

Date: 2025-01-05

44_LTE Band 30_10M_QPSK_1RB_0Offset_Back_10mm_Ch27710

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO; Frequency: 2310.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 2310.000$ MHz; $\sigma = 1.72$ S/m; $\epsilon_r = 39.5$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.15, 7.99, 8.08); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: LTE-FDD, 10175-CAH

Area Scan (120.0 mm x 192.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.959 W/kg; SAR (10g) = 0.449 W/kg;

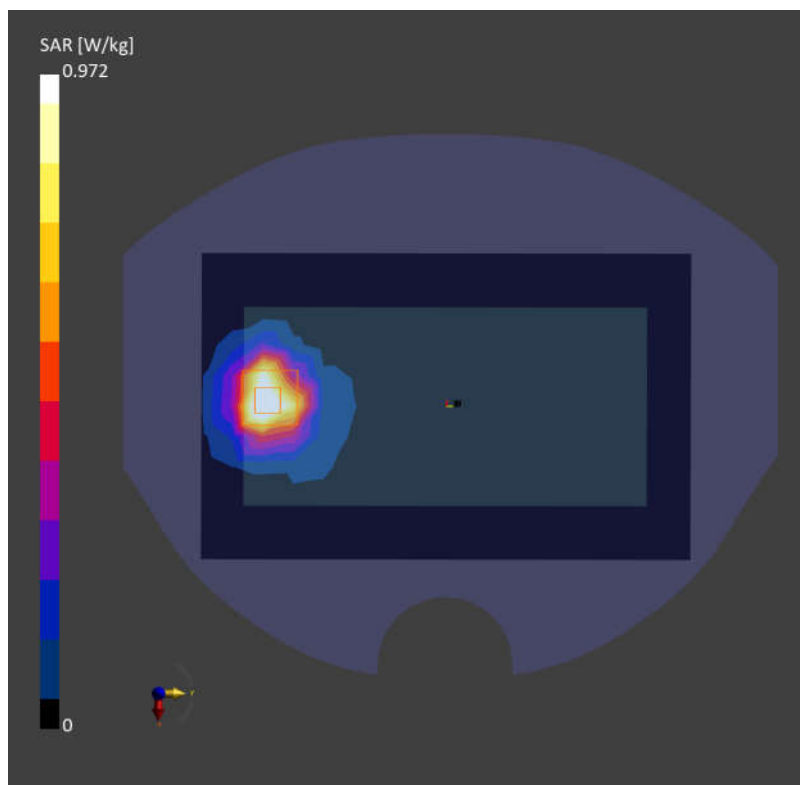
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 0.972 W/kg; SAR (10g) = 0.464 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.6 %



Date: 2025-01-05

45_FR1 n30_10M_QPSK_25RB_14Offset_Back_10mm_Ch462000

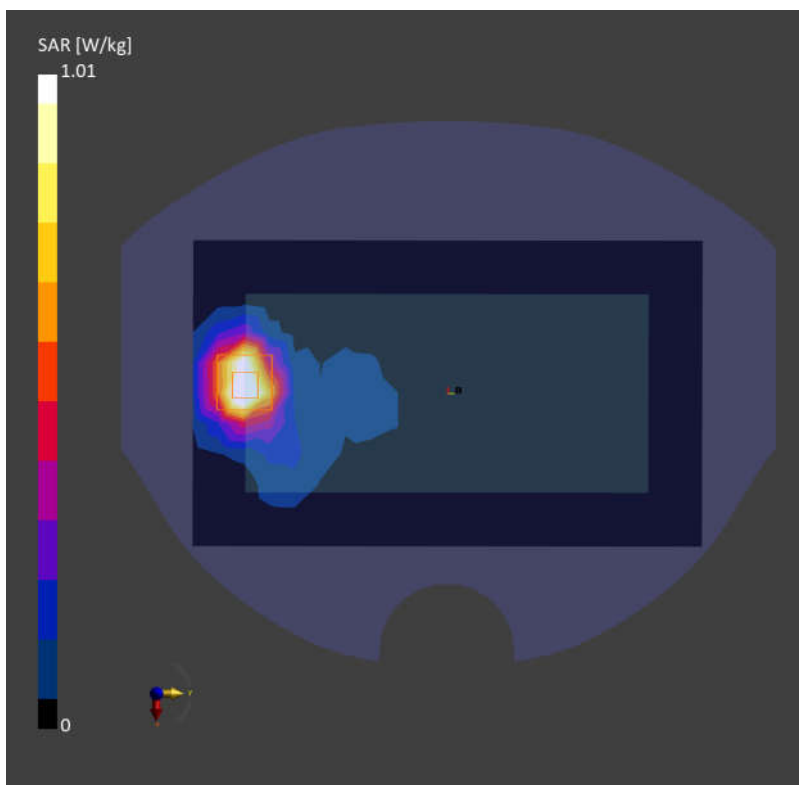
Communication System: 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)
RBPosition:Mid AntennaCfg:SISO; Frequency: 2310.000 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: $f = 2310.000$ MHz; $\sigma = 1.72$ S/m; $\epsilon_r = 39.5$
Ambient Temperature: 23.1°C; Liquid Temperature: 22.6°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.15, 7.99, 8.08); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 FDD, 10937-AAD

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 12.0 mm x 10.0 mm
SAR (1g) = 0.985 W/kg; SAR (10g) = 0.461 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 = 0.05 dB
SAR (1g) = 1.01 W/kg; SAR (10g) = 0.469 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 83.4 %



Date: 2025-01-06

46_LTE Band 7_20M_QPSK_1RB_0Offset_Back_10mm_Ch21350

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO; Frequency: 2560.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 2560.000$ MHz; $\sigma = 1.92$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.9°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(7.96, 7.81, 7.89); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: LTE-FDD, 10169-CAF

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 1.02 W/kg; SAR (10g) = 0.467 W/kg;

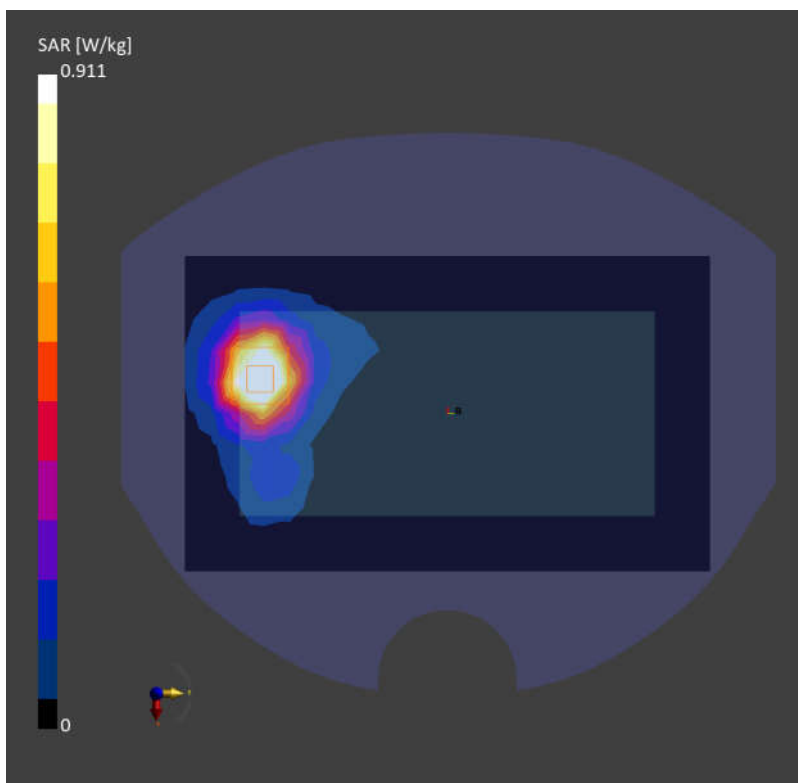
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = -0.08 dB

SAR (1g) = 0.911 W/kg; SAR (10g) = 0.460 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 53.4 %



Date: 2025-01-06

47_LTE Band 41_20M_QPSK_1RB_0Offset_Back_10mm_Ch41490

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO; Frequency: 2680.000 MHz; Duty Cycle: 1:1.59

Medium: Head Simulating Liquid Medium parameters used: $f = 2680.000$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 39.1$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.9°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(7.96, 7.81, 7.89); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: LTE-TDD, 10172-CAH

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 0.847 W/kg; SAR (10g) = 0.410 W/kg;

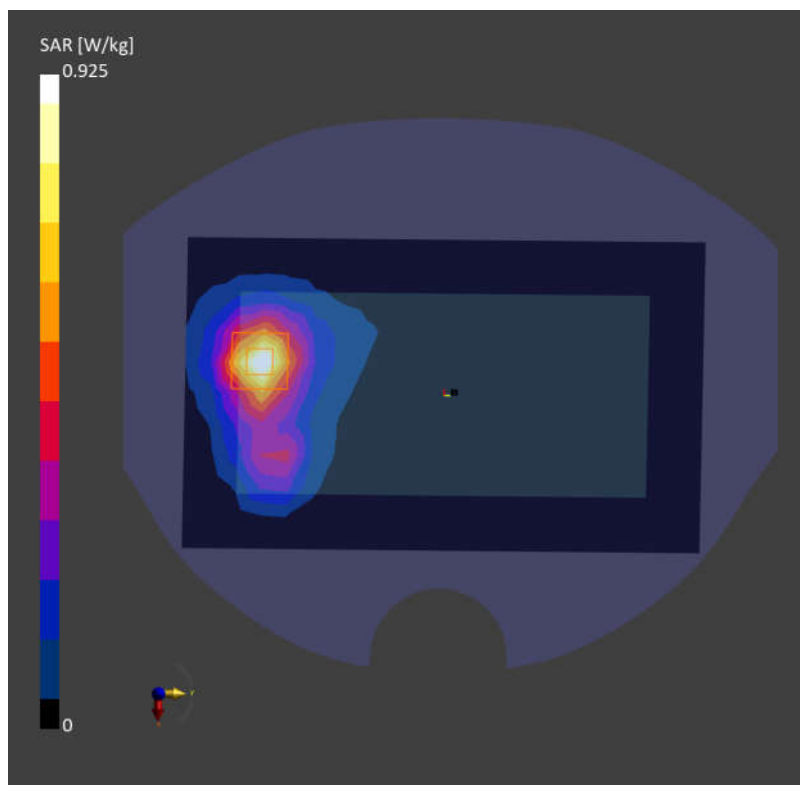
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.02 dB

SAR (1g) = 0.925 W/kg; SAR (10g) = 0.471 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 53.0 %



Date: 2025-01-06

48_FR1 n7_20M_QPSK_1RB_1Offset_Back_10mm_Ch502000

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)

RBPosition:Mid AntennaCfg:SISO; Frequency: 2510.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 2510.000$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.9°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(7.96, 7.81, 7.89); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 FDD, 10931-AAC

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 0.886 W/kg; SAR (10g) = 0.421 W/kg;

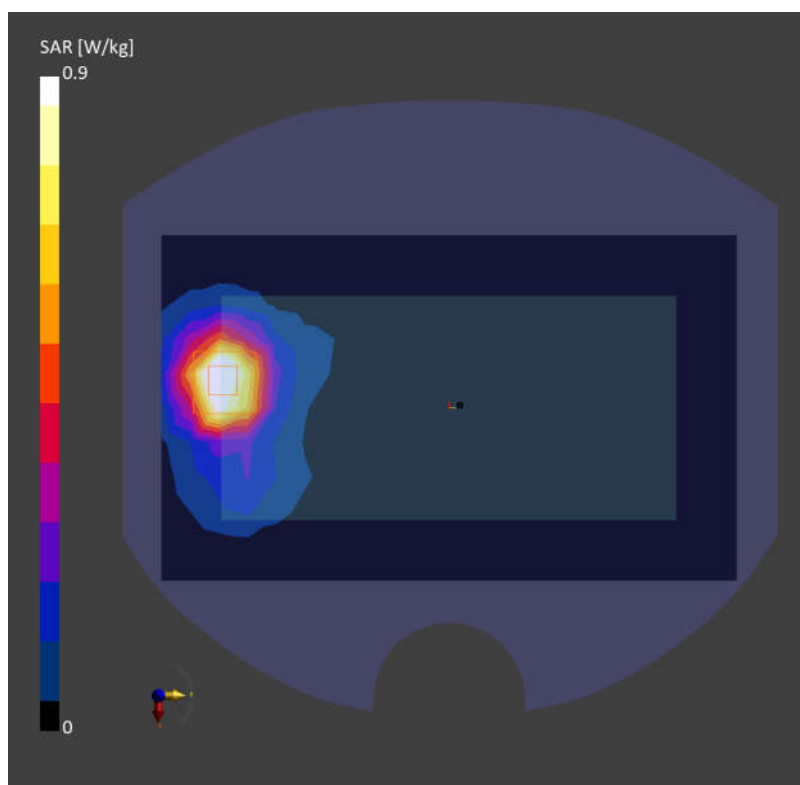
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.19 dB

SAR (1g) = 0.900 W/kg; SAR (10g) = 0.428 W/kg

Smallest distance from peaks to all points 3 dB below = 10.3 mm

Ratio of SAR at M2 to SAR at M1 = 54.1 %



Date: 2025-01-06

49_FR1 n41_100M_QPSK_1RB_1Offset_Back_10mm_Ch518598

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)

RBPosition:Mid AntennaCfg:SISO; Frequency: 2592.990 MHz; Duty Cycle: 1:2

Medium: Head Simulating Liquid Medium parameters used: $f = 2592.990$ MHz; $\sigma = 1.93$ S/m; $\epsilon_r = 39.1$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.9°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(7.96, 7.81, 7.89); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 TDD, 10866-AAF

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 0.915 W/kg; SAR (10g) = 0.415 W/kg;

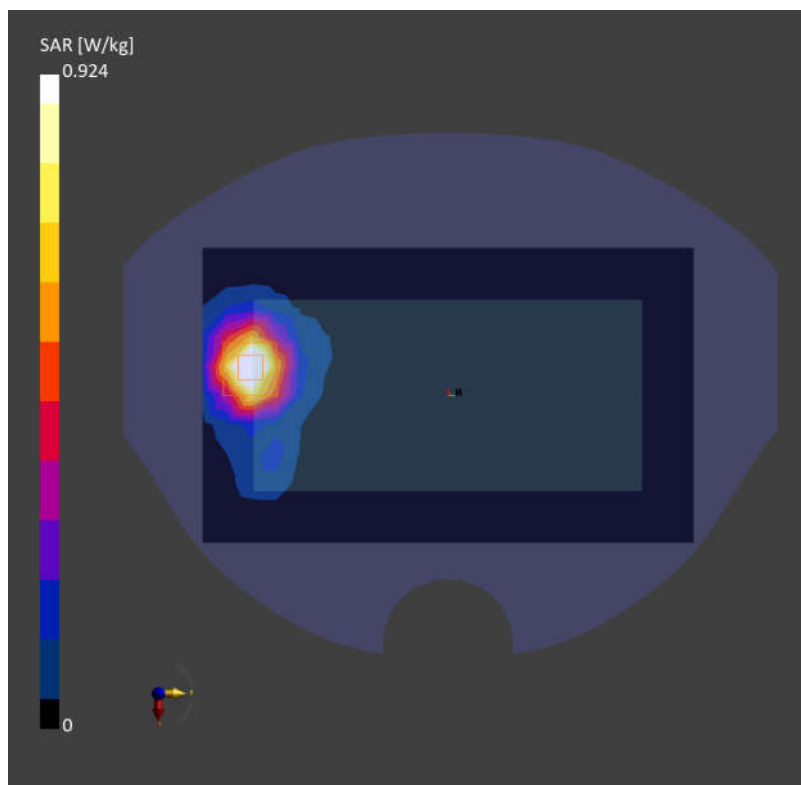
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 0.924 W/kg; SAR (10g) = 0.436 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.3 %



Date: 2025-01-07

50_LTE Band 42_20M_QPSK_1RB_0Offset_Back_10mm_Ch42590

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO; Frequency: 3500.000 MHz; Duty Cycle: 1:1.59

Medium: Head Simulating Liquid Medium parameters used: $f = 3500.000$ MHz; $\sigma = 2.83$ S/m; $\epsilon_r = 39.0$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(7.13, 7.0, 7.07); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: LTE-TDD, 10172-CAH

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.403 W/kg; SAR (10g) = 0.186 W/kg;

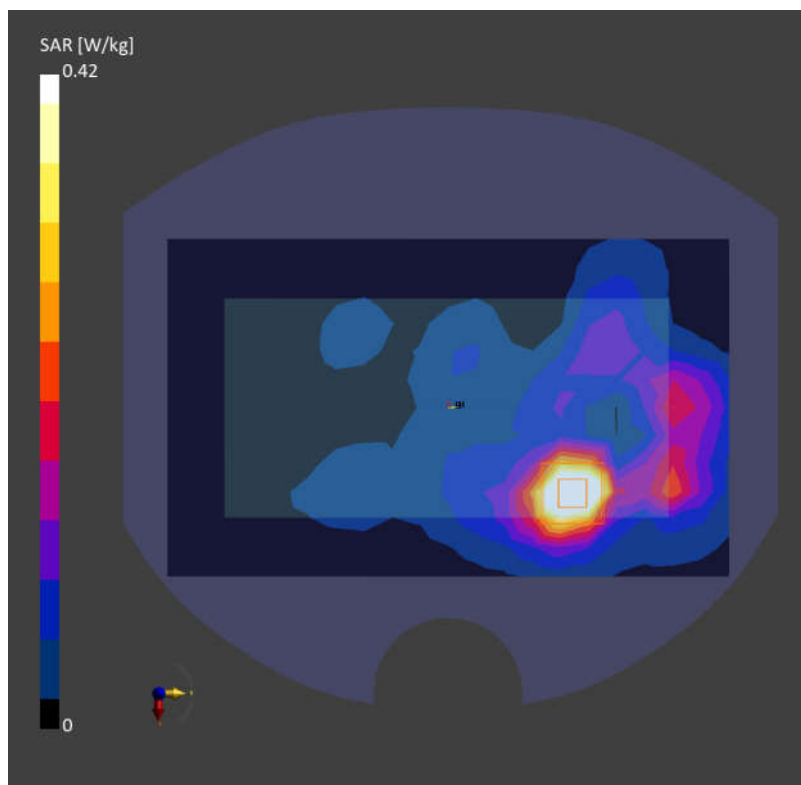
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.06 dB

SAR (1g) = 0.420 W/kg; SAR (10g) = 0.191 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

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



Date: 2025-01-09

51_FR1 n77_100M_QPSK_135RB_69Offset_Right Side_10mm_Ch656000

Communication System: 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)

RBPosition:Mid AntennaCfg:SISO; Frequency: 3840.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 3840.000$ MHz; $\sigma = 3.15$ S/m; $\epsilon_r = 38.5$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(6.97, 6.83, 6.91); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 TDD, 10916-AAD

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

SAR (1g) = 0.680 W/kg; SAR (10g) = 0.298 W/kg;

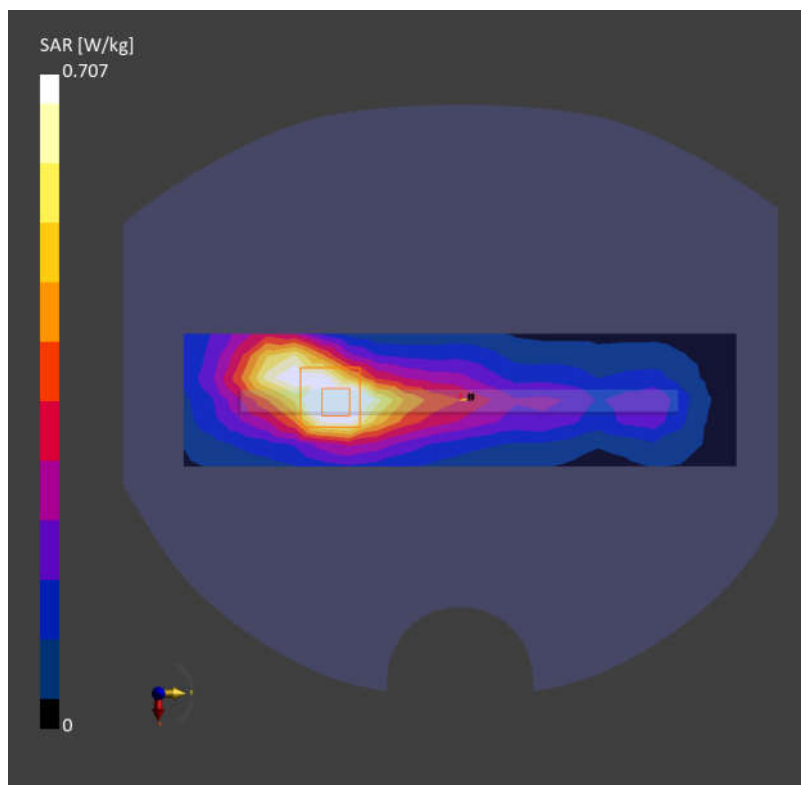
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.10 dB

SAR (1g) = 0.707 W/kg; SAR (10g) = 0.300 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 74.3 %



Date: 2025-01-19

52_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch1

Communication System: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2412.000

MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 2412.000$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 39.3$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(7.87, 7.72, 7.8); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10012-CAB

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 0.228 W/kg; SAR (10g) = 0.140 W/kg;

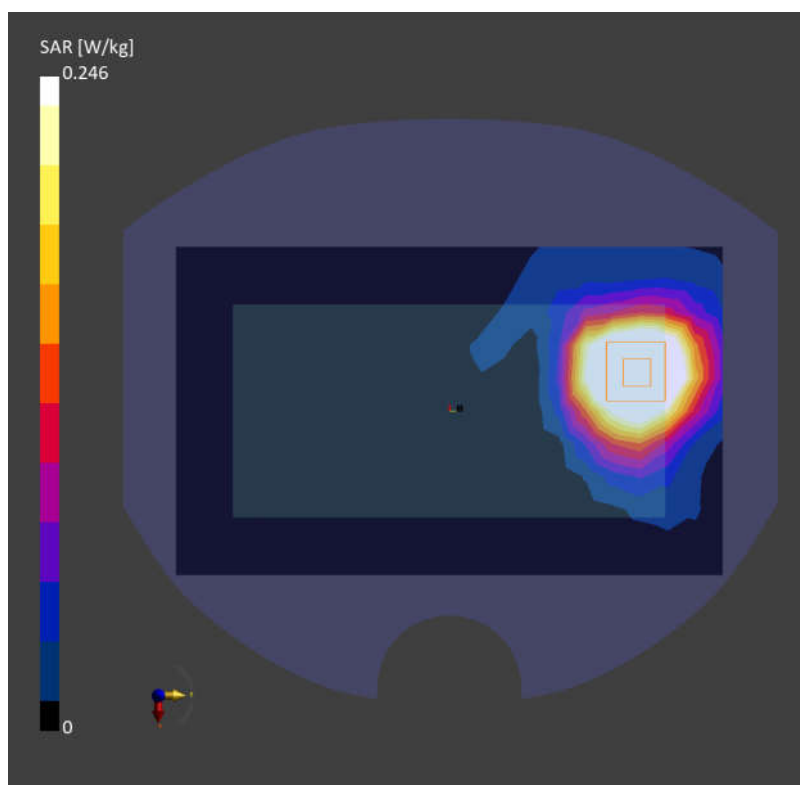
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.17 dB

SAR (1g) = 0.246 W/kg; SAR (10g) = 0.159 W/kg

Smallest distance from peaks to all points 3 dB below = 14.7 mm

Ratio of SAR at M2 to SAR at M1 = 52.8 %



Date: 2025-01-19

53_Bluetooth_1Mbps_Back_10mm_Ch39

Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441.000 MHz;

Duty Cycle: 1:1.304

Medium: Head Simulating Liquid Medium parameters used: $f = 2441.000$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 39.3$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(7.87, 7.72, 7.8); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: Bluetooth, 10032-CAA

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 0.011 W/kg; SAR (10g) = 0.006 W/kg;

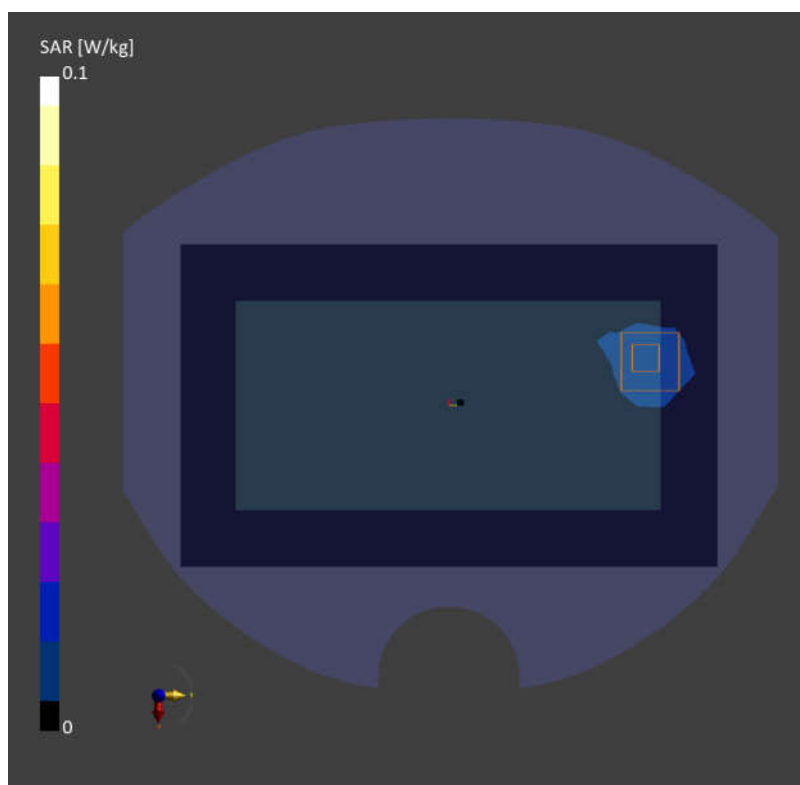
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.18 dB

SAR (1g) = 0.011 W/kg; SAR (10g) = 0.005 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 65.9 %



Date: 2025-01-01

54_LTE Band 71_20M_QPSK_1RB_0Offset_Back_10mm_Ch133322

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO; Frequency: 683.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 683.000$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 42.8$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(9.99, 9.8, 9.91); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: LTE-FDD, 10169-CAF

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.139 W/kg; SAR (10g) = 0.099 W/kg;

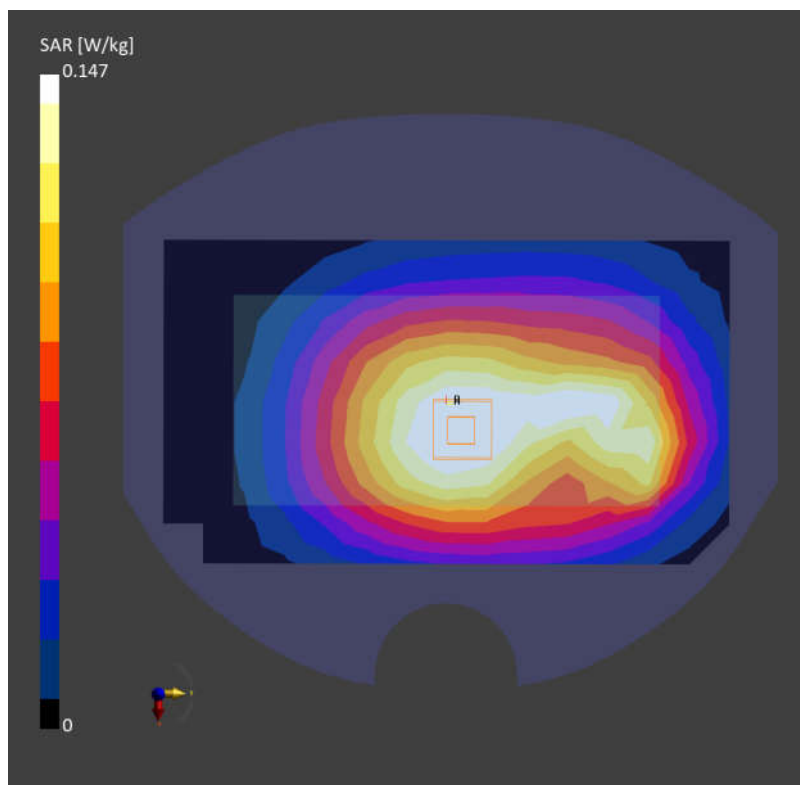
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 5.0 mm

Power Drift = -0.03 dB

SAR (1g) = 0.147 W/kg; SAR (10g) = 0.112 W/kg

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

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



Date: 2025-01-01

55_LTE Band 12_10M_QPSK_1RB_0Offset_Back_10mm_Ch23095

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO; Frequency: 707.500 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 707.500$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 42.5$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(9.99, 9.8, 9.91); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: LTE-FDD, 10175-CAH

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.248 W/kg; SAR (10g) = 0.174 W/kg;

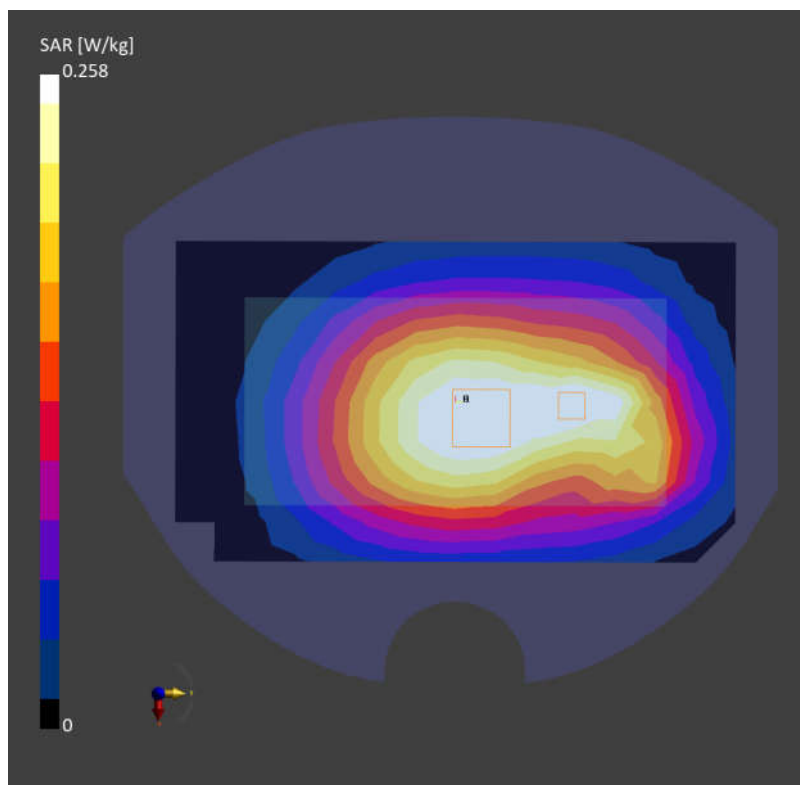
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 5.0 mm

Power Drift = 0.02 dB

SAR (1g) = 0.258 W/kg; SAR (10g) = 0.180 W/kg

Smallest distance from peaks to all points 3 dB below = 20.7 mm

Ratio of SAR at M2 to SAR at M1 = 69.2 %



Date: 2025-01-01

56_LTE Band 13_10M_QPSK_1RB_0Offset_Back_10mm_Ch23230

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO; Frequency: 782.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 42.4$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(9.99, 9.8, 9.91); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: LTE-FDD, 10175-CAH

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.241 W/kg; SAR (10g) = 0.165 W/kg;

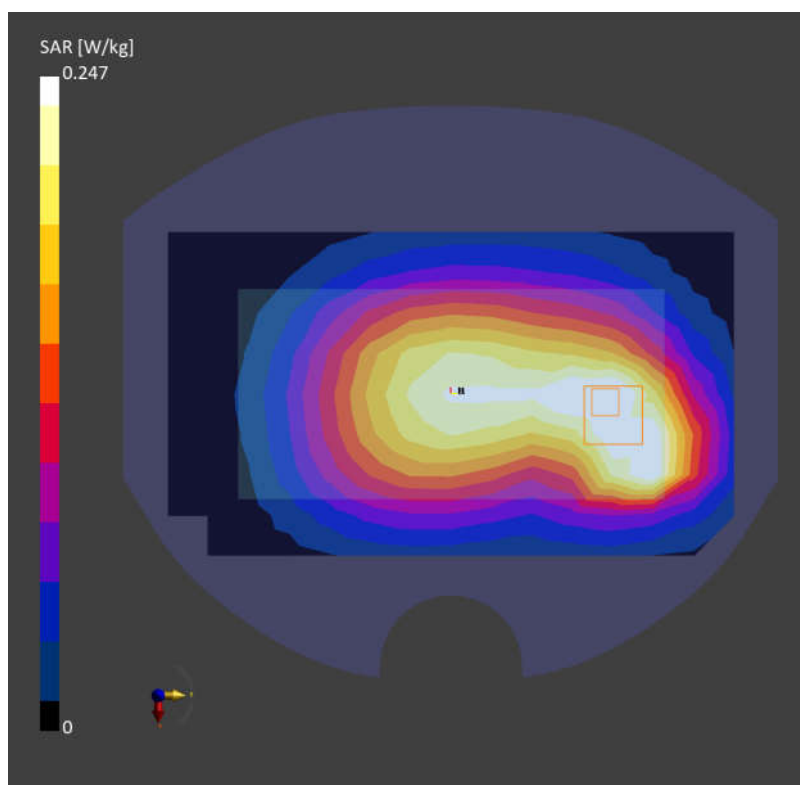
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.247 W/kg; SAR (10g) = 0.169 W/kg

Smallest distance from peaks to all points 3 dB below = 28.3 mm

Ratio of SAR at M2 to SAR at M1 = 85.9 %



Date: 2025-01-01

57_FR1 n71_20M_QPSK_50RB_28Offset_Back_10mm_Ch136100

Communication System: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)

RBPosition:Mid AntennaCfg:SISO; Frequency: 680.500 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 680.500$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 42.8$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(9.99, 9.8, 9.91); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 FDD, 10939-AAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.183 W/kg; SAR (10g) = 0.127 W/kg;

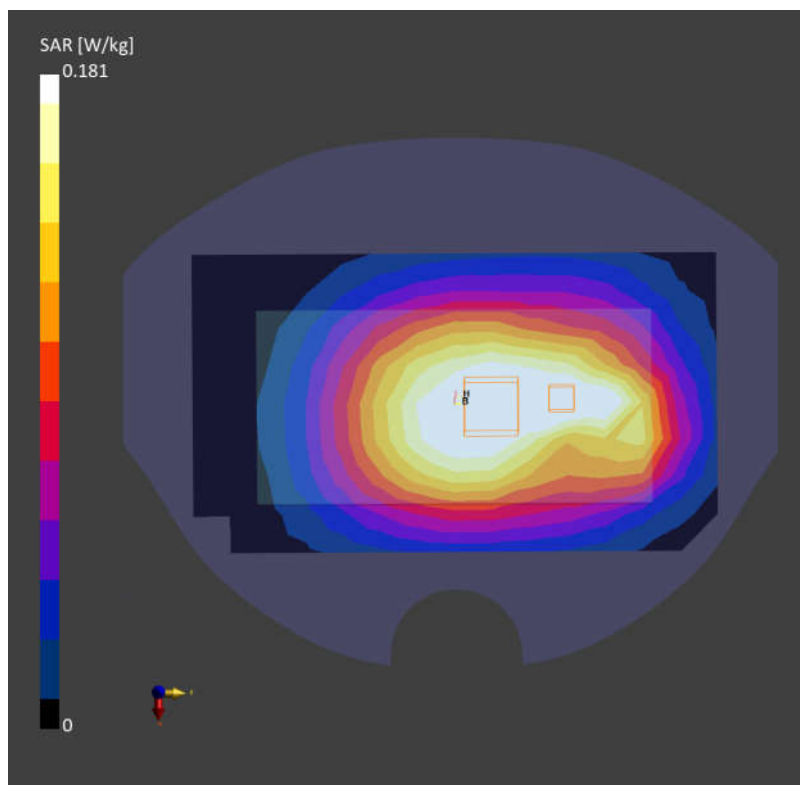
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 5.0 mm

Power Drift = 0.05 dB

SAR (1g) = 0.181 W/kg; SAR (10g) = 0.125 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 67.4 %



Date: 2025-01-01

58_FR1 n12_15M_QPSK_1RB_1Offset_Back_10mm_Ch141500

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)

RBPosition:Mid AntennaCfg:SISO; Frequency: 707.500 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 707.500$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 42.5$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(9.99, 9.8, 9.91); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 FDD, 10930-AAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.209 W/kg; SAR (10g) = 0.142 W/kg;

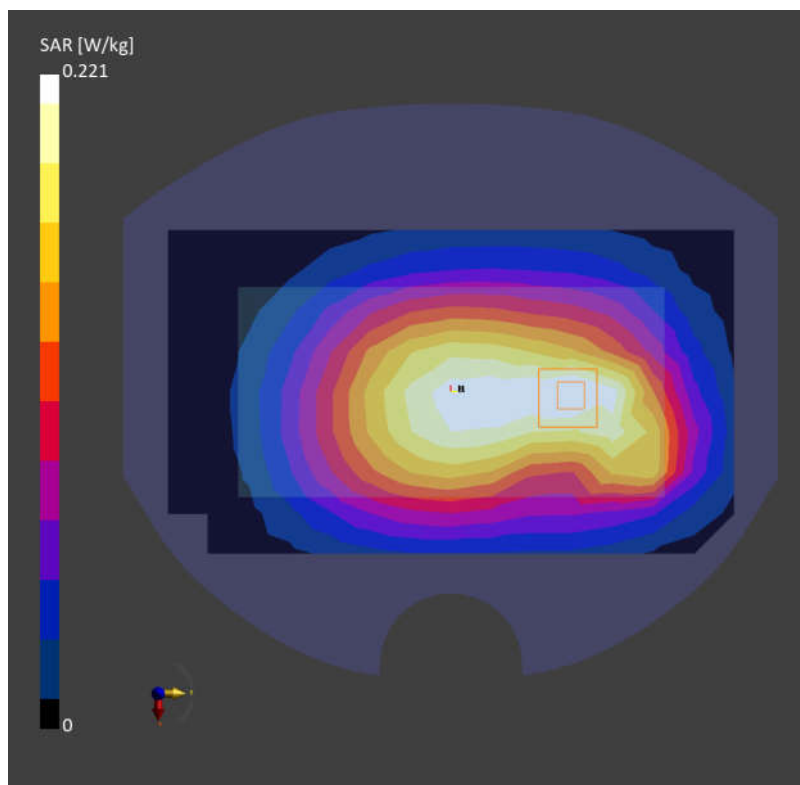
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 5.0 mm

Power Drift = -0.01 dB

SAR (1g) = 0.221 W/kg; SAR (10g) = 0.151 W/kg

Smallest distance from peaks to all points 3 dB below = 20.4 mm

Ratio of SAR at M2 to SAR at M1 = 70.4 %



Date: 2025-01-01

59_FR1 n13_10M_QPSK_1RB_1Offset_Back_10mm_Ch156400

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)

RBPosition:Mid AntennaCfg:SISO; Frequency: 782.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 42.4$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.8°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(9.99, 9.8, 9.91); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 FDD, 10929-AAD

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.206 W/kg; SAR (10g) = 0.142 W/kg;

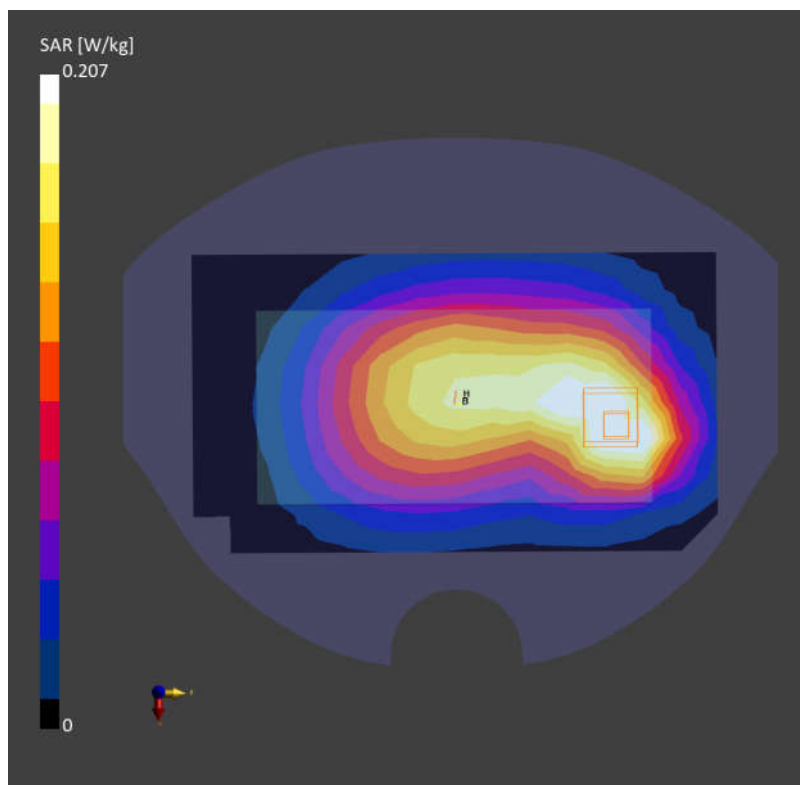
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 5.0 mm

Power Drift = 0.02 dB

SAR (1g) = 0.207 W/kg; SAR (10g) = 0.138 W/kg

Smallest distance from peaks to all points 3 dB below = 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 60.9 %



Date: 2025-01-03

60_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4182

Communication System: UMTS-FDD (WCDMA); Frequency: 836.400 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: $f = 836.400$ MHz; $\sigma = 0.930$ S/m; $\epsilon_r = 40.9$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(9.47, 9.3, 9.4); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: WCDMA, 10011-CAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.416 W/kg; SAR (10g) = 0.272 W/kg;

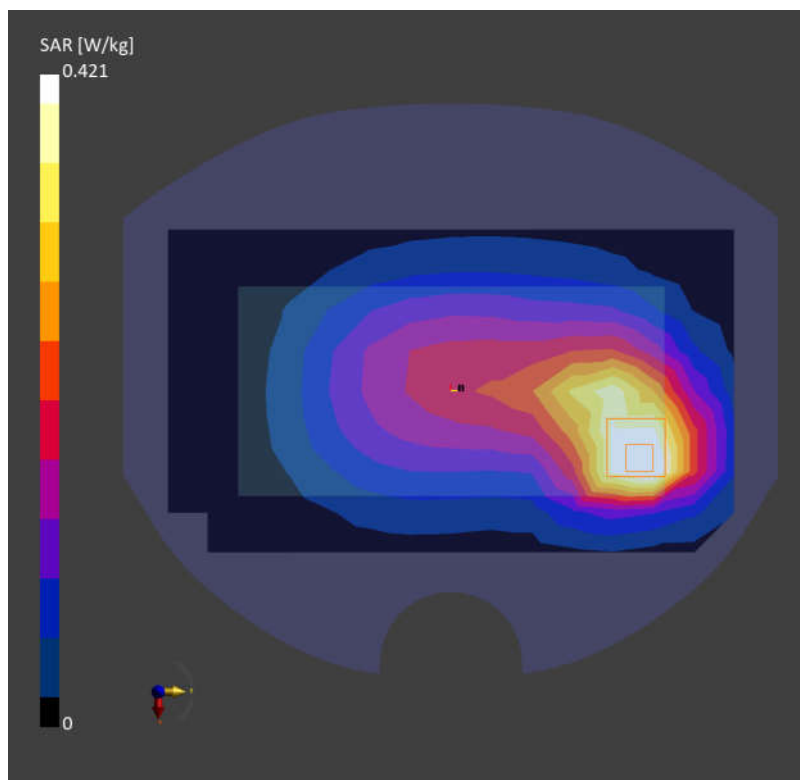
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 5.0 mm

Power Drift = 0.02 dB

SAR (1g) = 0.421 W/kg; SAR (10g) = 0.262 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 58.5 %



Date: 2025-01-03

61_LTE Band 26_15M_QPSK_1RB_0Offset_Back_10mm_Ch26865

Communication System: LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO; Frequency: 831.500 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 40.9$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(9.47, 9.3, 9.4); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: LTE-FDD, 10181-CAF

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.373 W/kg; SAR (10g) = 0.246 W/kg;

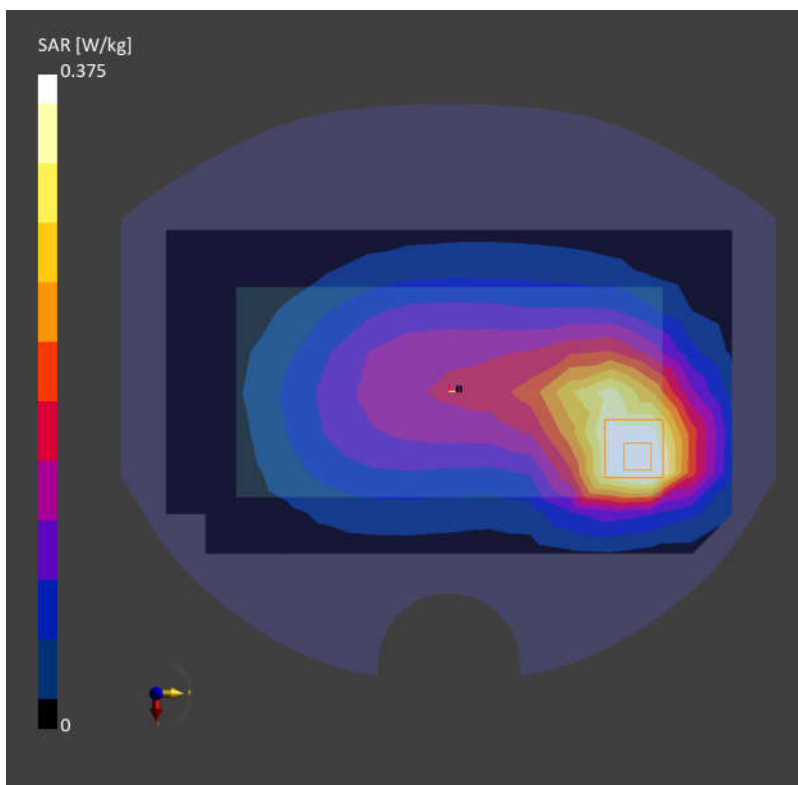
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 5.0 mm

Power Drift = 0.02 dB

SAR (1g) = 0.375 W/kg; SAR (10g) = 0.235 W/kg

Smallest distance from peaks to all points 3 dB below = 12.3 mm

Ratio of SAR at M2 to SAR at M1 = 59.0 %



Date: 2025-01-03

62_FR1 n26_20M_QPSK_50RB_28Offset_Back_10mm_Ch166300

Communication System: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)
RBPosition:Mid AntennaCfg:SISO; Frequency: 831.500 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 40.9$
Ambient Temperature: 23.1°C; Liquid Temperature: 22.7°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(9.47, 9.3, 9.4); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 FDD, 10939-AAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.320 W/kg; SAR (10g) = 0.208 W/kg;

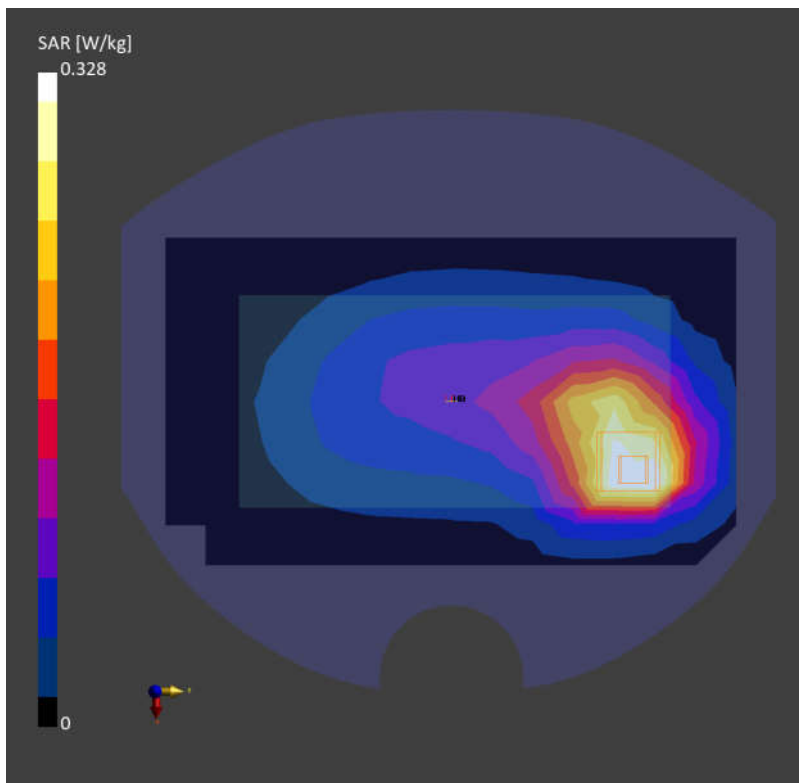
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.328 W/kg; SAR (10g) = 0.199 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 83.7 %



Date: 2025-01-03

63_WCDMA IV_RMC 12.2Kbps_Back_10mm_Ch1513

Communication System: UMTS-FDD (WCDMA); Frequency: 1752.600 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: $f = 1752.600$ MHz; $\sigma = 1.37$ S/m; $\epsilon_r = 40.3$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.5, 8.34, 8.43); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: WCDMA, 10011-CAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.700 W/kg; SAR (10g) = 0.421 W/kg;

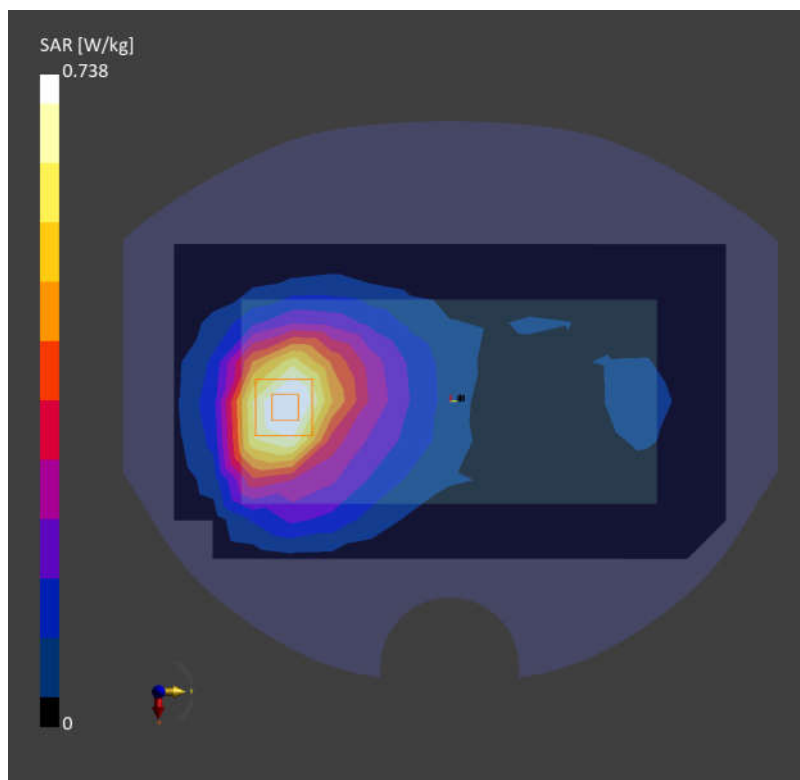
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 0.738 W/kg; SAR (10g) = 0.451 W/kg

Smallest distance from peaks to all points 3 dB below = 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 65.5 %



Date: 2025-01-03

64_LTE Band 66_20M_QPSK_1RB_0Offset_Back_10mm_Ch132572

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO; Frequency: 1770.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 1770.000$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 40.4$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.5, 8.34, 8.43); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: LTE-FDD, 10169-CAF

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.778 W/kg; SAR (10g) = 0.469 W/kg;

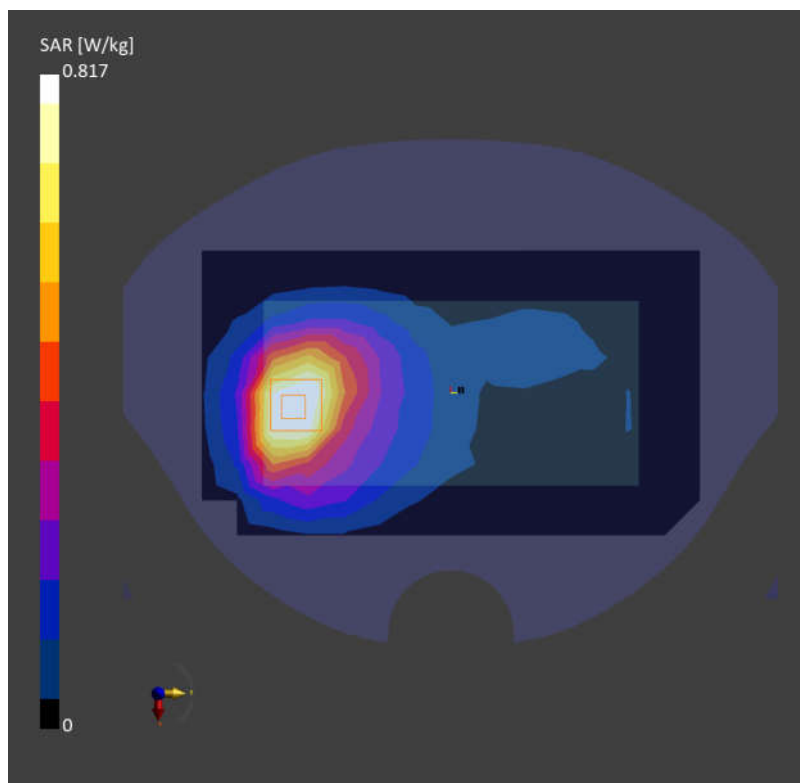
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 5.0 mm

Power Drift = 0.02 dB

SAR (1g) = 0.817 W/kg; SAR (10g) = 0.500 W/kg

Smallest distance from peaks to all points 3 dB below = 15.6 mm

Ratio of SAR at M2 to SAR at M1 = 64.5 %



Date: 2025-01-03

65_FR1 n66_20M_QPSK_50RB_28Offset_Back_10mm_Ch349000

Communication System: 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)
RBPosition:Mid AntennaCfg:SISO; Frequency: 1745.000 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: $f = 1745.000$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 40.3$
Ambient Temperature: 23.4°C; Liquid Temperature: 22.8°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.5, 8.34, 8.43); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 FDD, 10931-AAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.617 W/kg; SAR (10g) = 0.370 W/kg;

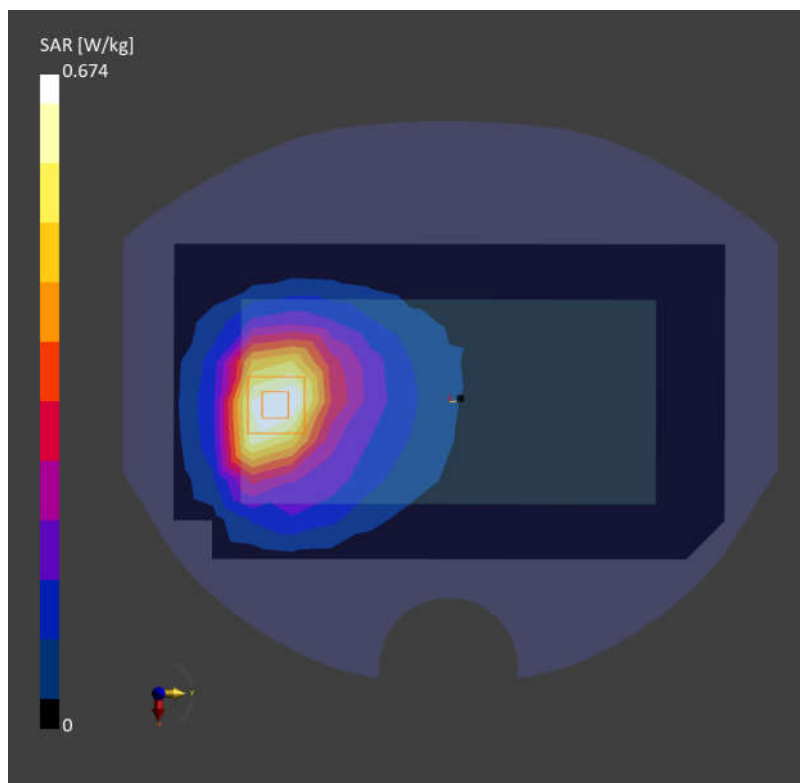
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.05 dB

SAR (1g) = 0.674 W/kg; SAR (10g) = 0.409 W/kg

Smallest distance from peaks to all points 3 dB below = 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 88.1 %



Date: 2025-01-04

66_WCDMA II_RMC 12.2Kbps_Back_10mm_Ch9400

Communication System: UMTS-FDD (WCDMA); Frequency: 1880.000 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 40.2$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.25, 8.1, 8.19); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: WCDMA, 10011-CAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.586 W/kg; SAR (10g) = 0.351 W/kg;

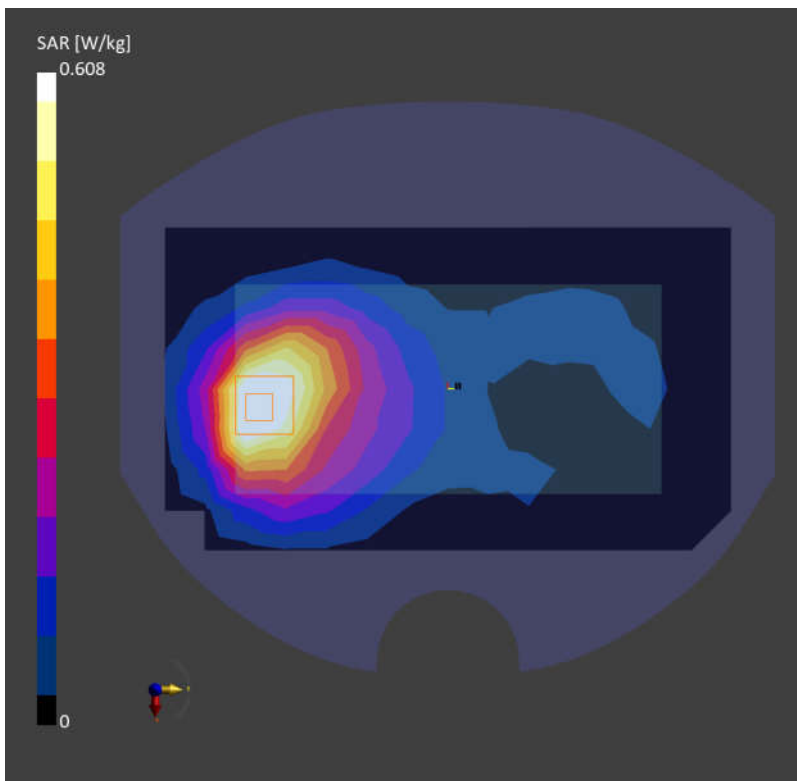
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 5.0 mm

Power Drift = -0.10 dB

SAR (1g) = 0.608 W/kg; SAR (10g) = 0.367 W/kg

Smallest distance from peaks to all points 3 dB below = 15.6 mm

Ratio of SAR at M2 to SAR at M1 = 62.1 %



Date: 2025-01-04

67_LTE Band 25_20M_QPSK_1RB_0Offset_Back_10mm_Ch26340

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO; Frequency: 1880.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 1880.000$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 40.2$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.25, 8.1, 8.19); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: LTE-FDD, 10169-CAF

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.515 W/kg; SAR (10g) = 0.311 W/kg;

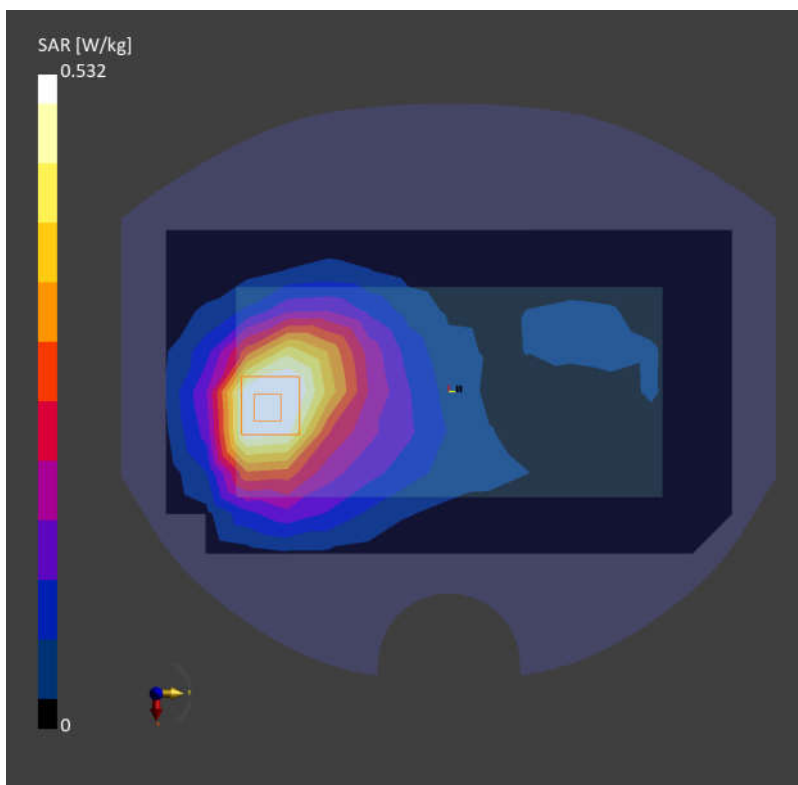
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 5.0 mm

Power Drift = 0.03 dB

SAR (1g) = 0.532 W/kg; SAR (10g) = 0.323 W/kg

Smallest distance from peaks to all points 3 dB below = 15.6 mm

Ratio of SAR at M2 to SAR at M1 = 61.9 %



Date: 2025-01-04

68_FR1 n25_20M_QPSK_1RB_1Offset_Back_10mm_Ch376500

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)

RBPosition:Mid AntennaCfg:SISO; Frequency: 1882.500 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 1882.500$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 40.1$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.25, 8.1, 8.19); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 FDD, 10931-AAC

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.470 W/kg; SAR (10g) = 0.279 W/kg;

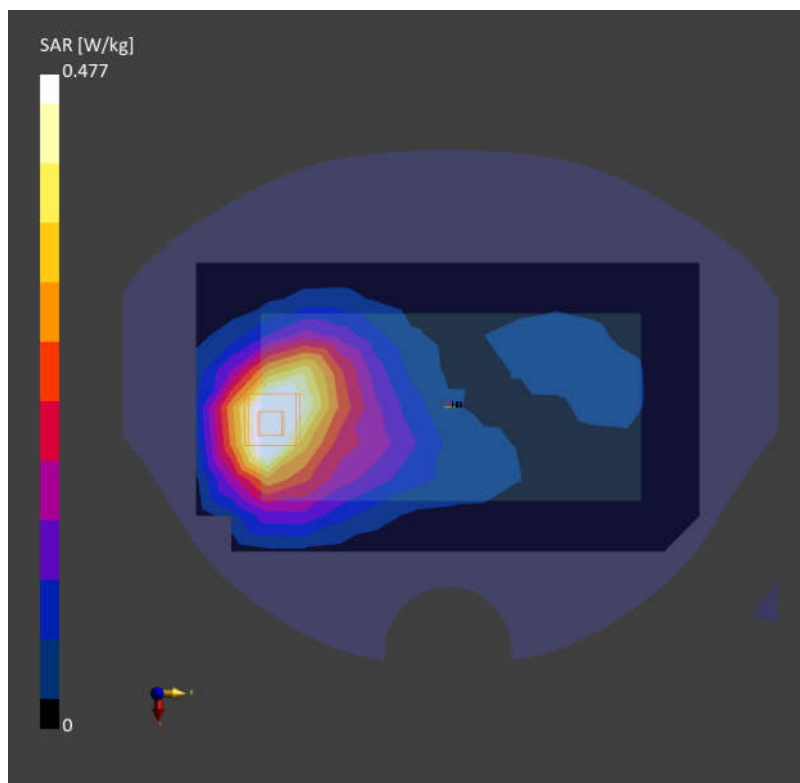
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.05 dB

SAR (1g) = 0.477 W/kg; SAR (10g) = 0.287 W/kg

Smallest distance from peaks to all points 3 dB below = 15.6 mm

Ratio of SAR at M2 to SAR at M1 = 86.3 %



Date: 2025-01-05

69_LTE Band 30_10M_QPSK_1RB_0Offset_Back_10mm_Ch27710

Communication System: LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO; Frequency: 2310.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 2310.000$ MHz; $\sigma = 1.72$ S/m; $\epsilon_r = 39.5$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.15, 7.99, 8.08); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: LTE-FDD, 10175-CAH

Area Scan (120.0 mm x 192.0 mm): Measurement Grid: 12.0 mm x 12.0 mm

SAR (1g) = 0.959 W/kg; SAR (10g) = 0.449 W/kg;

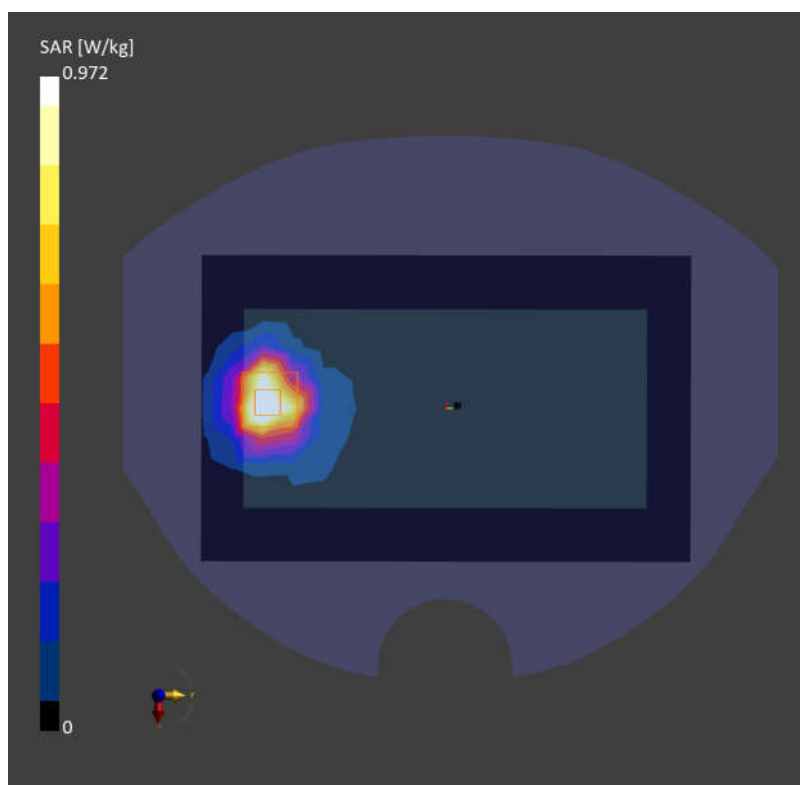
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 0.972 W/kg; SAR (10g) = 0.464 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.6 %



Date: 2025-01-05

70_FR1 n30_10M_QPSK_25RB_14Offset_Back_10mm_Ch462000

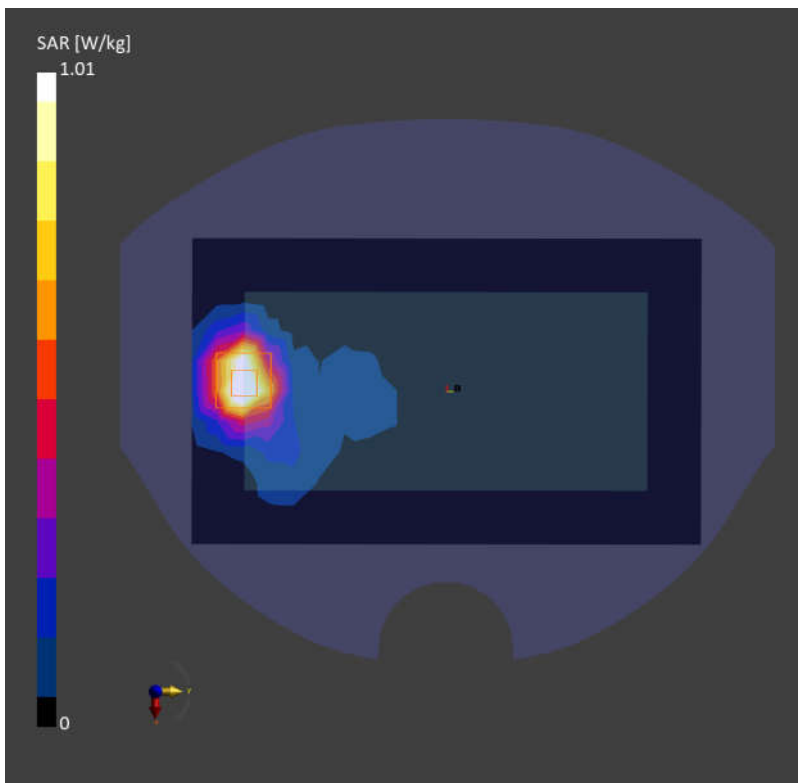
Communication System: 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)
RBPosition:Mid AntennaCfg:SISO; Frequency: 2310.000 MHz; Duty Cycle: 1:1
Medium: Head Simulating Liquid Medium parameters used: $f = 2310.000$ MHz; $\sigma = 1.72$ S/m; $\epsilon_r = 39.5$
Ambient Temperature: 23.1°C; Liquid Temperature: 22.6°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(8.15, 7.99, 8.08); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 FDD, 10937-AAD

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 12.0 mm x 10.0 mm
SAR (1g) = 0.985 W/kg; SAR (10g) = 0.461 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 = 0.05 dB
SAR (1g) = 1.01 W/kg; SAR (10g) = 0.469 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 83.4 %



Date: 2025-01-06

71_LTE Band 7_20M_QPSK_1RB_0Offset_Back_10mm_Ch21350

Communication System: LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO; Frequency: 2560.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 2560.000$ MHz; $\sigma = 1.92$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.9°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(7.96, 7.81, 7.89); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: LTE-FDD, 10169-CAF

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 1.02 W/kg; SAR (10g) = 0.467 W/kg;

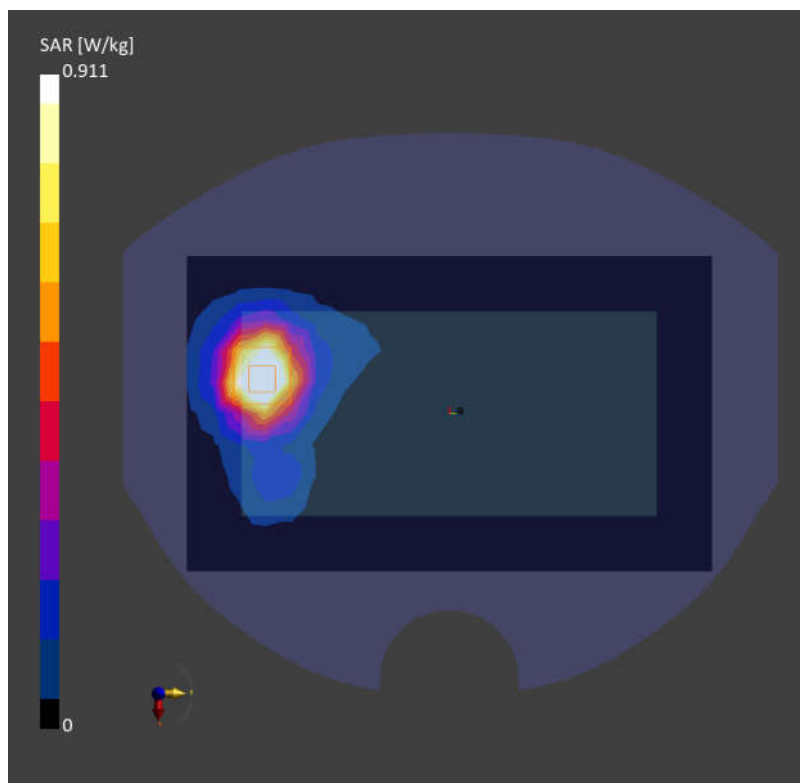
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = -0.08 dB

SAR (1g) = 0.911 W/kg; SAR (10g) = 0.460 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 53.4 %



Date: 2025-01-06

72_LTE Band 41_20M_QPSK_1RB_0Offset_Back_10mm_Ch41490

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO; Frequency: 2680.000 MHz; Duty Cycle: 1:1.59

Medium: Head Simulating Liquid Medium parameters used: $f = 2680.000$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 39.1$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.9°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(7.96, 7.81, 7.89); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: LTE-TDD, 10172-CAH

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 0.847 W/kg; SAR (10g) = 0.410 W/kg;

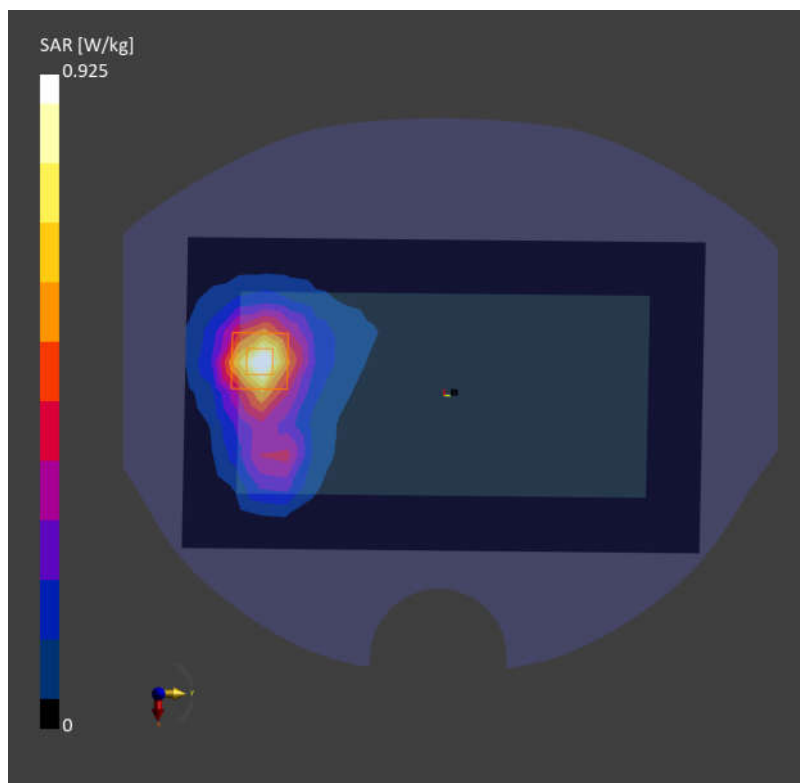
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.02 dB

SAR (1g) = 0.925 W/kg; SAR (10g) = 0.471 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 53.0 %



Date: 2025-01-06

73_FR1 n7_20M_QPSK_1RB_1Offset_Back_10mm_Ch502000

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)

RBPosition:Mid AntennaCfg:SISO; Frequency: 2510.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 2510.000$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 39.2$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.9°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(7.96, 7.81, 7.89); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 FDD, 10931-AAC

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 0.886 W/kg; SAR (10g) = 0.421 W/kg;

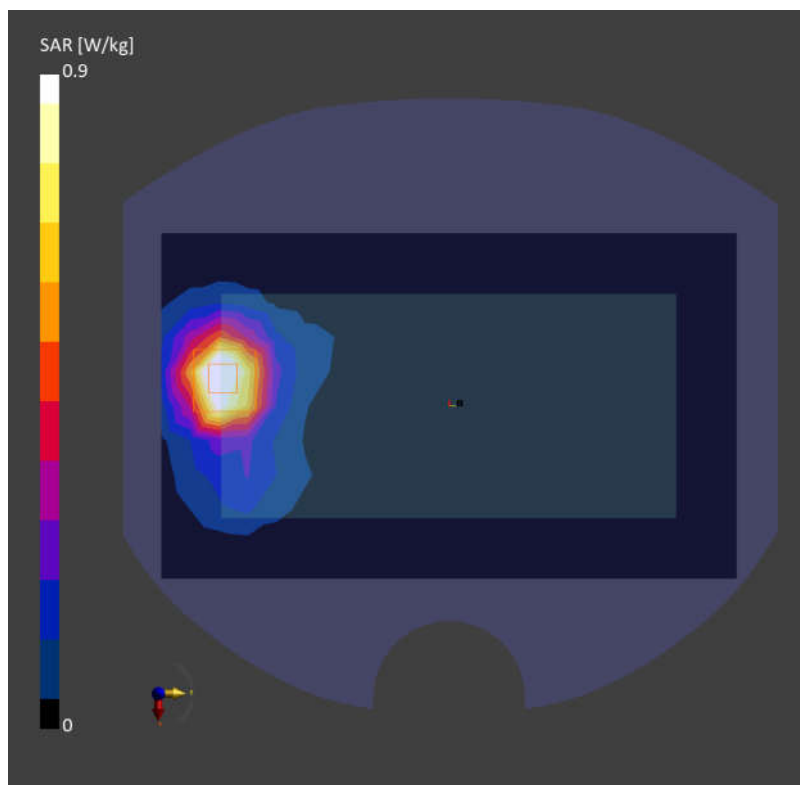
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.19 dB

SAR (1g) = 0.900 W/kg; SAR (10g) = 0.428 W/kg

Smallest distance from peaks to all points 3 dB below = 10.3 mm

Ratio of SAR at M2 to SAR at M1 = 54.1 %



Date: 2025-01-06

74_FR1 n41_100M_QPSK_1RB_1Offset_Back_10mm_Ch518598

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)

RBPosition:Mid AntennaCfg:SISO; Frequency: 2592.990 MHz; Duty Cycle: 1:2

Medium: Head Simulating Liquid Medium parameters used: $f = 2592.990$ MHz; $\sigma = 1.93$ S/m; $\epsilon_r = 39.1$

Ambient Temperature: 23.1°C; Liquid Temperature: 22.9°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(7.96, 7.81, 7.89); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 TDD, 10866-AAF

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 0.915 W/kg; SAR (10g) = 0.415 W/kg;

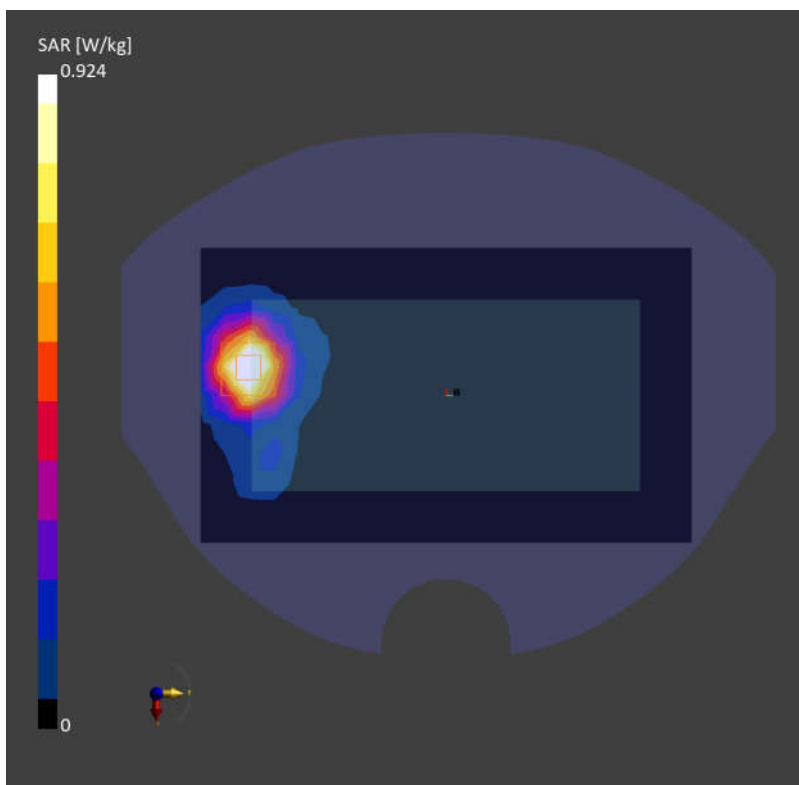
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 0.924 W/kg; SAR (10g) = 0.436 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.3 %



Date: 2025-01-07

75_LTE Band 42_20M_QPSK_1RB_0Offset_Back_10mm_Ch42590

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid

AntennaCfg:SISO; Frequency: 3500.000 MHz; Duty Cycle: 1:1.59

Medium: Head Simulating Liquid Medium parameters used: $f = 3500.000$ MHz; $\sigma = 2.83$ S/m; $\epsilon_r = 39.0$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(7.13, 7.0, 7.07); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: LTE-TDD, 10172-CAH

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.403 W/kg; SAR (10g) = 0.186 W/kg;

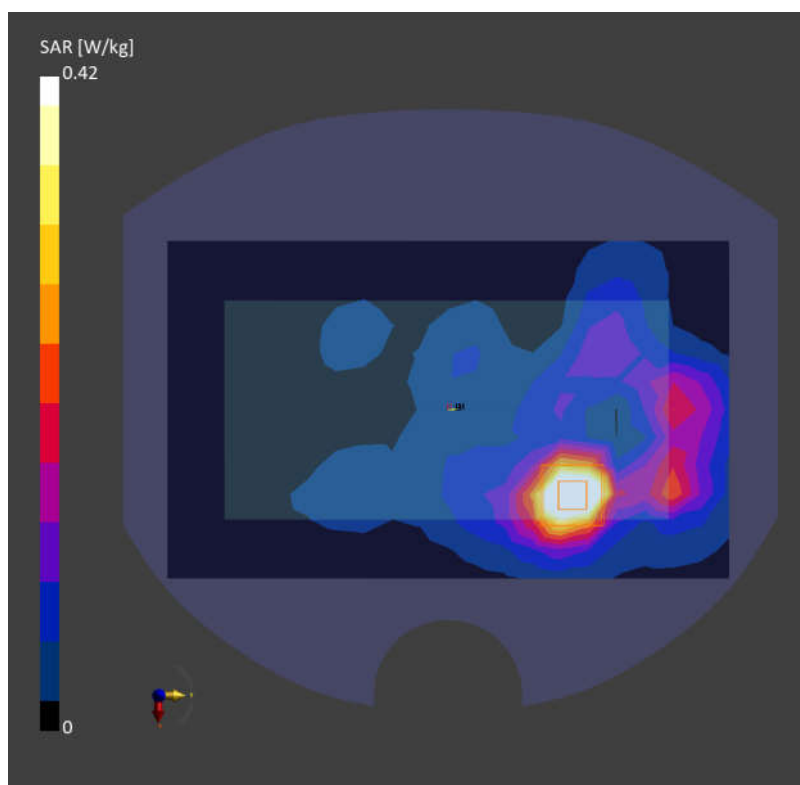
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.06 dB

SAR (1g) = 0.420 W/kg; SAR (10g) = 0.191 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

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



Date: 2025-01-09

76_FR1 n77_100M_QPSK_1RB_1Offset_Back_10mm_Ch656000

Communication System: 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)

RBPosition:Mid AntennaCfg:SISO; Frequency: 3840.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 3840.000$ MHz; $\sigma = 3.15$ S/m; $\epsilon_r = 38.5$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.6°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(6.97, 6.83, 6.91); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: 5G NR FR1 TDD, 10866-AAF

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.553 W/kg; SAR (10g) = 0.261 W/kg;

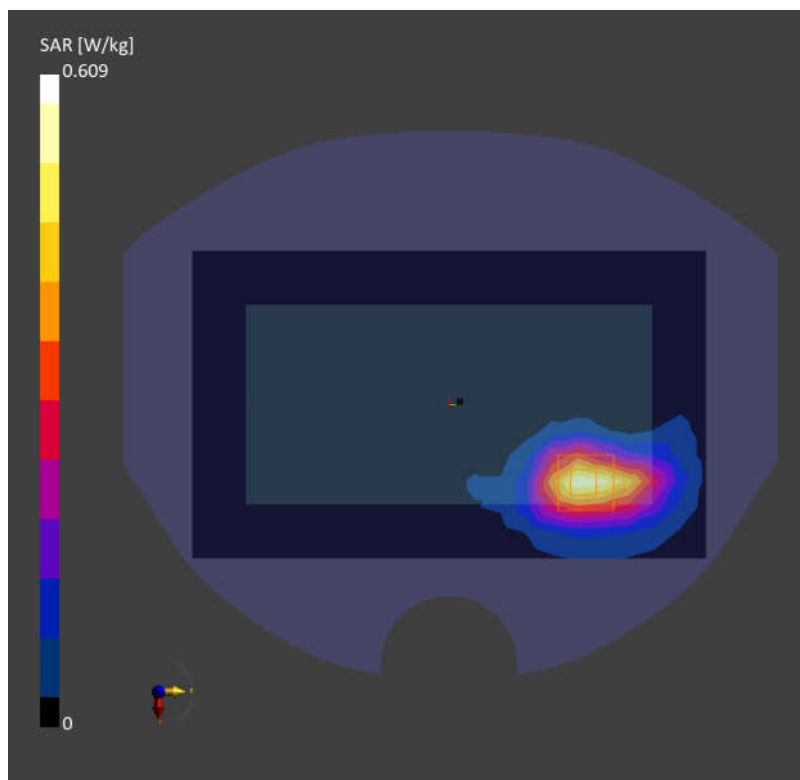
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.04 dB

SAR (1g) = 0.609 W/kg; SAR (10g) = 0.279 W/kg

Smallest distance from peaks to all points 3 dB below = 10.5 mm

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



Date: 2025-01-19

77_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch1

Communication System: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2412.000

MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 2412.000$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 39.3$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(7.87, 7.72, 7.8); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10012-CAB

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 12.0 mm x 10.0 mm

SAR (1g) = 0.352 W/kg; SAR (10g) = 0.190 W/kg;

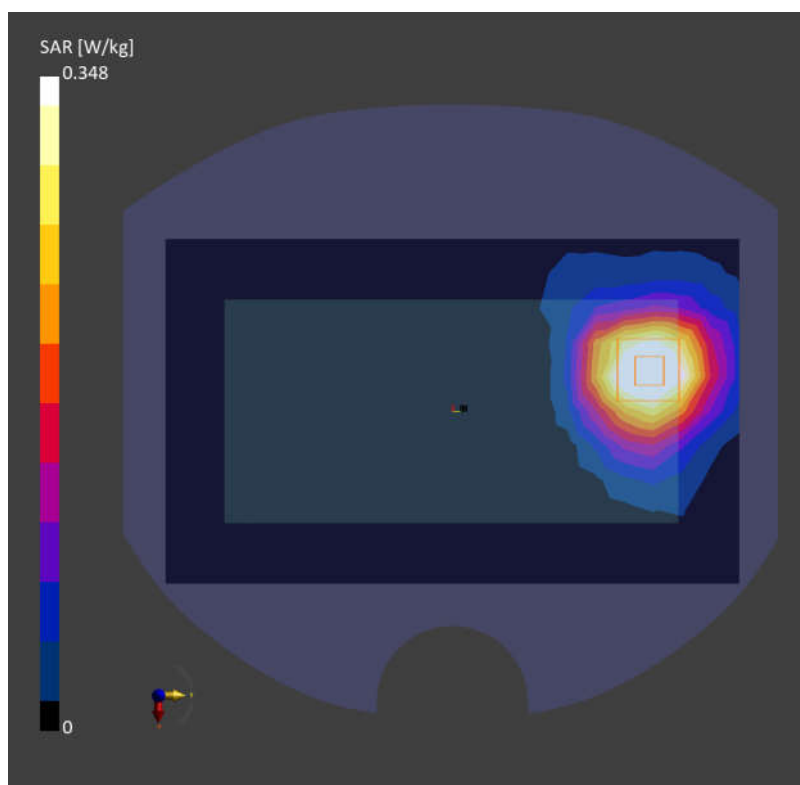
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 5.0 mm

Power Drift = 0.17 dB

SAR (1g) = 0.348 W/kg; SAR (10g) = 0.191 W/kg

Smallest distance from peaks to all points 3 dB below = 16.5 mm

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



Date: 2025-01-19

78_Bluetooth_1Mbps_Back_10mm_Ch39

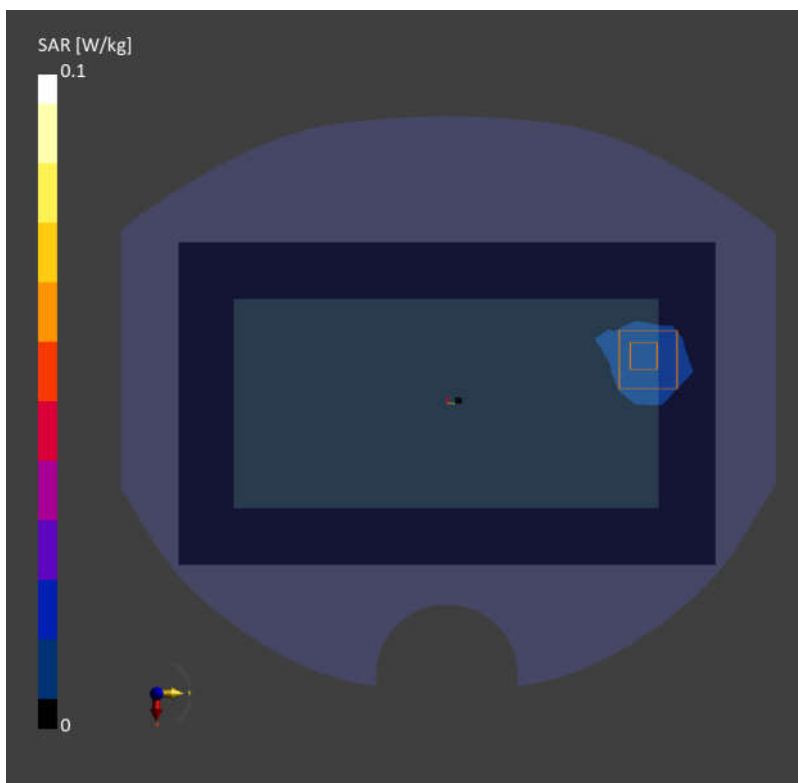
Communication System: IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441.000 MHz;
Duty Cycle: 1:1.304
Medium: Head Simulating Liquid Medium parameters used: $f = 2441.000$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 39.3$
Ambient Temperature: 23.3°C; Liquid Temperature: 22.7°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(7.87, 7.72, 7.8); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: Bluetooth, 10032-CAA

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 12.0 mm x 10.0 mm
SAR (1g) = 0.011 W/kg; SAR (10g) = 0.006 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
Power Drift = 0.18 dB
SAR (1g) = 0.011 W/kg; SAR (10g) = 0.005 W/kg
Smallest distance from peaks to all points 3 dB below = 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 65.9 %



Date: 2025-01-20

79_WLAN5GHz_802.11ac-VHT80 MCS0_Back_10mm_Ch58

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency:

5290.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 5290.000$ MHz; $\sigma = 4.60$ S/m; $\epsilon_r = 35.0$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.98, 5.87, 5.93); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10554-AAE

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.707 W/kg; SAR (10g) = 0.276 W/kg;

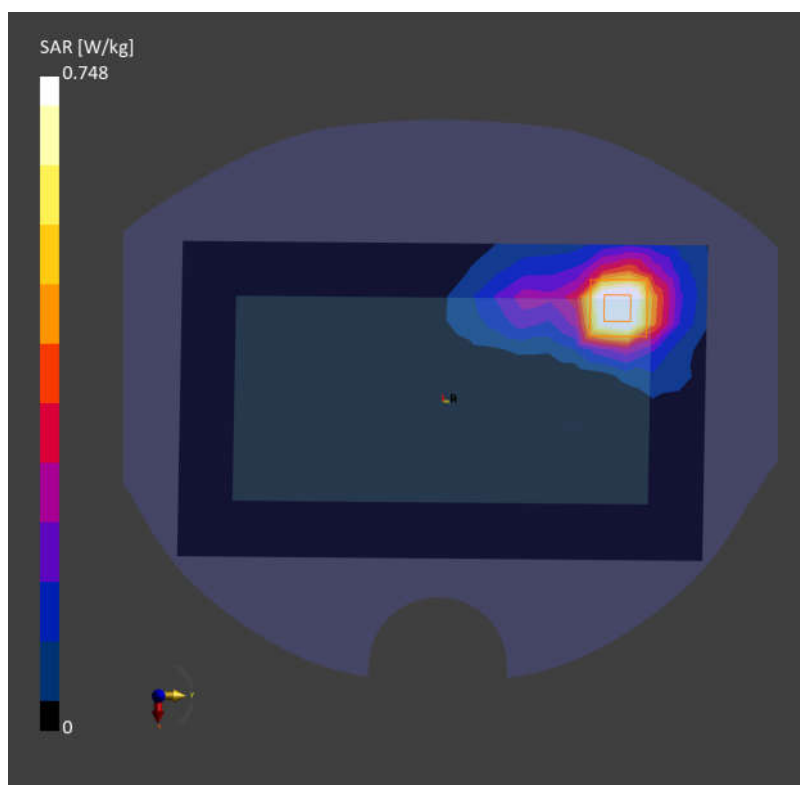
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.01 dB

SAR (1g) = 0.748 W/kg; SAR (10g) = 0.282 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 63.9 %



Date: 2025-01-21

80_WLAN5GHz_802.11ac-VHT80 MCS0_Back_10mm_Ch106

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency:

5530.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 5530.000$ MHz; $\sigma = 4.86$ S/m; $\epsilon_r = 34.5$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.36, 5.26, 5.32); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10554-AAE

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.697 W/kg; SAR (10g) = 0.266 W/kg;

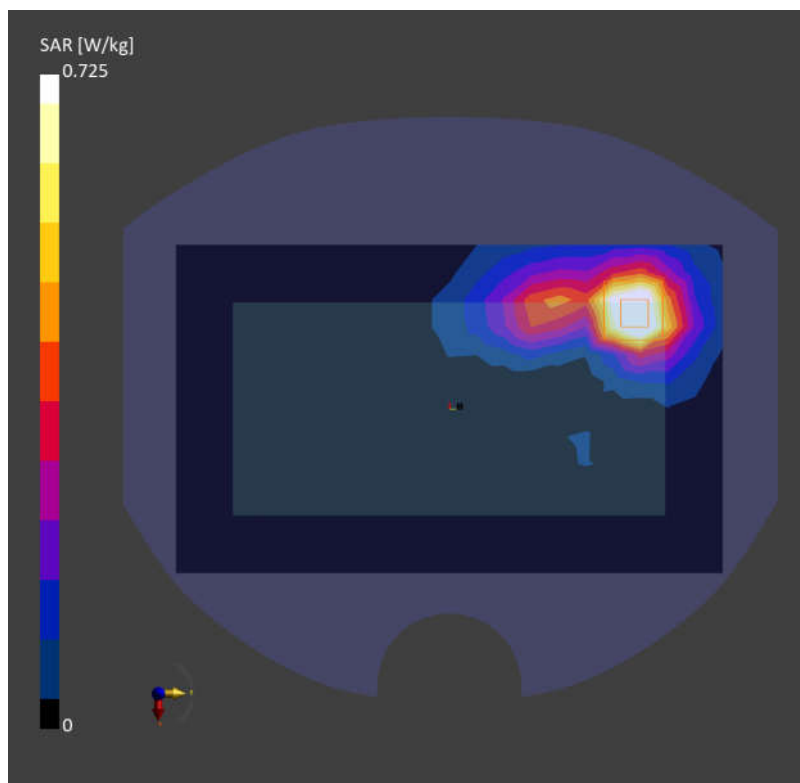
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.12 dB

SAR (1g) = 0.725 W/kg; SAR (10g) = 0.267 W/kg

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

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



Date: 2025-01-22

81_WLAN5GHz_802.11ac-VHT80 MCS0_Back_10mm_Ch155

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency:

5775.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 5775.000$ MHz; $\sigma = 5.15$ S/m; $\epsilon_r = 34.1$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.44, 5.34, 5.4); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10544-AAD

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.804 W/kg; SAR (10g) = 0.316 W/kg;

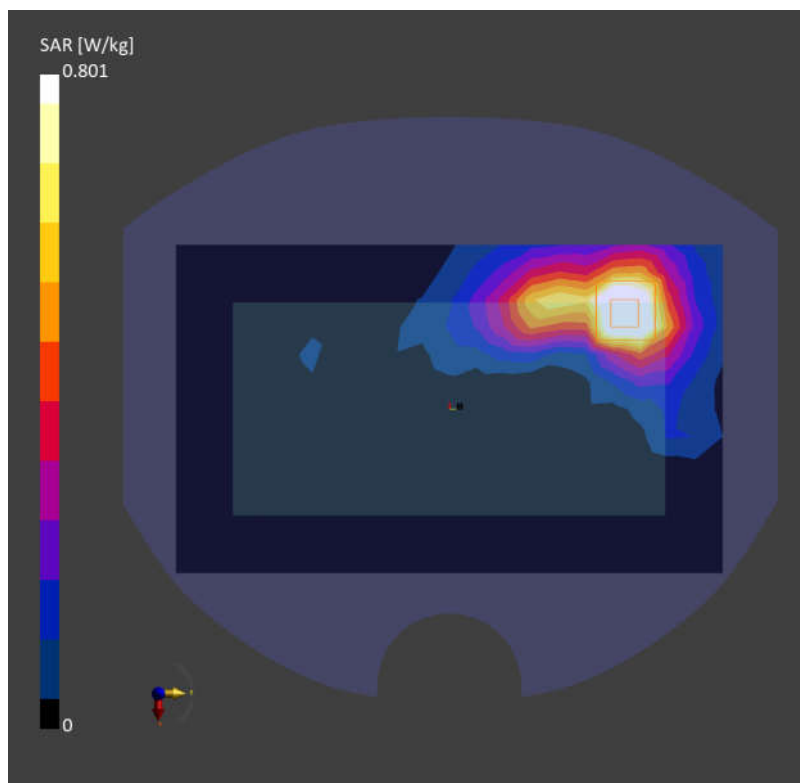
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.04 dB

SAR (1g) = 0.801 W/kg; SAR (10g) = 0.332 W/kg

Smallest distance from peaks to all points 3 dB below = 11.9 mm

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



Date: 2025-01-20

82_WLAN5GHz_802.11ac-VHT80 MCS0_Right Side_0mm_Ch58

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency:

5290.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 5290.000$ MHz; $\sigma = 4.60$ S/m; $\epsilon_r = 35.0$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.98, 5.87, 5.93); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10554-AAE

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

SAR (1g) = 4.26 W/kg; SAR (10g) = 1.23 W/kg;

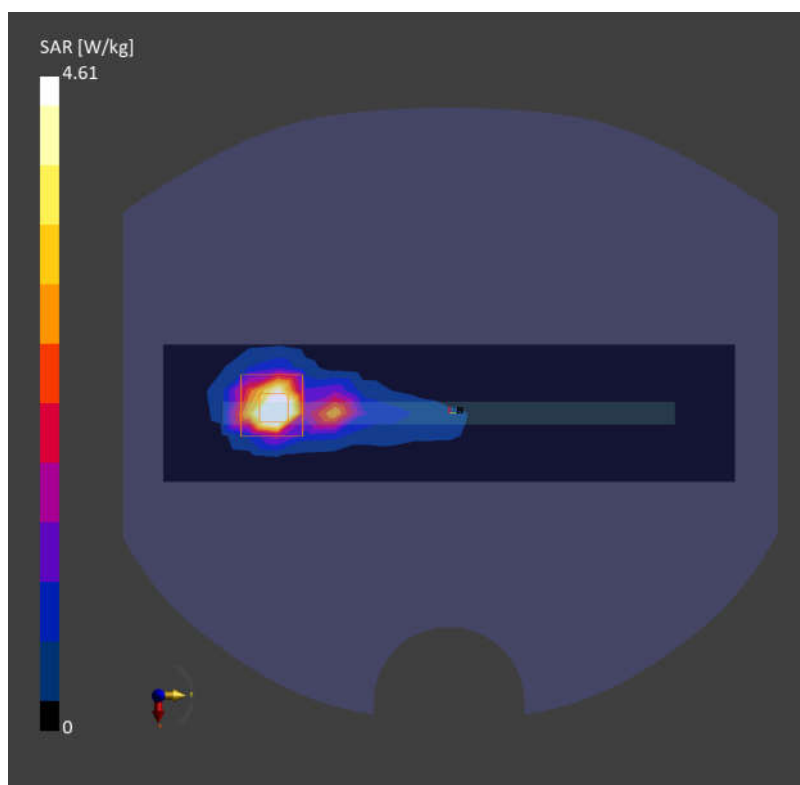
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.02 dB

SAR (1g) = 4.61 W/kg; SAR (10g) = 1.21 W/kg

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 63.4 %



Date: 2025-01-21

83_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch106

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency:

5530.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 5530.000$ MHz; $\sigma = 4.86$ S/m; $\epsilon_r = 34.5$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.36, 5.26, 5.32); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10554-AAE

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.58 W/kg; SAR (10g) = 0.805 W/kg;

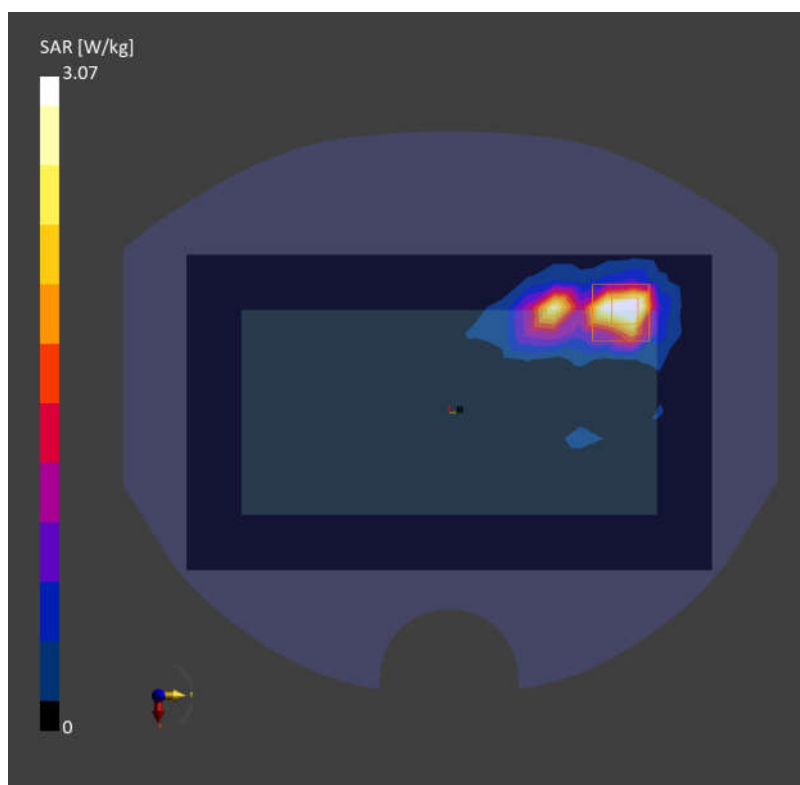
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.01 dB

SAR (1g) = 3.07 W/kg; SAR (10g) = 0.834 W/kg

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 64.4 %



Date: 2025-01-22

84_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch155

Communication System: IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle); Frequency:

5775.000 MHz; Duty Cycle: 1:1

Medium: Head Simulating Liquid Medium parameters used: $f = 5775.000$ MHz; $\sigma = 5.15$ S/m; $\epsilon_r = 34.1$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7764; ConvF(5.44, 5.34, 5.4); Calibrated: 2024-09-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1691; Calibrated: 2024-04-19
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 1753
- Measurement Software: 16.4.0.5005
- UID: WLAN, 10544-AAD

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 3.04 W/kg; SAR (10g) = 0.980 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

Power Drift = -0.14 dB

SAR (1g) = 3.69 W/kg; SAR (10g) = 1.01 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 62.2 %

