

Date: 2024-04-03

52_LTE Band 41_20M_QPSK_1RB_0Offset_Front_25mm_Ch40620

Communication System: Band 41; Frequency: 2593.000

Medium: HSL. Medium parameters used: $f = 2593.000$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.26, 7.33, 6.94); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (96.0 mm x 160.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 0.020 W/kg; SAR (10g) = 0.011 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;

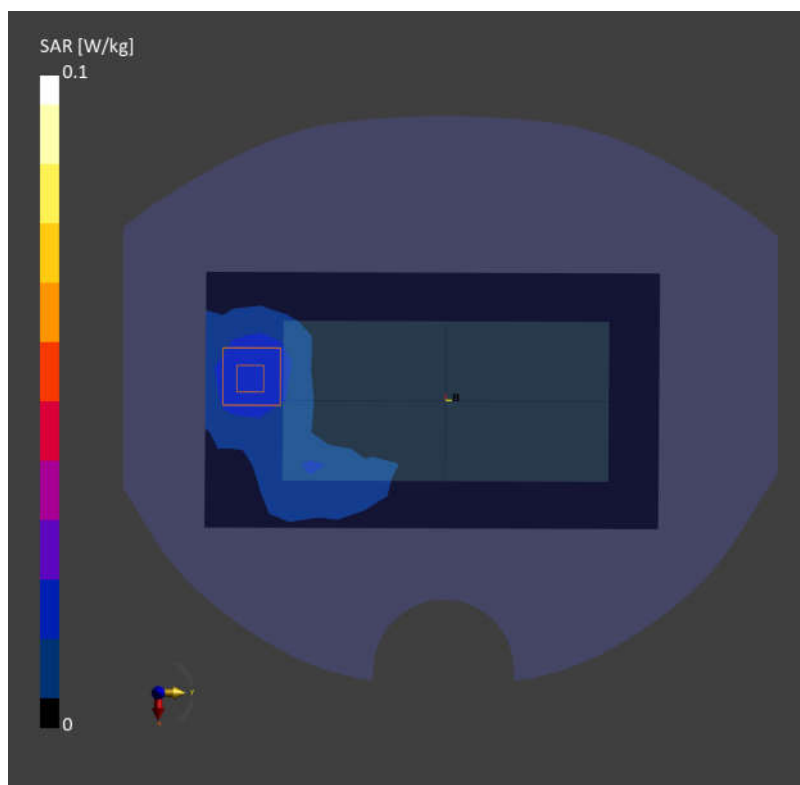
Graded Ratio: 1.5

Power Drift = 0.01 dB

SAR (1g) = 0.018 W/kg; SAR (10g) = 0.010 W/kg;

Smallest distance from peaks to all points 3dB below is 15.0 mm

Ratio of SAR at M2 to SAR at M1 = 92.0 %



Date: 2024-04-03

53_FR1 n7_40M_QPSK_1RB_1Offset_Front_25mm_Ch507000

Communication System: Band n7; Frequency: 2535.000

Medium: HSL. Medium parameters used: $f = 2535.000$ MHz; $\sigma = 1.80$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.26, 7.33, 6.94); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (96.0 mm x 160.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 0.071 W/kg; SAR (10g) = 0.039 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 5.0 mm;

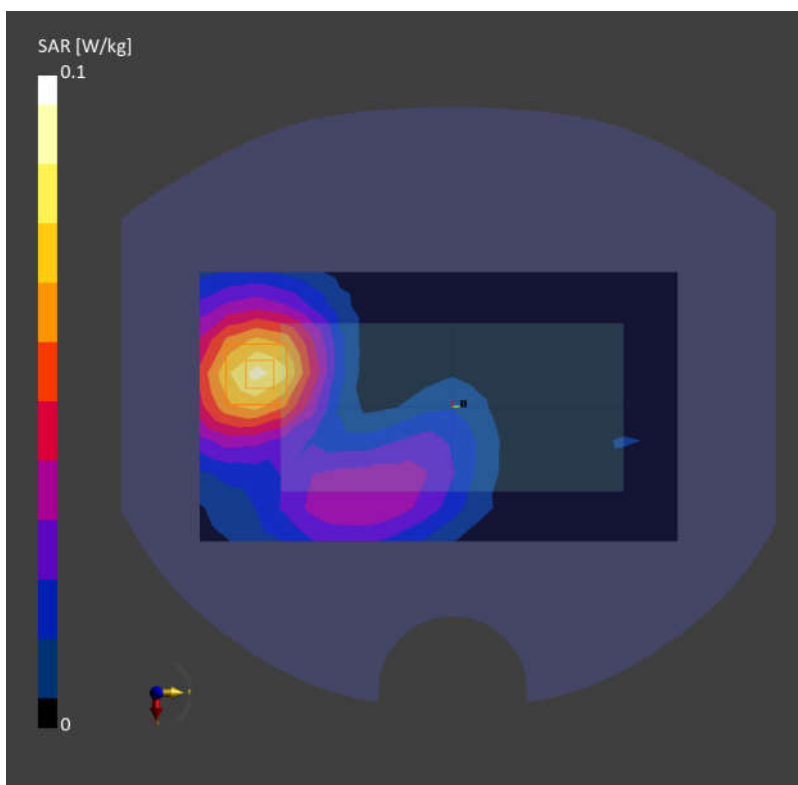
Graded Ratio: 1.5

Power Drift = -0.05 dB

SAR (1g) = 0.070 W/kg; SAR (10g) = 0.039 W/kg;

Smallest distance from peaks to all points 3dB below is 17.1 mm

Ratio of SAR at M2 to SAR at M1 = 57.2 %



54_FR1 n41_100M_QPSK_135RB_69Offset_Front_25mm_Ch518598

Communication System: Band n41; Frequency: 2592.990

Medium: HSL. Medium parameters used: $f = 2592.990$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.26, 7.33, 6.94); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (96.0 mm x 160.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 0.163 W/kg; SAR (10g) = 0.088 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 5.0 mm;

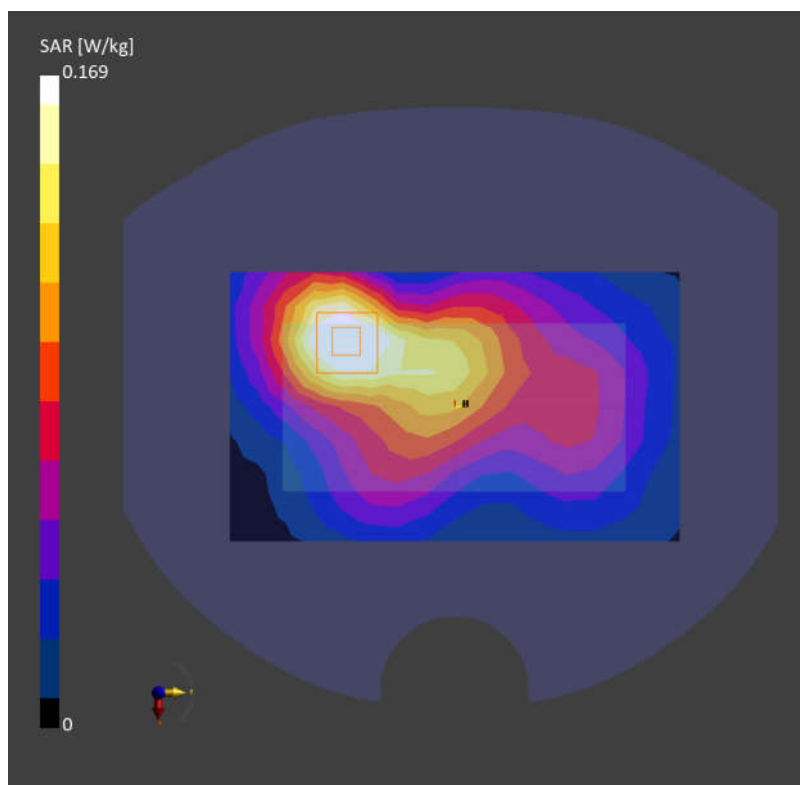
Graded Ratio: 1.5

Power Drift = 0.05 dB

SAR (1g) = 0.169 W/kg; SAR (10g) = 0.094 W/kg;

Smallest distance from peaks to all points 3dB below is 15.7 mm

Ratio of SAR at M2 to SAR at M1 = 56.4 %



55_LTE Band 48_20M_QPSK_1RB_0Offset_Front_25mm_Ch55830

Communication System: Band 48; Frequency: 3609.000

Medium: HSL. Medium parameters used: $f=3609.000$ MHz; $\sigma=2.91$ S/m; $\epsilon_r=38.6$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.12, 7.13, 6.87); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (100.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.149 W/kg; SAR (10g) = 0.074 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm;

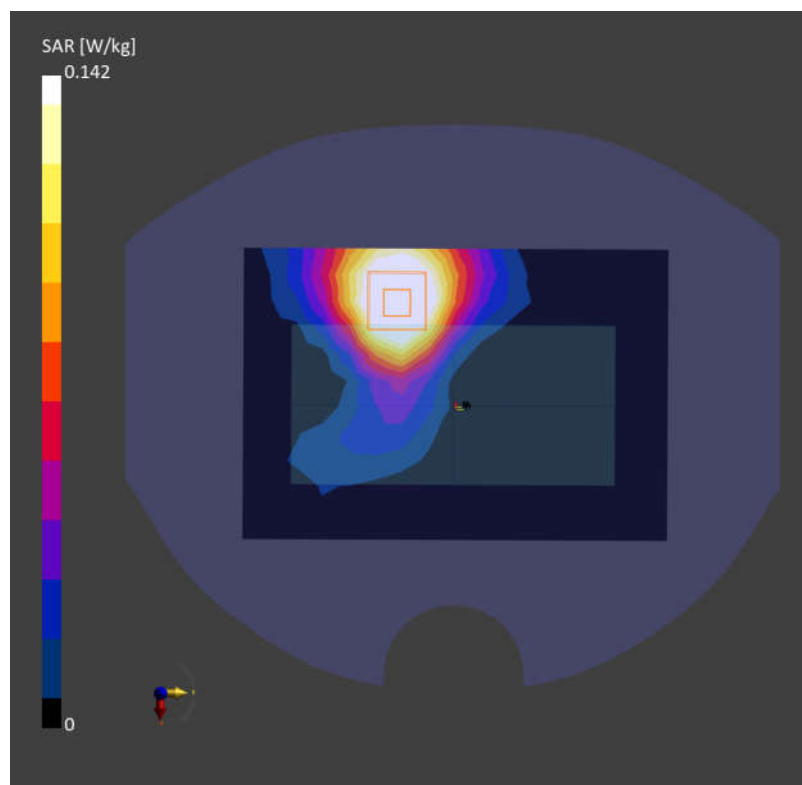
Graded Ratio: 1.5

Power Drift = 0.02 dB

SAR (1g) = 0.142 W/kg; SAR (10g) = 0.069 W/kg;

Smallest distance from peaks to all points 3dB below is 18.2 mm

Ratio of SAR at M2 to SAR at M1 = 78.2 %



56_FR1 n48_40M_QPSK_50RB_28Offset_Front_25mm_Ch641666

Communication System: Band n48; Frequency: 3624.990

Medium: HSL. Medium parameters used: $f = 3624.990$ MHz; $\sigma = 2.92$ S/m; $\epsilon_r = 38.5$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.12, 7.13, 6.87); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (100.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.258 W/kg; SAR (10g) = 0.126 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm;

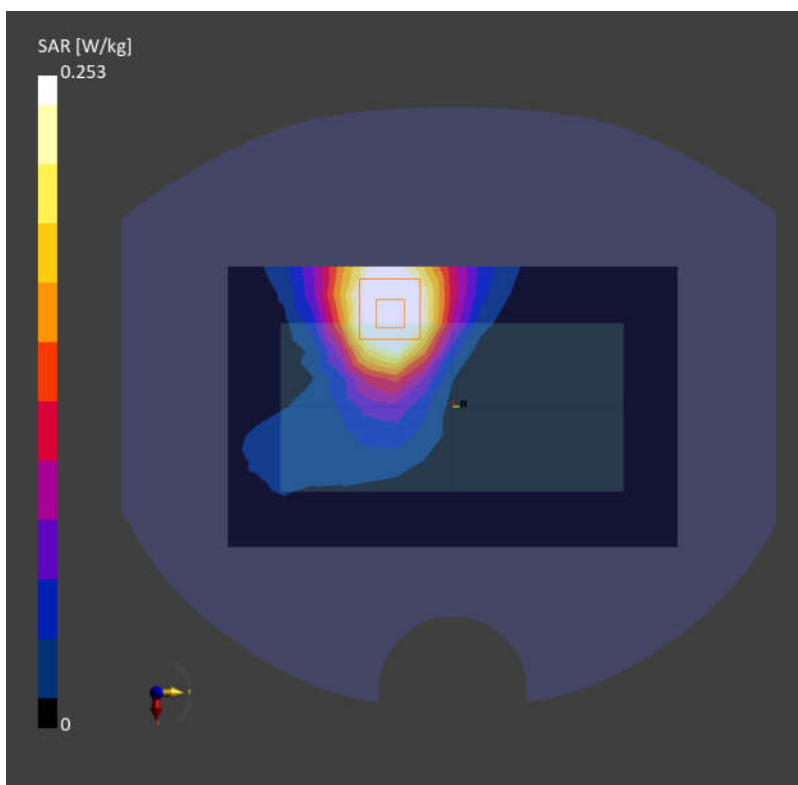
Graded Ratio: 1.5

Power Drift = -0.03 dB

SAR (1g) = 0.253 W/kg; SAR (10g) = 0.123 W/kg;

Smallest distance from peaks to all points 3dB below is 17.7 mm

Ratio of SAR at M2 to SAR at M1 = 77.5 %



57_FR1 n77_100M_QPSK_1RB_1Offset_Front_25mm_Ch633334

Communication System: Band n77; Frequency: 3500.010

Medium: HSL. Medium parameters used: $f = 3500.010$ MHz; $\sigma = 2.81$ S/m; $\epsilon_r = 38.7$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.16, 7.18, 6.9); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (100.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.519 W/kg; SAR (10g) = 0.260 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm;

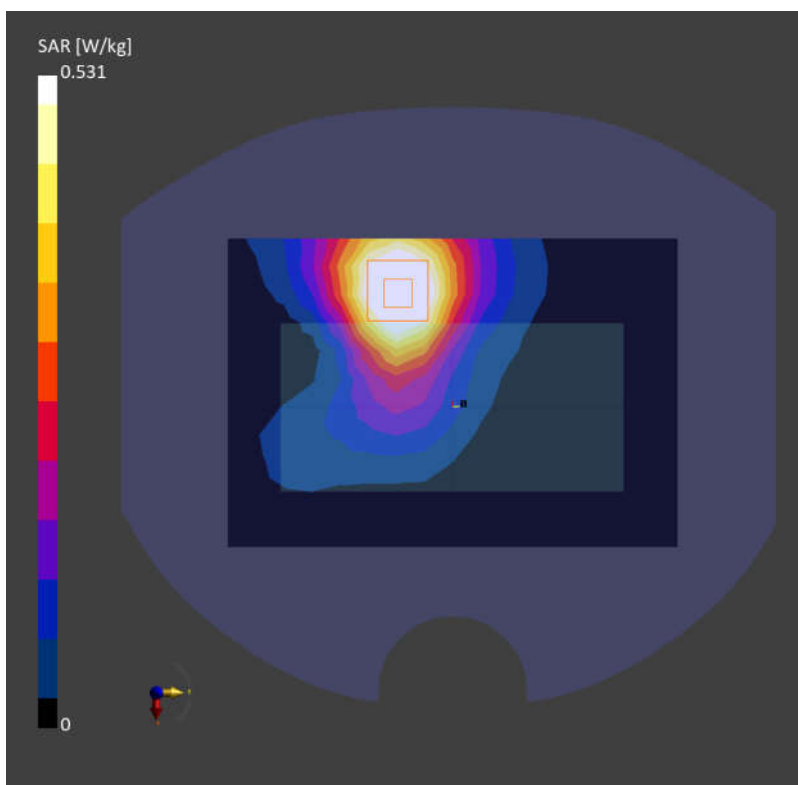
Graded Ratio: 1.5

Power Drift = 0.02 dB

SAR (1g) = 0.531 W/kg; SAR (10g) = 0.271 W/kg;

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

Ratio of SAR at M2 to SAR at M1 = 80.5 %



83_LORA_DTS-500K_Front_25mm_Ch1

Communication System: UID 0, LTE-FDD (0); Frequency: 904 MHz; Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: $f = 904$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 42.07$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.29, 8.23, 9.75); Calibrated: 2024/1/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x111x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.636 W/kg

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

Reference Value = 17.32 V/m; Power Drift = 0.19 dB

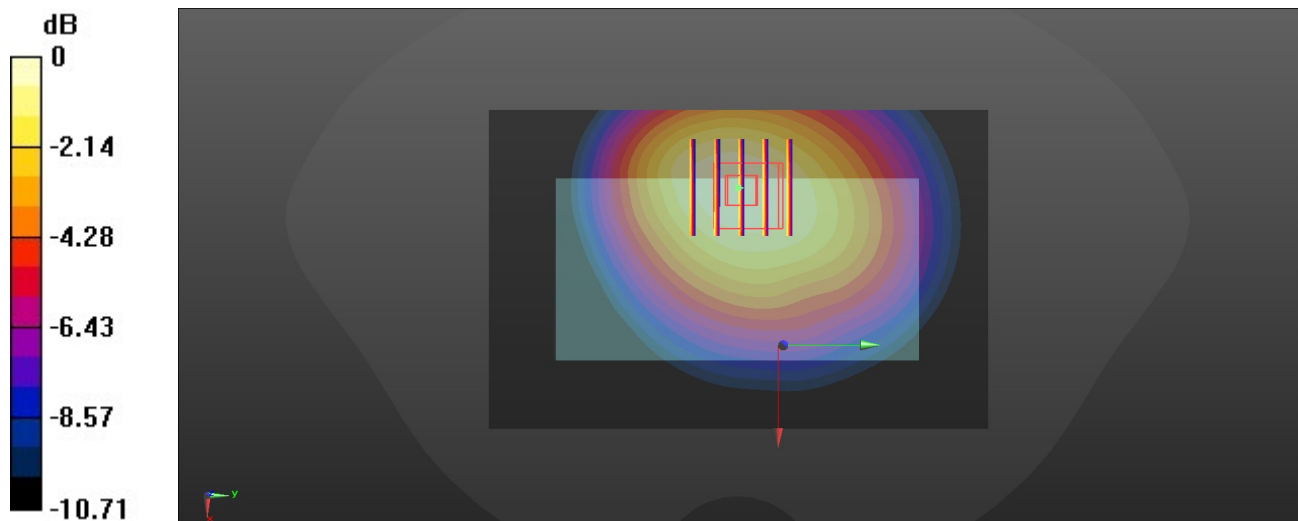
Peak SAR (extrapolated) = 0.531 W/kg

SAR(1 g) = 0.583 W/kg; SAR(10 g) = 0.369 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 71.3%

Maximum value of SAR (measured) = 0.436 W/kg



0 dB = 0.436 W/kg = -3.61 dBW/kg

137_WLAN5GHz_802.11n-HT40 MCS0_Front_25mm_Ch62

Communication System: UID 0, WLAN5GHz (0); Frequency: 5310 MHz; Duty Cycle: 1:1
Medium: HSL_5000 Medium parameters used: $f = 5310$ MHz; $\sigma = 4.631$ S/m; $\epsilon_r = 36.224$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.34, 4.76, 5.24); Calibrated: 2024/1/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x151x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 0.432 W/kg

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

Reference Value = 4.113 V/m; Power Drift = 0.01 dB

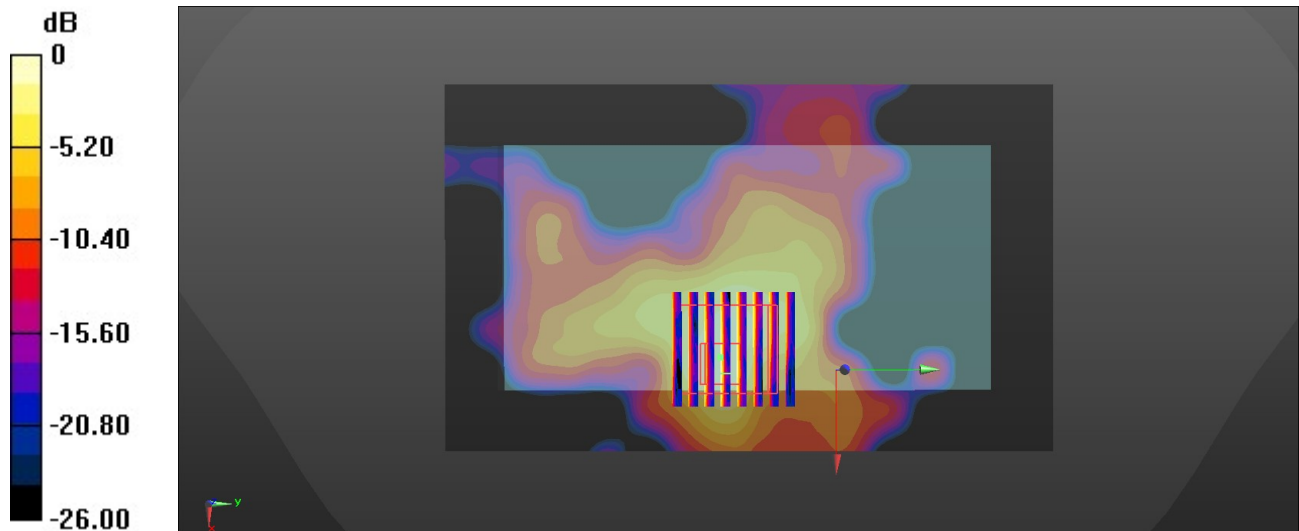
Peak SAR (extrapolated) = 0.851 W/kg

SAR(1 g) = 0.278 W/kg; SAR(10 g) = 0.074 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 63.8%

Maximum value of SAR (measured) = 0.453 W/kg



0 dB = 0.453 W/kg = -3.44 dBW/kg

138_WLAN5GHz_802.11n-HT40 MCS0_Front_25mm_Ch102

Communication System: UID 0, WLAN5GHz (0); Frequency: 5510 MHz; Duty Cycle: 1:1

Medium: HSL_5000 Medium parameters used: $f = 5510$ MHz; $\sigma = 4.85$ S/m; $\epsilon_r = 35.886$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.9, 4.3, 4.75); Calibrated: 2024/1/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x151x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.724 W/kg

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

Reference Value = 6.607 V/m; Power Drift = 0.03 dB

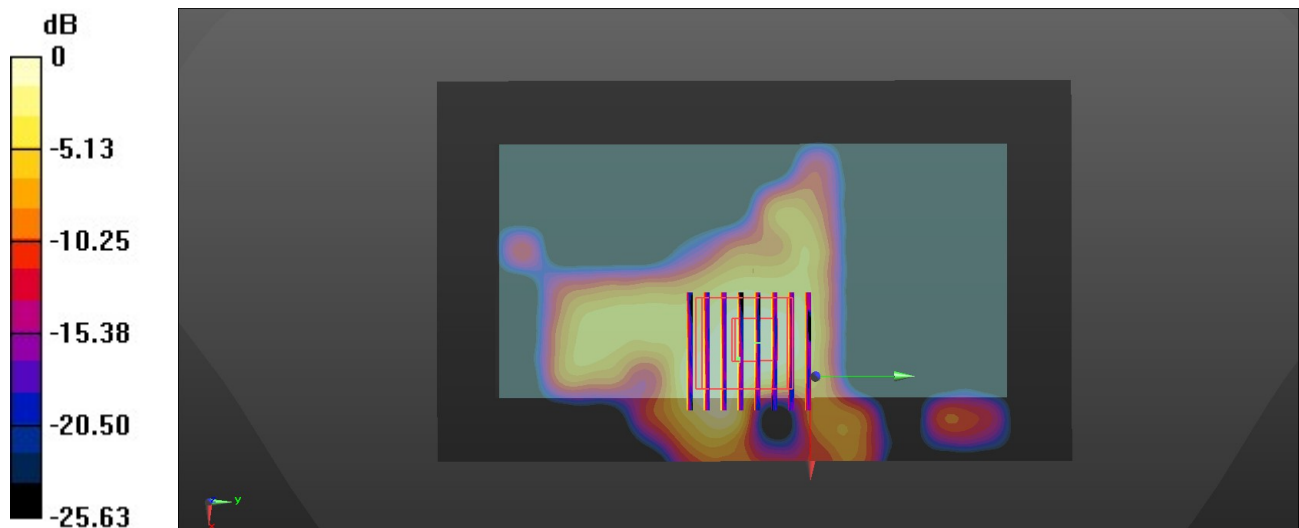
Peak SAR (extrapolated) = 0.915 W/kg

SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.087 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

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

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



0 dB = 0.578 W/kg = -2.38 dBW/kg

139_WLAN5GHz_802.11ac-VHT80 MCS0_Front_25mm_Ch155

Communication System: UID 0, WLAN5GHz (0); Frequency: 5775 MHz; Duty Cycle: 1:1
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.134$ S/m; $\epsilon_r = 35.546$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.19, 4.53, 5.01); Calibrated: 2024/1/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (91x151x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.03 W/kg

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

Reference Value = 6.999 V/m; Power Drift = -0.08 dB

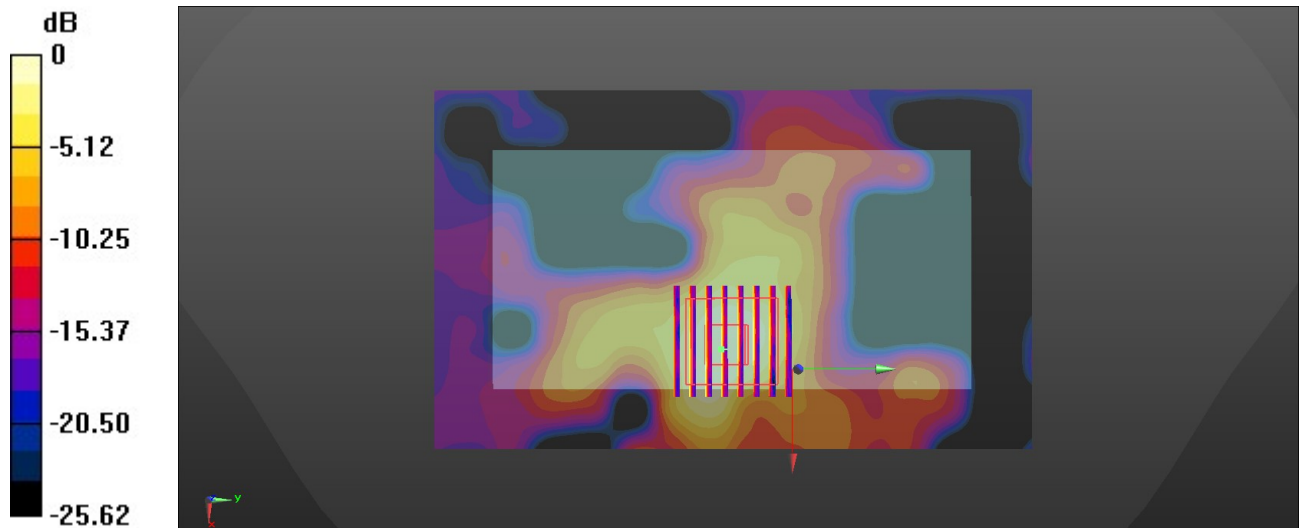
Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.155 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 62.3%

Maximum value of SAR (measured) = 0.872 W/kg



0 dB = 0.872 W/kg = -0.59 dBW/kg

58_LTE Band 12_10M_QPSK_1RB_0Offset_Back_5mm_Ch23095

Communication System: Band 12; Frequency: 707.500

Medium: HSL. Medium parameters used: $f = 707.500$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 42.6$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(9.58, 10.16, 9.11); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.697 W/kg; SAR (10g) = 0.486 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

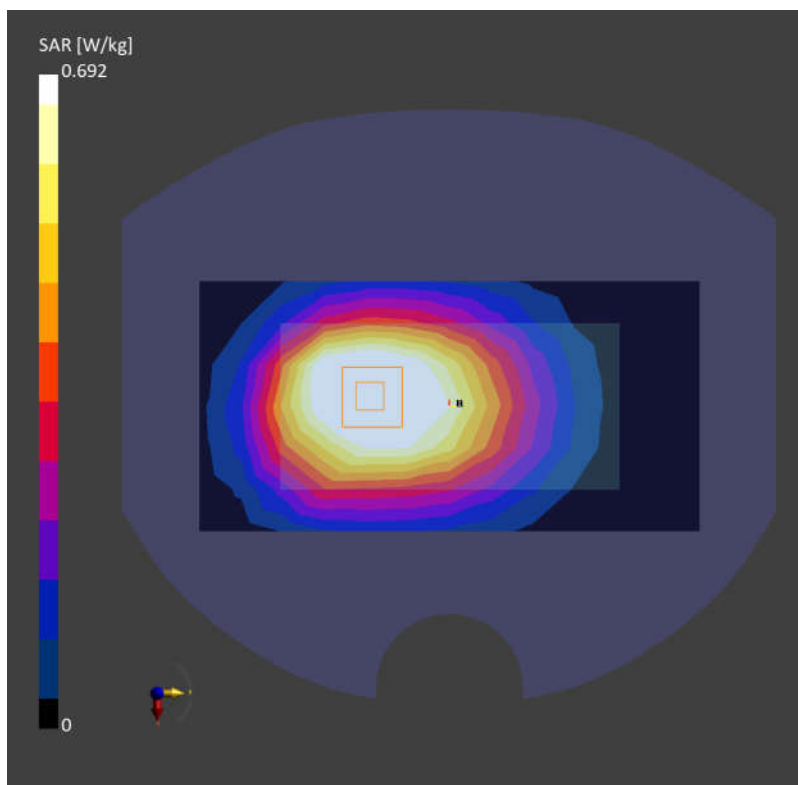
Graded Ratio: 1.5

Power Drift = 0.02 dB

SAR (1g) = 0.692 W/kg; SAR (10g) = 0.511 W/kg;

Smallest distance from peaks to all points 3dB below is 22.8 mm

Ratio of SAR at M2 to SAR at M1 = 90.2 %



59_LTE Band 13_10M_QPSK_1RB_0Offset_Front_5mm_Ch23230

Communication System: Band 13; Frequency: 782.000

Medium: HSL. Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 42.4$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(9.58, 10.16, 9.11); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.561 W/kg; SAR (10g) = 0.387 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

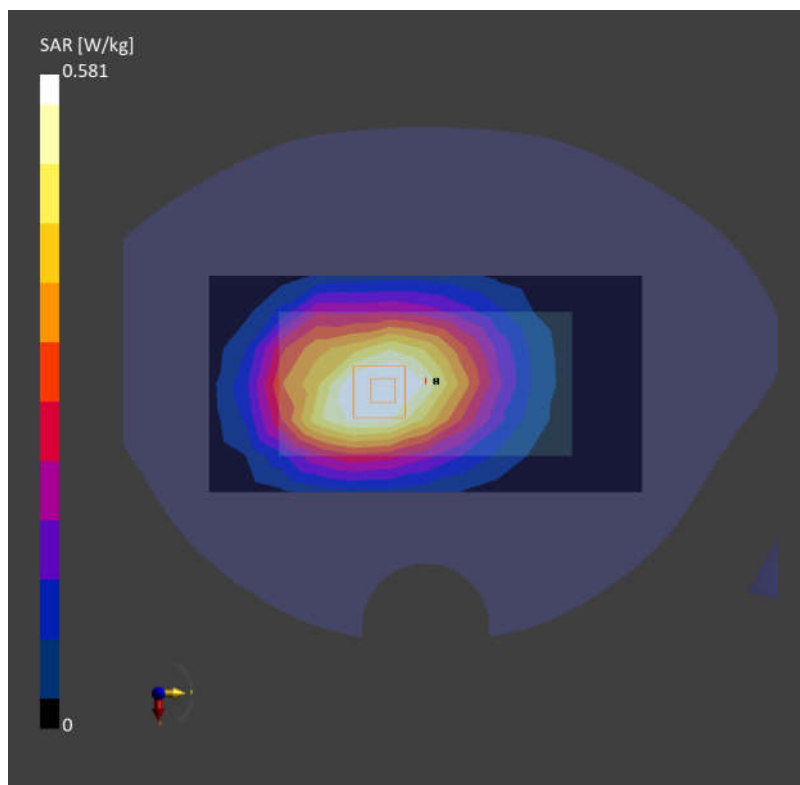
Graded Ratio: 1.5

Power Drift = -0.04 dB

SAR (1g) = 0.581 W/kg; SAR (10g) = 0.411 W/kg;

Smallest distance from peaks to all points 3dB below is > 16.0 mm

Ratio of SAR at M2 to SAR at M1 = 90.3 %



60_LTE Band 14_10M_QPSK_1RB_0Offset_Front_5mm_Ch23330

Communication System: Band 14; Frequency: 793.000

Medium: HSL. Medium parameters used: $f = 793.000$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 42.4$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(9.58, 10.16, 9.11); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.570 W/kg; SAR (10g) = 0.398 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

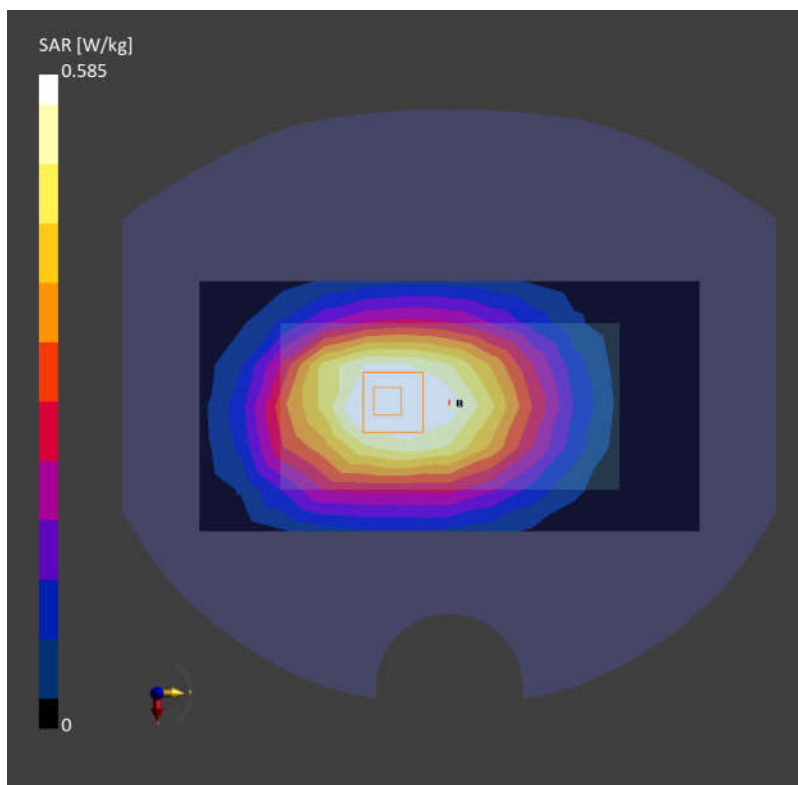
Graded Ratio: 1.5

Power Drift = 0.06 dB

SAR (1g) = 0.585 W/kg; SAR (10g) = 0.425 W/kg;

Smallest distance from peaks to all points 3dB below is > 16.0 mm

Ratio of SAR at M2 to SAR at M1 = 89.5 %



61_LTE Band 71_20M_QPSK_1RB_0Offset_Back_5mm_Ch133322

Communication System: Band 71; Frequency: 683.000

Medium: HSL. Medium parameters used: $f=683.000$ MHz; $\sigma=0.861$ S/m; $\epsilon_r=42.8$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(9.58, 10.16, 9.11); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.624 W/kg; SAR (10g) = 0.434 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 5.0 mm;

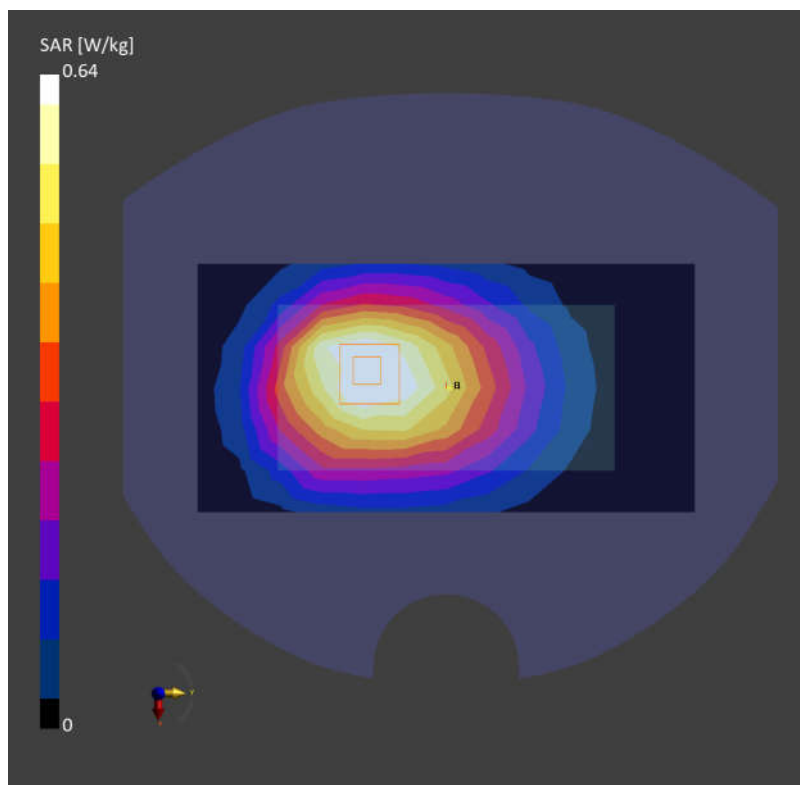
Graded Ratio:1.5

Power Drift = 0.02 dB

SAR (1g) = 0.640 W/kg; SAR (10g) = 0.442 W/kg;

Smallest distance from peaks to all points 3dB below is > 18.0 mm

Ratio of SAR at M2 to SAR at M1 = 68.2 %



62_FR1 n12_15M_QPSK_36RB_22Offset_Back_5mm_Ch141500

Communication System: Band n12; Frequency: 707.500

Medium: HSL. Medium parameters used: $f = 707.500$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 42.6$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(9.58, 10.16, 9.11); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.451 W/kg; SAR (10g) = 0.341 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

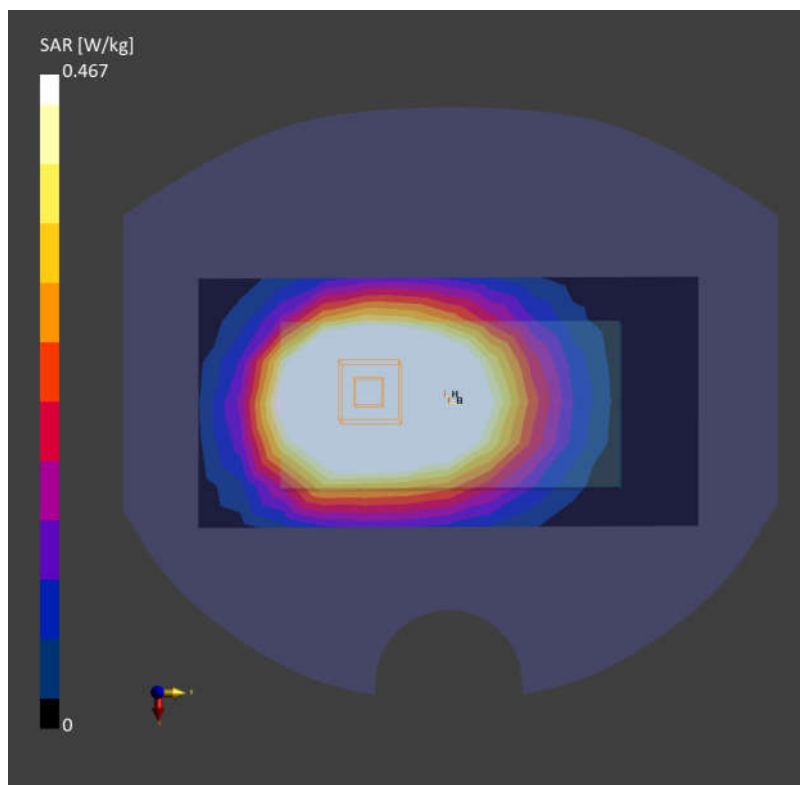
Graded Ratio: 1.5

Power Drift = -0.05 dB

SAR (1g) = 0.467 W/kg; SAR (10g) = 0.333 W/kg;

Smallest distance from peaks to all points 3dB below is 21.6 mm

Ratio of SAR at M2 to SAR at M1 = 89.7 %



Date: 2024-03-29

63_FR1 n13_10M_QPSK_1RB_1Offset_Front_5mm_Ch156400

Communication System: Band n13; Frequency: 782.000

Medium: HSL. Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 42.4$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(9.58, 10.16, 9.11); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.361 W/kg; SAR (10g) = 0.287 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

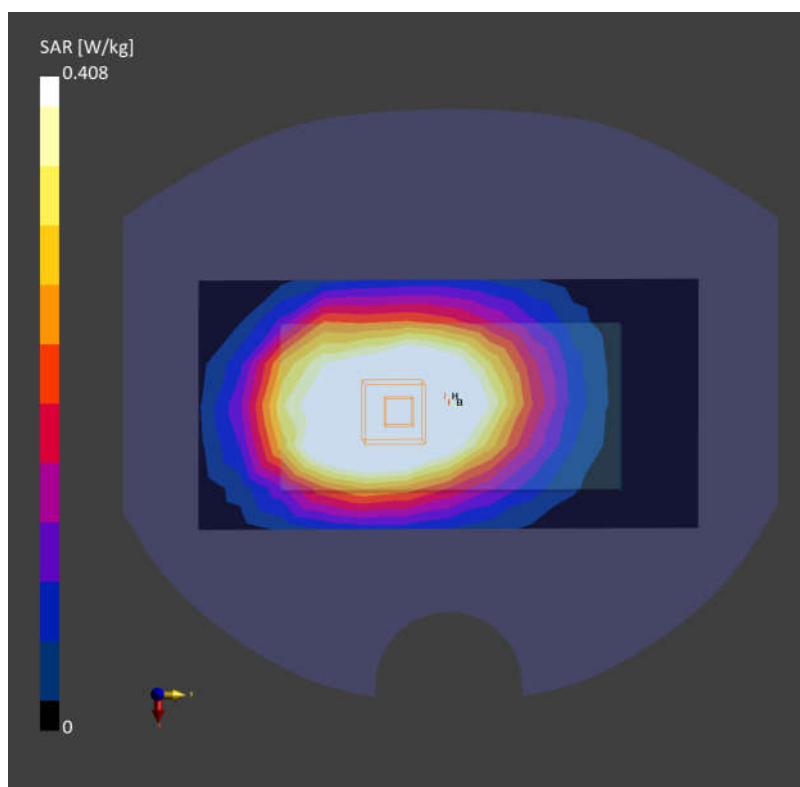
Graded Ratio: 1.5

Power Drift = 0.04 dB

SAR (1g) = 0.408 W/kg; SAR (10g) = 0.289 W/kg;

Smallest distance from peaks to all points 3dB below is > 16.0 mm

Ratio of SAR at M2 to SAR at M1 = 89.8 %



Date: 2024-03-29

64_FR1 n14_10M_QPSK_1RB_1Offset_Front_5mm_Ch158600

Communication System: Band n14; Frequency: 793.000

Medium: HSL. Medium parameters used: $f = 793.000$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 42.4$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(9.58, 10.16, 9.11); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.576 W/kg; SAR (10g) = 0.408 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

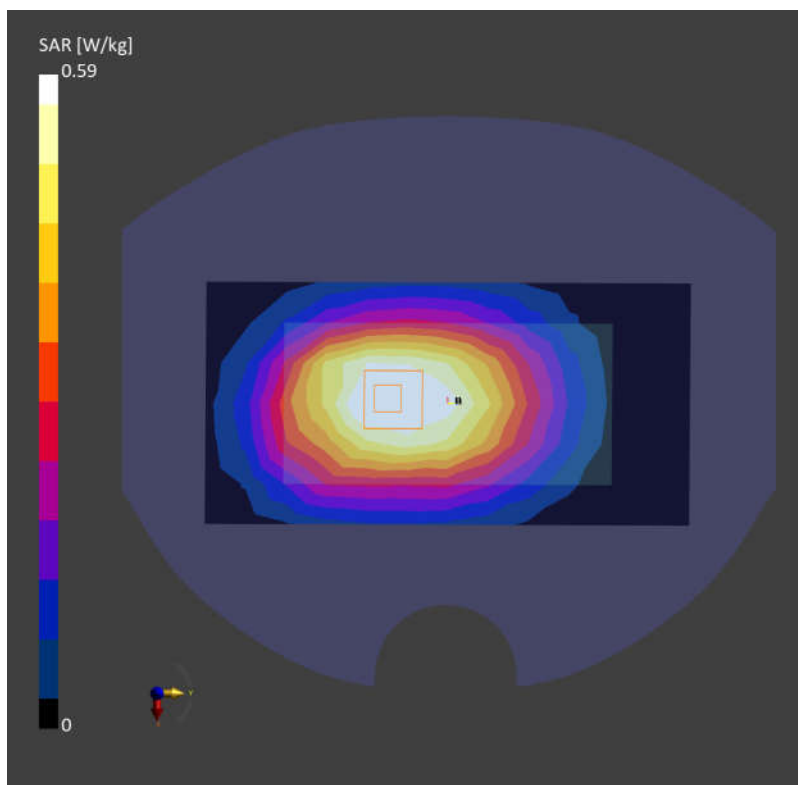
Graded Ratio: 1.5

Power Drift = 0.07 dB

SAR (1g) = 0.590 W/kg; SAR (10g) = 0.422 W/kg;

Smallest distance from peaks to all points 3dB below is > 16.0 mm

Ratio of SAR at M2 to SAR at M1 = 88.4 %



Date: 2024-03-29

65_FR1 n71_20M_QPSK_1RB_1Offset_Back_5mm_Ch136100

Communication System: Band n71; Frequency: 680.500

Medium: HSL. Medium parameters used: $f = 680.500$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 42.8$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(9.58, 10.16, 9.11); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.563 W/kg; SAR (10g) = 0.392 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

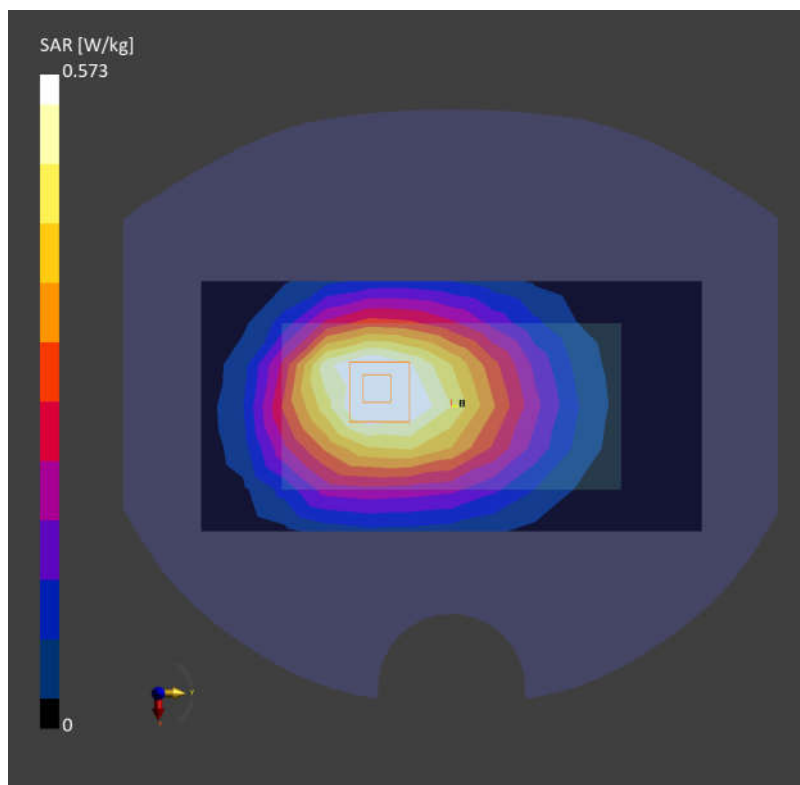
Graded Ratio: 1.5

Power Drift = 0.04 dB

SAR (1g) = 0.573 W/kg; SAR (10g) = 0.405 W/kg;

Smallest distance from peaks to all points 3dB below is 24.8 mm

Ratio of SAR at M2 to SAR at M1 = 90.3 %



66_LTE Band 26_15M_QPSK_1RB_0Offset_Front_5mm_Ch26865

Communication System: Band 26; Frequency: 831.500

Medium: HSL. Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 42.0$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(9.56, 9.74, 9.17); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.484 W/kg; SAR (10g) = 0.351 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

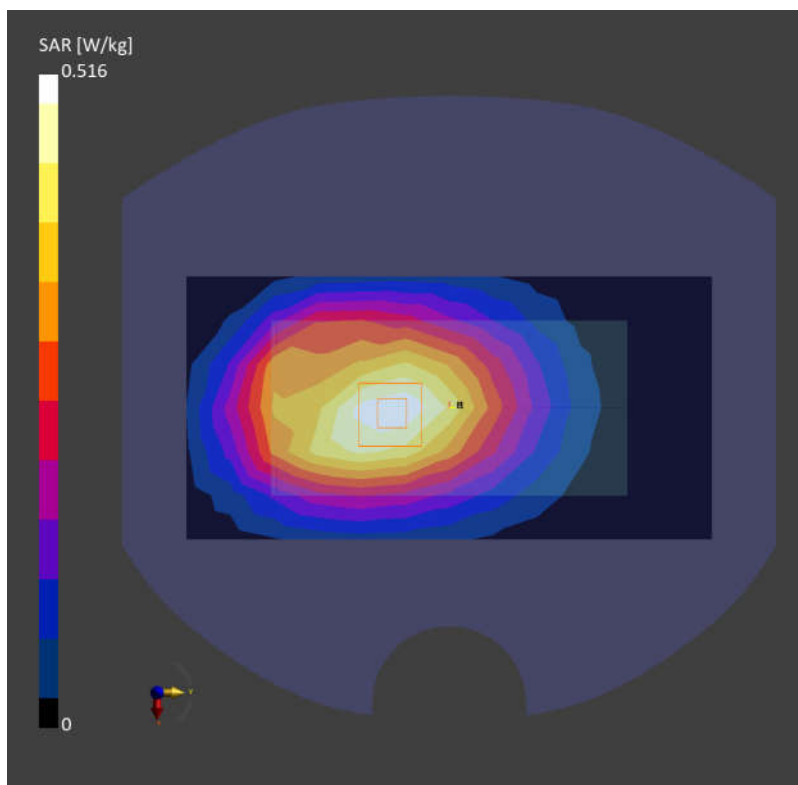
Graded Ratio: 1.5

Power Drift = 0.07 dB

SAR (1g) = 0.516 W/kg; SAR (10g) = 0.363 W/kg;

Smallest distance from peaks to all points 3dB below is > 18.0 mm

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



67_FR1 n26_20M_QPSK_1RB_1Offset_Front_5mm_Ch167800

Communication System: Band n26; Frequency: 839.000

Medium: HSL. Medium parameters used: $f = 839.000$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 42.0$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(9.56, 9.74, 9.17); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.383 W/kg; SAR (10g) = 0.262 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 5.0 mm;

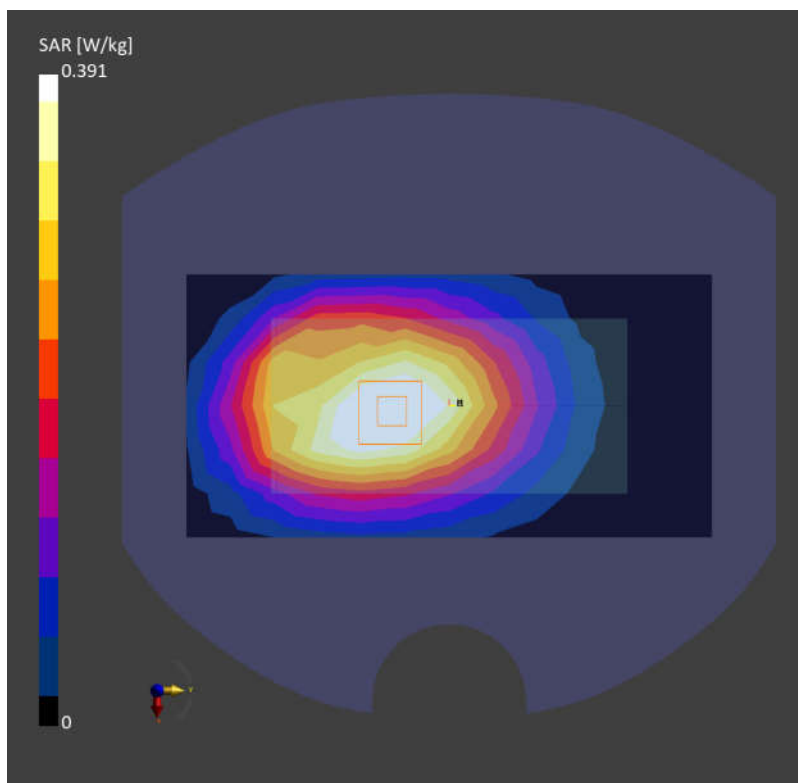
Graded Ratio: 1.5

Power Drift = -0.10 dB

SAR (1g) = 0.391 W/kg; SAR (10g) = 0.276 W/kg;

Smallest distance from peaks to all points 3dB below is > 18.0 mm

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



68_LTE Band 66_20M_QPSK_1RB_0Offset_Bottom Side_5mm_Ch132322

Communication System: Band 66; Frequency: 1745.000

Medium: HSL. Medium parameters used: $f = 1745.000$ MHz; $\sigma = 1.31$ S/m; $\epsilon_r = 40.2$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(8.48, 8.68, 7.98); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (60.0 mm x 90.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.502 W/kg; SAR (10g) = 0.283 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

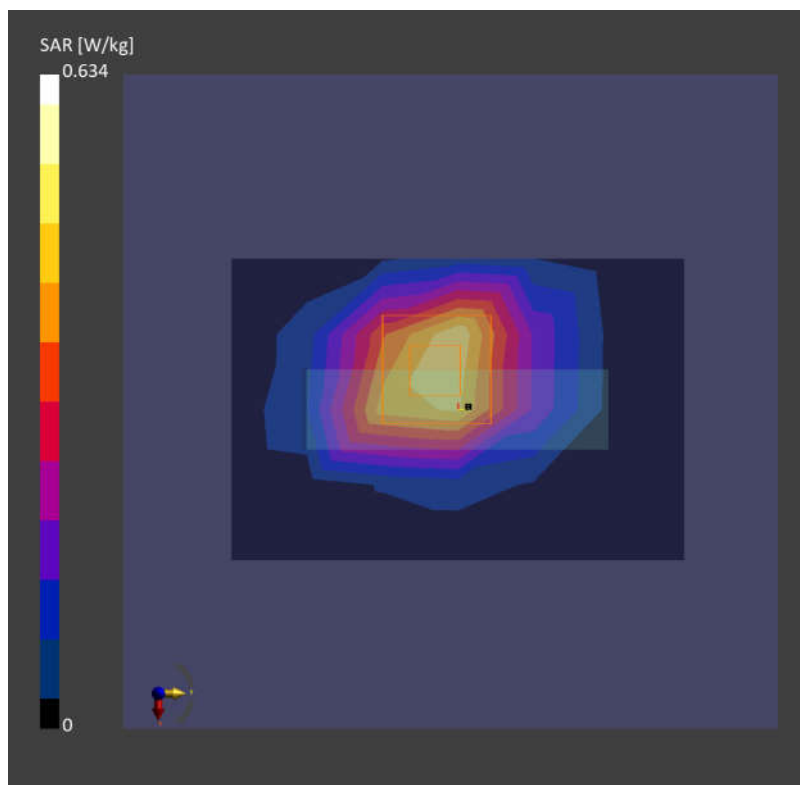
Graded Ratio: 1.5

Power Drift = -0.02 dB

SAR (1g) = 0.634 W/kg; SAR (10g) = 0.316 W/kg;

Smallest distance from peaks to all points 3dB below is 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 82.8 %



Date: 2024-03-31

69_FR1 n66_40M_QPSK_1RB_1Offset_Bottom Side_5mm_Ch349000

Communication System: Band n66; Frequency: 1745.000

Medium: HSL. Medium parameters used: $f = 1745.000$ MHz; $\sigma = 1.31$ S/m; $\epsilon_r = 40.2$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(8.48, 8.68, 7.98); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (60.0 mm x 90.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.466 W/kg; SAR (10g) = 0.251 W/kg;

Zoom Scan (36.0 mm x 36.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 5.0 mm;

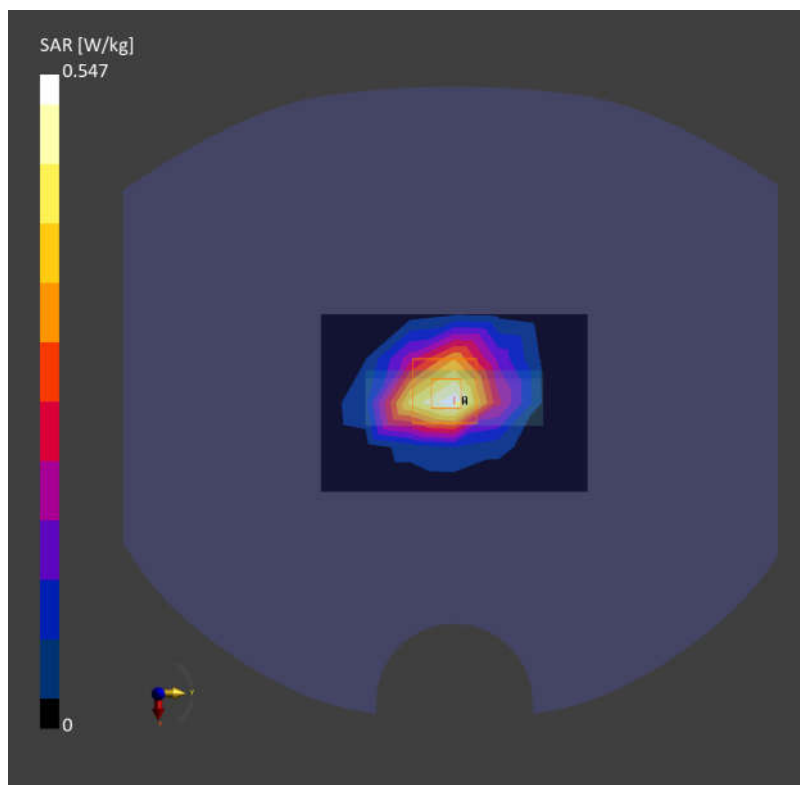
Graded Ratio: 1.5

Power Drift = 0.01 dB

SAR (1g) = 0.547 W/kg; SAR (10g) = 0.268 W/kg;

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

Ratio of SAR at M2 to SAR at M1 = 51.3 %



Date: 2024-03-31

70_FR1 n70_15M_QPSK_1RB_1Offset_Top Side_5mm_Ch340500

Communication System: Band n70; Frequency: 1702.500

Medium: HSL. Medium parameters used: $f = 1702.500$ MHz; $\sigma = 1.29$ S/m; $\epsilon_r = 40.5$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.7°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(8.48, 8.68, 7.98); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (60.0 mm x 90.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.368 W/kg; SAR (10g) = 0.205 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

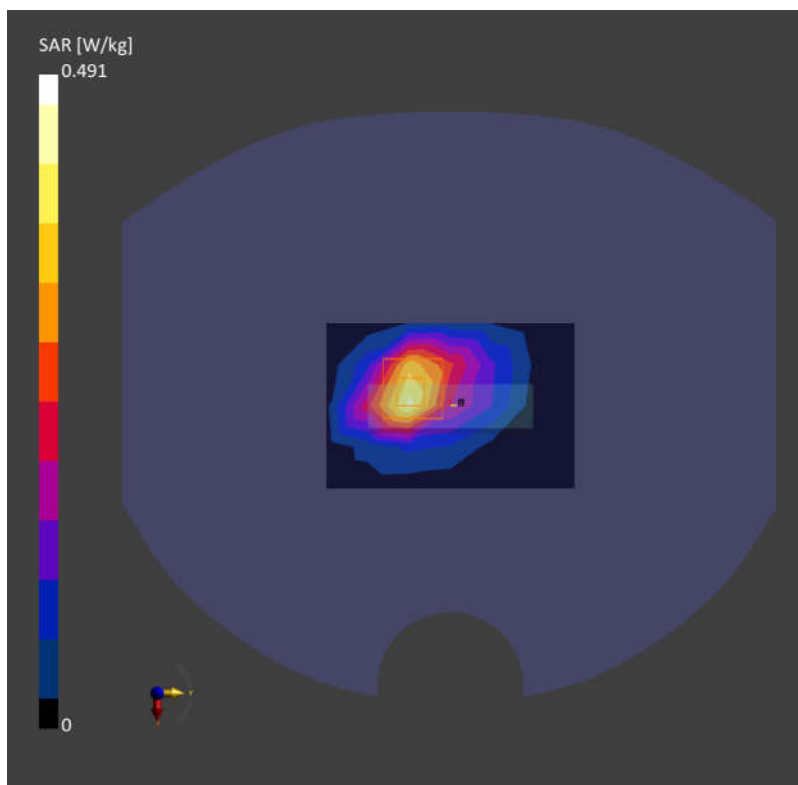
Graded Ratio: 1.5

Power Drift = 0.06 dB

SAR (1g) = 0.491 W/kg; SAR (10g) = 0.217 W/kg;

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

Ratio of SAR at M2 to SAR at M1 = 77.1 %



Date: 2024-04-01

71_LTE Band 25_20M_QPSK_1RB_0Offset_Right Side_5mm_Ch26340

Communication System: Band 25; Frequency: 1880.000

Medium: HSL. Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 40.1$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(8.0, 8.12, 7.59); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (60.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.737 W/kg; SAR (10g) = 0.427 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

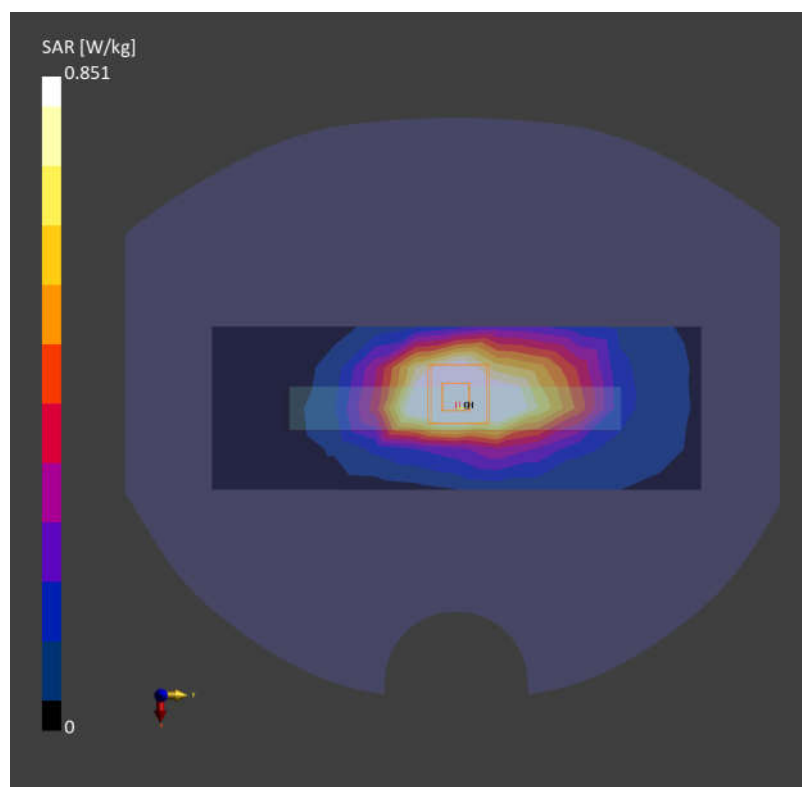
Graded Ratio: 1.5

Power Drift = 0.02 dB

SAR (1g) = 0.851 W/kg; SAR (10g) = 0.466 W/kg;

Smallest distance from peaks to all points 3dB below is 9.9 mm

Ratio of SAR at M2 to SAR at M1 = 58.6 %



Date: 2024-04-01

72_FR1 n25_40M_QPSK_1RB_1Offset_Right Side_5mm_Ch376500

Communication System: Band n25; Frequency: 1882.500

Medium: HSL. Medium parameters used: $f = 1882.500$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 40.1$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(8.0, 8.12, 7.59); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (60.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.715 W/kg; SAR (10g) = 0.417 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

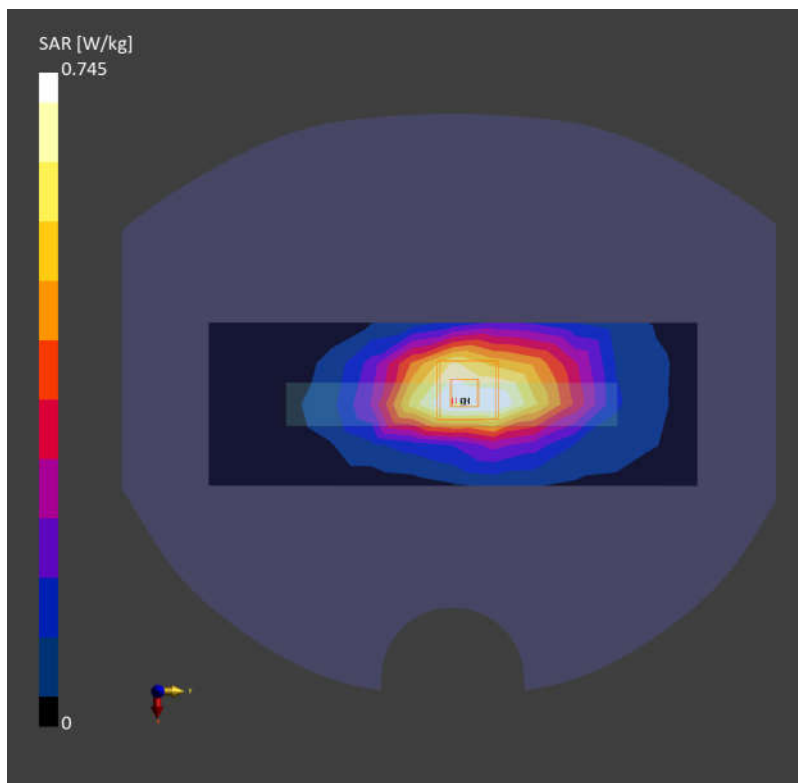
Graded Ratio: 1.5

Power Drift = 0.03 dB

SAR (1g) = 0.745 W/kg; SAR (10g) = 0.446 W/kg;

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

Ratio of SAR at M2 to SAR at M1 = 84.0 %



Date: 2024-04-01

73_FR1 n2_20M_QPSK_50RB_28Offset_Top Side_5mm_Ch376000

Communication System: Band n2; Frequency: 1880.000

Medium: HSL. Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 40.1$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(8.0, 8.12, 7.59); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (60.0 mm x 90.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.251 W/kg; SAR (10g) = 0.133 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

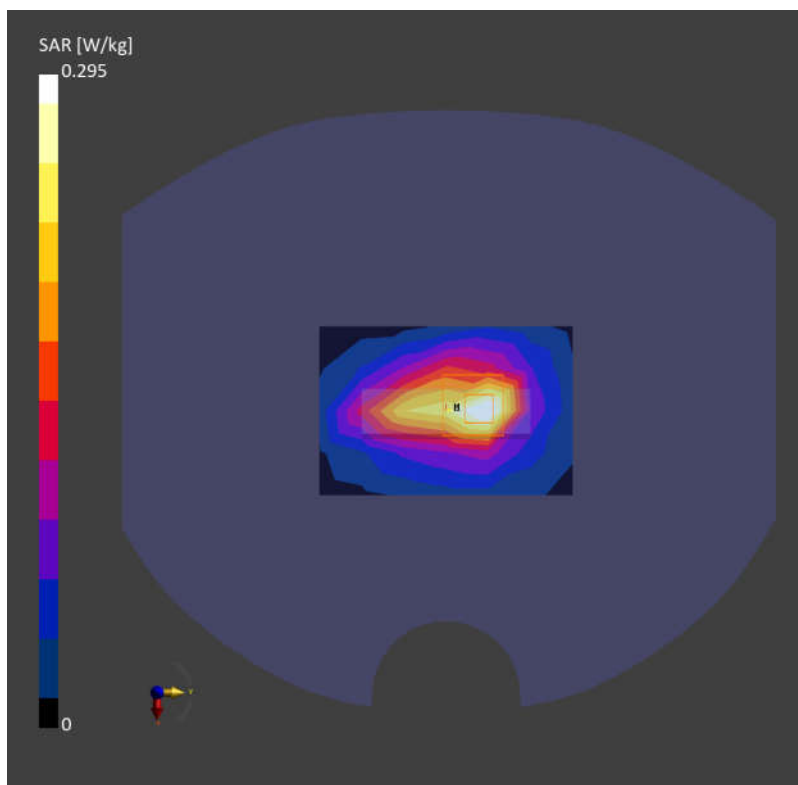
Graded Ratio: 1.5

Power Drift = 0.03 dB

SAR (1g) = 0.295 W/kg; SAR (10g) = 0.146 W/kg;

Smallest distance from peaks to all points 3dB below is 7.7 mm

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



74_LTE Band 30_10M_QPSK_1RB_0Offset_Left Side_5mm_Ch27710

Communication System: Band 30; Frequency: 2310.000

Medium: HSL. Medium parameters used: $f = 2310.000$ MHz; $\sigma = 1.65$ S/m; $\epsilon_r = 39.6$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.65, 7.73, 7.31); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (48.0 mm x 160.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.557 W/kg; SAR (10g) = 0.285 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 5.0 mm;

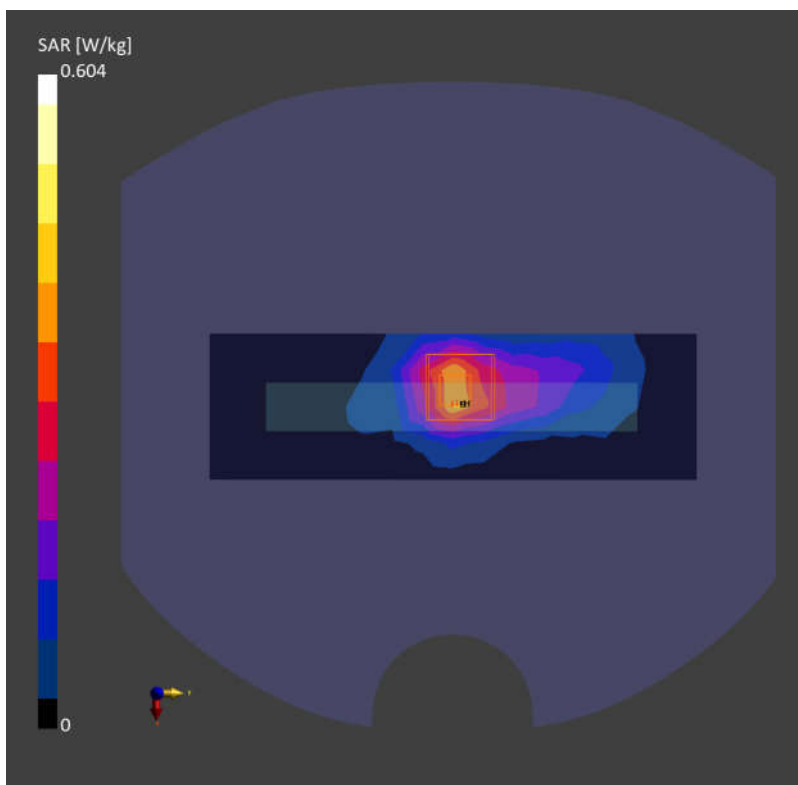
Graded Ratio: 1.5

Power Drift = -0.07 dB

SAR (1g) = 0.604 W/kg; SAR (10g) = 0.301 W/kg;

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

Ratio of SAR at M2 to SAR at M1 = 57.2 %



Date: 2024-04-02

75_FR1 n30_10M_QPSK_1RB_1Offset_Left Side_5mm_Ch462000

Communication System: Band n30; Frequency: 2310.000

Medium: HSL. Medium parameters used: $f = 2310.000$ MHz; $\sigma = 1.65$ S/m; $\epsilon_r = 39.6$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.65, 7.73, 7.31); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (48.0 mm x 160.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.513 W/kg; SAR (10g) = 0.260 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 5.0 mm;

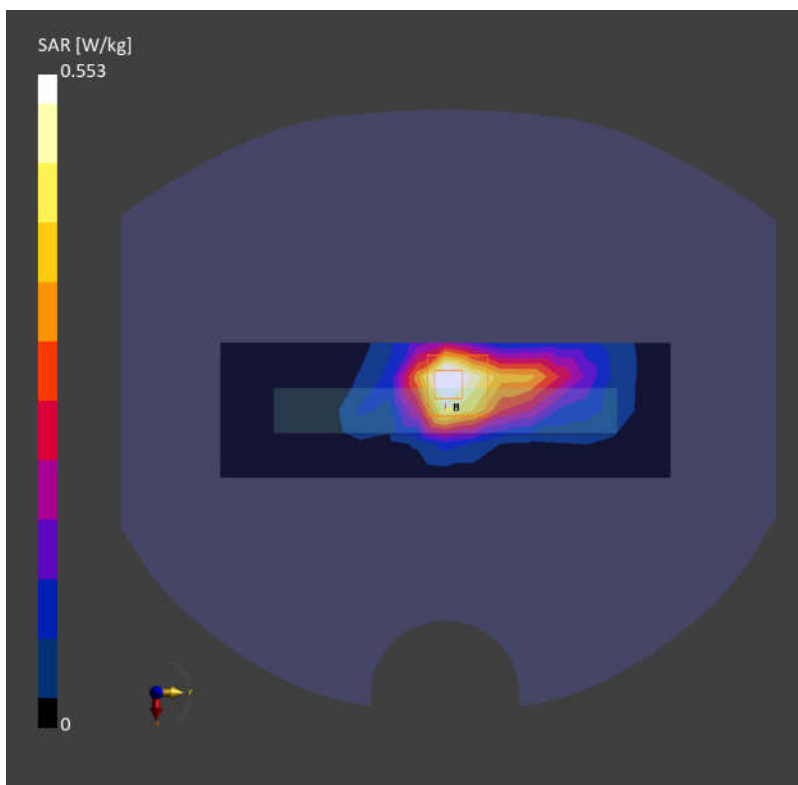
Graded Ratio: 1.5

Power Drift = 0.04 dB

SAR (1g) = 0.553 W/kg; SAR (10g) = 0.276 W/kg;

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

Ratio of SAR at M2 to SAR at M1 = 83.1 %



Date: 2024-04-03

76_LTE Band 7_20M_QPSK_50RB_0Offset_Bottom Side_5mm_Ch21100

Communication System: Band 7; Frequency: 2535.000

Medium: HSL. Medium parameters used: $f = 2535.000$ MHz; $\sigma = 1.80$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.26, 7.33, 6.94); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (48.0 mm x 100.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.427 W/kg; SAR (10g) = 0.196 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 4.8 mm x 4.8 mm x 1.5 mm;

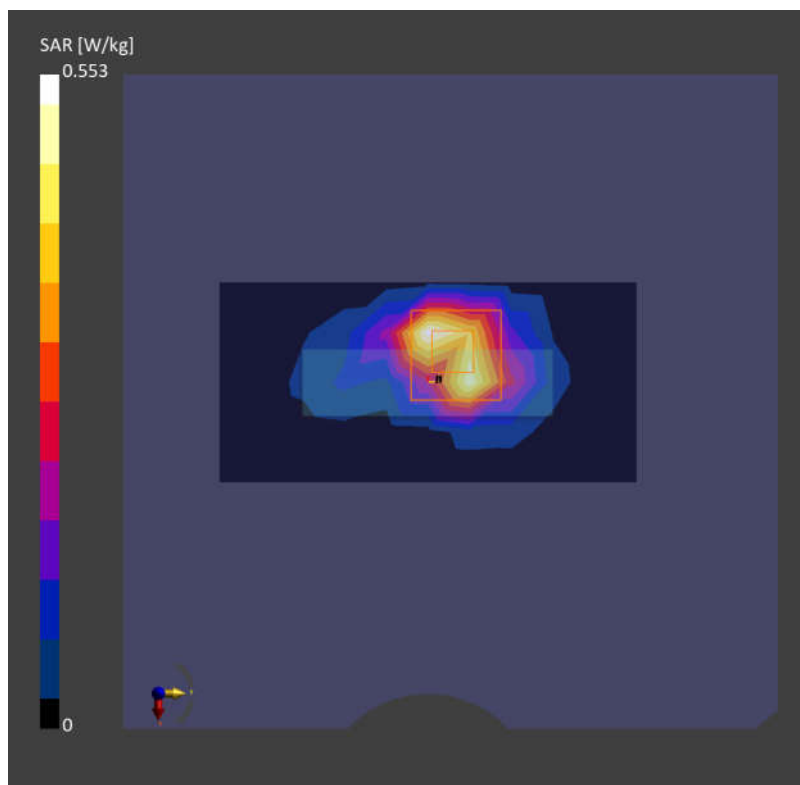
Graded Ratio: 1.5

Power Drift = 0.06 dB

SAR (1g) = 0.553 W/kg; SAR (10g) = 0.211 W/kg;

Smallest distance from peaks to all points 3dB below is 5.6 mm

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



Date: 2024-04-03

77_LTE Band 41_20M_QPSK_1RB_0Offset_Bottom Side_5mm_Ch40620

Communication System: Band 41; Frequency: 2593.000

Medium: HSL. Medium parameters used: $f = 2593.000$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.26, 7.33, 6.94); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (48.0 mm x 100.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.515 W/kg; SAR (10g) = 0.224 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;

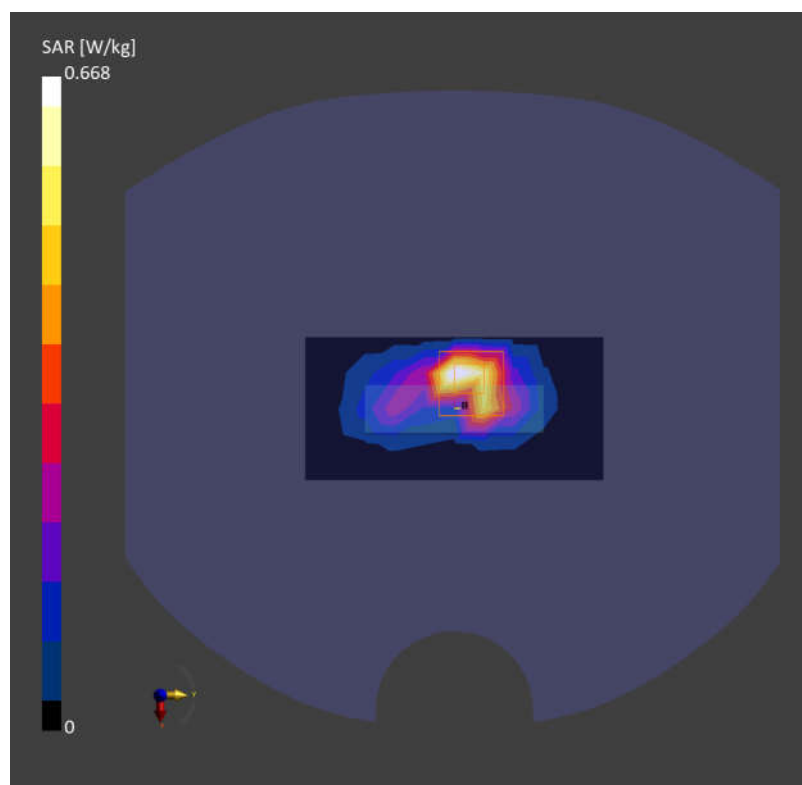
Graded Ratio: 1.5

Power Drift = -0.06 dB

SAR (1g) = 0.668 W/kg; SAR (10g) = 0.244 W/kg;

Smallest distance from peaks to all points 3dB below is 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 75.0 %



Date: 2024-04-03

78_FR1 n7_40M_QPSK_108RB_54Offset_Bottom Side_5mm_Ch507000

Communication System: Band n7; Frequency: 2535.000

Medium: HSL. Medium parameters used: $f = 2535.000$ MHz; $\sigma = 1.80$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.26, 7.33, 6.94); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (48.0 mm x 100.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.389 W/kg; SAR (10g) = 0.179 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;

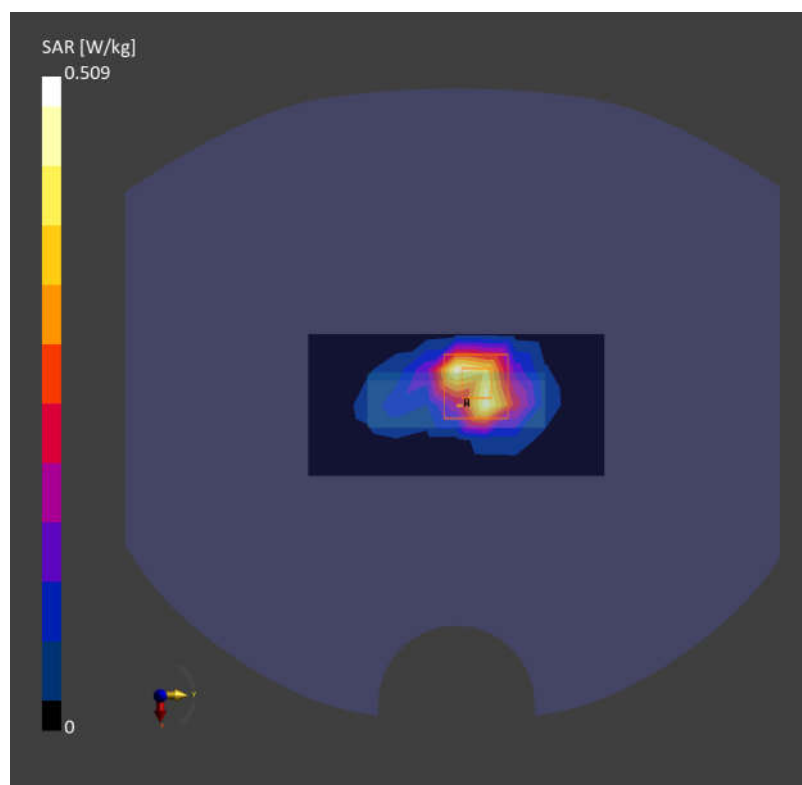
Graded Ratio: 1.5

Power Drift = -0.06 dB

SAR (1g) = 0.509 W/kg; SAR (10g) = 0.197 W/kg;

Smallest distance from peaks to all points 3dB below is 6.0 mm

Ratio of SAR at M2 to SAR at M1 = 75.2 %



Date: 2024-04-03

79_FR1 n41_100M_QPSK_135RB_69Offset_Bottom Side_5mm_Ch518598

Communication System: Band n41; Frequency: 2592.990

Medium: HSL. Medium parameters used: $f = 2592.990$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.26, 7.33, 6.94); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (48.0 mm x 100.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 0.487 W/kg; SAR (10g) = 0.225 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 5.0 mm;

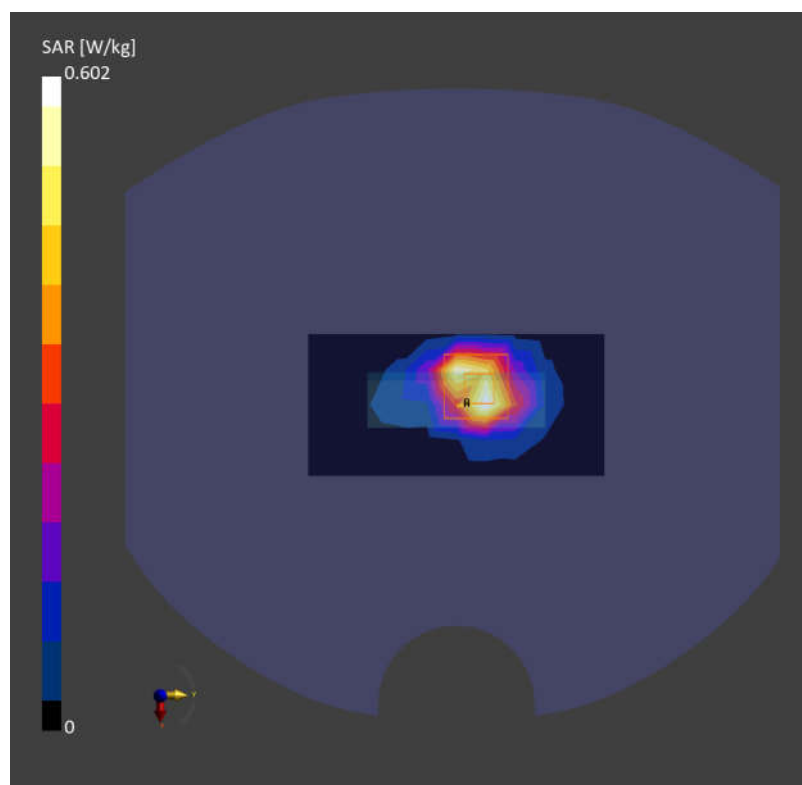
Graded Ratio: 1.5

Power Drift = 0.10 dB

SAR (1g) = 0.602 W/kg; SAR (10g) = 0.239 W/kg;

Smallest distance from peaks to all points 3dB below is 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 40.1 %



Date: 2024-05-16

80_LTE Band 48_20M_QPSK_1RB_0Offset_Left Side_5mm_Ch55340

Communication System: Band 48; Frequency: 3560.000

Medium: HSL. Medium parameters used: $f=3560.000$ MHz; $\sigma=2.86$ S/m; $\epsilon_r=38.6$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.16, 7.18, 6.9); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (60.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.568 W/kg; SAR (10g) = 0.242 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm;

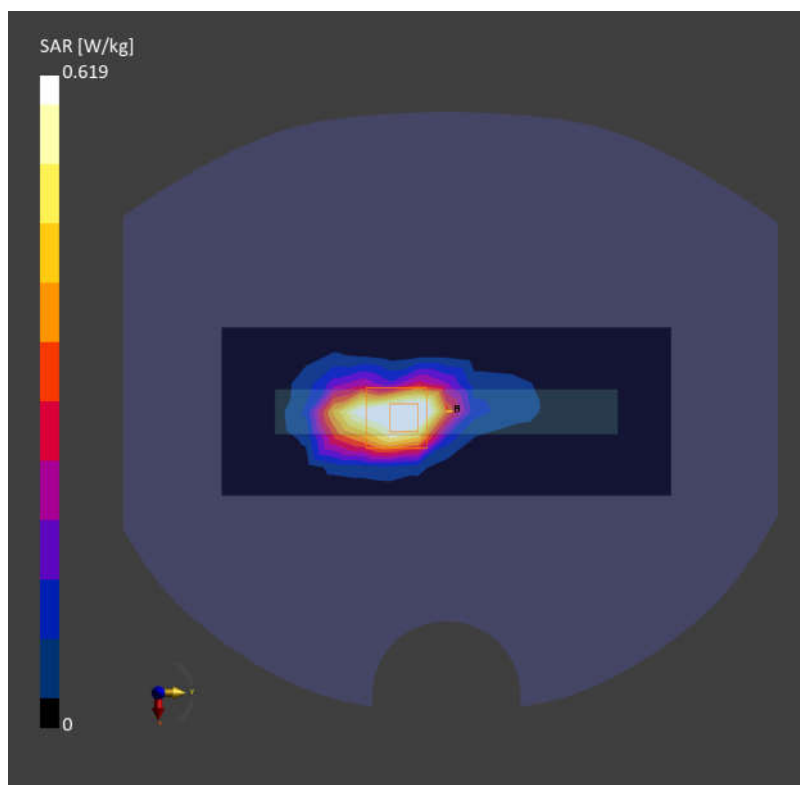
Graded Ratio:1.5

Power Drift = 0.02 dB

SAR (1g) = 0.619 W/kg; SAR (10g) = 0.258 W/kg;

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

Ratio of SAR at M2 to SAR at M1 = 71.4 %



Date: 2024-05-17

81_FR1 n48_40M_QPSK_1RB_1Offset_Left Side_5mm_Ch641666

Communication System: Band n48; Frequency: 3624.990

Medium: HSL. Medium parameters used: $f = 3624.990$ MHz; $\sigma = 2.92$ S/m; $\epsilon_r = 38.5$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.12, 7.13, 6.87); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (48.0 mm x 200.0 mm): Measurement Grid: 8.0 mm x 10.0 mm

SAR (1g) = 0.623 W/kg; SAR (10g) = 0.263 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm;

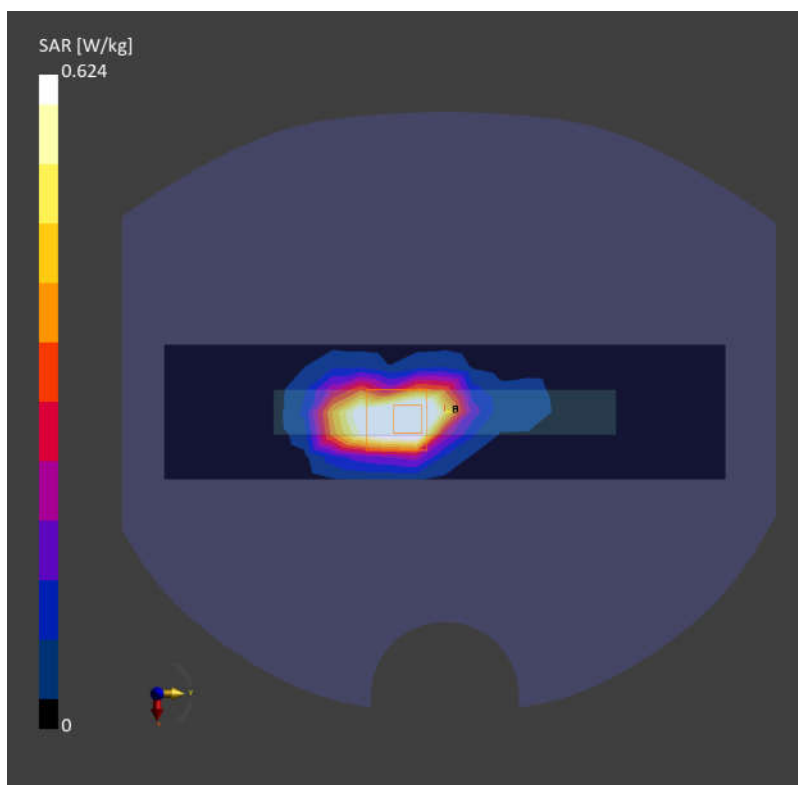
Graded Ratio: 1.5

Power Drift = -0.13 dB

SAR (1g) = 0.624 W/kg; SAR (10g) = 0.255 W/kg;

Smallest distance from peaks to all points 3dB below is 7.9 mm

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



Date: 2024-05-16

82_FR1 n77_100M_QPSK_1RB_1Offset_Left Side_19mm_Ch633334

Communication System: Band n77; Frequency: 3500.010

Medium: HSL. Medium parameters used: $f = 3500.010$ MHz; $\sigma = 2.81$ S/m; $\epsilon_r = 38.7$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.16, 7.18, 6.9); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (40.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.702 W/kg; SAR (10g) = 0.336 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm;

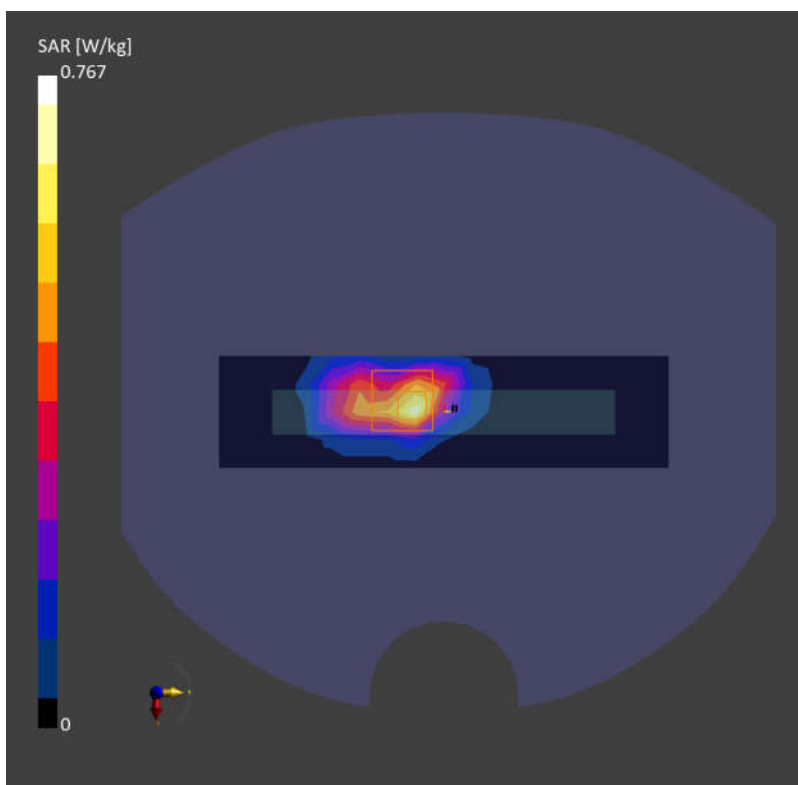
Graded Ratio: 1.5

Power Drift = -0.17 dB

SAR (1g) = 0.767 W/kg; SAR (10g) = 0.368 W/kg;

Smallest distance from peaks to all points 3dB below is 6.5 mm

Ratio of SAR at M2 to SAR at M1 = 71.7 %



84_WLAN2.4GHz_802.11b 1Mbps_Right Side_5mm_Ch6

Communication System: UID 0, WLAN2.4GHz (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.796$ S/m; $\epsilon_r = 38.598$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.44, 6.79, 7.48); Calibrated: 2024/1/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (41x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.678 W/kg

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

Reference Value = 17.42 V/m; Power Drift = 0.03 dB

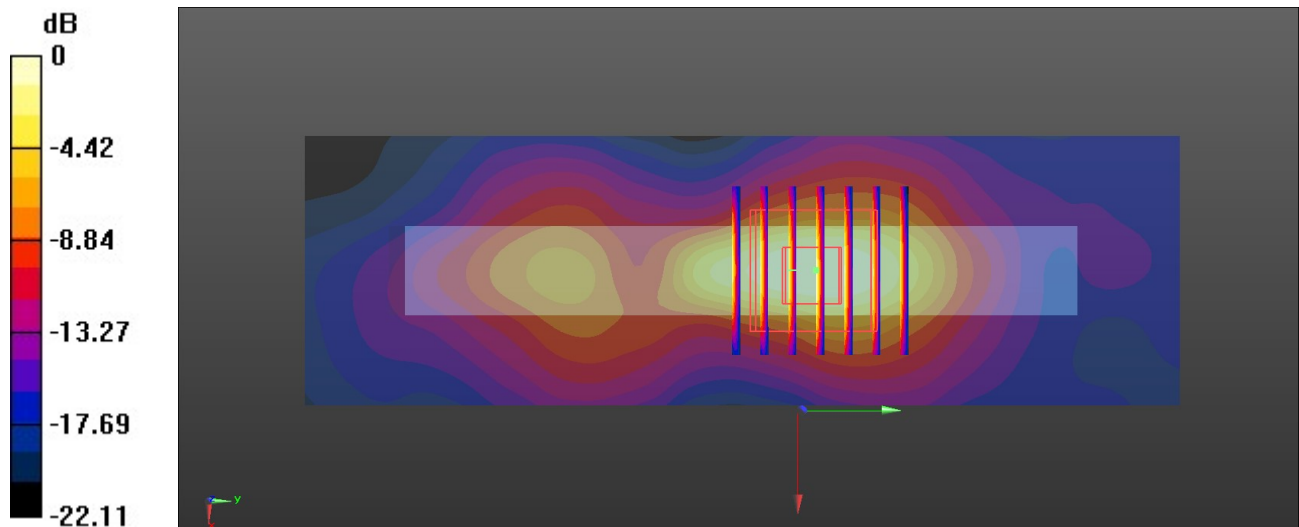
Peak SAR (extrapolated) = 0.778 W/kg

SAR(1 g) = 0.370 W/kg; SAR(10 g) = 0.162 W/kg

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 50.4%

Maximum value of SAR (measured) = 0.616 W/kg



0 dB = 0.616 W/kg = -2.10 dBW/kg

85_Bluetooth_1Mbps_Right Side_5mm_Ch0

Communication System: ISM 2.4 GHz Band; Frequency: 2402.000

Medium: HSL. Medium parameters used: $f = 2402.000$ MHz; $\sigma = 1.72$ S/m; $\epsilon_r = 39.5$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.6°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(7.32, 7.39, 7.01); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (48.0 mm x 160.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 0.014 W/kg; SAR (10g) = 0.005 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;

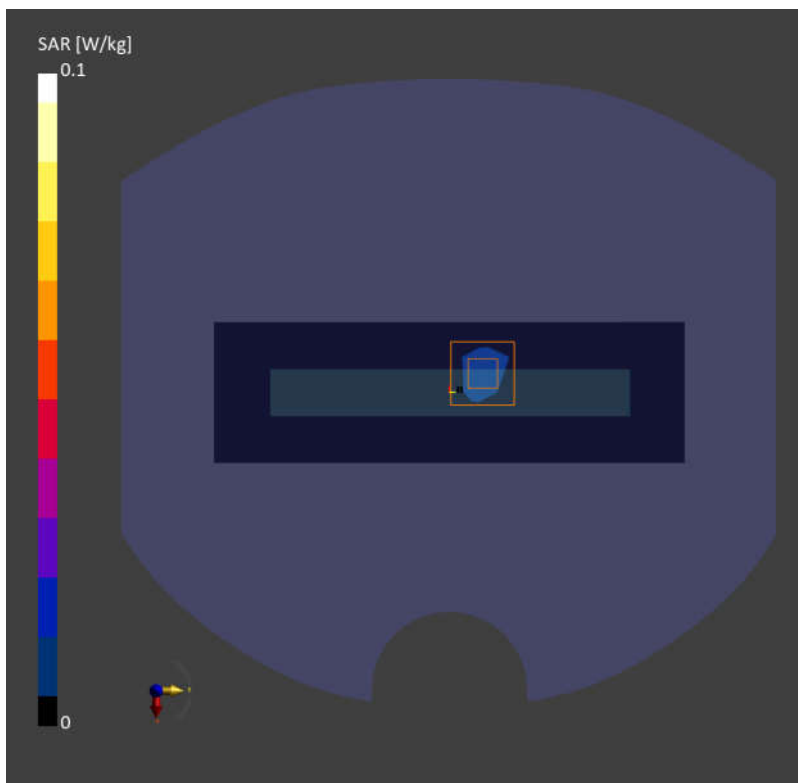
Graded Ratio: 1.5

Power Drift = 0.07 dB

SAR (1g) = 0.017 W/kg; SAR (10g) = 0.004 W/kg;

Smallest distance from peaks to all points 3dB below is 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 83.3 %



86_WLAN5GHz_802.11ac-VHT80 MCS0_Right Side_5mm_Ch42

Communication System: UID 0, WLAN5GHz (0); Frequency: 5210 MHz; Duty Cycle: 1:1
Medium: HSL_5000 Medium parameters used: $f = 5210$ MHz; $\sigma = 4.519$ S/m; $\epsilon_r = 36.377$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.34, 4.76, 5.24); Calibrated: 2024/1/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x151x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 0.910 W/kg

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

Reference Value = 10.41 V/m; Power Drift = -0.09 dB

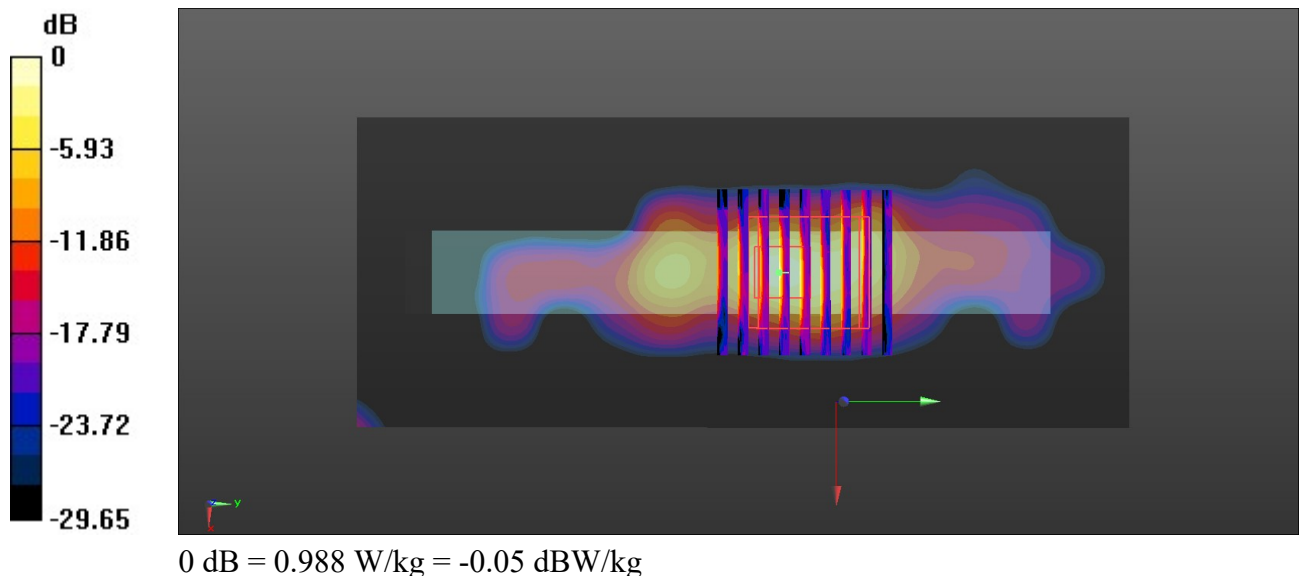
Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.088 W/kg

Smallest distance from peaks to all points 3 dB below = 4 mm

Ratio of SAR at M2 to SAR at M1 = 63.8%

Maximum value of SAR (measured) = 0.988 W/kg



87_WLAN5GHz_802.11ac-VHT80 MCS0_Right Side_5mm_Ch155

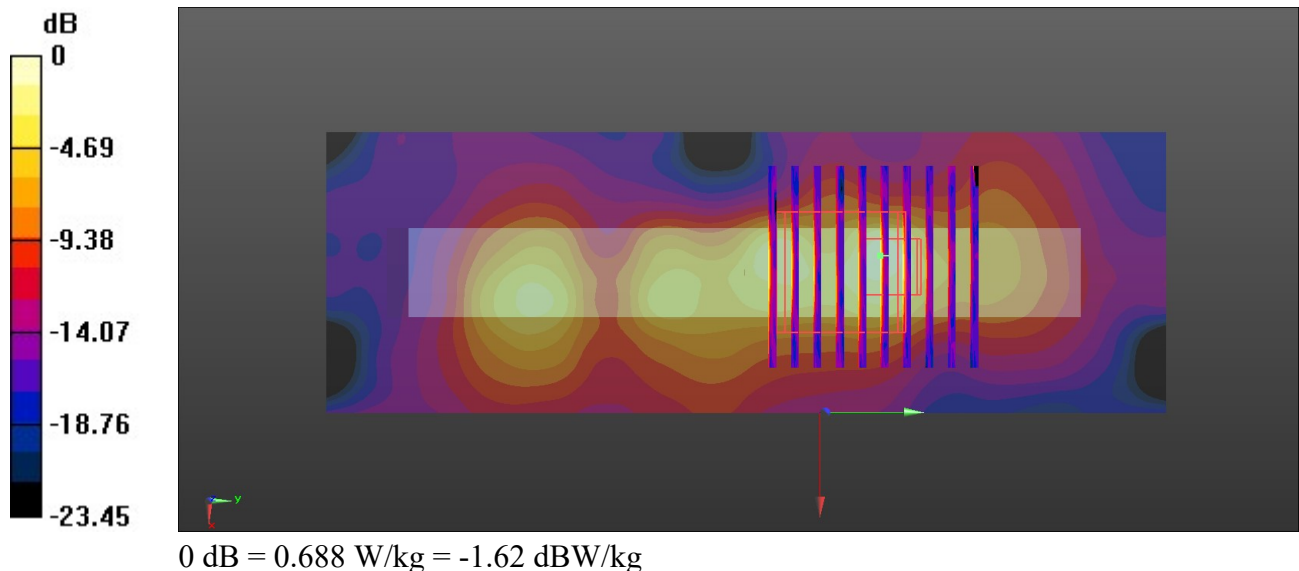
Communication System: UID 0, WLAN5GHz (0); Frequency: 5775 MHz; Duty Cycle: 1:1
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.134$ S/m; $\epsilon_r = 35.546$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(5.19, 4.53, 5.01); Calibrated: 2024/1/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2023/6/7
- Phantom: SAM Twin Phantom; Type: SAM Twin; Serial: TP-1697
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.619 W/kg

Zoom Scan (10x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.292 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.062 W/kg
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 59.6%
Maximum value of SAR (measured) = 0.688 W/kg



88_LTE Band 12_10M_QPSK_1RB_0Offset_Back_5mm_Ch23095

Communication System: Band 12; Frequency: 707.500

Medium: HSL. Medium parameters used: $f = 707.500$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 42.6$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(9.58, 10.16, 9.11); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.697 W/kg; SAR (10g) = 0.486 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

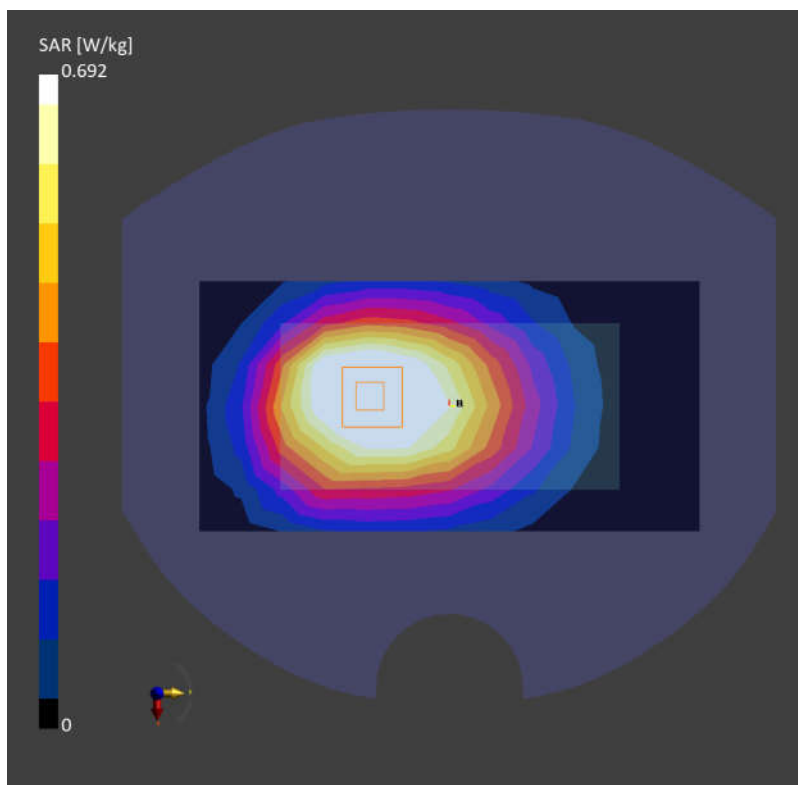
Graded Ratio: 1.5

Power Drift = 0.02 dB

SAR (1g) = 0.692 W/kg; SAR (10g) = 0.511 W/kg;

Smallest distance from peaks to all points 3dB below is 22.8 mm

Ratio of SAR at M2 to SAR at M1 = 90.2 %



89_LTE Band 13_10M_QPSK_1RB_0Offset_Front_5mm_Ch23230

Communication System: Band 13; Frequency: 782.000

Medium: HSL. Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 42.4$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(9.58, 10.16, 9.11); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.561 W/kg; SAR (10g) = 0.387 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

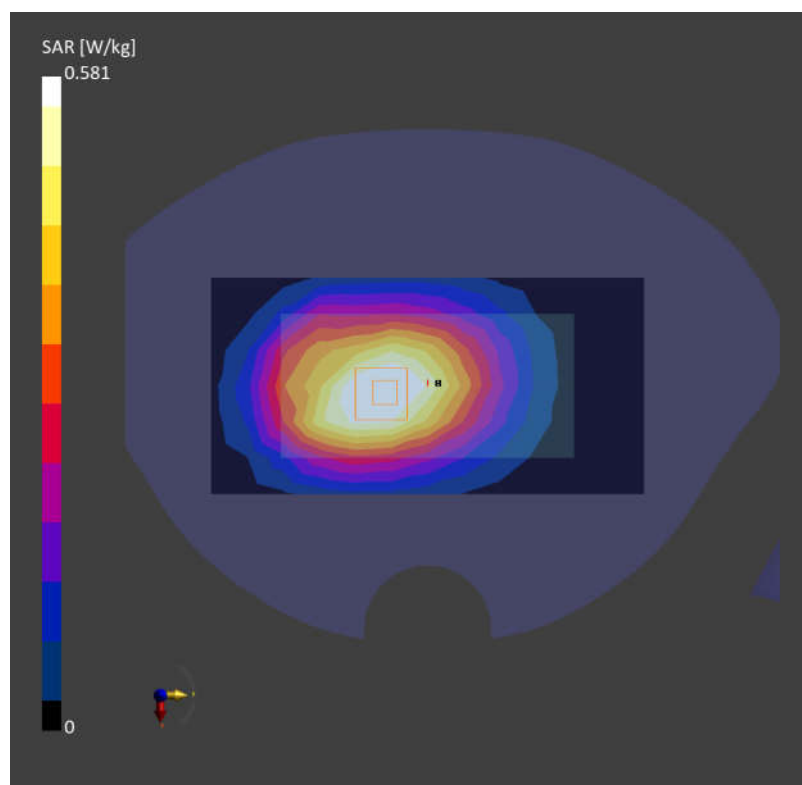
Graded Ratio: 1.5

Power Drift = -0.04 dB

SAR (1g) = 0.581 W/kg; SAR (10g) = 0.411 W/kg;

Smallest distance from peaks to all points 3dB below is > 16.0 mm

Ratio of SAR at M2 to SAR at M1 = 90.3 %



90_LTE Band 14_10M_QPSK_1RB_0Offset_Front_5mm_Ch23330

Communication System: Band 14; Frequency: 793.000

Medium: HSL. Medium parameters used: $f = 793.000$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 42.4$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(9.58, 10.16, 9.11); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.570 W/kg; SAR (10g) = 0.398 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

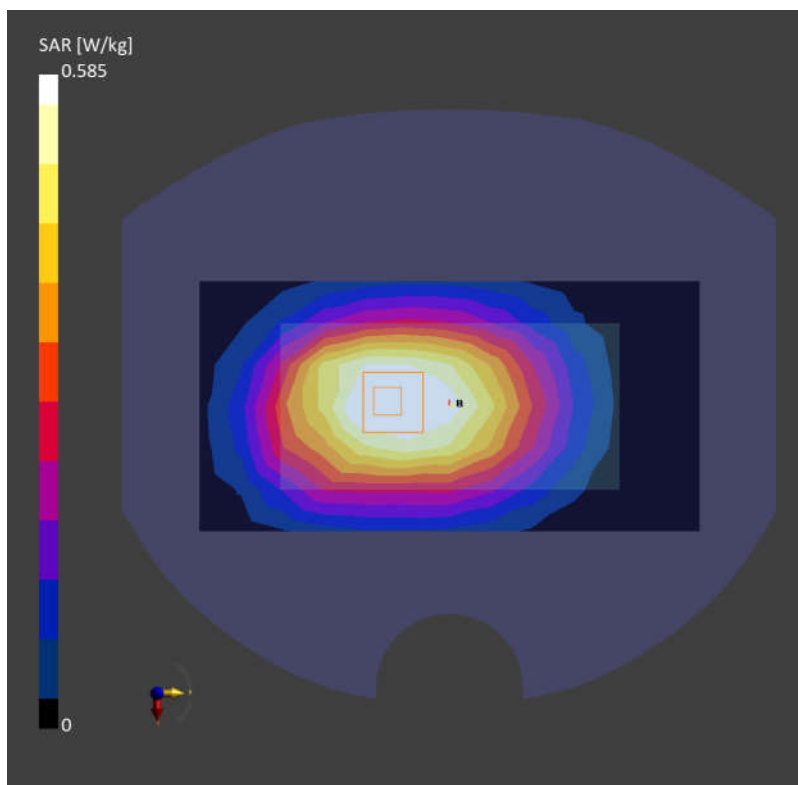
Graded Ratio: 1.5

Power Drift = 0.06 dB

SAR (1g) = 0.585 W/kg; SAR (10g) = 0.425 W/kg;

Smallest distance from peaks to all points 3dB below is > 16.0 mm

Ratio of SAR at M2 to SAR at M1 = 89.5 %



91_LTE Band 71_20M_QPSK_1RB_0Offset_Back_5mm_Ch133322

Communication System: Band 71; Frequency: 683.000

Medium: HSL. Medium parameters used: $f=683.000$ MHz; $\sigma=0.861$ S/m; $\epsilon_r=42.8$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(9.58, 10.16, 9.11); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.624 W/kg; SAR (10g) = 0.434 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 5.0 mm;

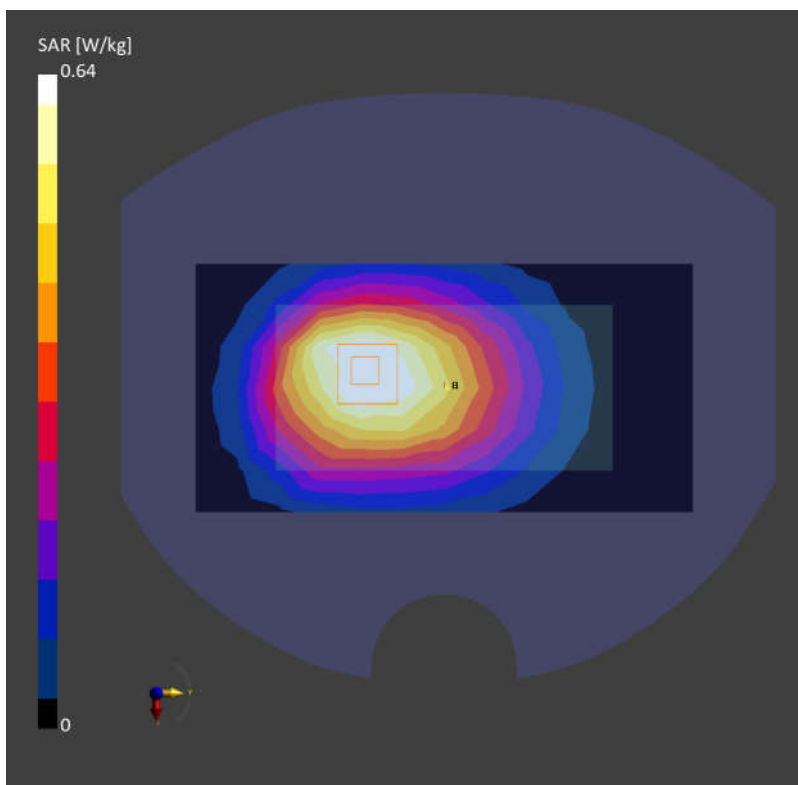
Graded Ratio:1.5

Power Drift = 0.02 dB

SAR (1g) = 0.640 W/kg; SAR (10g) = 0.442 W/kg;

Smallest distance from peaks to all points 3dB below is > 18.0 mm

Ratio of SAR at M2 to SAR at M1 = 68.2 %



92_FR1 n12_15M_QPSK_36RB_22Offset_Back_5mm_Ch141500

Communication System: Band n12; Frequency: 707.500

Medium: HSL. Medium parameters used: $f = 707.500$ MHz; $\sigma = 0.861$ S/m; $\epsilon_r = 42.6$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(9.58, 10.16, 9.11); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.451 W/kg; SAR (10g) = 0.341 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

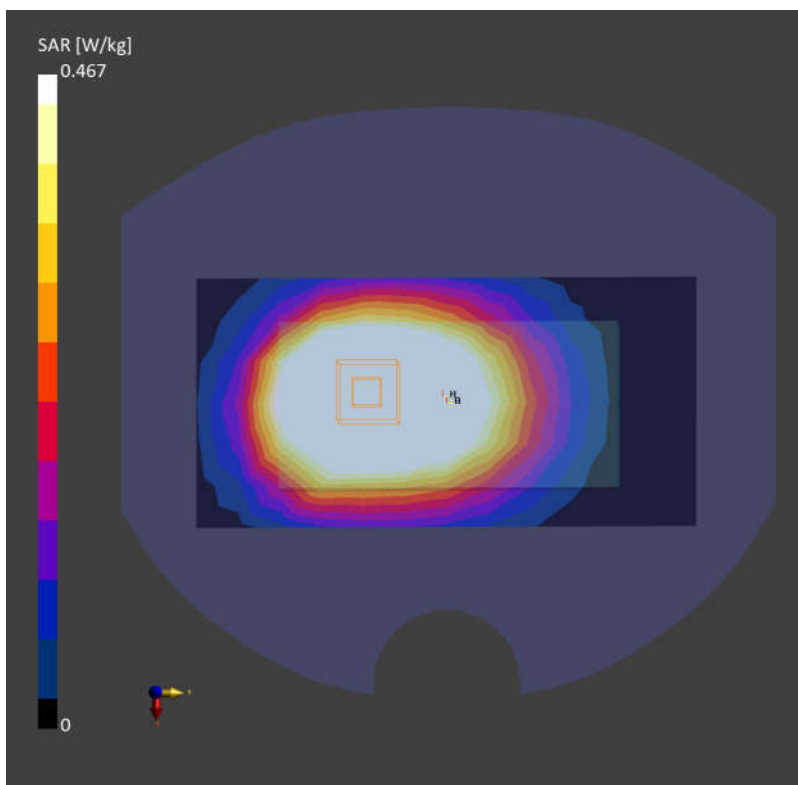
Graded Ratio: 1.5

Power Drift = -0.05 dB

SAR (1g) = 0.467 W/kg; SAR (10g) = 0.333 W/kg;

Smallest distance from peaks to all points 3dB below is 21.6 mm

Ratio of SAR at M2 to SAR at M1 = 89.7 %



93_FR1 n13_10M_QPSK_1RB_1Offset_Front_5mm_Ch156400

Communication System: Band n13; Frequency: 782.000

Medium: HSL. Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 42.4$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(9.58, 10.16, 9.11); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.361 W/kg; SAR (10g) = 0.287 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

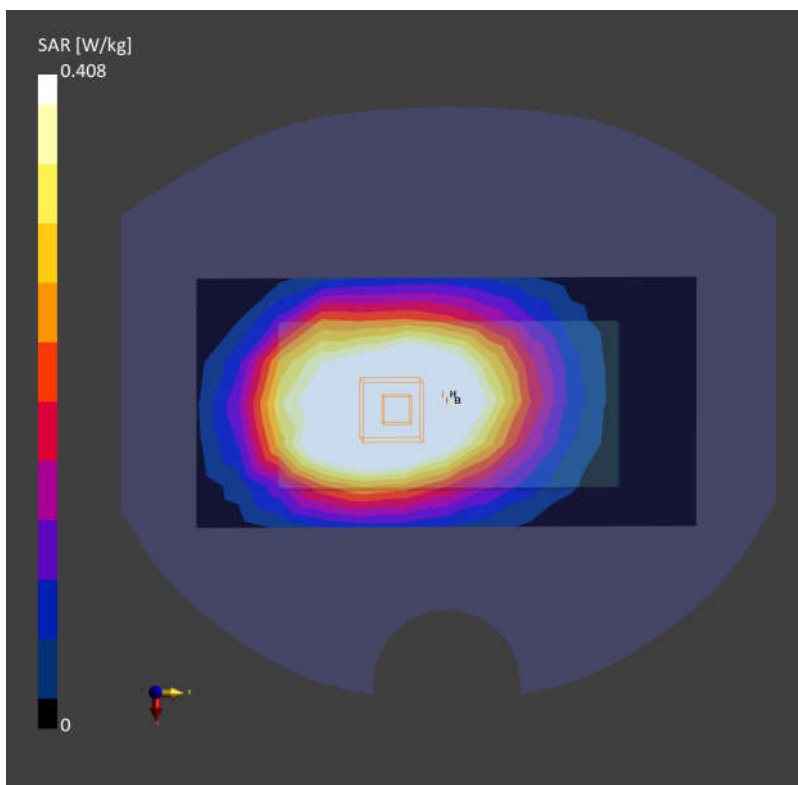
Graded Ratio: 1.5

Power Drift = 0.04 dB

SAR (1g) = 0.408 W/kg; SAR (10g) = 0.289 W/kg;

Smallest distance from peaks to all points 3dB below is > 16.0 mm

Ratio of SAR at M2 to SAR at M1 = 89.8 %



94_FR1 n14_10M_QPSK_1RB_1Offset_Front_5mm_Ch158600

Communication System: Band n14; Frequency: 793.000

Medium: HSL. Medium parameters used: $f = 793.000$ MHz; $\sigma = 0.894$ S/m; $\epsilon_r = 42.4$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7630; ConvF(9.58, 10.16, 9.11); Calibrated: 2023-06-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1338; Calibrated: 2024-03-18
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2074
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.576 W/kg; SAR (10g) = 0.408 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm;

Graded Ratio: 1.5

Power Drift = 0.07 dB

SAR (1g) = 0.590 W/kg; SAR (10g) = 0.422 W/kg;

Smallest distance from peaks to all points 3dB below is > 16.0 mm

Ratio of SAR at M2 to SAR at M1 = 88.4 %

