



Appendix B

Detailed Test Results

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BT
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NFC

Test Laboratory: SGS-SAR Lab

EMC-HRPR1.3 LTE Band 7 20M QPSK 1RB0 Ch21100 Front side 0mm

DUT: EMC-HRPR1.3; Type: Mobile POS; Serial: 352461799000854

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium: HSL2600;Medium parameters used: $f = 2535$ MHz; $\sigma = 1.885$ S/m; $\epsilon_r = 38.998$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(7.85, 7.85, 7.85); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (10x18x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 3.58 W/kg

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

Reference Value = 3.401 V/m; Power Drift = 0.06 dB

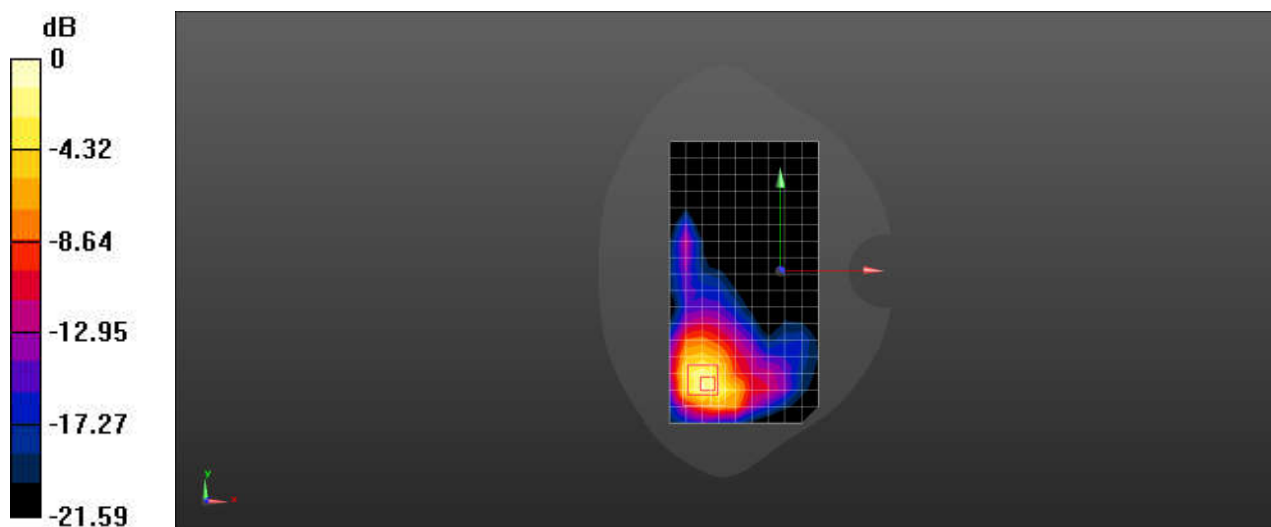
Peak SAR (extrapolated) = 6.17 W/kg

SAR(1 g) = 2.41 W/kg; SAR(10 g) = 1.15 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 40.2%

Maximum value of SAR (measured) = 4.43 W/kg



0 dB = 4.43 W/kg = 6.46 dBW/kg

Test Laboratory: SGS-SAR Lab

EMC-HRPR1.3 LTE Band 12 10M QPSK 1RB0 Ch23095 Front side 0mm

DUT: EMC-HRPR1.3; Type: Mobile POS; Serial: 352461799000854

Communication System: UID 0, LTE-FDD BW 10MHz (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 42.762$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(10.76, 10.76, 10.76); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.62 W/kg

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

Reference Value = 8.680 V/m; Power Drift = 0.07 dB

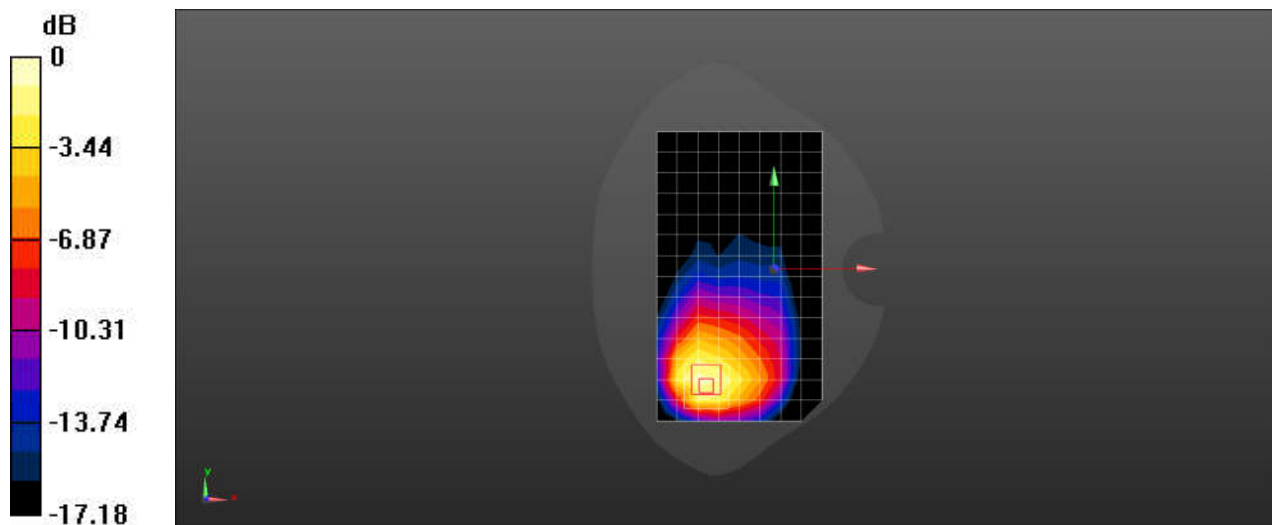
Peak SAR (extrapolated) = 2.58 W/kg

SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.756 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 42.5%

Maximum value of SAR (measured) = 1.85 W/kg



0 dB = 1.85 W/kg = 2.67 dBW/kg

Test Laboratory: SGS-SAR Lab

EMC-HRPR1.3 LTE Band 13 10M QPSK 1RB0 Ch23230 Front side 0mm

DUT: EMC-HRPR1.3; Type: Mobile POS; Serial: 352461799000854

Communication System: UID 0, LTE-FDD BW 10MHz (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.886 \text{ S/m}$; $\epsilon_r = 41.963$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(10.76, 10.76, 10.76); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 2.20 W/kg

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

Reference Value = 7.996 V/m ; Power Drift = 0.04 dB

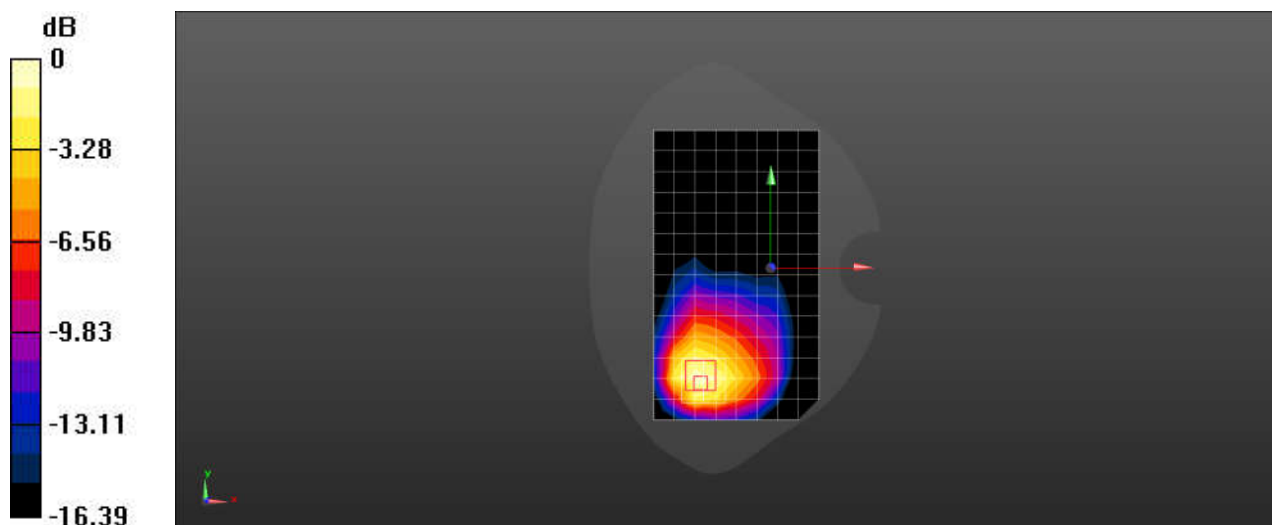
Peak SAR (extrapolated) = 3.44 W/kg

SAR(1 g) = 1.66 W/kg ; SAR(10 g) = 1.01 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 46.1%

Maximum value of SAR (measured) = 2.39 W/kg



0 dB = $2.39 \text{ W/kg} = 3.78 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

EMC-HRPR1.3 LTE Band 25 20M QPSK 1RB0 Ch26365 Front side 0mm

DUT: EMC-HRPR1.3; Type: Mobile POS; Serial: 352461799000854

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL1950; Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.335$ S/m; $\epsilon_r = 39.455$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(8.6, 8.6, 8.6); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x15x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 6.30 W/kg

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

Reference Value = 0.8350 V/m; Power Drift = 0.03 dB

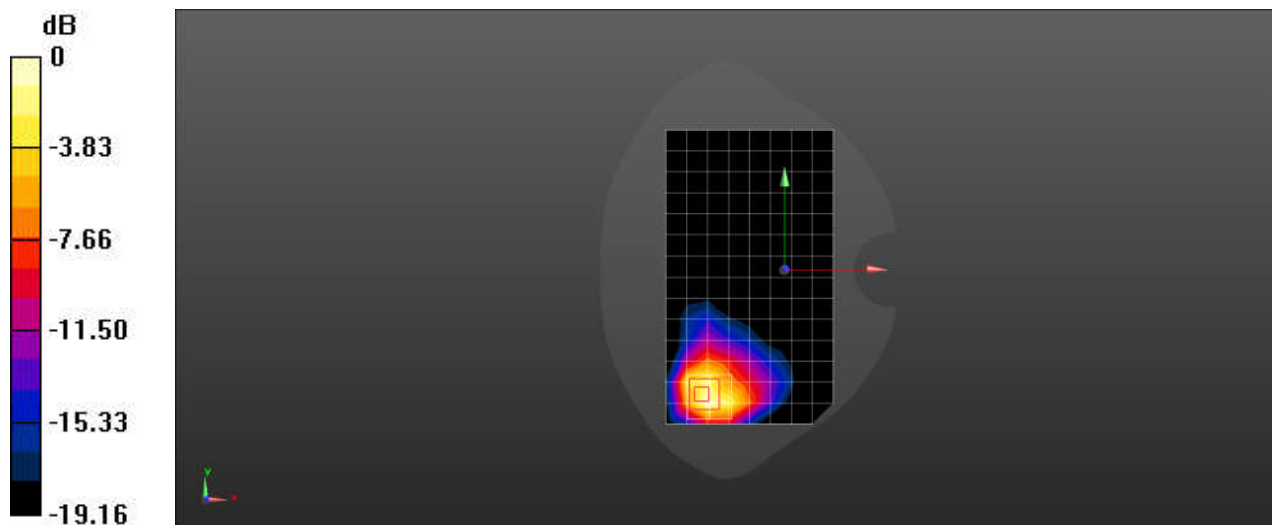
Peak SAR (extrapolated) = 8.78 W/kg

SAR(1 g) = 4.19 W/kg; SAR(10 g) = 2.05 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 47.5%

Maximum value of SAR (measured) = 6.33 W/kg



Test Laboratory: SGS-SAR Lab

EMC-HRPR1.3 LTE Band 26 15M QPSK 1RB0 Ch26865 Front side 0mm

DUT: EMC-HRPR1.3; Type: Mobile POS; Serial: 352461799000854

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 831.5 MHz;Duty Cycle: 1:1

Medium: HSL835;Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 42.401$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(10.34, 10.34, 10.34); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.53 W/kg

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

Reference Value = 7.018 V/m; Power Drift = 0.08 dB

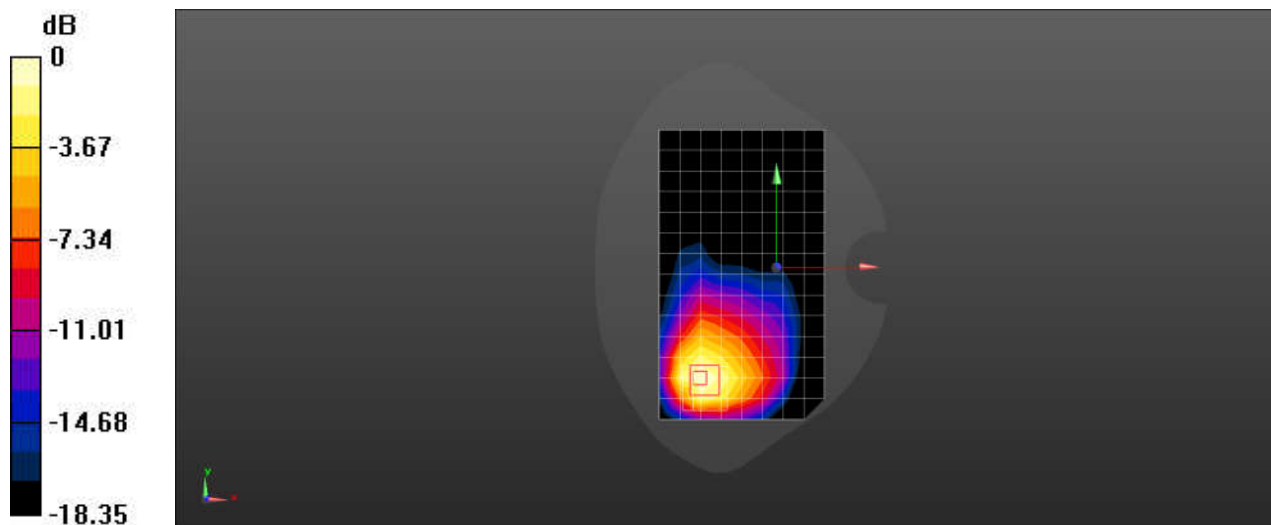
Peak SAR (extrapolated) = 3.56 W/kg

SAR(1 g) = 1.75 W/kg; SAR(10 g) = 1.02 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 44.5%

Maximum value of SAR (measured) = 2.51 W/kg



0 dB = 2.51 W/kg = 4.00 dBW/kg

Test Laboratory: SGS-SAR Lab

EMC-HRPR1.3 LTE Band 41 20M QPSK 1RB0 Ch40620 Front side 0mm

DUT: EMC-HRPR1.3; Type: Mobile POS; Serial: 352461799000854

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium: HSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 1.951$ S/m; $\epsilon_r = 38.77$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(7.85, 7.85, 7.85); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 2.64 W/kg

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

Reference Value = 2.069 V/m; Power Drift = 0.05 dB

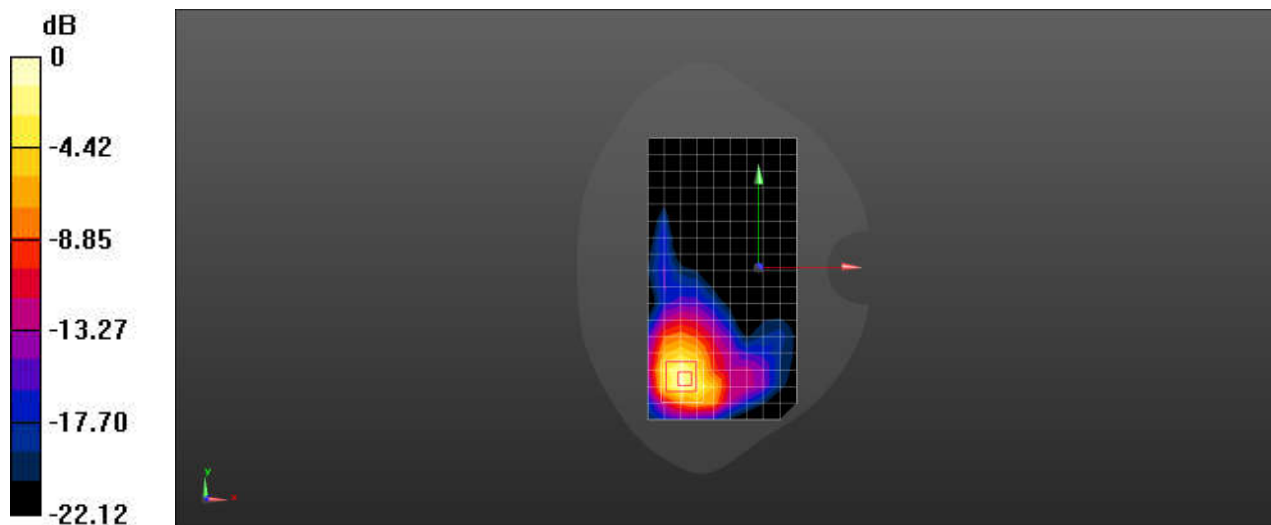
Peak SAR (extrapolated) = 4.52 W/kg

SAR(1 g) = 1.76 W/kg; SAR(10 g) = 0.830 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 37.4%

Maximum value of SAR (measured) = 3.16 W/kg



Test Laboratory: SGS-SAR Lab

EMC-HRPR1.3 LTE Band 66 20M QPSK 1RB0 Ch132322 Front side 0mm

DUT: EMC-HRPR1.3; Type: Mobile POS; Serial: 352461799000854

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium: HSL1750;Medium parameters used: $f = 1745$ MHz; $\sigma = 1.324$ S/m; $\epsilon_r = 39.076$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(8.95, 8.95, 8.95); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.06 W/kg

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

Reference Value = 2.589 V/m; Power Drift = 0.07 dB

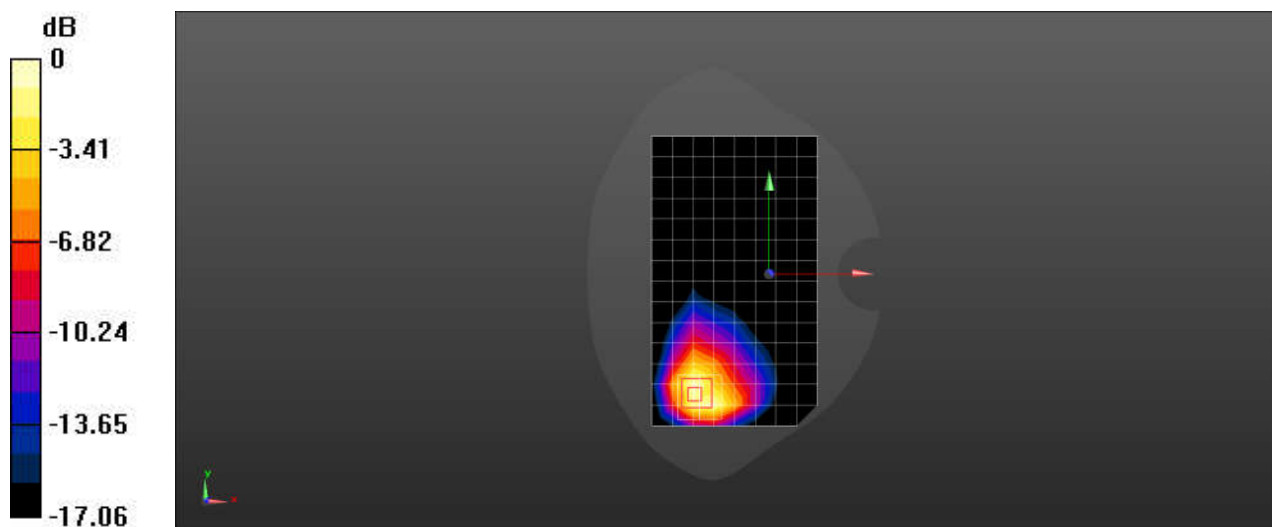
Peak SAR (extrapolated) = 4.32 W/kg

SAR(1 g) = 2.2 W/kg; SAR(10 g) = 1.19 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 50.1%

Maximum value of SAR (measured) = 3.39 W/kg



0 dB = 3.39 W/kg = 5.30 dBW/kg

Test Laboratory: SGS-SAR Lab

EMC-HRPR1.3 WIFI2.4G 802.11b Ch11 Right side 0mm

DUT: EMC-HRPR1.3; Type: Mobile POS; Serial: 352461799000854

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz;Duty Cycle: 1:1.01

Medium: HSL2450;Medium parameters used: $f = 2462$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 38.977$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(8.03, 8.03, 8.03); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (10x18x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.35 W/kg

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

Reference Value = 6.315 V/m; Power Drift = 0.10 dB

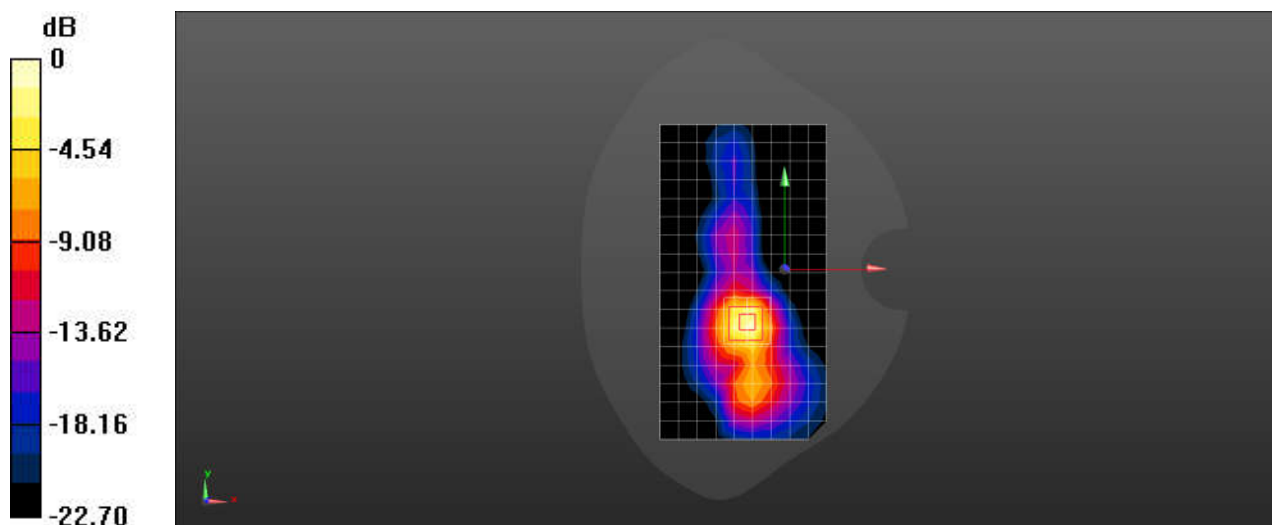
Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 0.931 W/kg; SAR(10 g) = 0.410 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 48.1%

Maximum value of SAR (measured) = 1.60 W/kg



Test Laboratory: SGS-SAR Lab

EMC-HRPR1.3 WIFI5G 802.11a Ch165 Right side 0mm

DUT: EMC-HRPR1.3; Type: Mobile POS; Serial: 352461799000854

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5825 MHz; Duty Cycle: 1:1.017

Medium: HSL5000; Medium parameters used: $f = 5825$ MHz; $\sigma = 5.389$ S/m; $\epsilon_r = 35.357$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(5.21, 5.21, 5.21); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (9x22x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 8.80 W/kg

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

Reference Value = 1.844 V/m; Power Drift = -0.03 dB

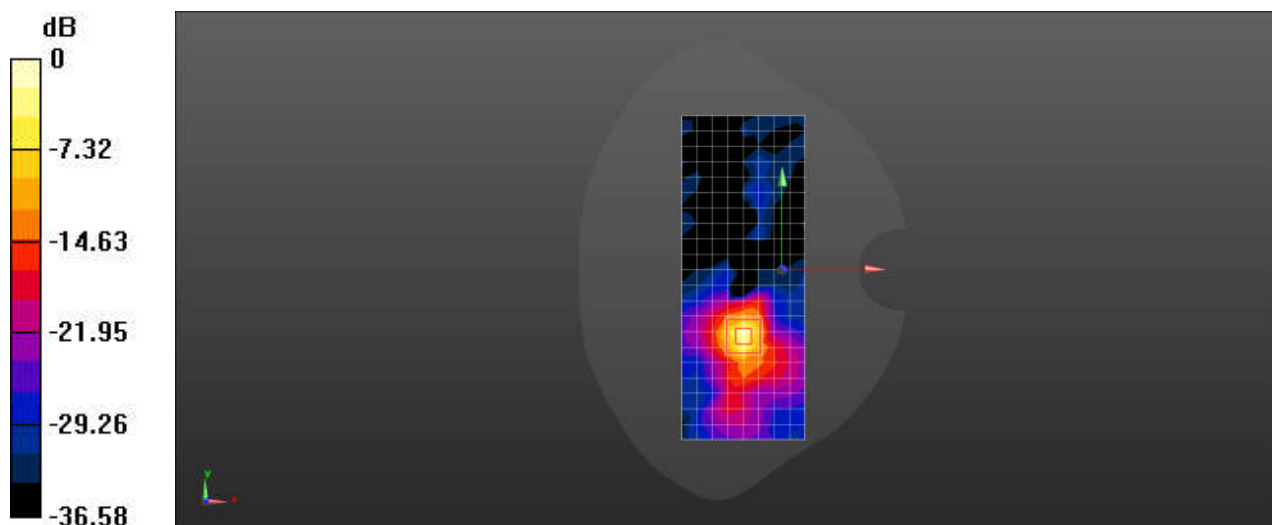
Peak SAR (extrapolated) = 17.6 W/kg

SAR(1 g) = 3.95 W/kg; SAR(10 g) = 0.903 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 65.2%

Maximum value of SAR (measured) = 11.0 W/kg



0 dB = 11.0 W/kg = 10.41 dBW/kg

Test Laboratory: SGS-SAR Lab

EMC-HRPR1.3 Bluetooth 3DH5 Ch0 Right side 0mm

DUT: EMC-HRPR1.3; Type: Mobile POS; Serial: 352461799000854

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.288

Medium: HSL2450; Medium parameters used: $f = 2402$ MHz; $\sigma = 1.732$ S/m; $\epsilon_r = 39.21$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7767; ConvF(8.03, 8.03, 8.03); Calibrated: 2024/12/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1484; Calibrated: 2024/10/15
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (10x18x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.143 W/kg

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

Reference Value = 3.076 V/m; Power Drift = 0.13 dB

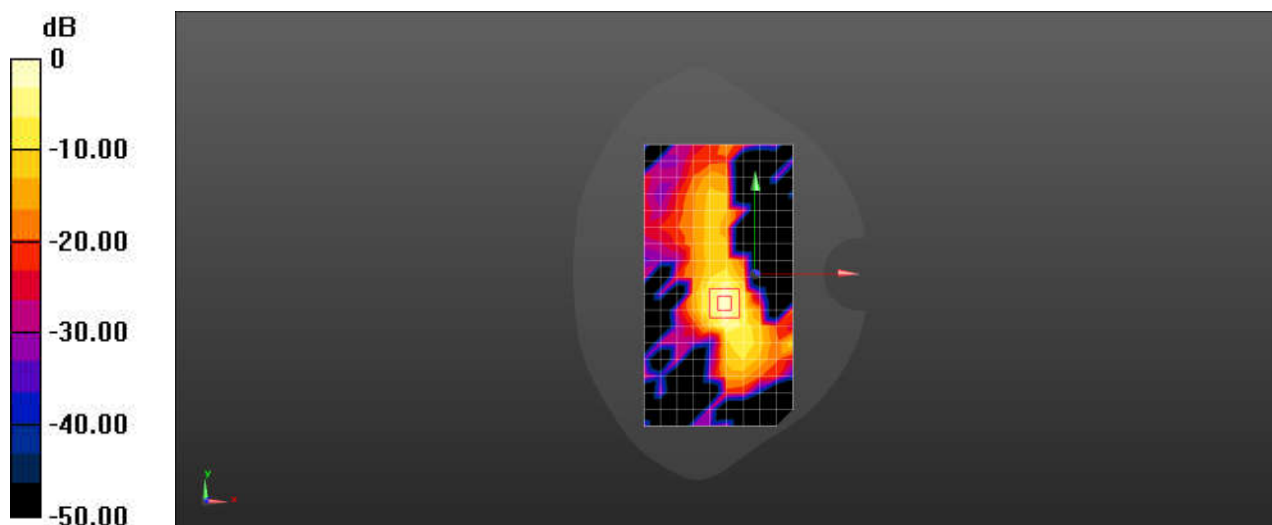
Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.038 W/kg

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

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

Maximum value of SAR (measured) = 0.151 W/kg



0 dB = 0.151 W/kg = -8.21 dBW/kg

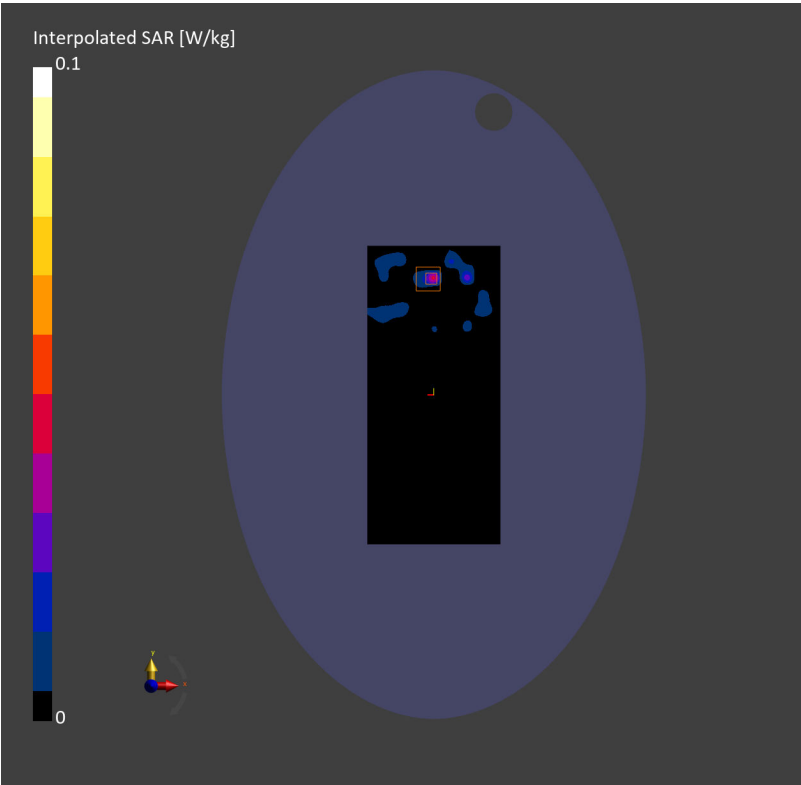
NFC 13.6MHz Front side 0mm

Communication System: Custom Band; Frequency: 13.600
Medium: HSL. Medium parameters used: $f=13.600\text{ MHz}$; $\sigma=0.765\text{ S/m}$; $\epsilon_r=53.3$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7735; ConvF(13.68, 13.51, 13.73); Calibrated: 2025-01-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: ELI V8.0 (20deg probe tilt); Serial: 2217
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (120.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.027 W/kg; SAR (10g) = 0.012 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = 0.01 dB
SAR (1g) = 0.020 W/kg; SAR (10g) = 0.009 W/kg;
M2/M1 [%] 8.6
Dist 3dB Peak [mm] 6.4





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