: $f = 1882.500$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 38.9$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(7.75, 7.41, 7.6); Calibrated: 2024-06-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10942-AAC

Area Scan (90.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.52 W/kg; SAR (10g) = 0.789 W/kg;

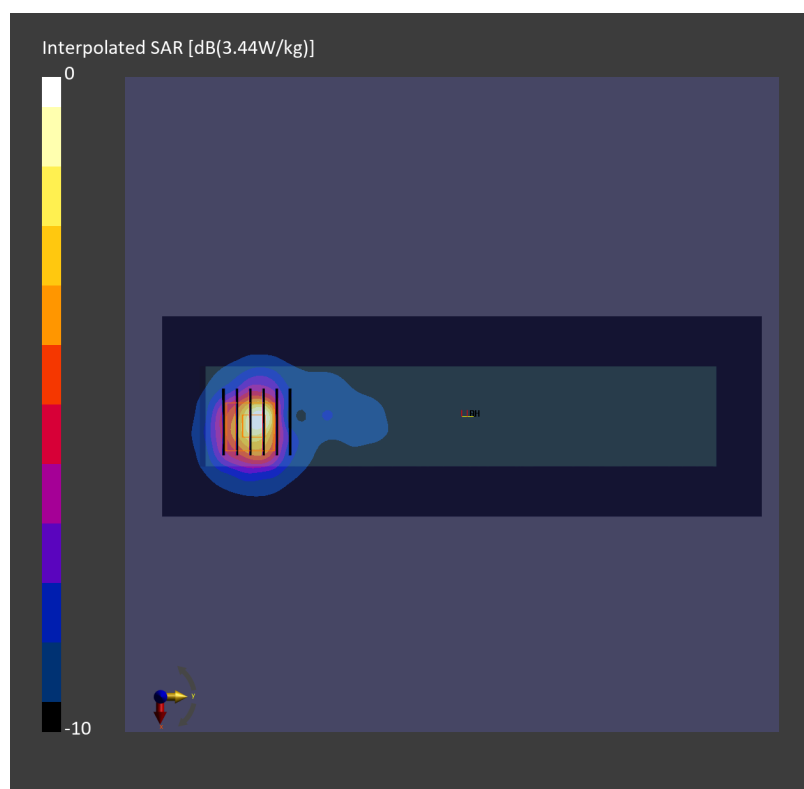
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.09 dB

SAR (1g) = 1.68 W/kg; SAR (8g) = 0.900 W/kg; SAR (10g) = 0.819 W/kg

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 82.2 %



Date: 2024-10-07

#78_FR1 n26_20M_BPSK_50_28_Right Edge_0mm_Ch166300

Communication System: 5G NR ; Frequency: 831.500 MHz

Medium: HSL_850_241007 Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 43.0$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(9.34, 8.93, 9.16); Calibrated: 2024-06-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10939-AAC

Area Scan (90.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.29 W/kg; SAR (10g) = 0.791 W/kg;

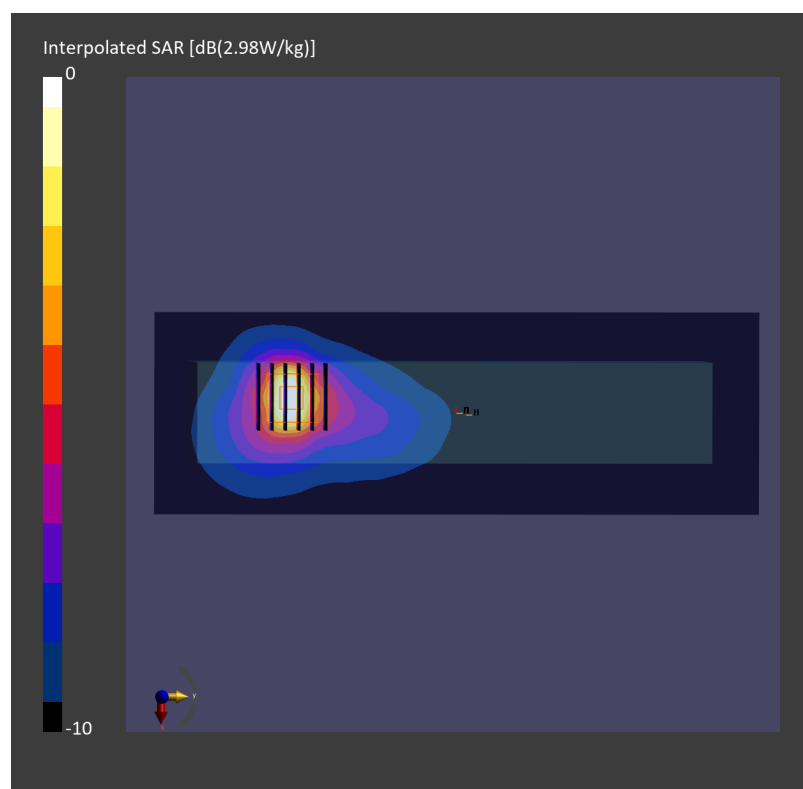
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.05 dB

SAR (1g) = 1.39 W/kg; SAR (8g) = 0.771 W/kg; SAR (10g) = 0.710 W/kg

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 75.9 %



Date: 2024-10-15

#79_FR1 n30_10M_BPSK_25_14_Right Side_0mm_Ch462000

Communication System: 5G NR; Frequency: 2310.000 MHz

Medium: HSL_2300_241015 Medium parameters used: $f = 2310.000$ MHz; $\sigma = 1.65$ S/m; $\epsilon_r = 38.6$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7793; ConvF(6.8, 7.06, 7.1); Calibrated: 2024-03-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204_0mm; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10937-AAD

Area Scan (80.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.45 W/kg; SAR (10g) = 0.695 W/kg;

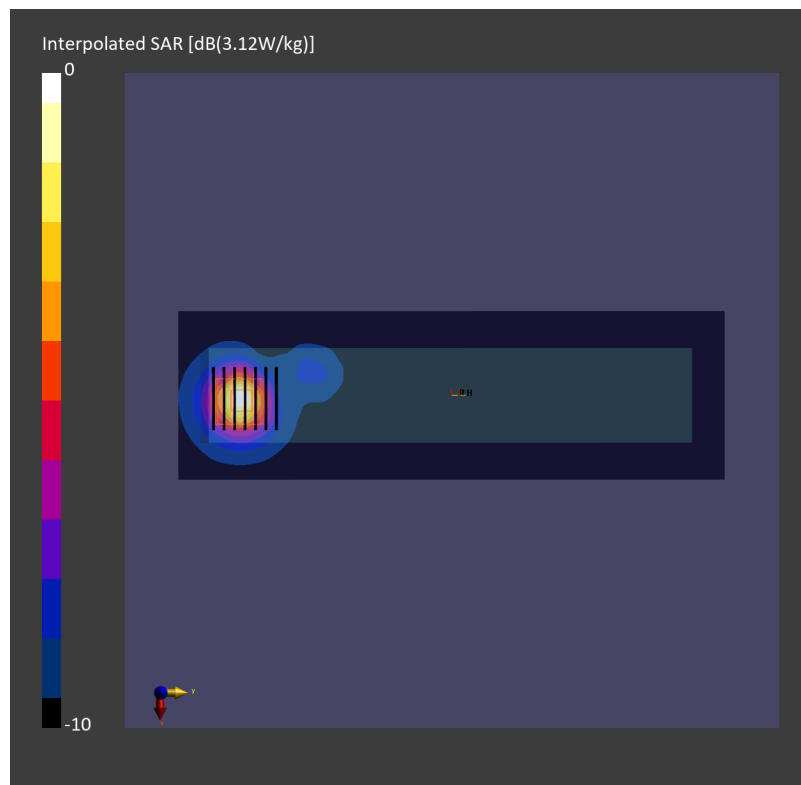
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.10 dB

SAR (1g) = 1.45 W/kg; SAR (8g) = 0.766 W/kg; SAR (10g) = 0.696 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 76.4 %



Date: 2024-10-29

#80_FR1 n66_40M_BPSK_108_0_Right Edge_0mm_Ch349000

Communication System: 5G NR ; Frequency: 1745.000 MHz

Medium: HSL_1750_241029 Medium parameters used: $f = 1745.000$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 41.0$

Ambient Temperature: 23.9°C; Liquid Temperature: 22.9°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7700; ConvF(8.14, 8.24, 8.22); Calibrated: 2024-02-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn316; Calibrated: 2024-01-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10942-AAC

Area Scan (90.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 1.22 W/kg; SAR (10g) = 0.657 W/kg;

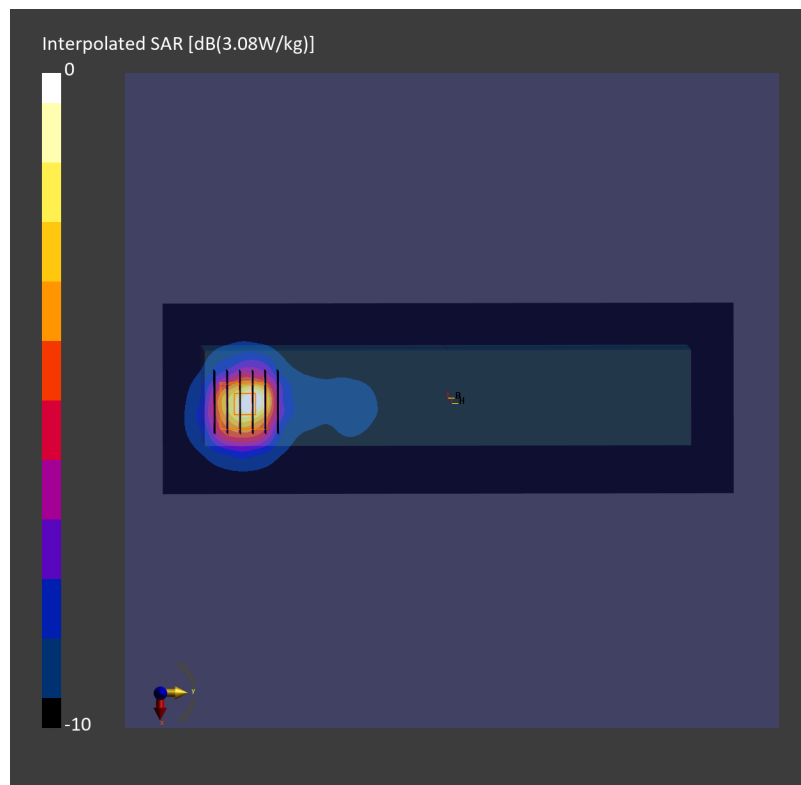
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.08 dB

SAR (1g) = 1.50 W/kg; SAR (8g) = 0.805 W/kg; SAR (10g) = 0.734 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 80.8 %



Date: 2024-10-08

#81_FR1 n71_20M_BPSK_1_1_Right Edge_0mm_Ch136100

Communication System: 5G NR ; Frequency: 680.500 MHz

Medium: HSL_750_241008 Medium parameters used: $f = 680.500$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 42.7$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7814; ConvF(9.58, 9.16, 9.39); Calibrated: 2024-06-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1800; Calibrated: 2024-06-18
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10931-AAC

Area Scan (90.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.679 W/kg; SAR (10g) = 0.429 W/kg;

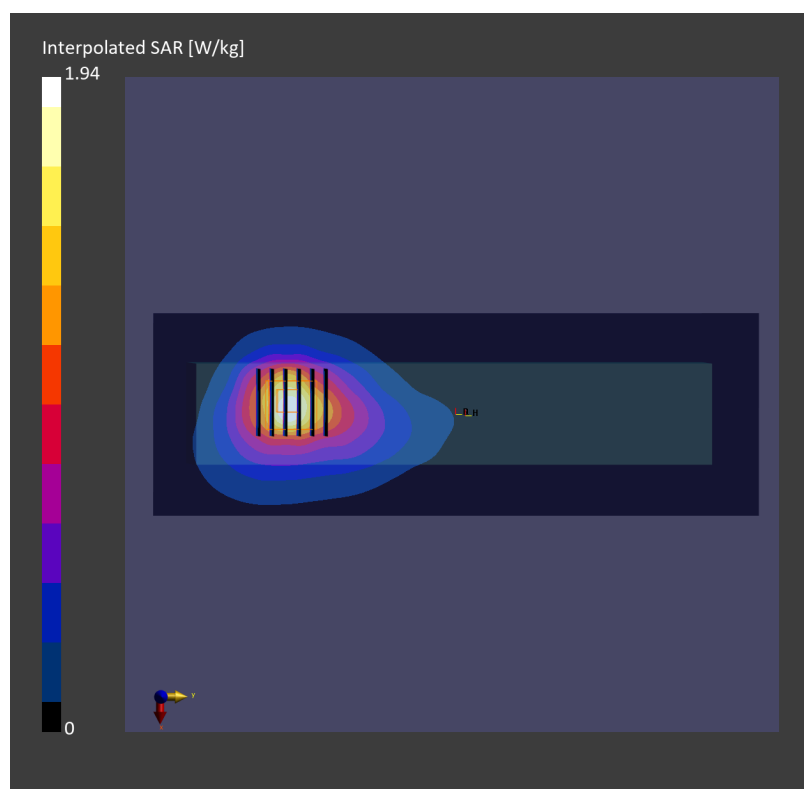
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.03 dB

SAR (1g) = 0.740 W/kg; SAR (8g) = 0.409 W/kg; SAR (10g) = 0.377 W/kg

Smallest distance from peaks to all points 3 dB below = 11.1 mm

Ratio of SAR at M2 to SAR at M1 = 69.1 %



Date: 2024-10-29

#82_FR1 n41_100M_BPSK_1_1_Left Edge_0mm_Ch518598

Communication System: 5G NR ; Frequency: 2592.990 MHz

Medium: HSL_2600_241029 Medium parameters used: $f = 2592.990$ MHz; $\sigma = 1.95$ S/m; $\epsilon_r = 38.0$

Ambient Temperature: 23.9°C; Liquid Temperature: 22.9°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(6.84, 6.47, 6.34); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 TDD, 10866-AAF

Area Scan (80.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.33 W/kg; SAR (10g) = 0.938 W/kg;

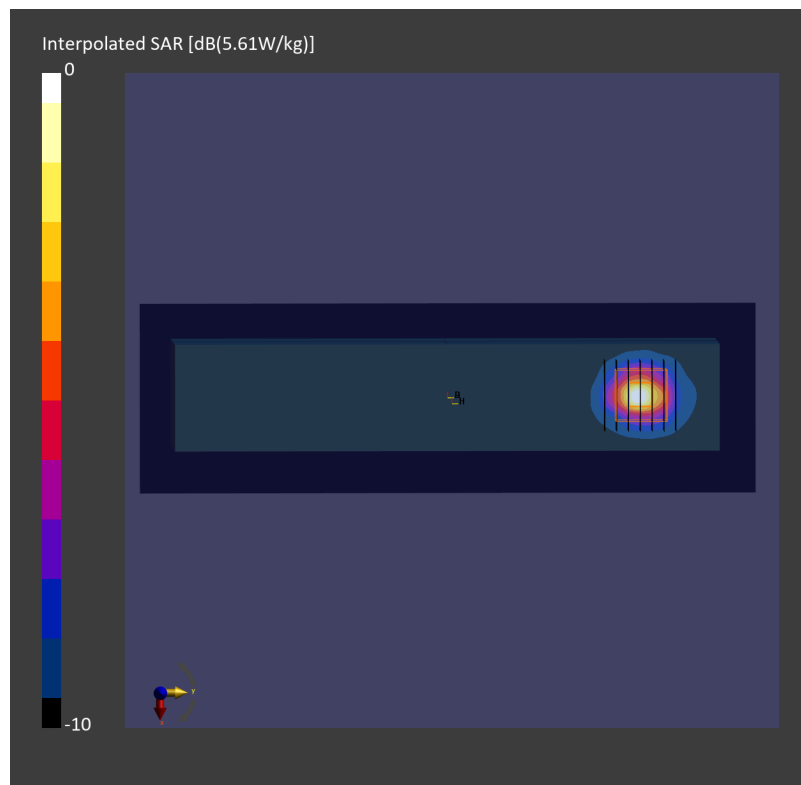
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.07 dB

SAR (1g) = 2.43 W/kg; SAR (8g) = 1.10 W/kg; SAR (10g) = 0.977 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 78.4 %



Date: 2024-10-28

#83_FR1 n48_40M_BPSK_1_1_Left Edge_0mm_Ch641666

Communication System: 5G NR ; Frequency: 3624.985 MHz

Medium: HSL_3700_241028 Medium parameters used: $f = 3624.985$ MHz; $\sigma = 3.04$ S/m; $\epsilon_r = 37.5$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(6.28, 5.97, 5.91); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 TDD, 10903-AAD

Area Scan (80.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.25 W/kg; SAR (10g) = 0.893 W/kg;

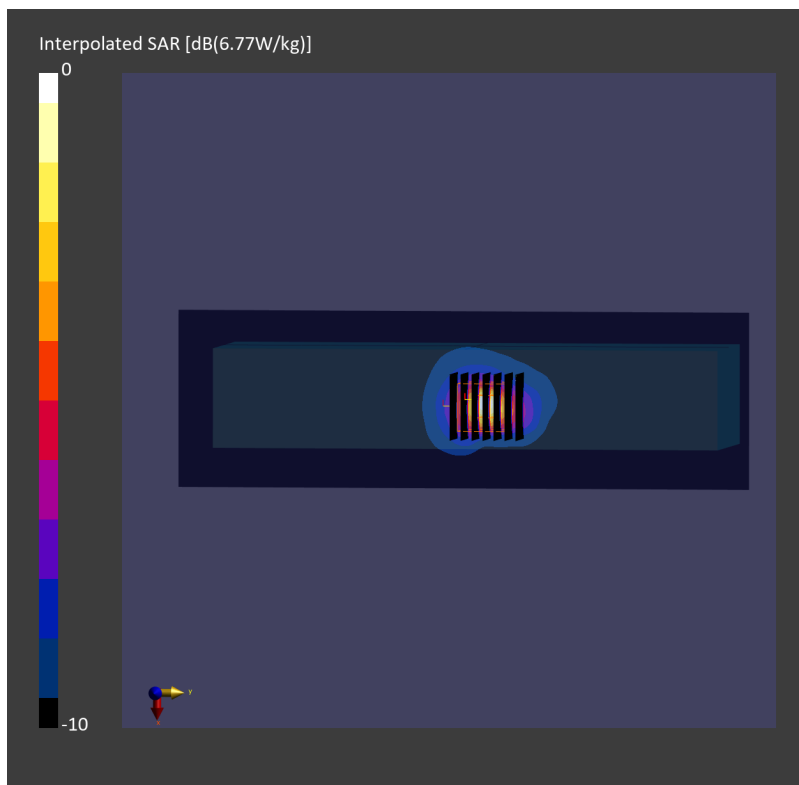
Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 2.42 W/kg; SAR (8g) = 1.03 W/kg; SAR (10g) = 0.918 W/kg

Smallest distance from peaks to all points 3 dB below = 8.3 mm

Ratio of SAR at M2 to SAR at M1 = 72.6 %



Date: 2024-10-20

#84_FR1 n77_100M_BPSK_1_1_Left Edge_0mm_Ch656000

Communication System: 5G NR ; Frequency: 3840.000 MHz

Medium: HSL_3900_241020 Medium parameters used: $f = 3840.000$ MHz; $\sigma = 3.35$ S/m; $\epsilon_r = 37.5$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(5.94, 5.68, 5.59); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 TDD, 10866-AAF

Area Scan (80.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.94 W/kg; SAR (10g) = 0.850 W/kg;

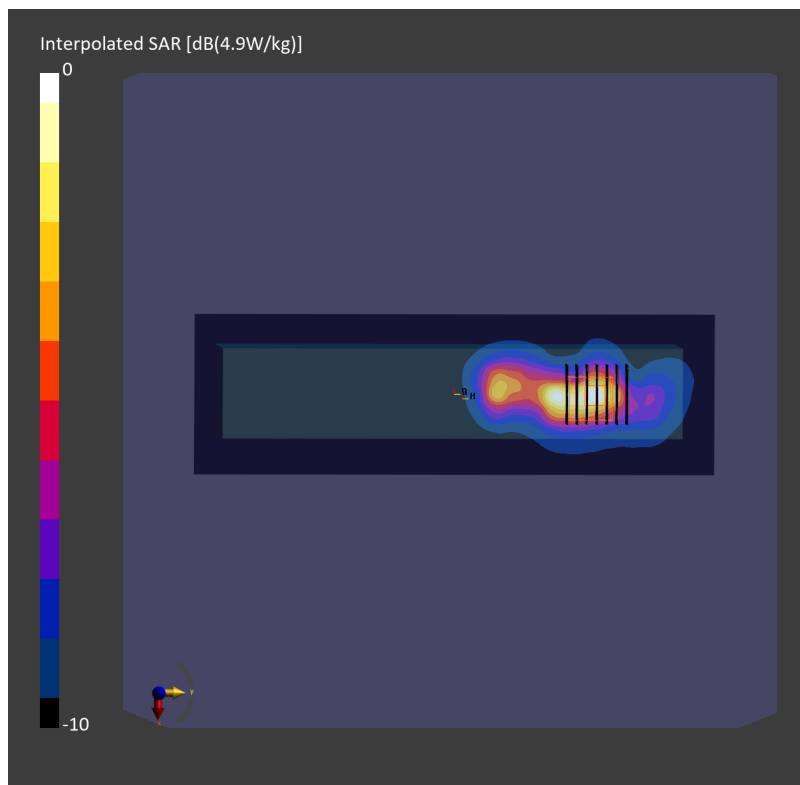
Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = -0.04 dB

SAR (1g) = 1.99 W/kg; SAR (8g) = 0.946 W/kg; SAR (10g) = 0.854 W/kg

Smallest distance from peaks to all points 3 dB below = 10.0 mm

Ratio of SAR at M2 to SAR at M1 = 76.2 %



Date: 2024-10-26

#85_WLAN2.4GHz_802.11b 1Mbps_Right Edge_0mm_Ch11

Communication System: IEEE 802.11b; Frequency: 2462.000 MHz

Medium: HSL_2450_241026 Medium parameters used: $f = 2462.000$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 40.2$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(6.88, 6.53, 6.42); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10415-AAA

Area Scan (80.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.489 W/kg; SAR (10g) = 0.256 W/kg;

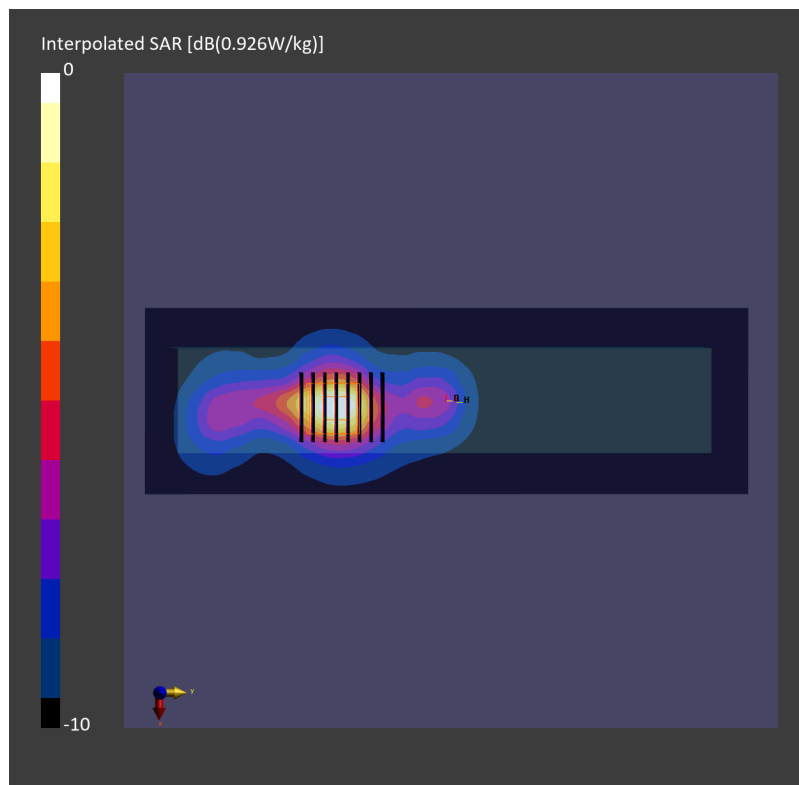
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.02 dB

SAR (1g) = 0.482 W/kg; SAR (8g) = 0.276 W/kg; SAR (10g) = 0.254 W/kg

Smallest distance from peaks to all points 3 dB below = 13.9 mm

Ratio of SAR at M2 to SAR at M1 = 80.1 %



Date: 2024-11-01

#86_WLAN5GHz_802.11n-HT40 MCS0_Right Edge_0mm_Ch54

Communication System: IEEE 802.11n; Frequency: 5270.000 MHz

Medium: HSL_5G_241101 Medium parameters used: $f = 5270.000$ MHz; $\sigma = 4.69$ S/m; $\epsilon_r = 35.6$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(5.14, 4.96, 4.9); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10599-AAD

Area Scan (160.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.05 W/kg; SAR (10g) = 0.610 W/kg;

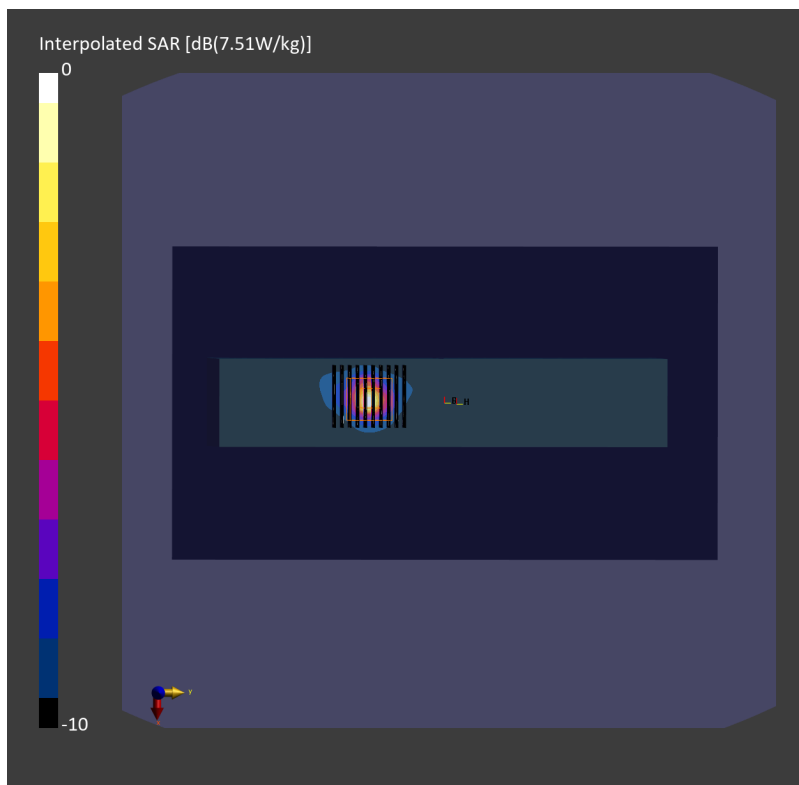
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.18 dB

SAR (1g) = 1.97 W/kg; SAR (8g) = 0.648 W/kg; SAR (10g) = 0.554 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 65.4 %



Date: 2024-11-01

#87_WLAN5GHz_802.11ac-VHT80 MCS0_Right Edge_0mm_Ch138

Communication System: IEEE 802.11ac; Frequency: 5690.000 MHz

Medium: HSL_5G_241101 Medium parameters used: $f = 5690.000$ MHz; $\sigma = 5.18$ S/m; $\epsilon_r = 34.8$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.6, 4.41, 4.36); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (160.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.86 W/kg; SAR (10g) = 1.16 W/kg;

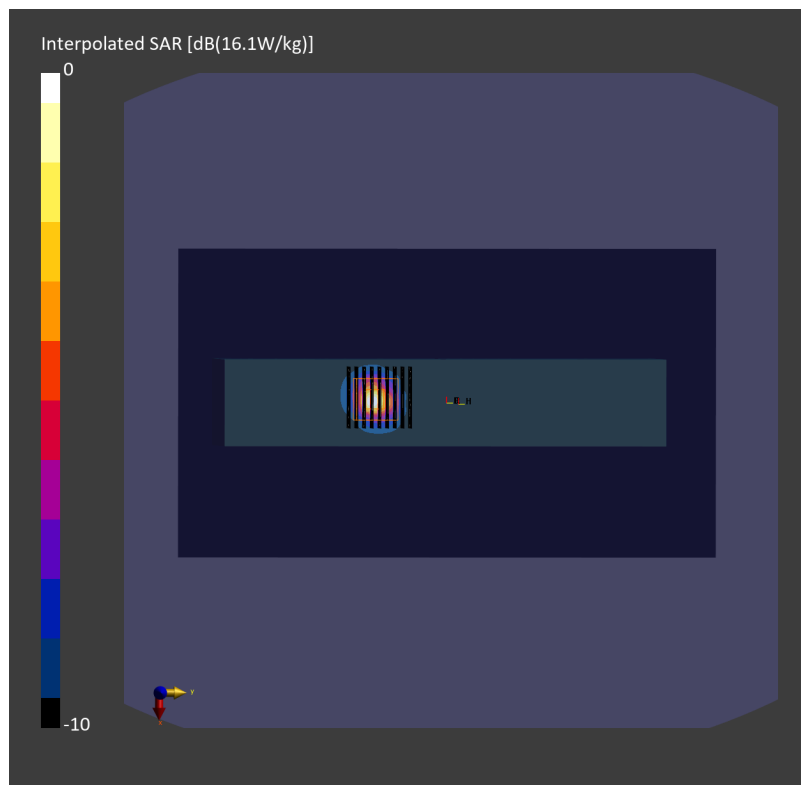
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.10 dB

SAR (1g) = 3.93 W/kg; SAR (8g) = 1.31 W/kg; SAR (10g) = 1.12 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 62.6 %



Date: 2024-11-01

#88_WLAN5GHz_802.11ac-VHT80 MCS0_Right Edge_0mm_Ch155

Communication System: IEEE 802.11ac; Frequency: 5775.000 MHz

Medium: HSL_5G_241101 Medium parameters used: $f = 5775.000$ MHz; $\sigma = 5.28$ S/m; $\epsilon_r = 34.7$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.6, 4.41, 4.36); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (160.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.59 W/kg; SAR (10g) = 1.05 W/kg;

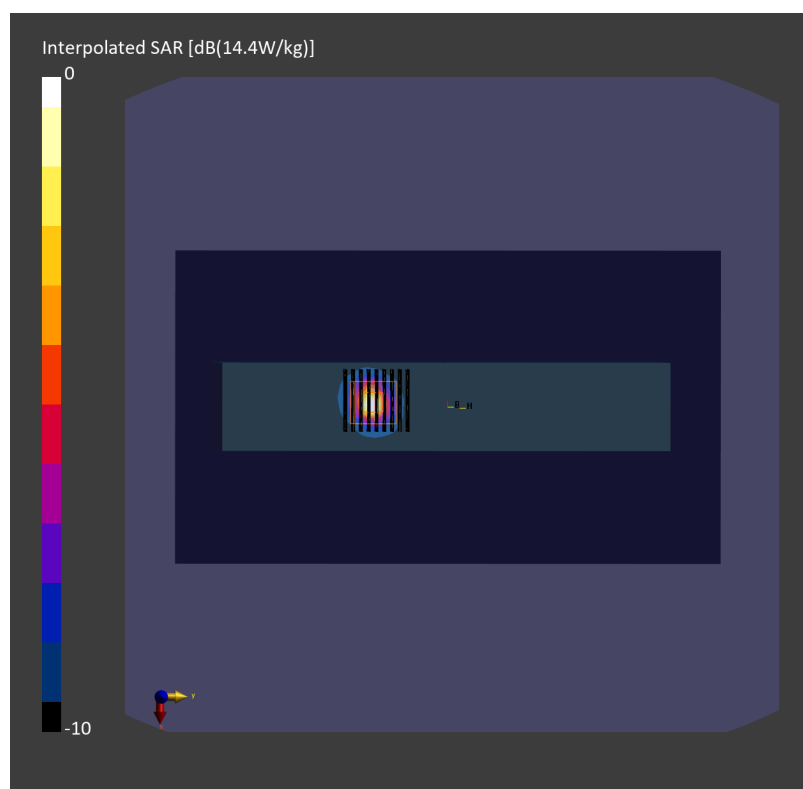
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.17 dB

SAR (1g) = 3.49 W/kg; SAR (8g) = 1.17 W/kg; SAR (10g) = 0.998 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 61.6 %



Date: 2024-11-05

#89_WLAN5GHz_802.11ac-VHT80 MCS0_Right Edge_0mm_Ch171

Communication System: IEEE 802.11ac; Frequency: 5855.000 MHz

Medium: HSL_5G_241105 Medium parameters used: $f = 5855.000$ MHz; $\sigma = 5.37$ S/m; $\epsilon_r = 34.7$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7793; ConvF(4.37, 4.42, 4.46); Calibrated: 2024-03-01
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2023-12-06
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10544-AAD

Area Scan (160.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.88 W/kg; SAR (10g) = 0.886 W/kg;

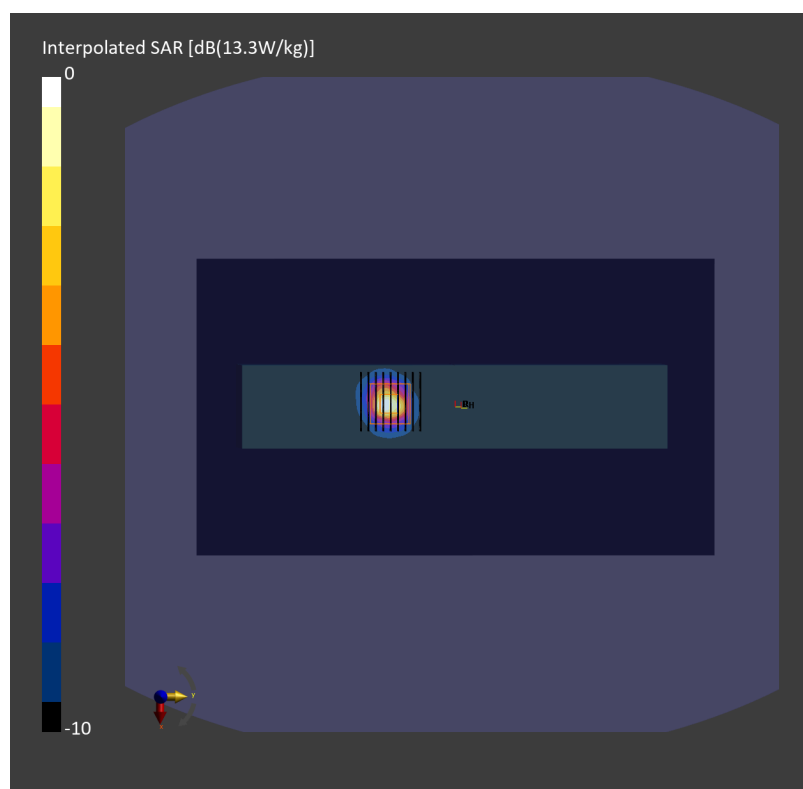
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.01 dB

SAR (1g) = 3.11 W/kg; SAR (8g) = 1.04 W/kg; SAR (10g) = 0.891 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 60.4 %



Date: 2024-11-02

#90_WLAN6GHz_802.11ax-HE160 MCS0_Right Edge_0mm_Ch143

Communication System: IEEE 802.11ax; Frequency: 6665.000 MHz

Medium: HSL_6G_241102 Medium parameters used: $f = 6665.000$ MHz; $\sigma = 6.40$ S/m; $\epsilon_r = 34.8$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(4.88, 4.81, 4.7); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10755-AAC

Area Scan (85.0 mm x 272.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.655 W/kg; SAR (10g) = 0.205 W/kg;

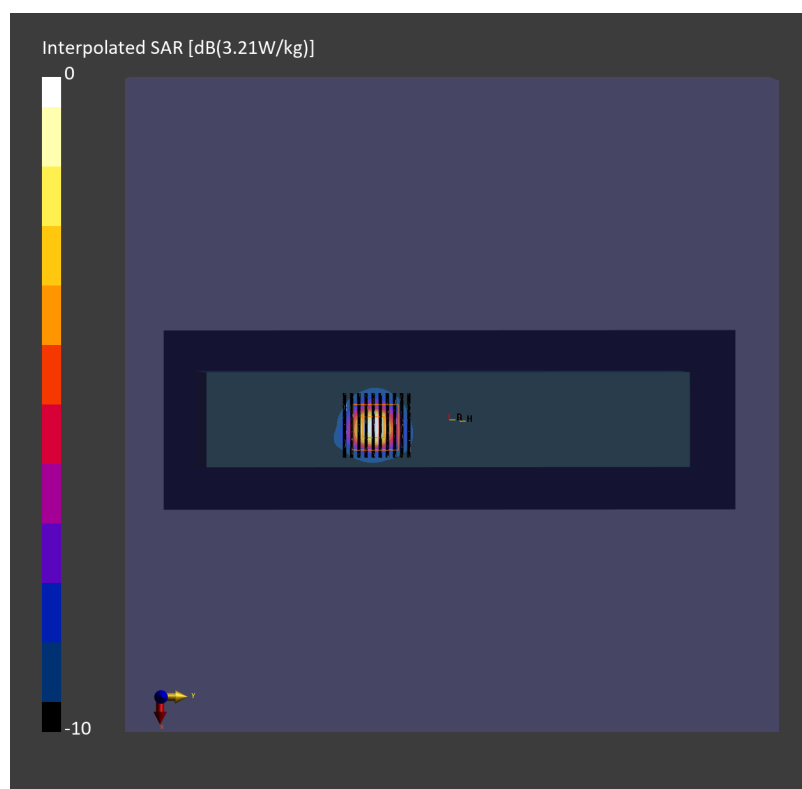
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.18 dB

SAR (1g) = 0.649 W/kg; SAR (8g) = 0.226 W/kg; SAR (10g) = 0.196 W/kg

Smallest distance from peaks to all points 3 dB below = 8.0 mm

Ratio of SAR at M2 to SAR at M1 = 50.7 %

psAPD (1.0cm², sq) = 6.49 [W/m²]; psAPD (4.0cm², sq) = 4.52 [W/m²]

Date: 2024-11-07

#91_Bluetooth LE_S8_Left Edge_0mm_Ch0

Communication System: IEEE 802.15.1 Bluetooth; Frequency: 2402.000 MHz

Medium: HSL_2450_241107 Medium parameters used: $f = 2402.000$ MHz; $\sigma = 1.76$ S/m; $\epsilon_r = 39.1$

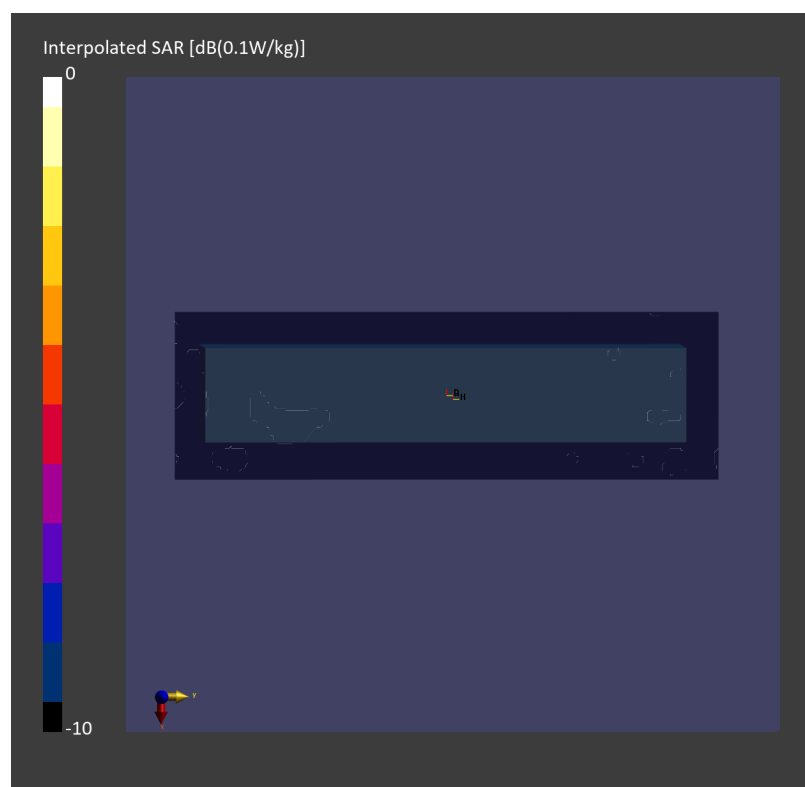
Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7785; ConvF(6.88, 6.53, 6.42); Calibrated: 2023-11-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1399; Calibrated: 2024-03-13
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2204; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

Area Scan (80.0 mm x 260.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.001 W/kg; SAR (10g) = 0.001 W/kg;



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2024/11/14

#92_NFC_ASK_Back_0mm

Communication System: NFC; Frequency: 13.56 MHz

Medium: HSL_13_241114 Medium parameters used : $f = 13.56$ MHz; $\sigma = 0.728$ S/m; $\epsilon_r = 54.672$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(18.14, 18.14, 18.14) @ 13.56 MHz; Calibrated: 2024/4/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn656; Calibrated: 2024/1/18
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (81x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.183 W/kg

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

Reference Value = 0.5040 V/m; Power Drift = 0.11 dB

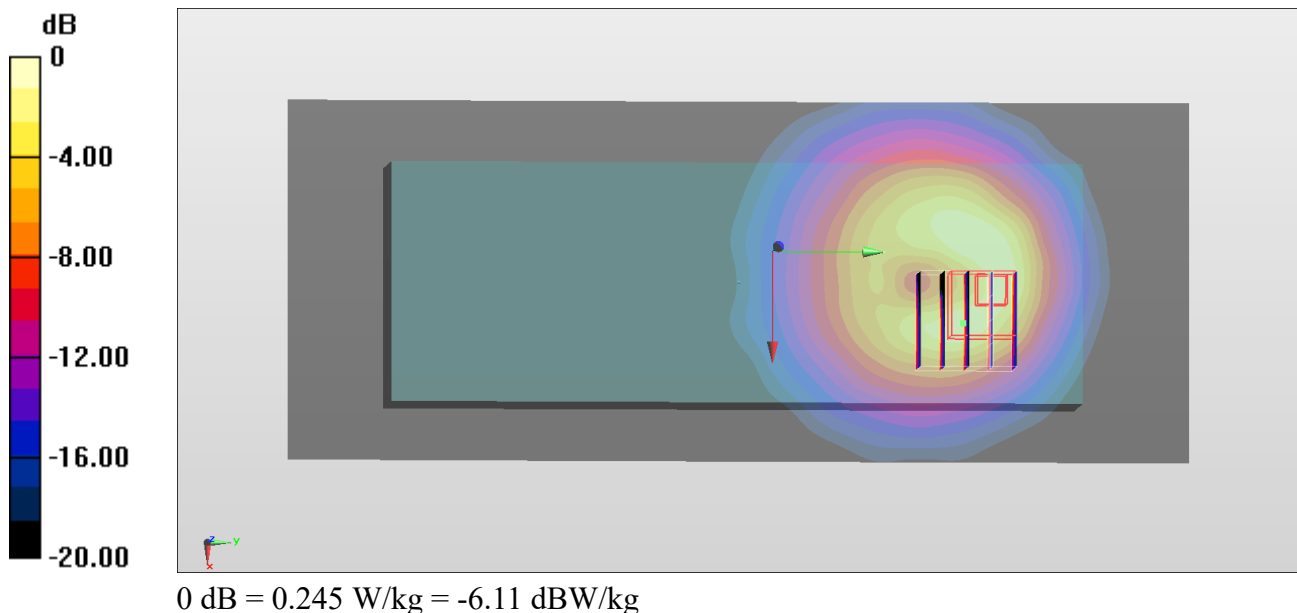
Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.052 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 43.5%

Maximum value of SAR (measured) = 0.245 W/kg



Measurement Report for Device

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	Software Version	DUT Type
Device,	232.0 x 85.0 x 42.0	3.2.0.1840	Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	EDGE RIGHT, 2.00	6025.0	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave – 1044	Air –	EUmmWV4 – SN9441_F1–55GHz, 2023–11–17	DAE4 Sn661, 2024–05–16

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0

Measurement Results

Date	2024–10–29
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.26
psPDtot+ [W/m ²]	3.47
H _{max} [A/m]	0.119
E _{max} [V/m]	46.2
max _(Stot) [W/m ²]	4.46
Power Drift [dB]	–0.06
IPDn	1.72

