Appendix B
Detailed Test Results

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WIFI 5G
WIFI 6E
6. BT
BT
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M50F01 GSM850 GPRS 2TS 190CH Back side 10mm Ant0

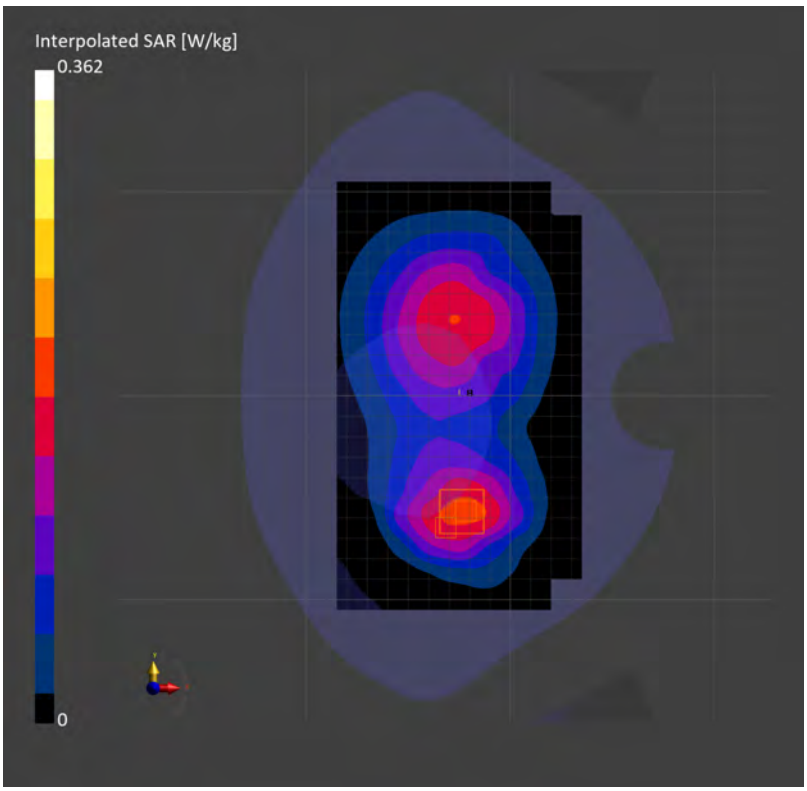
M50F01

Communication System: GSM 850; Frequency: 836.600
Medium: Head Simulating Liquid. Medium parameters used: f= 836.600 MHz; σ= 0.884 S/m; ε_r = 43.0

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(8.81, 8.65, 8.94); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.170 W/kg; SAR (10g) = 0.115 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 4.0 mm
Power Drift = -0.04 dB
SAR (1g) = 0.176 W/kg; SAR (10g) = 0.107 W/kg;
M2/M1 [%]=51.8
Dist 3dB Peak [mm]=16.5



M50F01 GSM1900 GPRS 2TS 661CH Back side 10mm Ant0

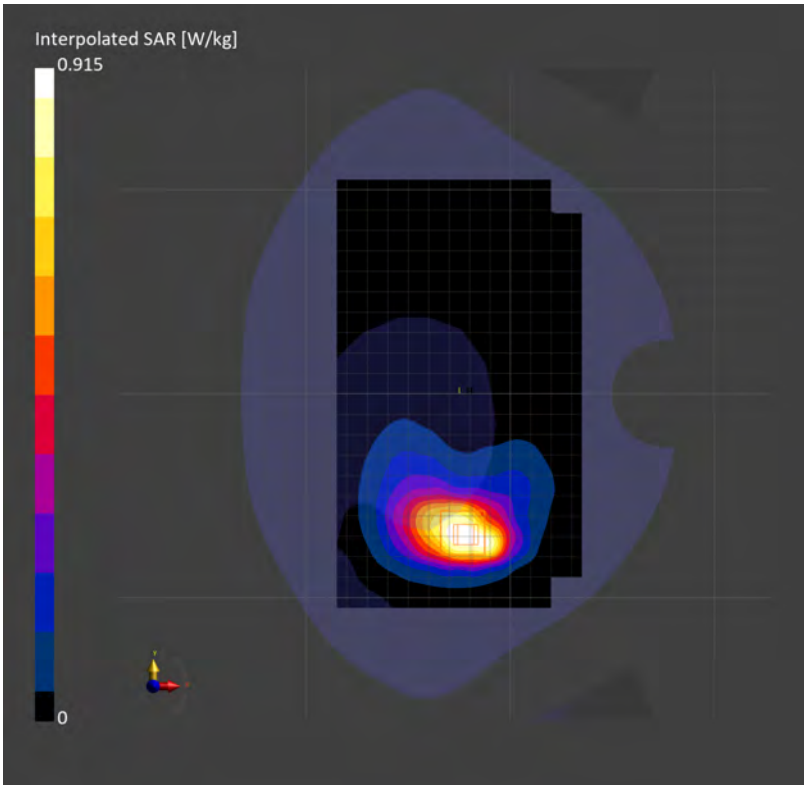
M50F01

Communication System: PCS 1900; Frequency: 1880.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1880.000 MHz; σ= 1.39 S/m; ε_r = 40.4

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(7.46, 7.33, 7.58); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.426 W/kg; SAR (10g) = 0.244 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 4.0 mm
Power Drift = 0.03 dB
SAR (1g) = 0.508 W/kg; SAR (10g) = 0.272 W/kg;
M2/M1 [%]=62.2
Dist 3dB Peak [mm]=11.3



M50F01 WCDMA Band II RMC 9262CH Back side 10mm Ant0

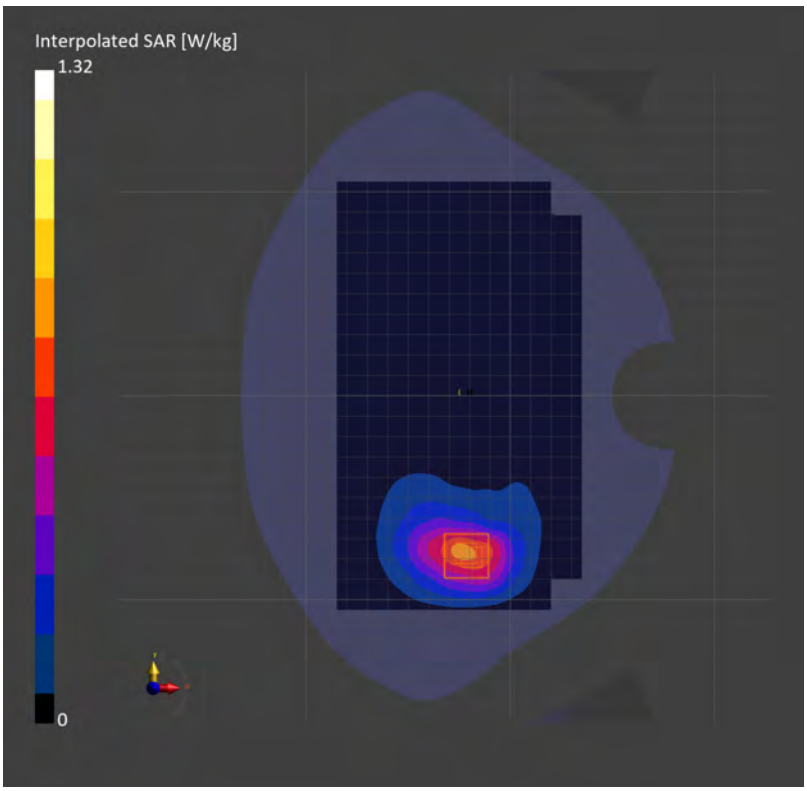
M50F01

Communication System: Band 2; Frequency: 1852.400
Medium: Head Simulating Liquid. Medium parameters used: f= 1852.400 MHz; σ= 1.37 S/m; ε_r = 40.4

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(7.46, 7.33, 7.58); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.671 W/kg; SAR (10g) = 0.383 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 4.0 mm
Power Drift = -0.01 dB
SAR (1g) = 0.753 W/kg; SAR (10g) = 0.417 W/kg;
M2/M1 [%]=61.9
Dist 3dB Peak [mm]=11.6



M50F01 WCDMA Band IV RMC 1412CH Back side 10mm Ant0

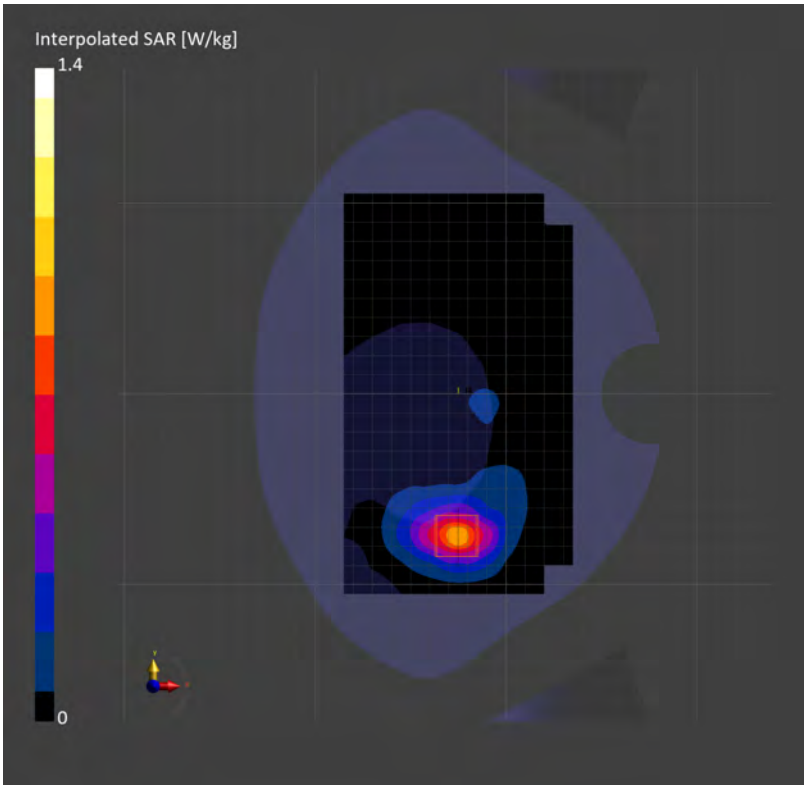
M50F01

Communication System: Band 4; Frequency: 1732.400
Medium: Head Simulating Liquid. Medium parameters used: f= 1732.400 MHz; σ= 1.32 S/m; ε_r = 41.0

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(7.69, 7.55, 7.81); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.735 W/kg; SAR (10g) = 0.393 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 4.0 mm
Power Drift = -0.01 dB
SAR (1g) = 0.769 W/kg; SAR (10g) = 0.415 W/kg;
M2/M1 [%]=61.8
Dist 3dB Peak [mm]=11.7



M50F01 WCDMA Band V RMC 4182CH Back side 10mm Ant0

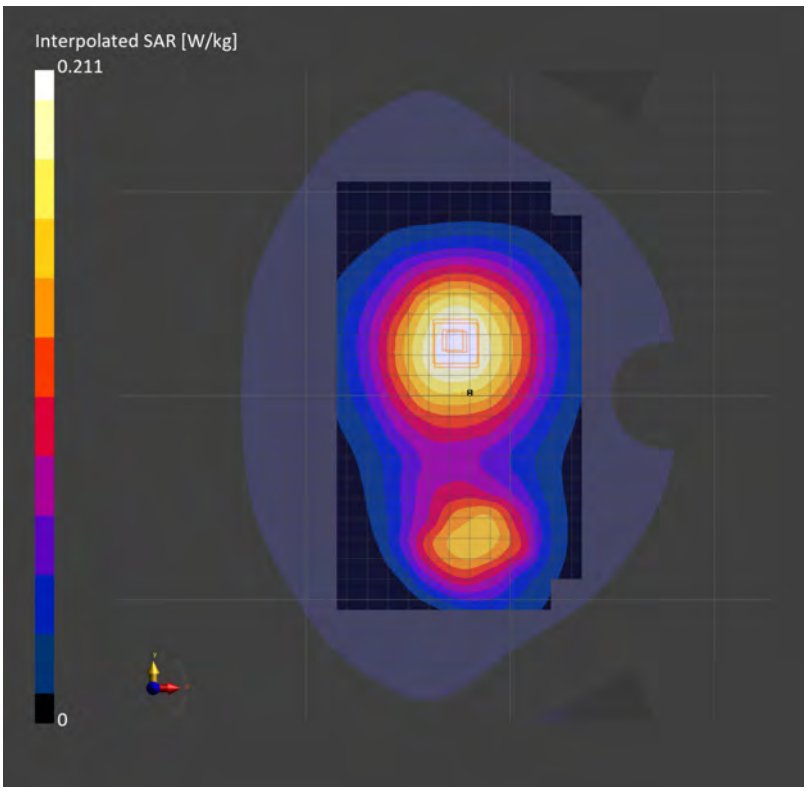
M50F01

Communication System: Band 5; Frequency: 836.400
Medium: Head Simulating Liquid. Medium parameters used: f= 836.400 MHz; σ= 0.883 S/m; ε_r = 43.0

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(8.81, 8.65, 8.94); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.133 W/kg; SAR (10g) = 0.092 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 = 0.04 dB
SAR (1g) = 0.137 W/kg; SAR (10g) = 0.104 W/kg;
M2/M1 [%]=84.8
Dist 3dB Peak [mm]=> 16.0



M50F01 LTE Band 7 20M QPSK 1RB50 21100CH Bottom side 10mm Ant0

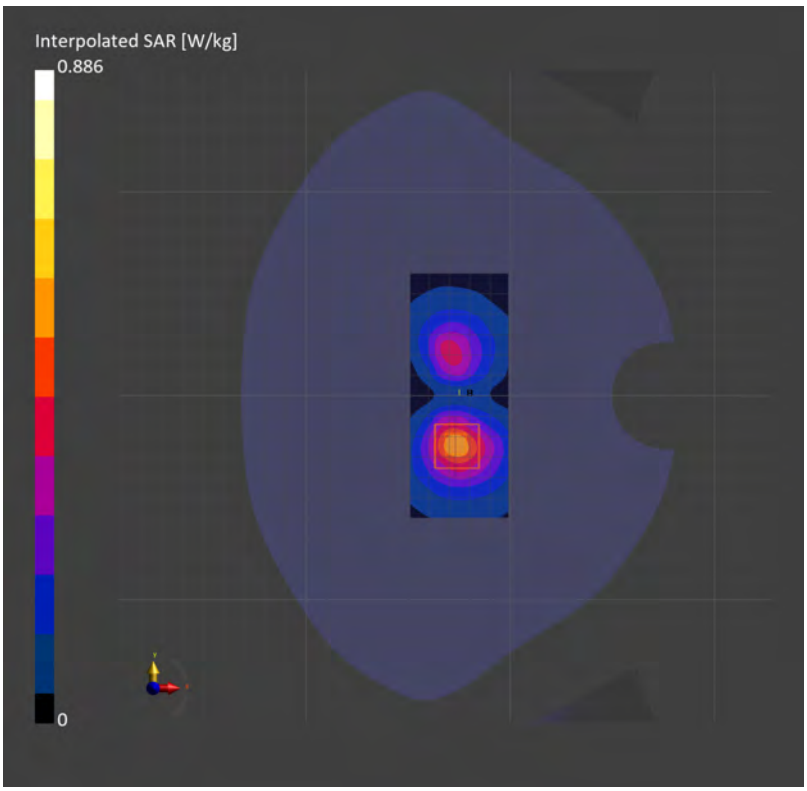
M50F01

Communication System: Band 7; Frequency: 2535.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2535.000 MHz; σ= 1.94 S/m; ε_r = 39.7

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(6.68, 6.56, 6.78); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 12.0 mm
SAR (1g) = 0.454 W/kg; SAR (10g) = 0.230 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 4.0 mm
Power Drift = 0.04 dB
SAR (1g) = 0.469 W/kg; SAR (10g) = 0.241 W/kg;
M2/M1 [%]=59.5
Dist 3dB Peak [mm]=12.1



M50F01 LTE Band 12 10M QPSK 1RB25 23095CH Back side 10mm Ant0

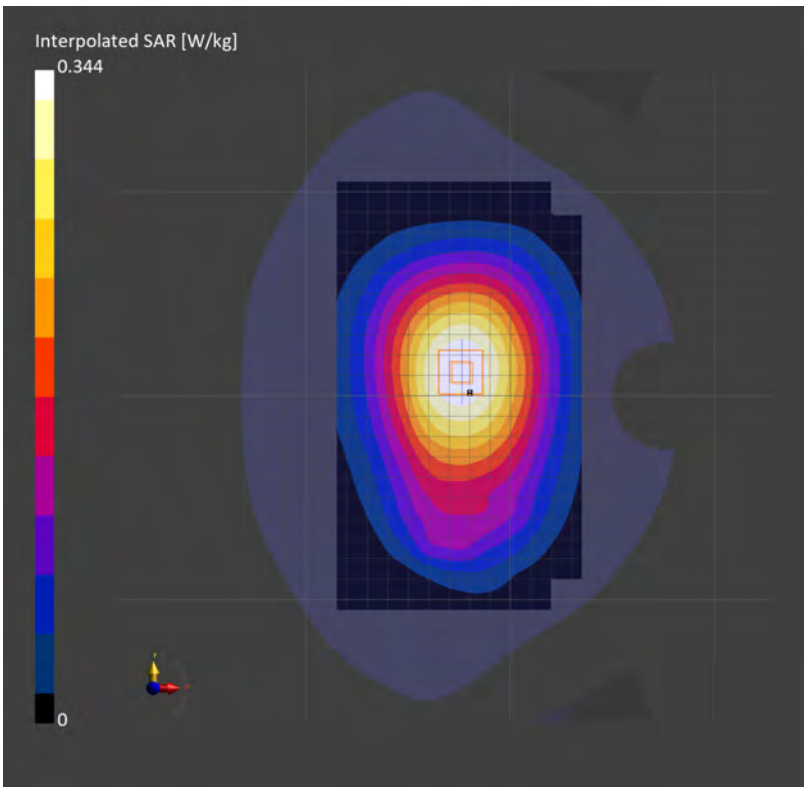
M50F01

Communication System: Band 12; Frequency: 707.500
Medium: Head Simulating Liquid. Medium parameters used: f= 707.500 MHz; σ= 0.887 S/m; ε_r = 40.6

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(9.01, 8.86, 9.15); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

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) = 0.172 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 4.0 mm
Power Drift = 0.00 dB
SAR (1g) = 0.253 W/kg; SAR (10g) = 0.194 W/kg;
M2/M1 [%]=77.8
Dist 3dB Peak [mm]=> 16.0



M50F01 LTE Band 13 10M QPSK 1RB25 23230CH Bottom side 10mm Ant0

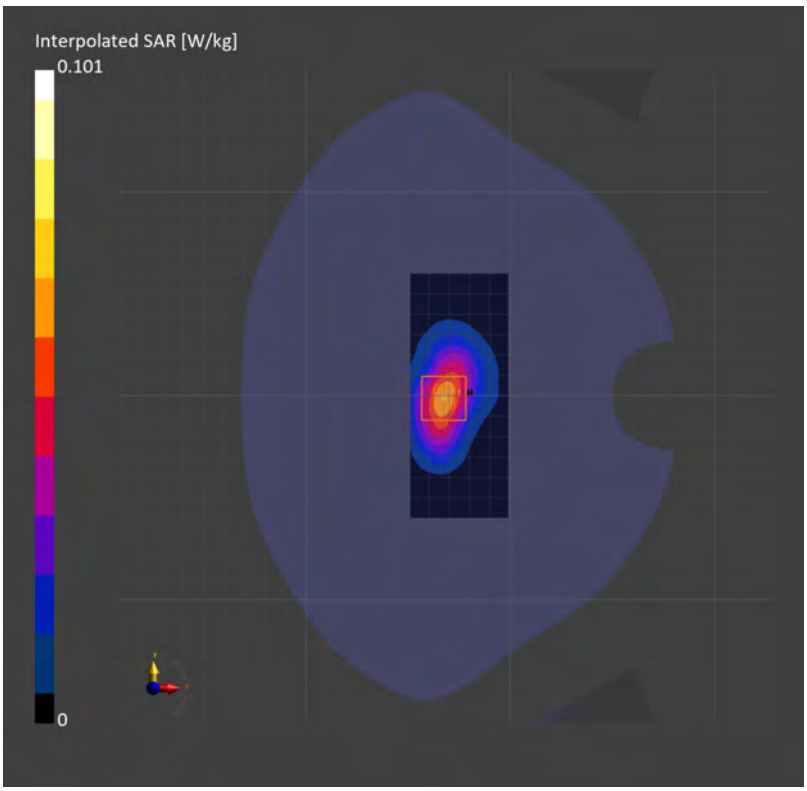
M50F01

Communication System: Band 13; Frequency: 782.000
Medium: Head Simulating Liquid. Medium parameters used: f= 782.000 MHz; σ= 0.910 S/m; ε_r = 40.3

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(9.01, 8.86, 9.15); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 15.0 mm
SAR (1g) = 0.056 W/kg; SAR (10g) = 0.033 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 4.0 mm
Power Drift = 0.16 dB
SAR (1g) = 0.054 W/kg; SAR (10g) = 0.029 W/kg;
M2/M1 [%]=59.3
Dist 3dB Peak [mm]=10.8



M50F01 LTE Band 14 10M QPSK 1RB25 23330CH Bottom side 10mm Ant0

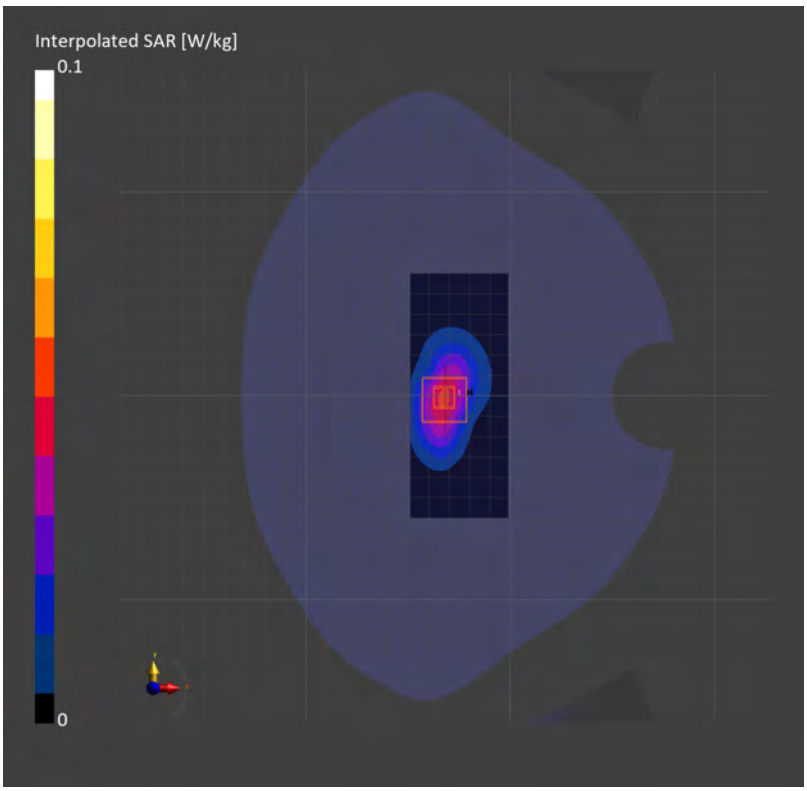
M50F01

Communication System: Band 14; Frequency: 793.000
Medium: Head Simulating Liquid. Medium parameters used: f= 793.000 MHz; σ= 0.913 S/m; ε_r = 40.3

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(9.01, 8.86, 9.15); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 15.0 mm
SAR (1g) = 0.043 W/kg; SAR (10g) = 0.026 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 4.0 mm
Power Drift = 0.08 dB
SAR (1g) = 0.042 W/kg; SAR (10g) = 0.023 W/kg;
M2/M1 [%]=58.0
Dist 3dB Peak [mm]=9.5



M50F01 LTE Band 25 20M QPSK 1RB50 26140CH Bottom side 10mm Ant0

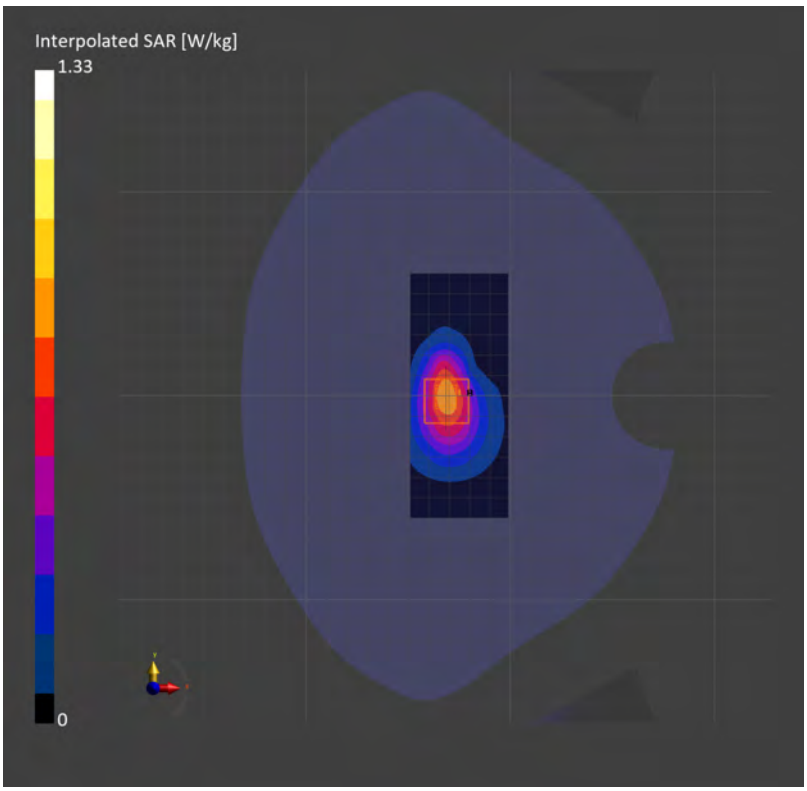
M50F01

Communication System: Band 25; Frequency: 1860.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1860.000 MHz; σ= 1.38 S/m; ε_r = 40.4

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(7.46, 7.33, 7.58); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 15.0 mm
SAR (1g) = 0.711 W/kg; SAR (10g) = 0.385 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 4.0 mm
Power Drift = 0.03 dB
SAR (1g) = 0.729 W/kg; SAR (10g) = 0.401 W/kg;
M2/M1 [%]=58.8
Dist 3dB Peak [mm]=10.8



M50F01 LTE Band 26 15M QPSK 1RB38 26865CH Back side 10mm Ant0

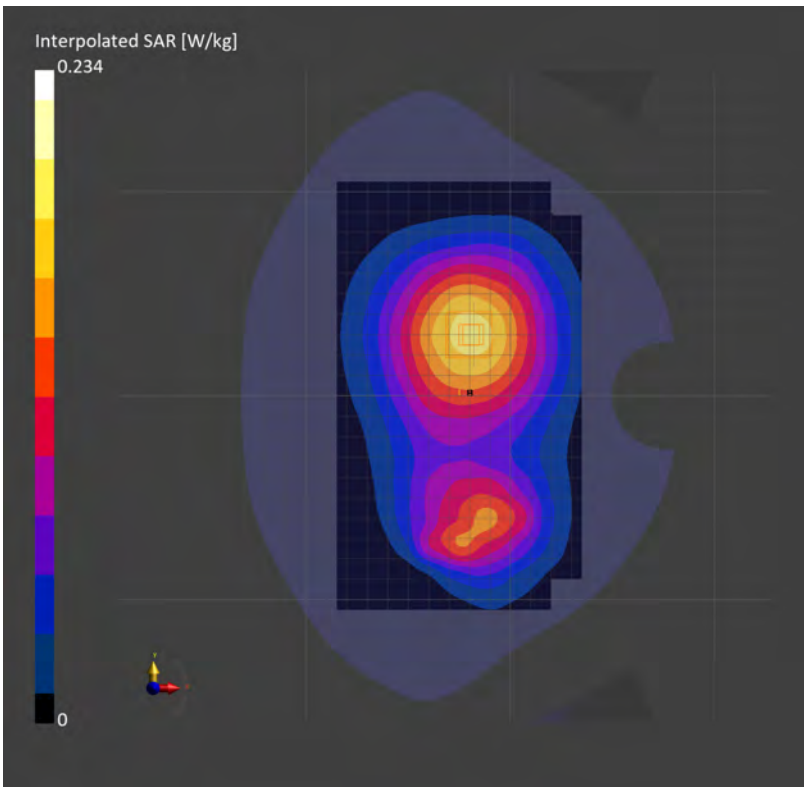
M50F01

Communication System: Band 26; Frequency: 831.500
Medium: Head Simulating Liquid. Medium parameters used: f= 831.500 MHz; σ= 0.928 S/m; ε_r = 40.2

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(8.81, 8.65, 8.94); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.163 W/kg; SAR (10g) = 0.114 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 4.0 mm
Power Drift = 0.03 dB
SAR (1g) = 0.171 W/kg; SAR (10g) = 0.129 W/kg;
M2/M1 [%]=76.3
Dist 3dB Peak [mm]=> 16.0



M50F01 LTE Band 41 20M QPSK 1RB0 41490CH Bottom side Ant0

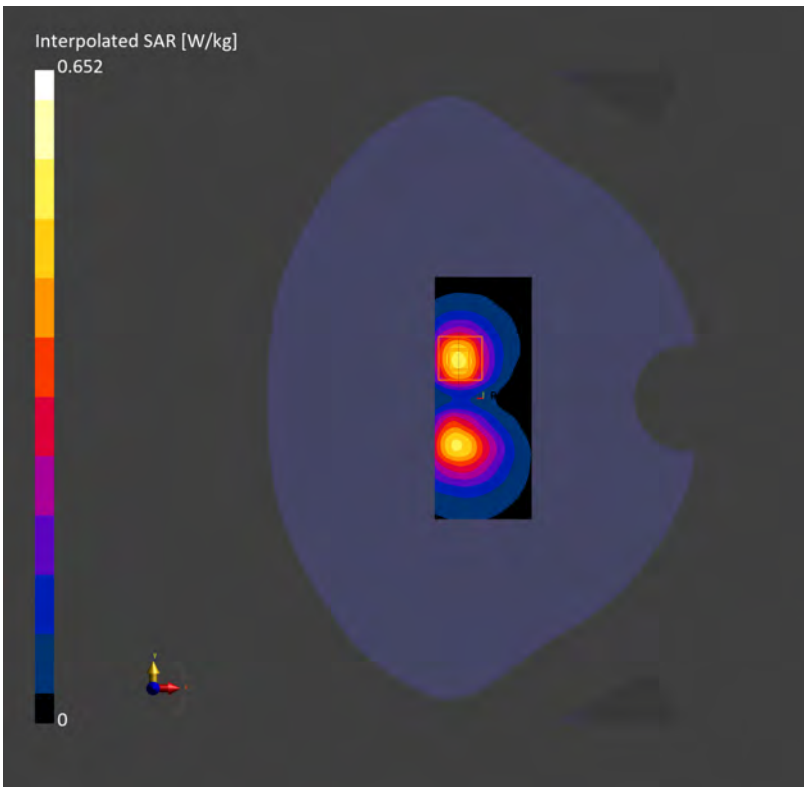
M50F01

Communication System: Band 41; Frequency: 2680.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2680.000 MHz; σ= 2.11 S/m; ε_r = 39.2

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(6.68, 6.56, 6.78); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 12.0 mm
SAR (1g) = 0.401 W/kg; SAR (10g) = 0.192 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) = 0.424 W/kg; SAR (10g) = 0.196 W/kg;
M2/M1 [%]=80.8
Dist 3dB Peak [mm]=10.8



M50F01 LTE Band 42 20M QPSK 1RB0 41690CH Back side 10mm Ant4

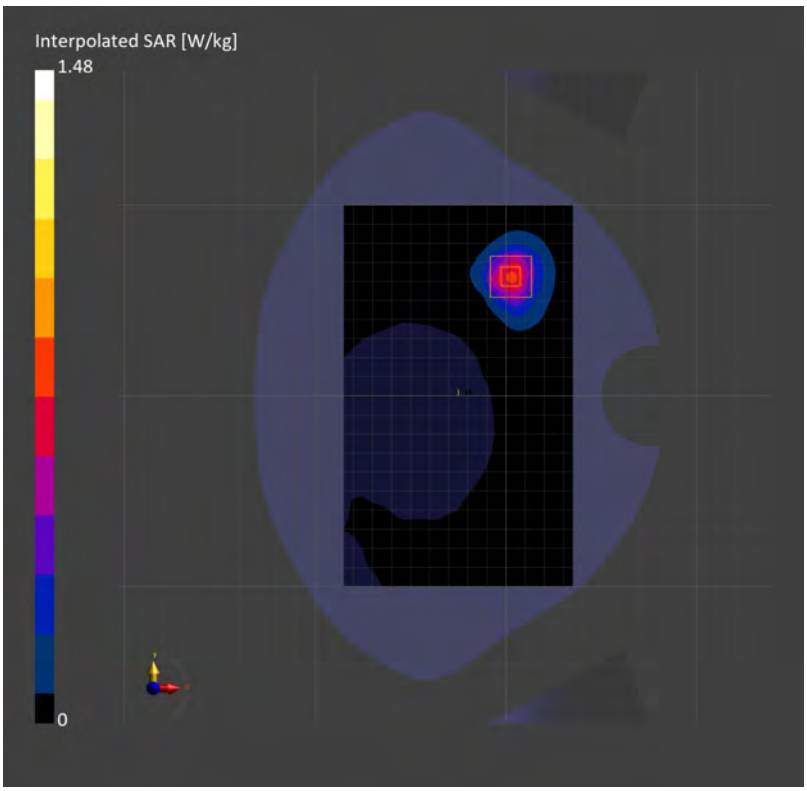
M50F01

Communication System: Band 42; Frequency: 3410.000
Medium: Head Simulating Liquid. Medium parameters used: f= 3410.000 MHz; σ= 2.91 S/m; ε_r = 38.6

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(6.52, 6.41, 6.62); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.586 W/kg; SAR (10g) = 0.254 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 3.0 mm
Power Drift = 0.00 dB
SAR (1g) = 0.611 W/kg; SAR (10g) = 0.253 W/kg;
M2/M1 [%]=55.7
Dist 3dB Peak [mm]=9.9



M50F01 LTE Band 43 20M QPSK 1RB0 44590CH Back side 10mm Ant4

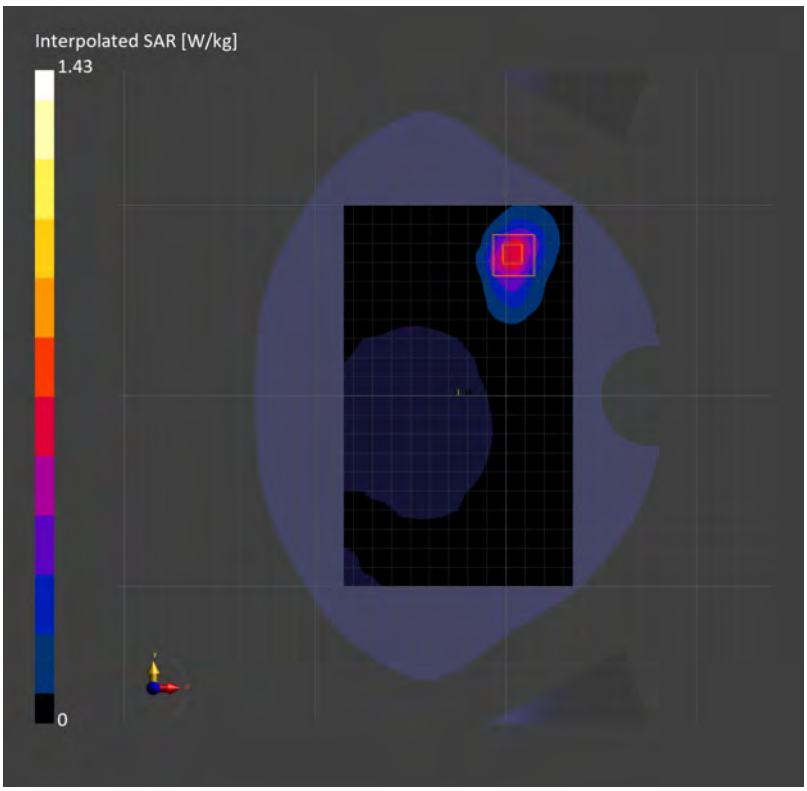
M50F01

Communication System: Band 43; Frequency: 3700.000
Medium: Head Simulating Liquid. Medium parameters used: f= 3700.000 MHz; σ= 3.25 S/m; ε_r = 37.7

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(6.48, 6.37, 6.58); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.541 W/kg; SAR (10g) = 0.234 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 3.0 mm
Power Drift = -0.03 dB
SAR (1g) = 0.567 W/kg; SAR (10g) = 0.229 W/kg;
M2/M1 [%]=55.4
Dist 3dB Peak [mm]=9.0



M50F01 LTE Band 48 20M QPSK 1RB50 55340CH Front side Accessories 0mm Ant4

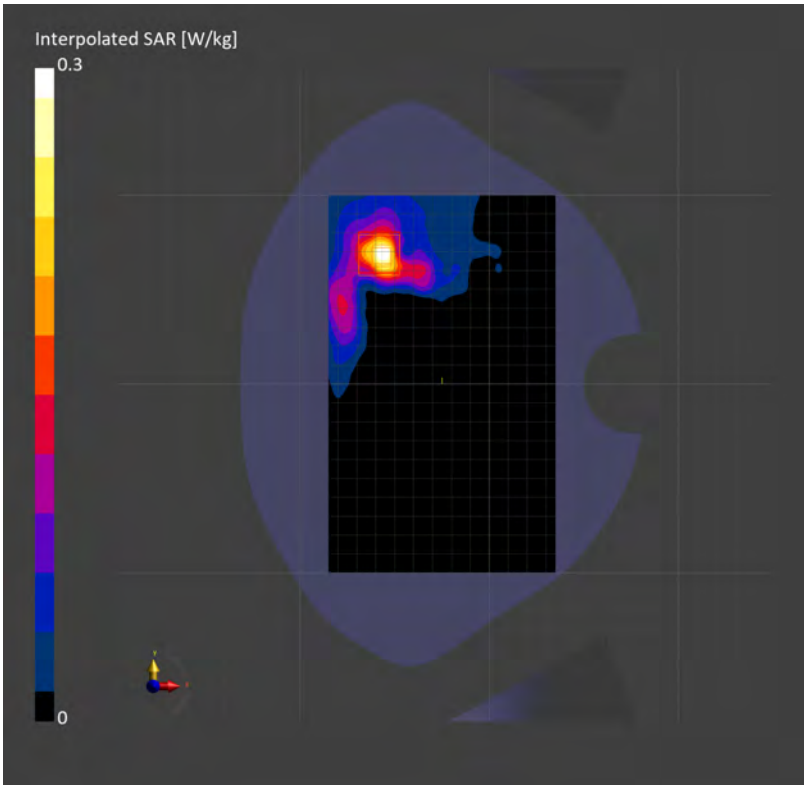
M50F01

Communication System: Band 48; Frequency: 3560.000
Medium: Head Simulating Liquid. Medium parameters used: f= 3560.000 MHz; σ= 2.98 S/m; ε_r = 39.8

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(6.52, 6.41, 6.62); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.215 W/kg; SAR (10g) = 0.085 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm
Power Drift = -0.08 dB
SAR (1g) = 0.239 W/kg; SAR (10g) = 0.086 W/kg;
M2/M1 [%]=67.8
Dist 3dB Peak [mm]=7.3



M50F01 LTE Band 48 20M QPSK 1RB50 55340CH Back side 10mm Ant4

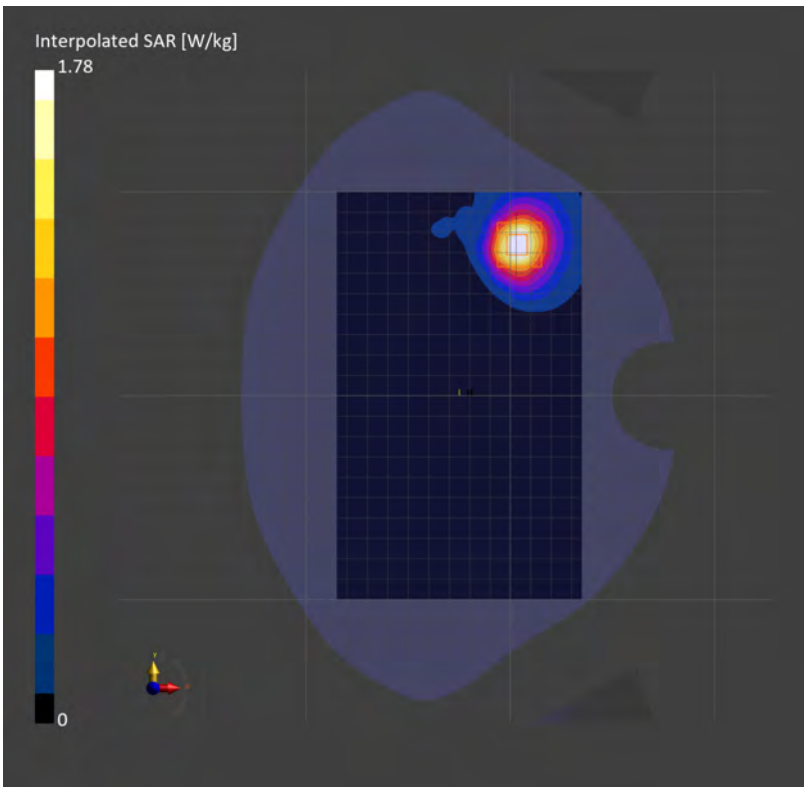
M50F01

Communication System: Band 48; Frequency: 3560.000
Medium: Head Simulating Liquid. Medium parameters used: f= 3560.000 MHz; σ= 3.09 S/m; ε_r = 38.2

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(6.52, 6.41, 6.62); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.710 W/kg; SAR (10g) = 0.315 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 3.0 mm
Power Drift = 0.08 dB
SAR (1g) = 0.725 W/kg; SAR (10g) = 0.311 W/kg;
M2/M1 [%]=54.9
Dist 3dB Peak [mm]=12.1



M50F01 LTE Band 66 20M QPSK 1RB99 132072CH Back side 10mm Ant0

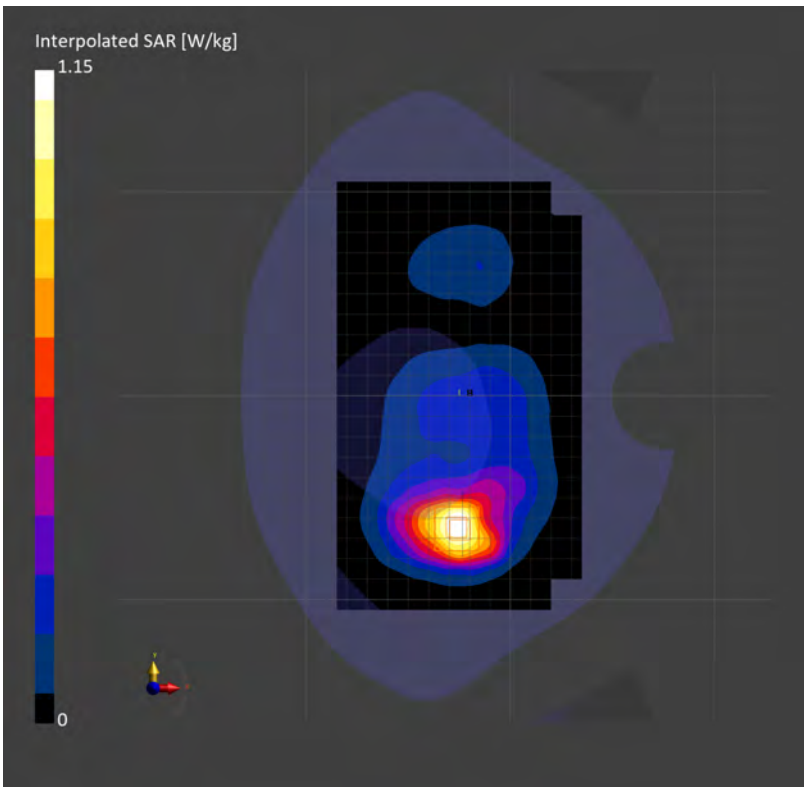
M50F01

Communication System: Band 66; Frequency: 1720.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1720.000 MHz; σ= 1.31 S/m; ε_r = 41.0

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(7.69, 7.55, 7.81); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.570 W/kg; SAR (10g) = 0.324 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 4.0 mm
Power Drift = 0.13 dB
SAR (1g) = 0.638 W/kg; SAR (10g) = 0.349 W/kg;
M2/M1 [%]=61.9
Dist 3dB Peak [mm]=12.9



M50F01 LTE Band 71 20M QPSK 1RB0 133297CH Back side 10mm Ant0

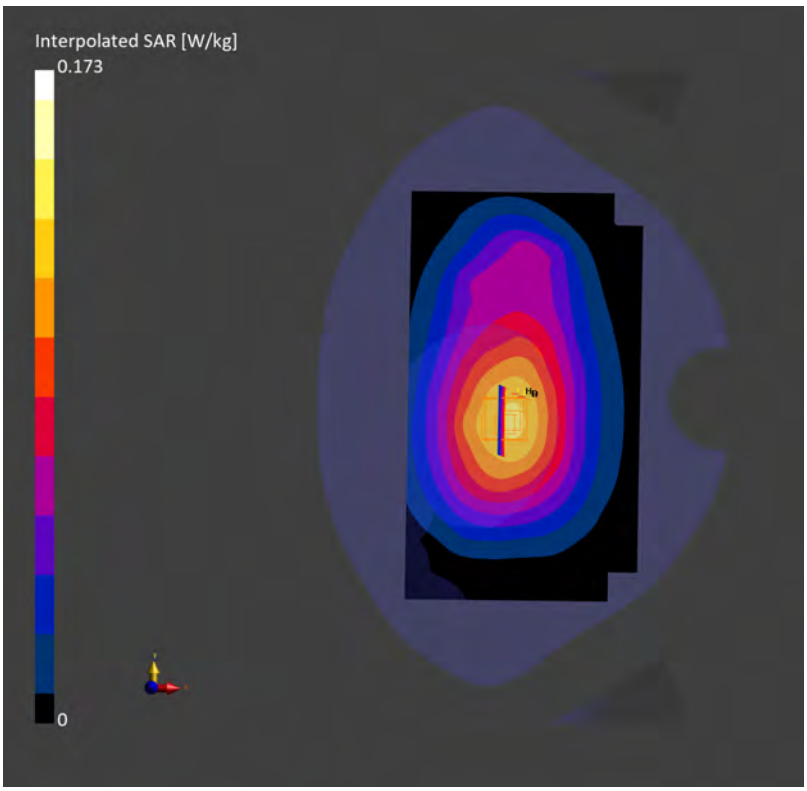
M50F01

Communication System: Band 71; Frequency: 680.500
Medium: Head Simulating Liquid. Medium parameters used: f= 680.500 MHz; σ= 0.880 S/m; ε_r = 40.6

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(9.01, 8.86, 9.15); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.118 W/kg; SAR (10g) = 0.084 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 4.0 mm
Power Drift = 0.03 dB
SAR (1g) = 0.123 W/kg; SAR (10g) = 0.094 W/kg;
M2/M1 [%]=75.1
Dist 3dB Peak [mm]=> 16.0



M50F01 5G NR N5 20M QPSK 50RB28 167300CH Back side 10mm Ant0

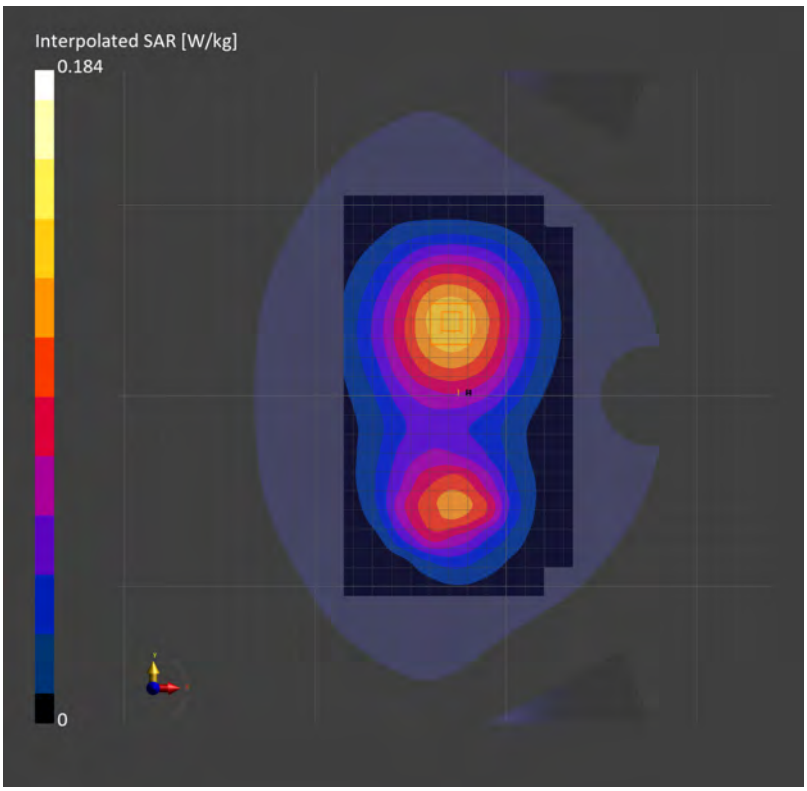
M50F01

Communication System: Band n5; Frequency: 836.500
Medium: Head Simulating Liquid. Medium parameters used: f= 836.500 MHz; σ= 0.931 S/m; ε_r = 40.2

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(8.81, 8.65, 8.94); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.120 W/kg; SAR (10g) = 0.084 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 = -0.04 dB
SAR (1g) = 0.127 W/kg; SAR (10g) = 0.096 W/kg;
M2/M1 [%]=85.8
Dist 3dB Peak [mm]=> 16.0



M50F01 5G NR N7 20M QPSK 1RB53 502000CH Bottom side 10mm Ant0

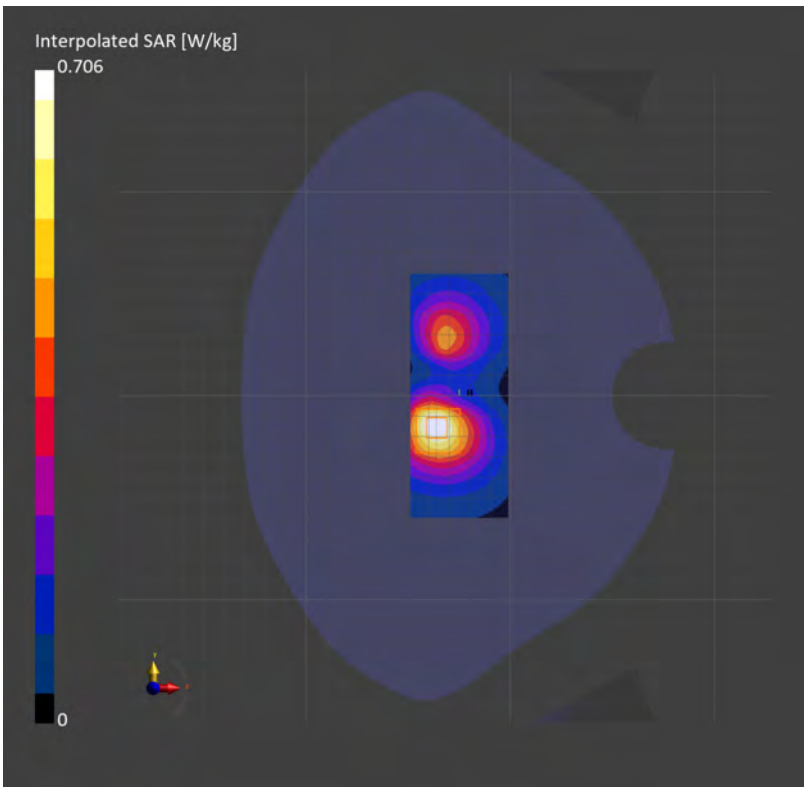
M50F01

Communication System: Band n7; Frequency: 2510.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2510.000 MHz; σ= 1.91 S/m; ε_r = 39.8

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(6.68, 6.56, 6.78); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 12.0 mm
SAR (1g) = 0.355 W/kg; SAR (10g) = 0.182 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 = -0.06 dB
SAR (1g) = 0.367 W/kg; SAR (10g) = 0.189 W/kg;
M2/M1 [%]=80.6
Dist 3dB Peak [mm]=13.5



M50F01 5G NR N12 15M QPSK 36RB22 141500CH Back side 10mm Ant0

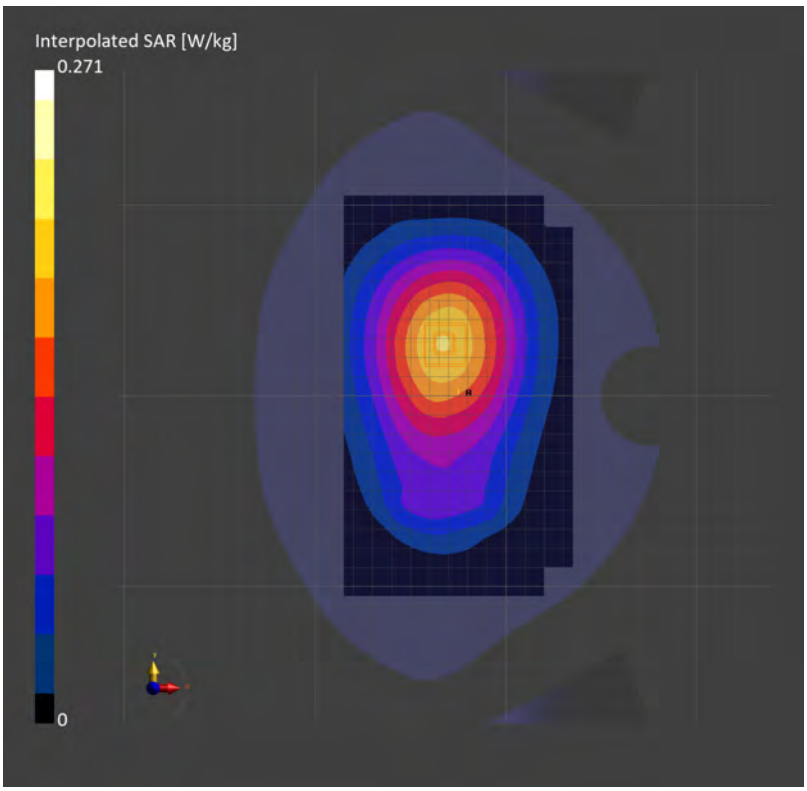
M50F01

Communication System: Band n12; Frequency: 707.500
Medium: Head Simulating Liquid. Medium parameters used: f= 707.500 MHz; σ= 0.887 S/m; ε_r = 40.6

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(9.01, 8.86, 9.15); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.181 W/kg; SAR (10g) = 0.129 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 = -0.06 dB
SAR (1g) = 0.190 W/kg; SAR (10g) = 0.147 W/kg;
M2/M1 [%]=86.1
Dist 3dB Peak [mm]=> 16.0



M50F01 5G NR N25 20M QPSK 1RB1 372000CH Bottom side 10mm Ant0

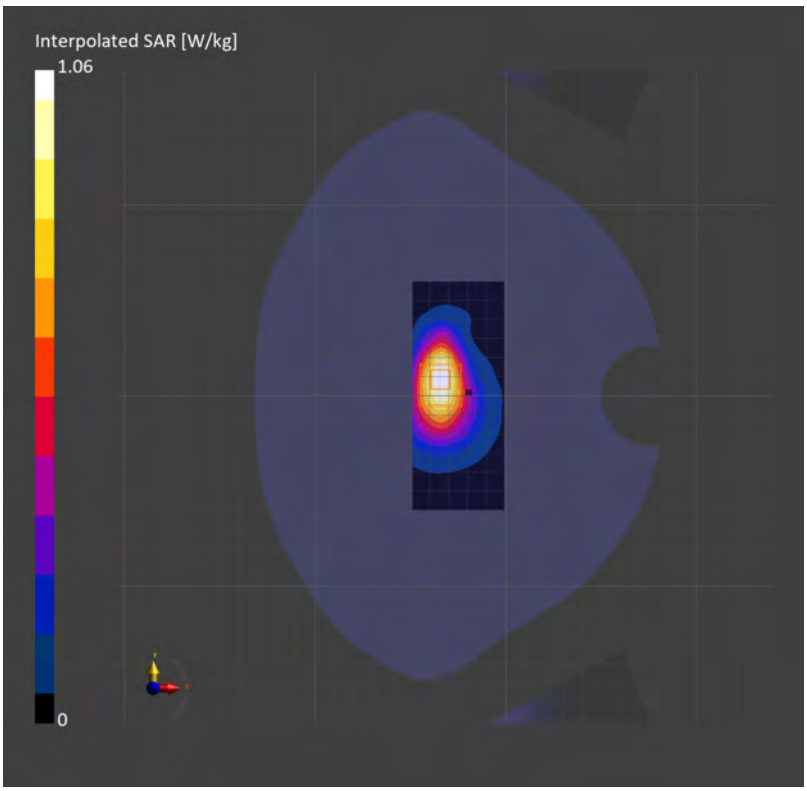
M50F01

Communication System: Band n25; Frequency: 1860.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1860.000 MHz; σ= 1.38 S/m; ε_r = 40.4

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(7.46, 7.33, 7.58); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 15.0 mm
SAR (1g) = 0.549 W/kg; SAR (10g) = 0.299 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 = 0.11 dB
SAR (1g) = 0.555 W/kg; SAR (10g) = 0.307 W/kg;
M2/M1 [%]=79.6
Dist 3dB Peak [mm]=10.8



M50F01 5G NR N41 100 QPSK 1RB271 518598CH Front side Accessories 0mm Ant0

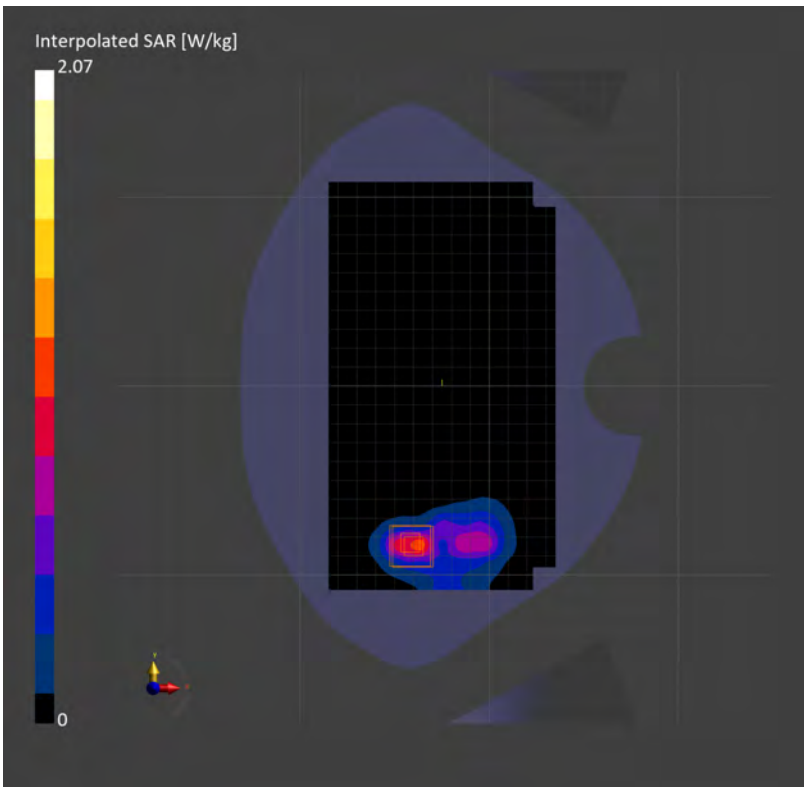
M50F01

Communication System: Band n41; Frequency: 2592.990
Medium: Head Simulating Liquid. Medium parameters used: f= 2592.990 MHz; σ= 1.98 S/m; ε_r = 40.1

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(6.68, 6.56, 6.78); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.821 W/kg; SAR (10g) = 0.358 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm
Power Drift = -0.07 dB
SAR (1g) = 0.927 W/kg; SAR (10g) = 0.379 W/kg;
M2/M1 [%]=79.1
Dist 3dB Peak [mm]=7.0



M50F01 5G NR N41 100M QPSK 1RB271 518598CH Bottom side 10mm Ant0

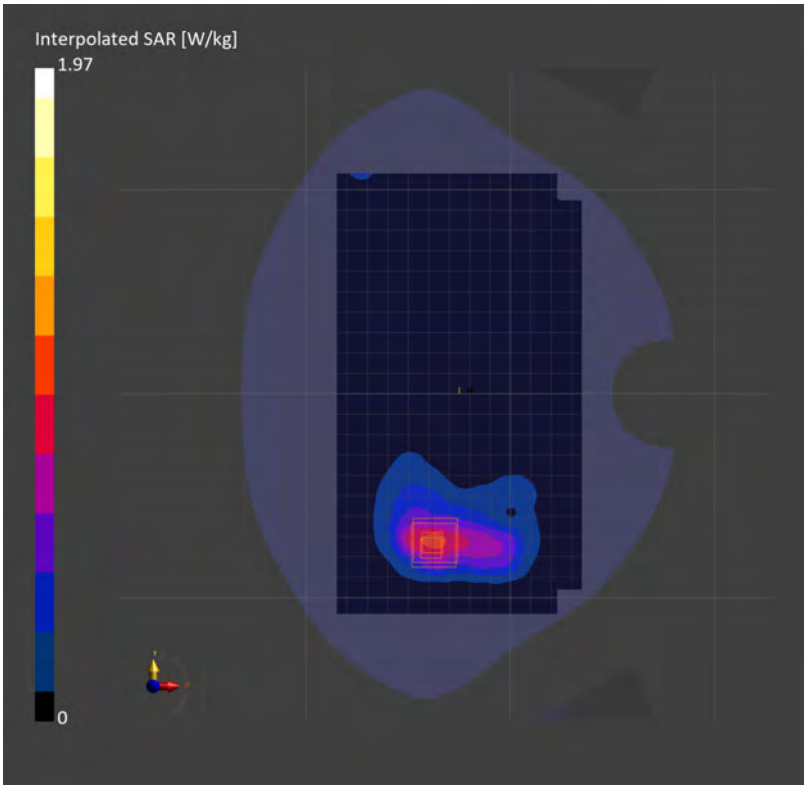
M50F01

Communication System: Band n41; Frequency: 2592.990
Medium: Head Simulating Liquid. Medium parameters used: f= 2592.990 MHz; σ= 2.01 S/m; ε_r = 39.5

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(6.68, 6.56, 6.78); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 216.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.829 W/kg; SAR (10g) = 0.417 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 4.0 mm
Power Drift = -0.10 dB
SAR (1g) = 0.980 W/kg; SAR (10g) = 0.453 W/kg;
M2/M1 [%]=58.5
Dist 3dB Peak [mm]=8.1



M50F01 5G NR N48 40M QPSK 1RB104 645322CH Back side 10mm Ant4

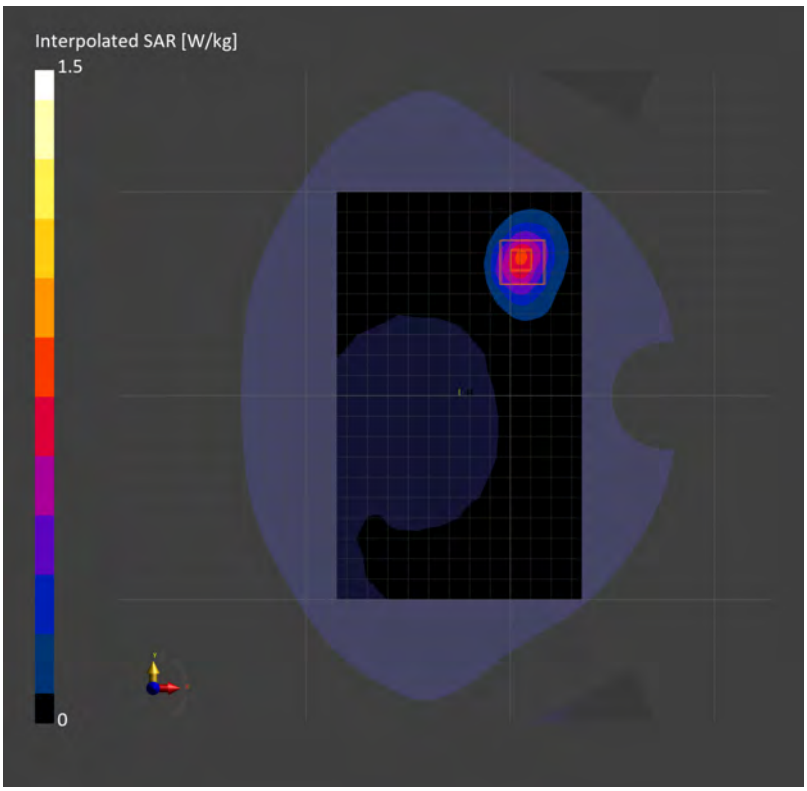
M50F01

Communication System: Band n48; Frequency: 3679.825
Medium: Head Simulating Liquid. Medium parameters used: f= 3679.825 MHz; σ= 3.23 S/m; ε_r = 37.8

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(6.48, 6.37, 6.58); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.583 W/kg; SAR (10g) = 0.248 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 3.0 mm
Power Drift = 0.02 dB
SAR (1g) = 0.591 W/kg; SAR (10g) = 0.242 W/kg;
M2/M1 [%]=53.1
Dist 3dB Peak [mm]=10.1



M50F01 5G NR N66 20M QPSK 1RB1 349000CH Bottom side 10mm Ant0

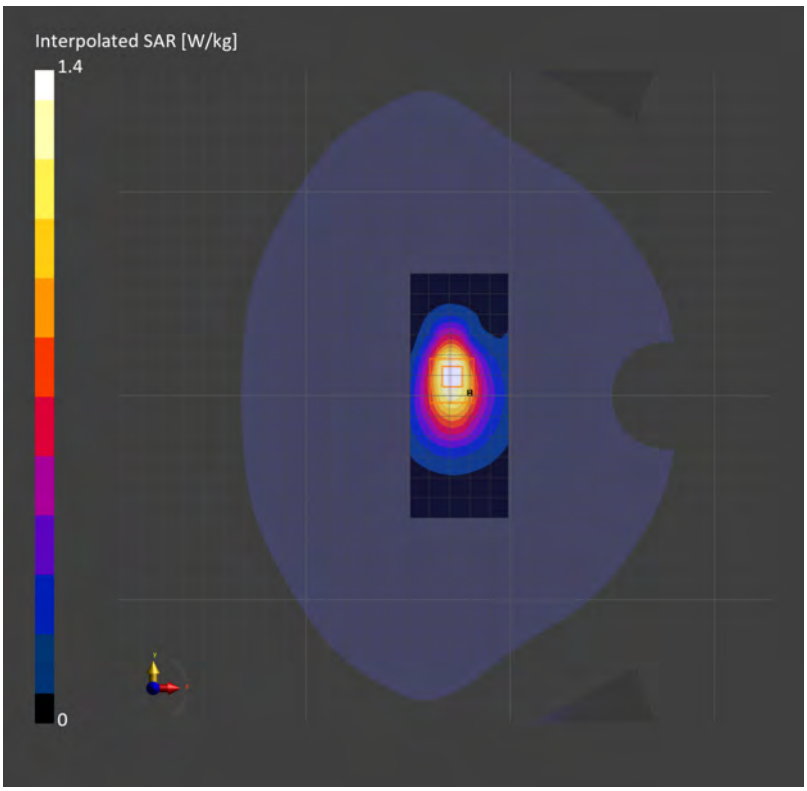
M50F01

Communication System: Band n66; Frequency: 1745.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1745.000 MHz; σ= 1.32 S/m; ε_r = 40.5

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(7.69, 7.55, 7.81); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 120.0 mm): Measurement Grid: 8.0 mm x 15.0 mm
SAR (1g) = 0.707 W/kg; SAR (10g) = 0.389 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) = 0.725 W/kg; SAR (10g) = 0.404 W/kg;
M2/M1 [%]=78.6
Dist 3dB Peak [mm]=10.8



M50F01 5G NR N71 20M QPSK 50RB28 136100CH Back side 10mm Ant0

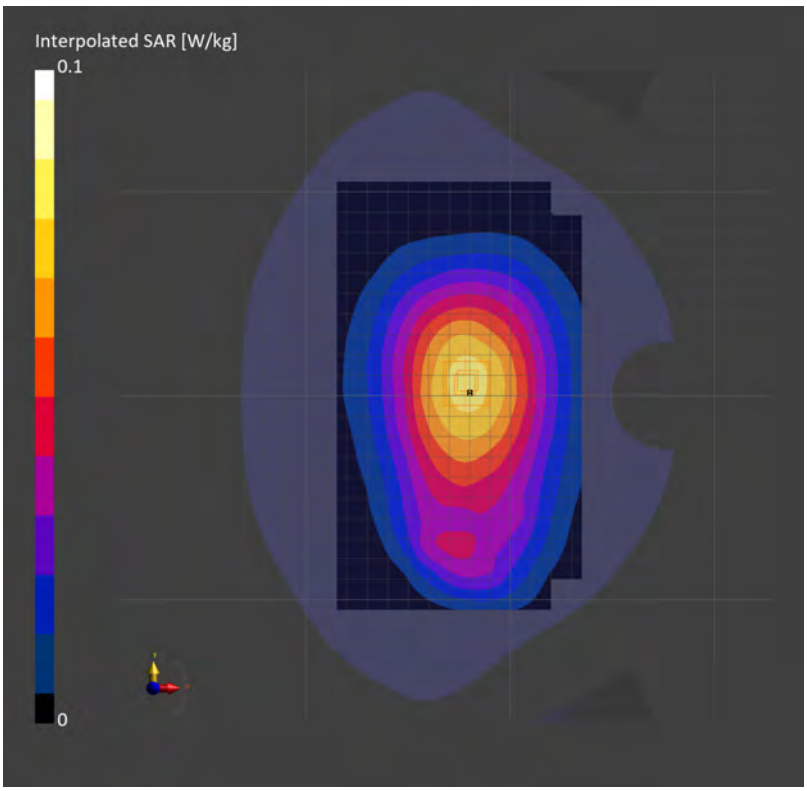
M50F01

Communication System: Band n71; Frequency: 680.500
Medium: Head Simulating Liquid. Medium parameters used: f= 680.500 MHz; σ= 0.880 S/m; ε_r = 40.6

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(9.01, 8.86, 9.15); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.070 W/kg; SAR (10g) = 0.050 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 4.0 mm
Power Drift = 0.00 dB
SAR (1g) = 0.072 W/kg; SAR (10g) = 0.056 W/kg;
M2/M1 [%]=76.4
Dist 3dB Peak [mm]=> 16.0



M50F01 5G NR N77 100M QPSK 1RB137 654800CH Back side 10mm Ant4

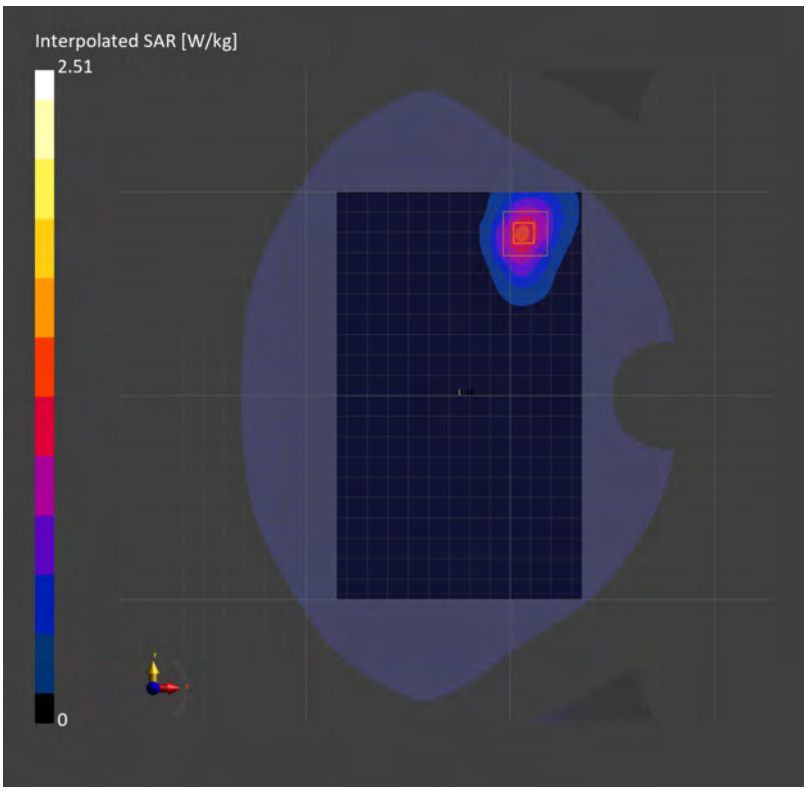
M50F01

Communication System: Band n77; Frequency: 3822.000
Medium: Head Simulating Liquid. Medium parameters used: f= 3822.000 MHz; σ= 3.39 S/m; ε_r = 37.3

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(6.35, 6.24, 6.45); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.620 W/kg; SAR (10g) = 0.274 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 3.0 mm
Power Drift = 0.04 dB
SAR (1g) = 0.636 W/kg; SAR (10g) = 0.271 W/kg;
M2/M1 [%]=52.4
Dist 3dB Peak [mm]=11.2



M50F01 WIFI 2.4G 802.11b 1CH Back side 10mm MIMO

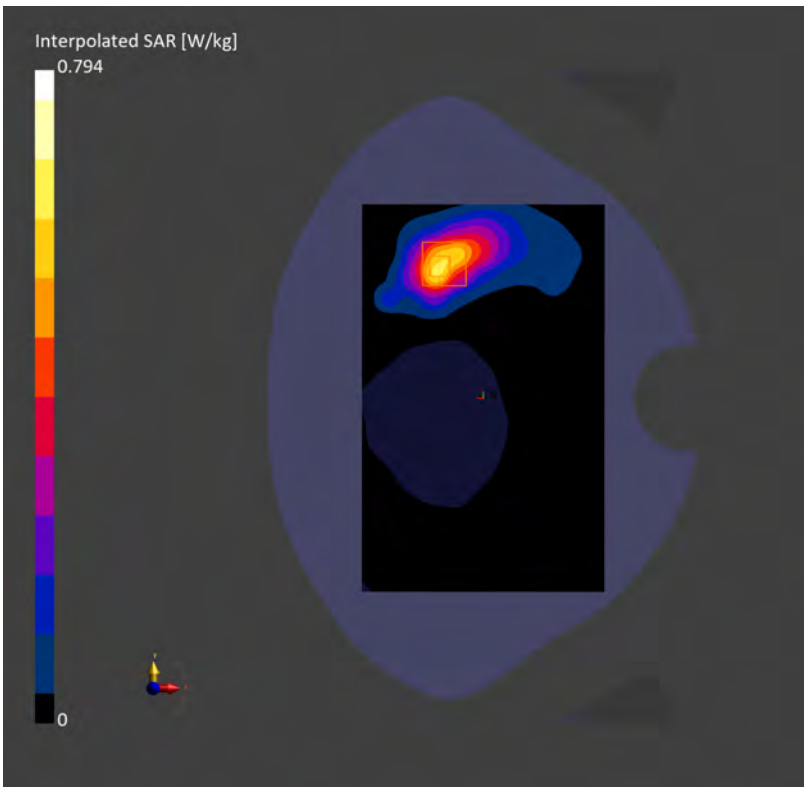
M50F01

Communication System: WLAN 2.4GHz; Frequency: 2412.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2412.000 MHz; σ= 1.73 S/m; ε_r = 40.2

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(6.85, 6.73, 6.96); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 192.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 0.497 W/kg; SAR (10g) = 0.256 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 4.0 mm
Power Drift = 0.01 dB
SAR (1g) = 0.510 W/kg; SAR (10g) = 0.261 W/kg;
M2/M1 [%]=57.2
Dist 3dB Peak [mm]=10.9



M50F01 WIFI 5G 802.11a 64CH Front side Accessories side 0mm Ant5

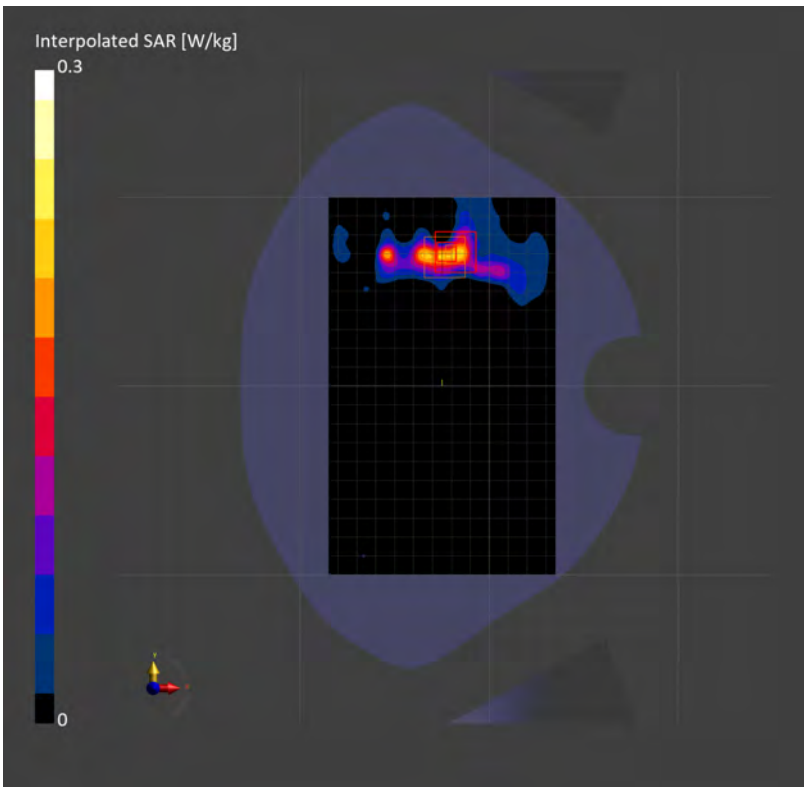
M50F01

Communication System: WLAN 5GHz; Frequency: 5320.000
Medium: Head Simulating Liquid. Medium parameters used: f= 5320.000 MHz; σ= 4.72 S/m; ε_r = 36.1

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(5.29, 5.2, 5.38); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.146 W/kg; SAR (10g) = 0.050 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 2.0 mm
Power Drift = 0.05 dB
SAR (1g) = 0.157 W/kg; SAR (10g) = 0.047 W/kg;
M2/M1 [%]=52.5
Dist 3dB Peak [mm]=5.6



M50F01 WIFI 5G 802.11a 64CH Front side Accessories side 0mm Ant6

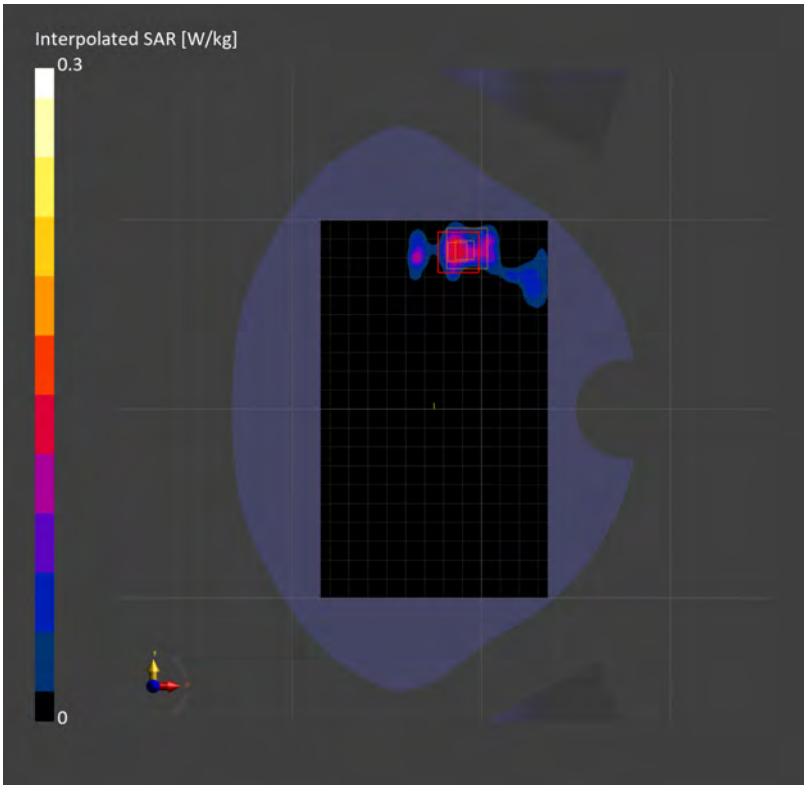
M50F01

Communication System: WLAN 5GHz; Frequency: 5320.000
Medium: Head Simulating Liquid. Medium parameters used: f= 5320.000 MHz; σ= 4.72 S/m; ε_r = 36.1

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(5.29, 5.2, 5.38); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.105 W/kg; SAR (10g) = 0.034 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 2.0 mm
Power Drift = 0.03 dB
SAR (1g) = 0.107 W/kg; SAR (10g) = 0.025 W/kg;
M2/M1 [%]=49.5
Dist 3dB Peak [mm]=5.0



M50F01 WIFI 5G 802.11n HT20 48CH Back side 10mm MIMO

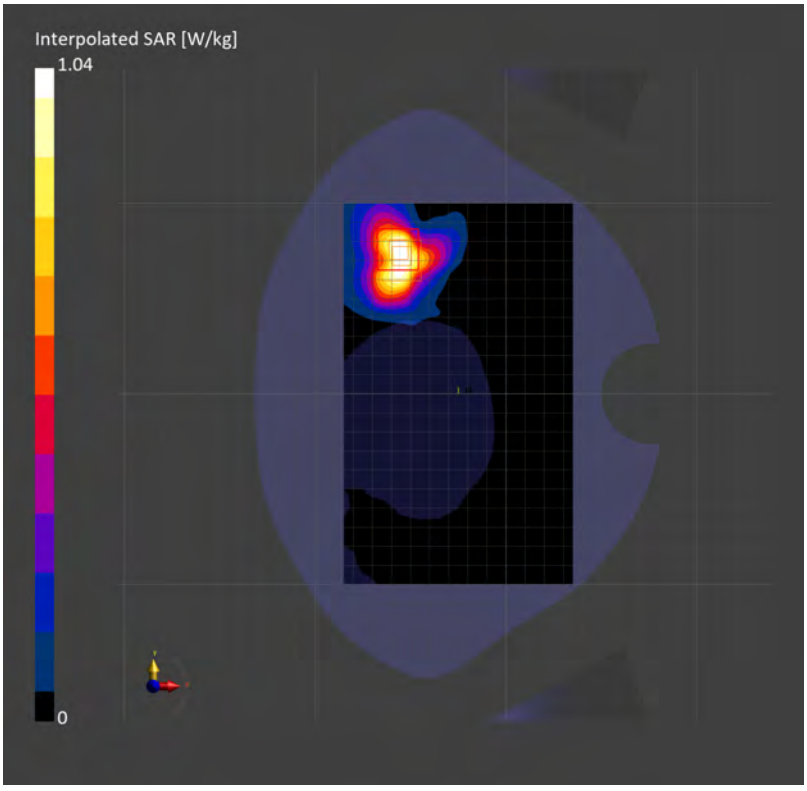
M50F01

Communication System: WLAN 5GHz; Frequency: 5240.000
Medium: Head Simulating Liquid. Medium parameters used: f= 5240.000 MHz; σ= 4.65 S/m; ε_r = 36.4

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(5.29, 5.2, 5.38); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.276 W/kg; SAR (10g) = 0.115 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 2.0 mm
Power Drift = 0.00 dB
SAR (1g) = 0.281 W/kg; SAR (10g) = 0.101 W/kg;
M2/M1 [%]=55.2
Dist 3dB Peak [mm]=8.3



M50F01 WIFI 5G 802.11a 140CH Back side 10mm MIMO

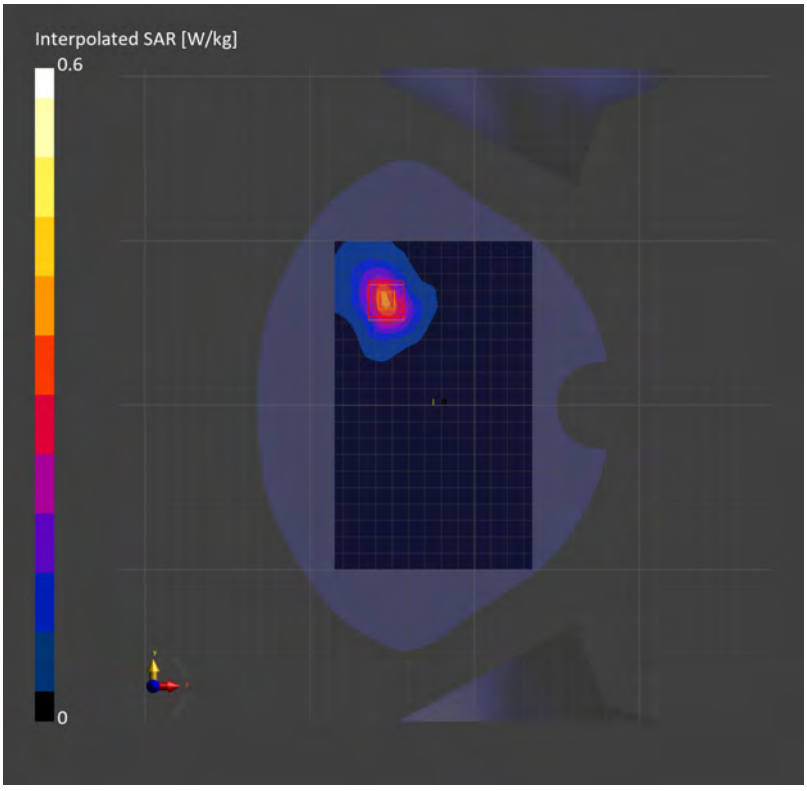
M50F01

Communication System: U-NII-2C Standalone; Frequency: 5700.000
Medium: Head Simulating Liquid. Medium parameters used: f= 5700.000 MHz; σ= 5.14 S/m; ε_r = 35.3

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(4.9, 4.82,4.98); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.272 W/kg; SAR (10g) = 0.107 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 = 0.08 dB
SAR (1g) = 0.284 W/kg; SAR (10g) = 0.105 W/kg;
M2/M1 [%]=59.8
Dist 3dB Peak [mm]=10.3



M50F01 WIFI 5G 802.11a 140CH Back side 0mm MIMO

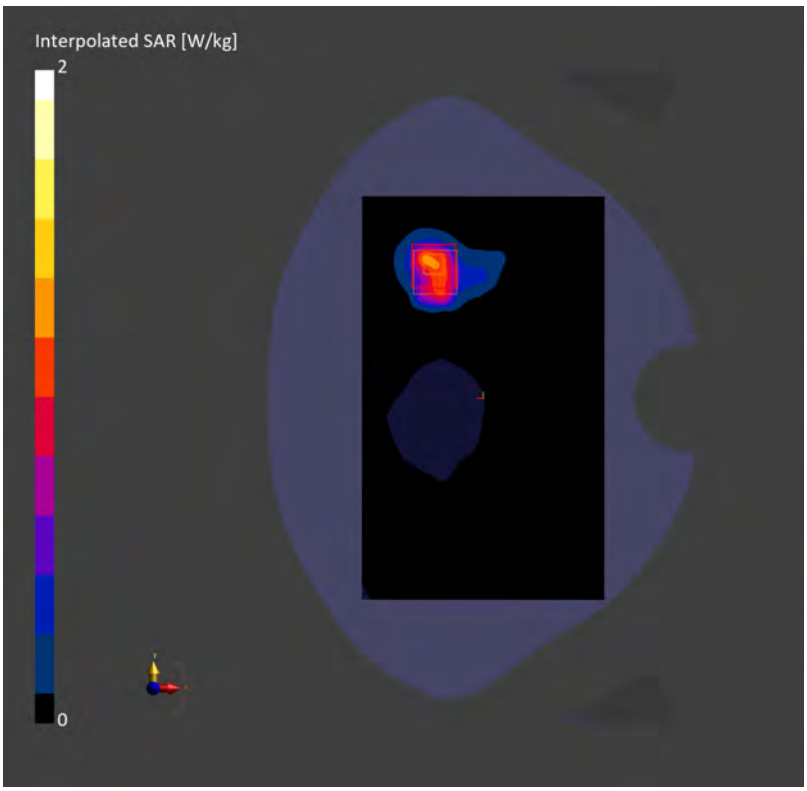
M50F01

Communication System: WLAN 5GHz; Frequency: 5700.000
Medium: Head Simulating Liquid. Medium parameters used: f= 5700.000 MHz; σ= 5.14 S/m; ε_r = 35.3

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(4.9, 4.82,4.98); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 200.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 0.905 W/kg; SAR (10g) = 0.344 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 = -0.05 dB
SAR (1g) = 1.54 W/kg; SAR (10g) = 0.371 W/kg;
M2/M1 [%]=62.5
Dist 3dB Peak [mm]=5.8



M50F01 WIFI 6E 802.11be EHT320 31CH Back side 10mm MIMO

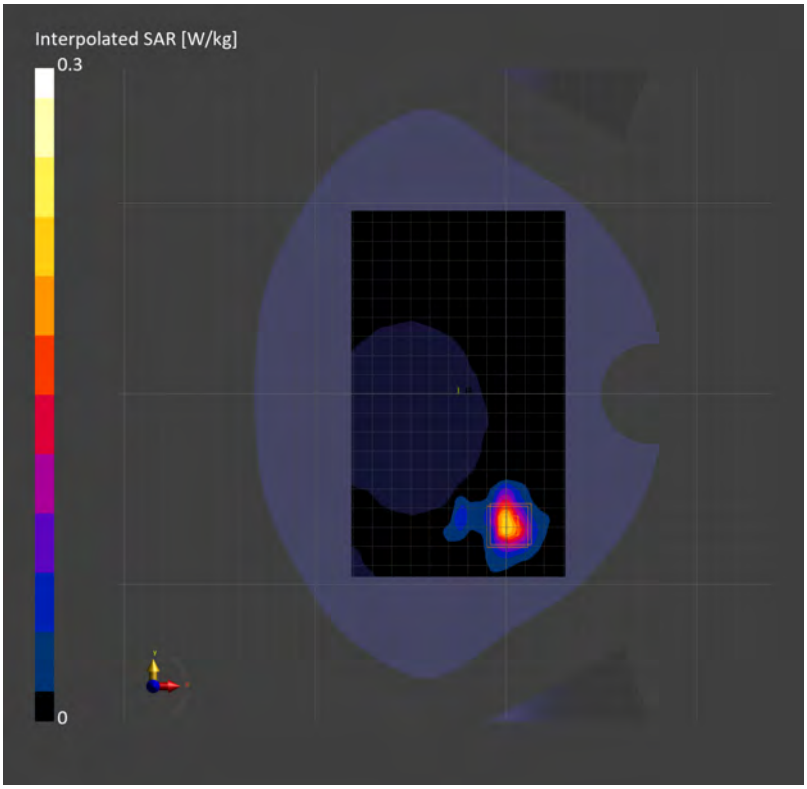
M50F01

Communication System: U-NII-5; Frequency: 6105.000
Medium: Head Simulating Liquid. Medium parameters used: f= 6105.000 MHz; σ= 5.71 S/m; ε_r = 35.2

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(5.15, 5.07,5.24); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (112.0 mm x 192.0 mm): Measurement Grid: 8.0 mm x 8.0 mm
SAR (1g) = 0.158 W/kg; SAR (10g) = 0.050 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 3.0 mm x 3.0 mm x 1.5 mm
Power Drift = 0.02 dB
SAR (1g) = 0.174 W/kg; SAR (8g) = 0.058 W/kg; SAR (10g) = 0.050 W/kg
psAPD (4.0cm2, sq) [W/m2]=1.15
M2/M1 [%]=47.8
Dist 3dB Peak [mm]=7.3



Test Laboratory:SGS-SAR Lab

M50F01 WIFI 6E 802.11be EHT320 31CH Back side 2mm
MIMO

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	DUT Type
M50F01,	158.2 x 77.9 x 8.0	Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 2.00	U-NII-5	WLAN, 10743-AAC	6105.0, 31	1.0

Hardware Setup

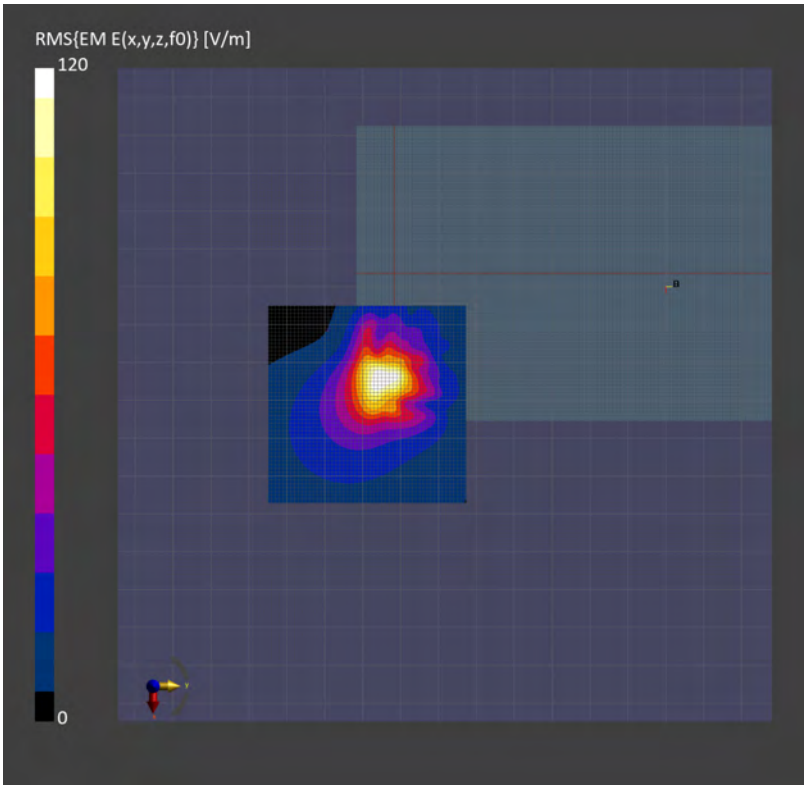
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1777	Air -	EUmmWV4 - SN9718_F1-55GHz, 2025-08-04	DAE4 Sn1245, 2025-09-08

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	50.0 x 50.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2026-04-14
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	2.85
psPDtot+ [W/m^2]	5.18
psPDmod+ [W/m^2]	7.16
E_{max} [V/m]	85.7
Power Drift [dB]	-0.02



M50F01 WIFI 6E 802.11be EHT320 31CH Back side 0mm MIMO

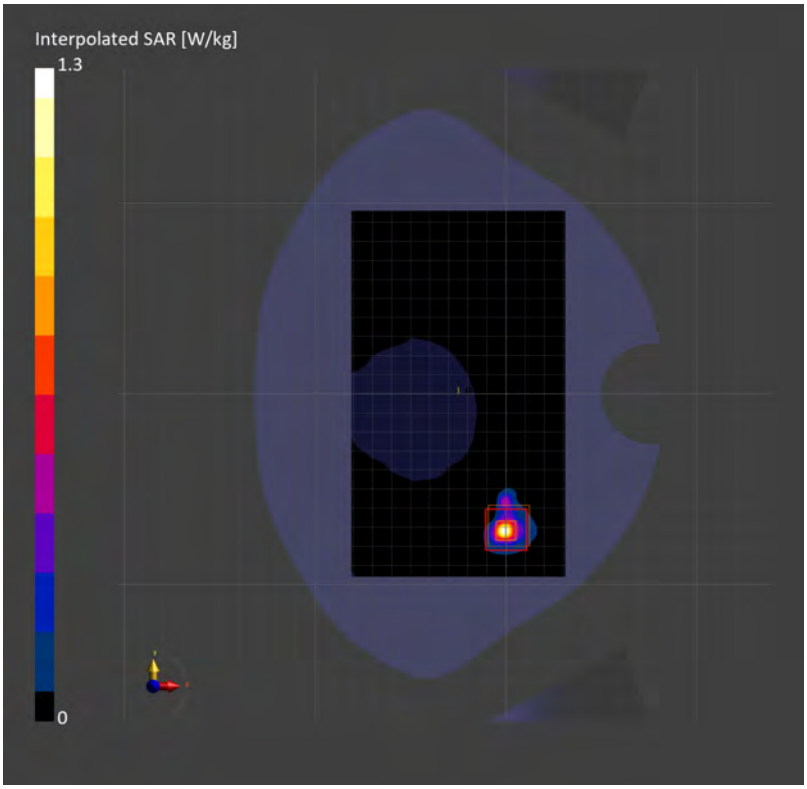
M50F01

Communication System: U-NII-5; Frequency: 6105.000
Medium: Head Simulating Liquid. Medium parameters used: f= 6105.000 MHz; σ= 5.71 S/m; ε_r = 35.2

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(5.15, 5.07,5.24); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (112.0 mm x 192.0 mm): Measurement Grid: 8.0 mm x 8.0 mm
SAR (1g) = 0.650 W/kg; SAR (10g) = 0.148 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 3.0 mm x 3.0 mm x 1.5 mm
Power Drift = 0.13 dB
SAR (1g) = 0.703 W/kg; SAR (8g) = 0.170 W/kg; SAR (10g) = 0.143 W/kg
psAPD (4.0cm2, sq) [W/m2]=3.40
M2/M1 [%]=46.1
Dist 3dB Peak [mm]=4.9



M50F01 Bluetooth DH5 39CH Right side 10mm Ant6

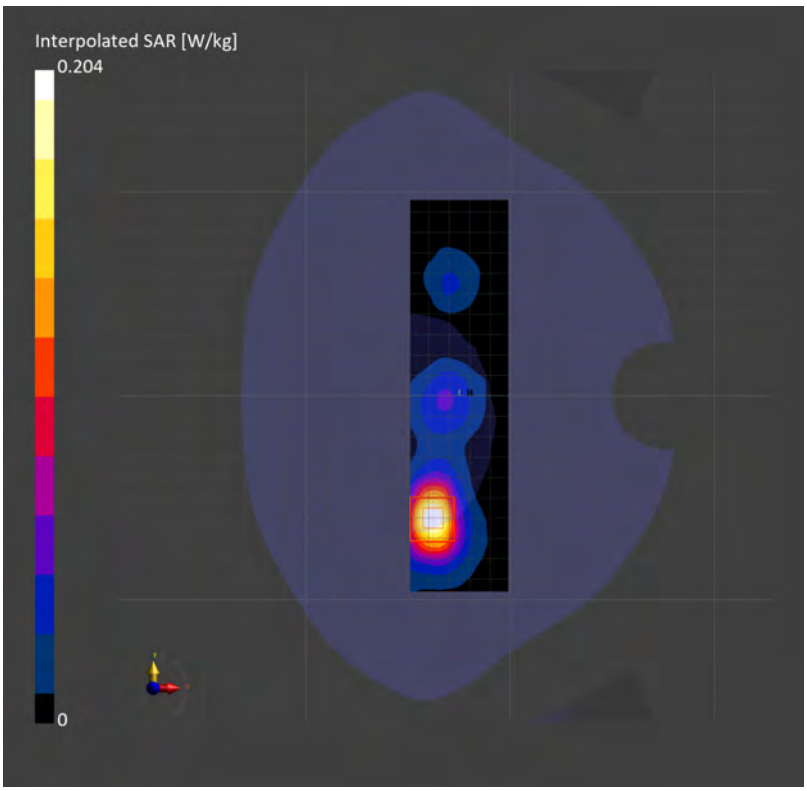
M50F01

Communication System: ISM 2.4 GHz Band; Frequency: 2441.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2441.000 MHz; σ= 1.77 S/m; ε_r = 40.2

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(6.85, 6.73,6.96); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (48.0 mm x 192.0 mm): Measurement Grid: 8.0 mm x 12.0 mm
SAR (1g) = 0.096 W/kg; SAR (10g) = 0.046 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) = 0.100 W/kg; SAR (10g) = 0.046 W/kg;
M2/M1 [%]=80.8
Dist 3dB Peak [mm]=9.5

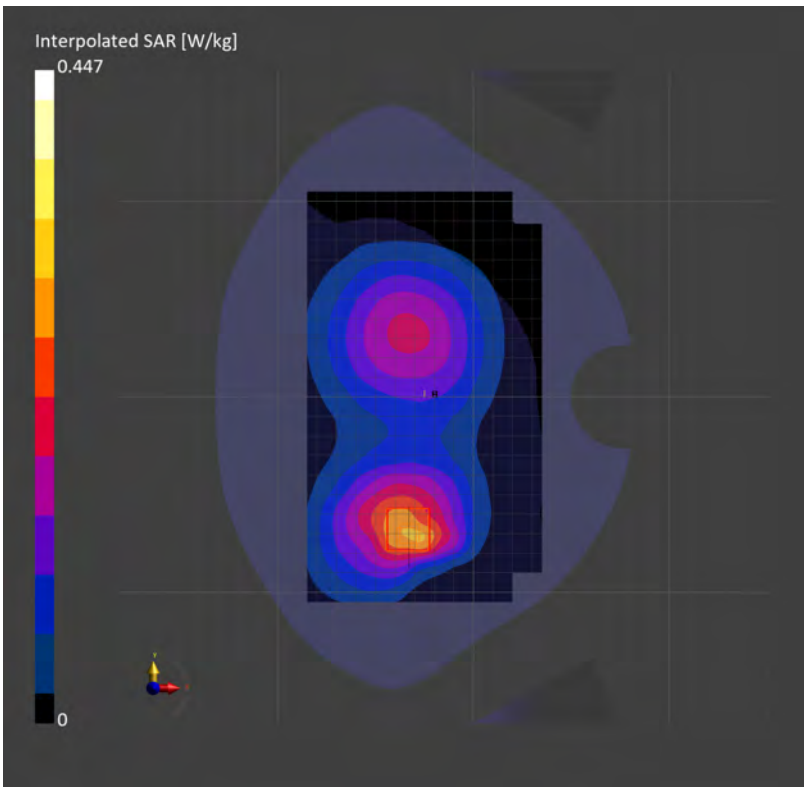


M50F01 RFID 927.25MHz Back side 10mm Ant0

M50F01

Communication System: Custom Band; Frequency: 927.25
Medium: Head Simulating Liquid. Medium parameters used: f= 927.250 MHz; σ= 0.962 S/m; ε_r = 42.7

DASY8 Configuration:
- Probe: EX3DV4 - SN3826; ConvF(8.81, 8.65,8.94); Calibrated: 2025-07-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1245; Calibrated: 2025-09-08
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.266 W/kg; SAR (10g) = 0.175 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 4.0 mm
Power Drift = 0.02 dB
SAR (1g) = 0.259 W/kg; SAR (10g) = 0.165 W/kg;
M2/M1 [%]=62.7
Dist 3dB Peak [mm]=14.5