

APPENDIX B - SAR PLOTS

Test Plot 1#: GSM 850 Mid Body Back

DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1

Communication System: Generic GPRS-4 slots (0); Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 41.769$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(6.68, 6.68, 6.68) @ 836.6 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.386 W/kg

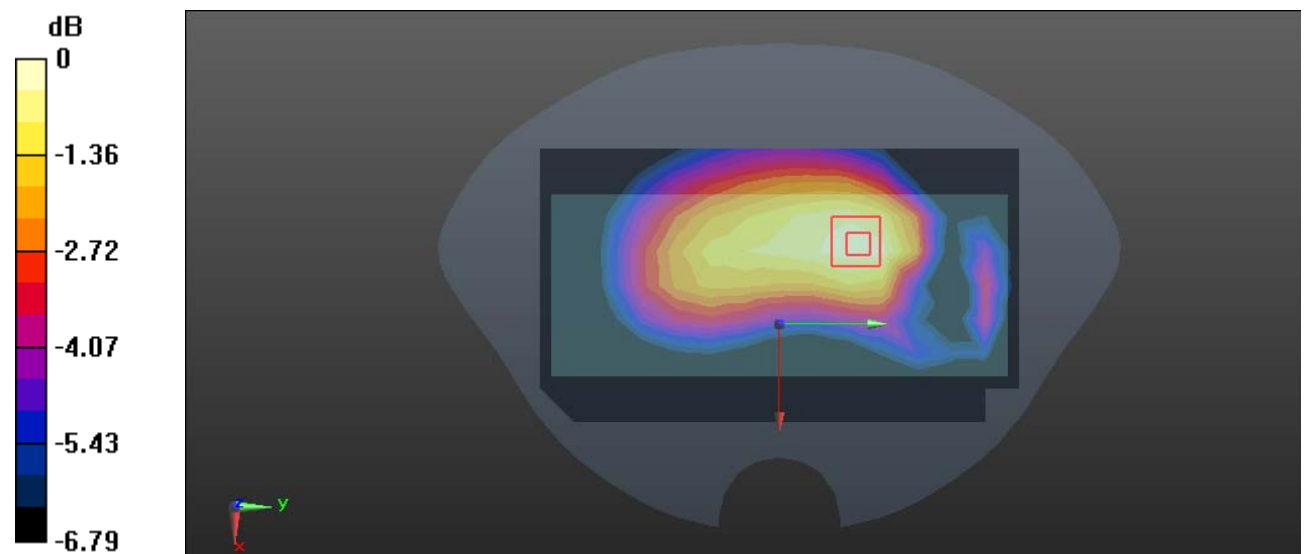
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.45 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.444 W/kg

SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 0.397 W/kg



0 dB = 0.397 W/kg = -4.01 dBW/kg

Test Plot 2#: GSM 850 Mid Limb Right**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: Generic GPRS-4 slots (0); Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 41.769$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(6.68, 6.68, 6.68) @ 836.6 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.44 W/kg

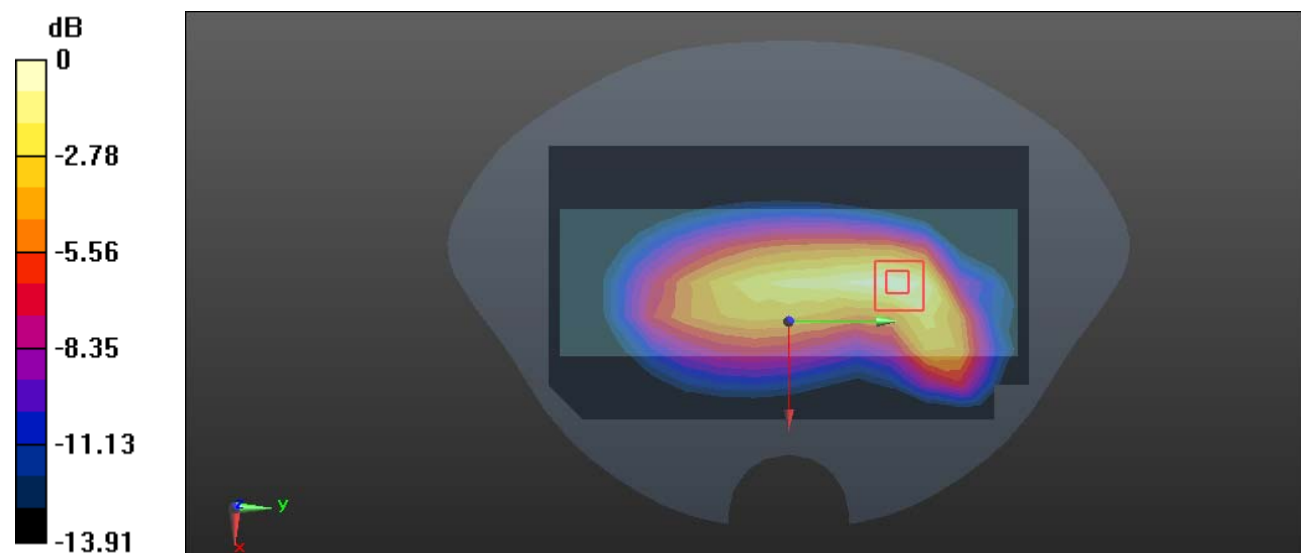
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 42.16 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.63 W/kg

SAR(1 g) = 2.04 W/kg; SAR(10 g) = 1.23 W/kg

Maximum value of SAR (measured) = 2.47 W/kg



0 dB = 2.47 W/kg = 3.93 dBW/kg

Test Plot 3#: PCS 1900 Mid Body Back**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

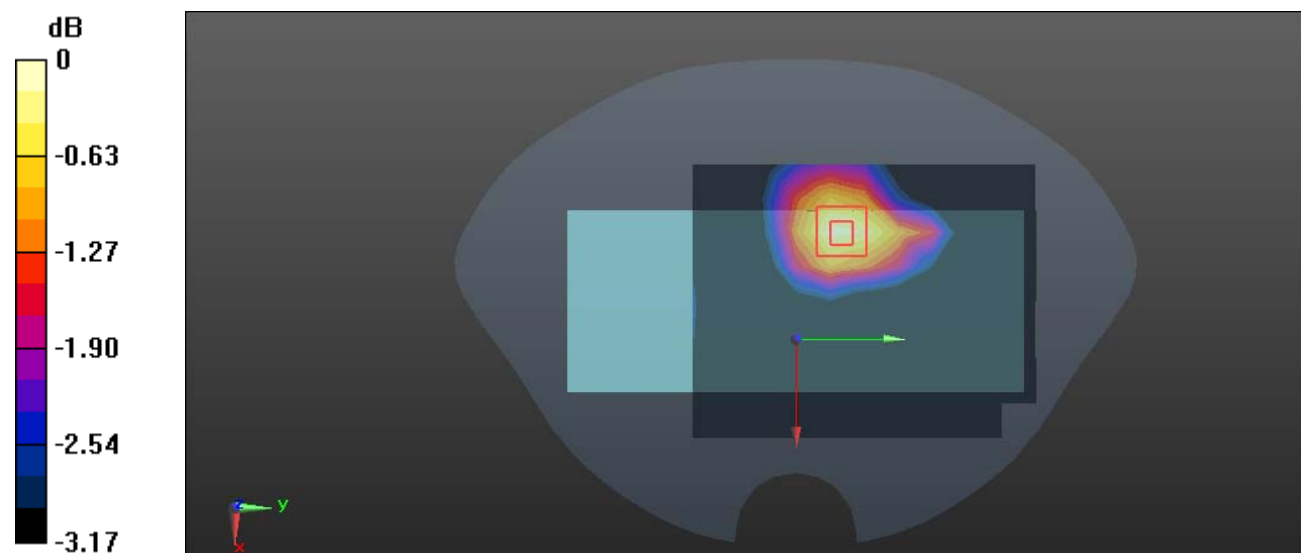
Communication System: Generic GPRS-4 slots (0); Frequency: 1880 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.425 \text{ S/m}$; $\epsilon_r = 39.195$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(5.24, 5.24, 5.24) @ 1880 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.0777 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 4.546 V/m ; Power Drift = 0.15 dB Peak SAR (extrapolated) = 0.0920 W/kg **SAR(1 g) = 0.072 W/kg ; SAR(10 g) = 0.056 W/kg** Maximum value of SAR (measured) = 0.0791 W/kg 0 dB = 0.0791 W/kg = -11.02 dBW/kg

Test Plot 4#: PCS 1900 Mid Limb Right**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

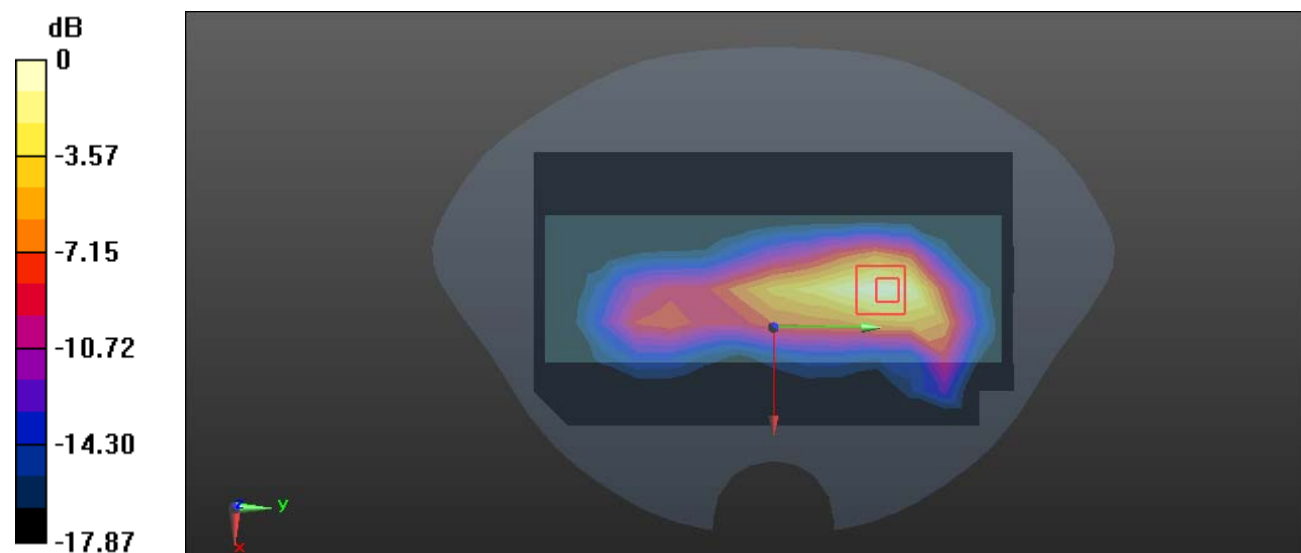
Communication System: Generic GPRS-4 slots (0); Frequency: 1880 MHz; Duty Cycle: 1:2

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.425 \text{ S/m}$; $\epsilon_r = 39.195$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(5.24, 5.24, 5.24) @ 1880 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 2.67 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 26.85 V/m ; Power Drift = -0.16 dB Peak SAR (extrapolated) = 3.76 W/kg **SAR(1 g) = 2.25 W/kg ; SAR(10 g) = 1.3 W/kg** Maximum value of SAR (measured) = 2.72 W/kg 0 dB = 2.72 W/kg = 4.35 dBW/kg

Test Plot 5#: WCDMA Band 2 Mid Body Back**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

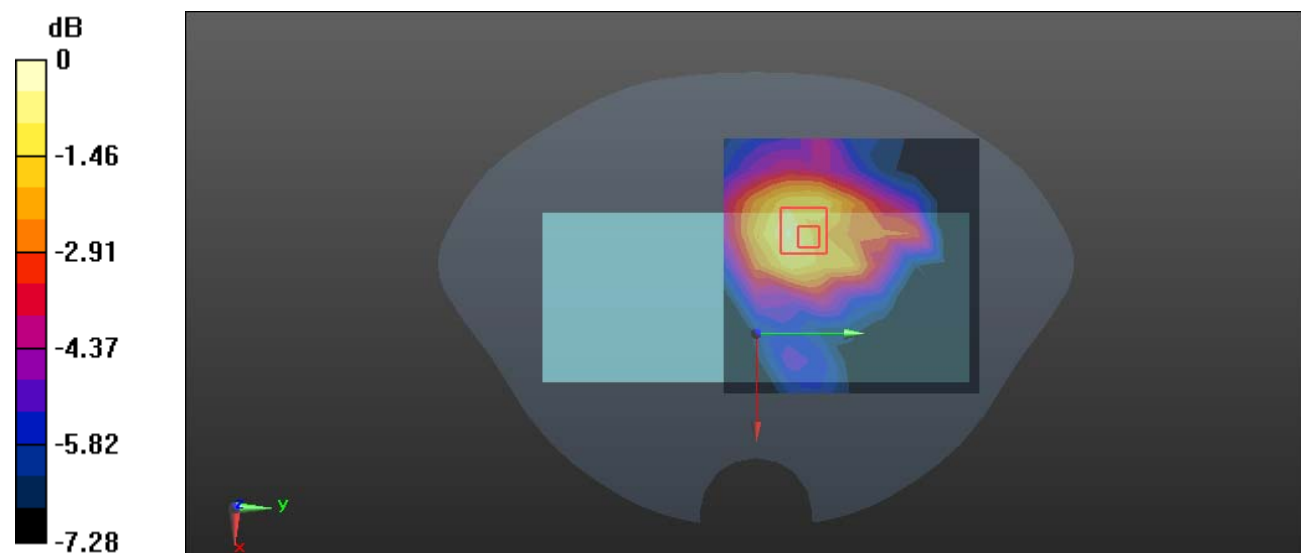
Communication System: WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.425 \text{ S/m}$; $\epsilon_r = 39.195$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(5.24, 5.24, 5.24) @ 1880 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.110 W/kg **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 4.689 V/m ; Power Drift = 0.18 dB Peak SAR (extrapolated) = 0.141 W/kg **SAR(1 g) = 0.107 W/kg ; SAR(10 g) = 0.079 W/kg** Maximum value of SAR (measured) = 0.119 W/kg 0 dB = 0.119 W/kg = -9.24 dBW/kg

Test Plot 6#: WCDMA Band 2 Mid Limb Right**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 39.195$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(5.24, 5.24, 5.24) @ 1880 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.91 W/kg

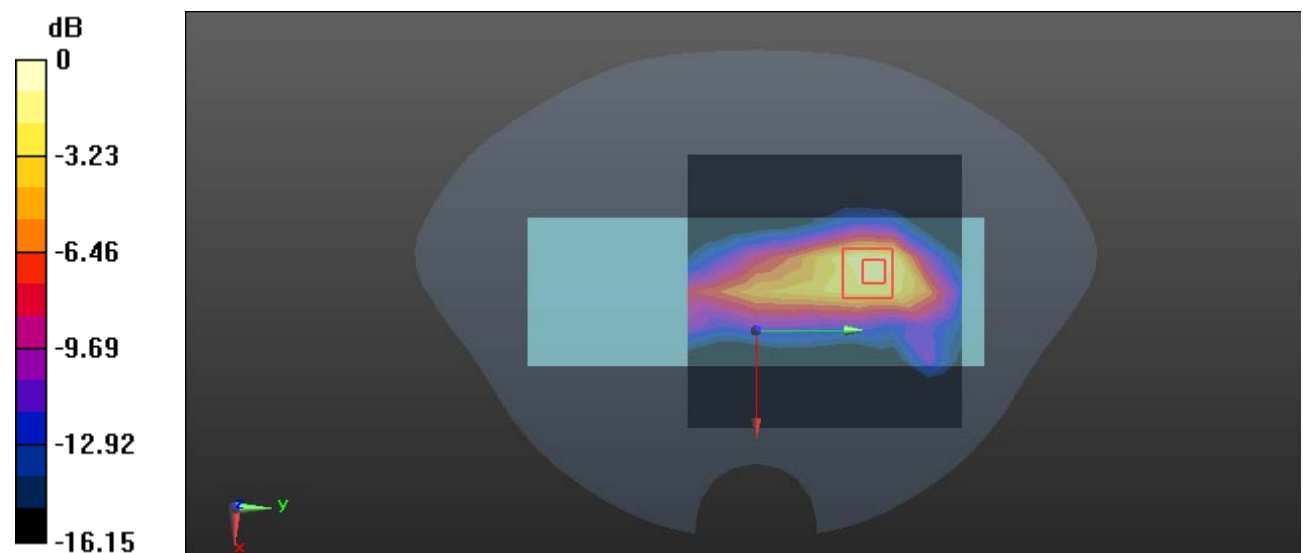
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.81 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 5.39 W/kg

SAR(1 g) = 3.2 W/kg; SAR(10 g) = 1.83 W/kg

Maximum value of SAR (measured) = 3.98 W/kg



0 dB = 3.98 W/kg = 6.00 dBW/kg

Test Plot 7#: WCDMA Band 5 Mid Body Back**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: WCDMA (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 41.769$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(6.68, 6.68, 6.68) @ 836.6 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.138 W/kg

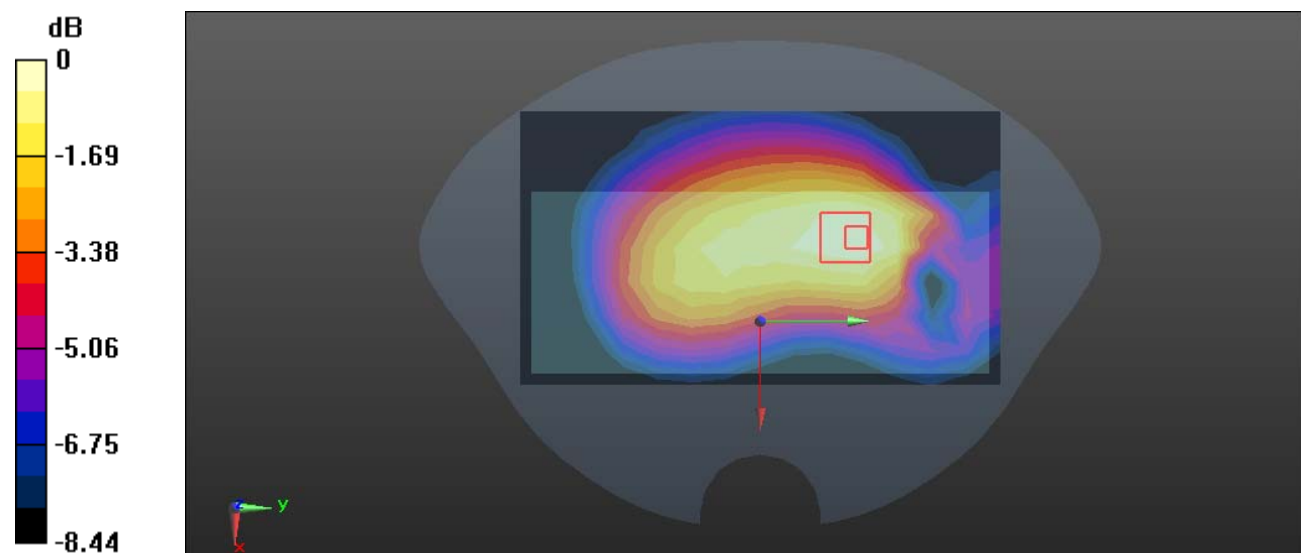
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.26 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.104 W/kg

Maximum value of SAR (measured) = 0.140 W/kg



0 dB = 0.140 W/kg = -8.54 dBW/kg

Test Plot 8#: WCDMA Band 5 Mid Limb Right**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: WCDMA (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 41.769$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(6.68, 6.68, 6.68) @ 836.6 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.898 W/kg

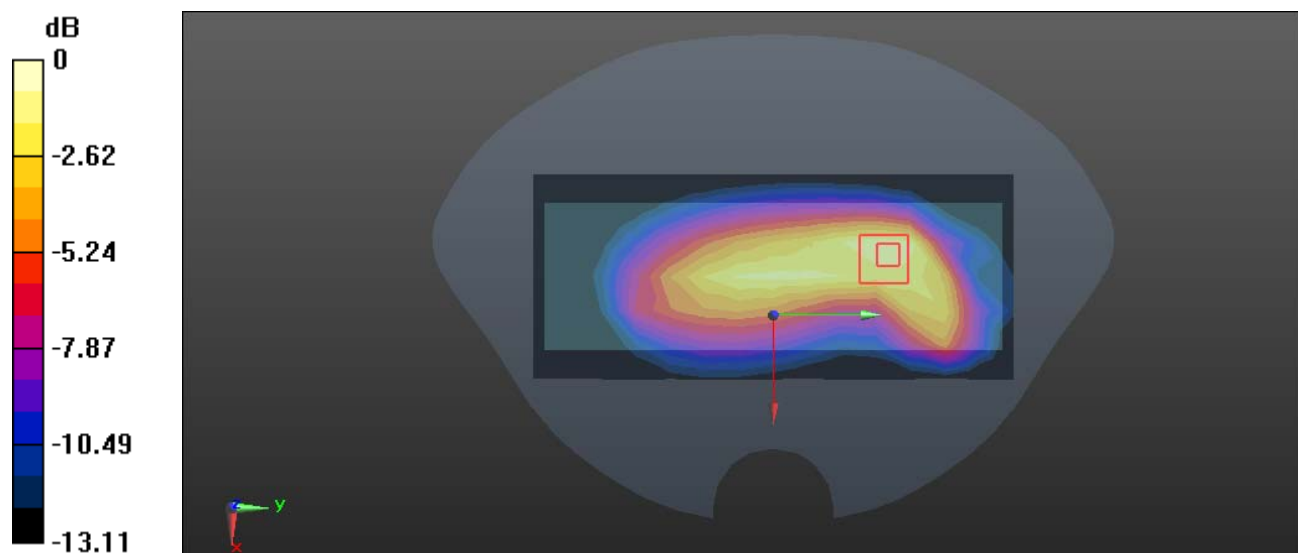
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.02 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.562 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

Test Plot 9#: LTE Band 2 1RB Mid Body Back**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: Generic FDD-LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 39.195$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(5.24, 5.24, 5.24) @ 1880 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.141 W/kg

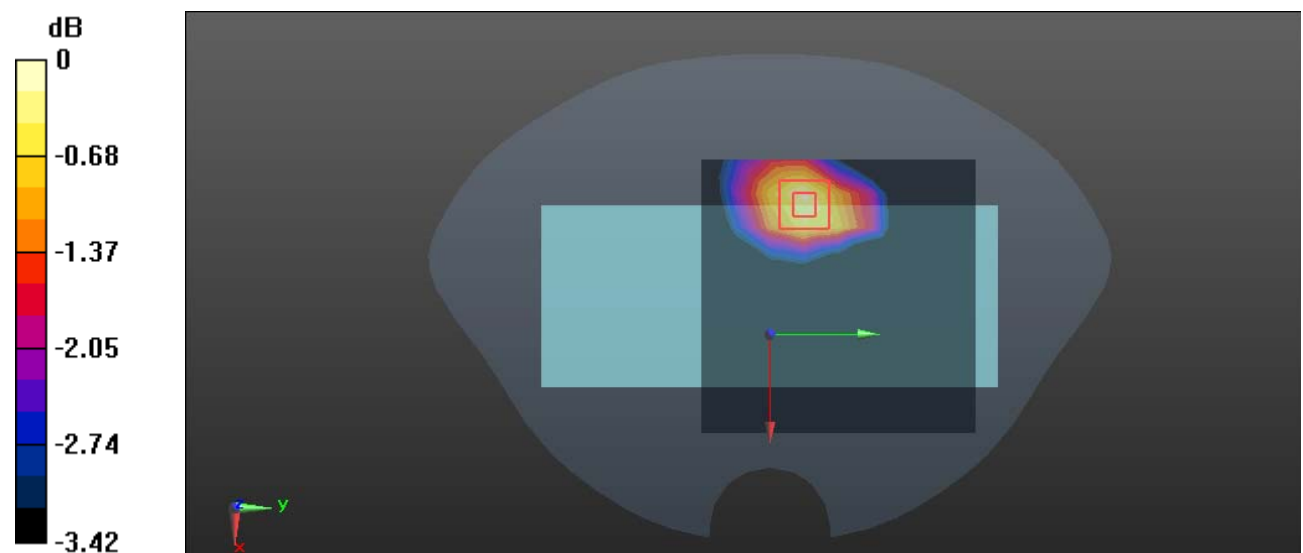
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.131 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.145 W/kg



0 dB = 0.145 W/kg = -8.39 dBW/kg

Test Plot 10#: LTE Band 2 1RB Mid Limb Right**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: Generic FDD-LTE (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 39.195$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(5.24, 5.24, 5.24) @ 1880 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.53 W/kg

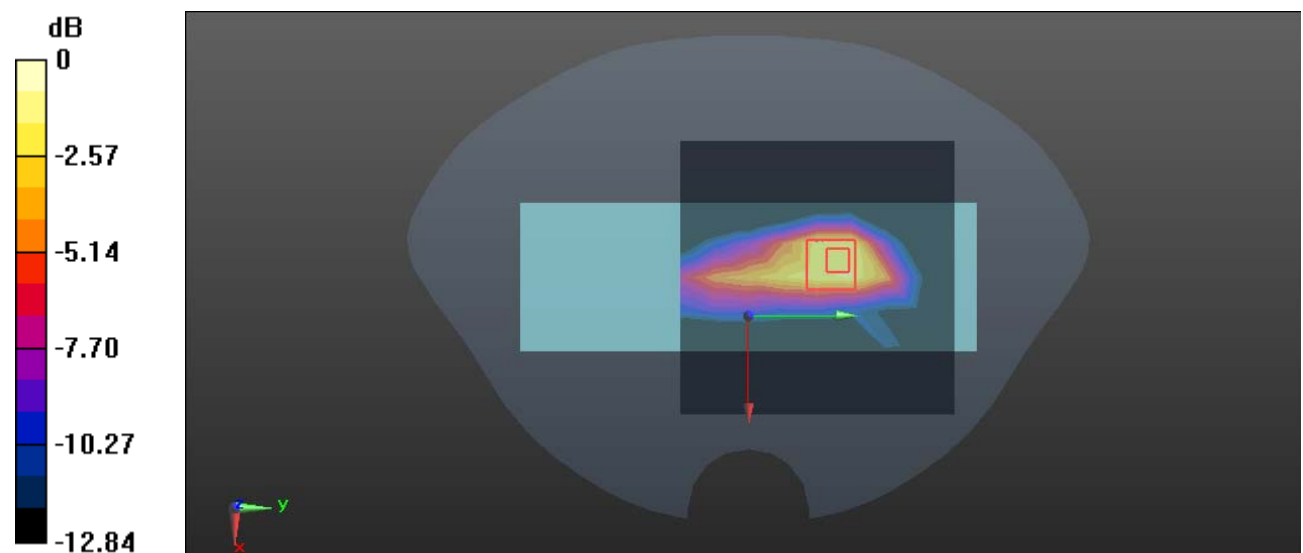
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.31 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 4.92 W/kg

SAR(1 g) = 2.99 W/kg; SAR(10 g) = 1.73 W/kg

Maximum value of SAR (measured) = 3.67 W/kg



0 dB = 3.67 W/kg = 5.65 dBW/kg

Test Plot 11#: LTE Band 4 1RB Mid Body Back**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: Generic FDD-LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.365$ S/m; $\epsilon_r = 39.295$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(5.53, 5.53, 5.53) @ 1732.5 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.220 W/kg

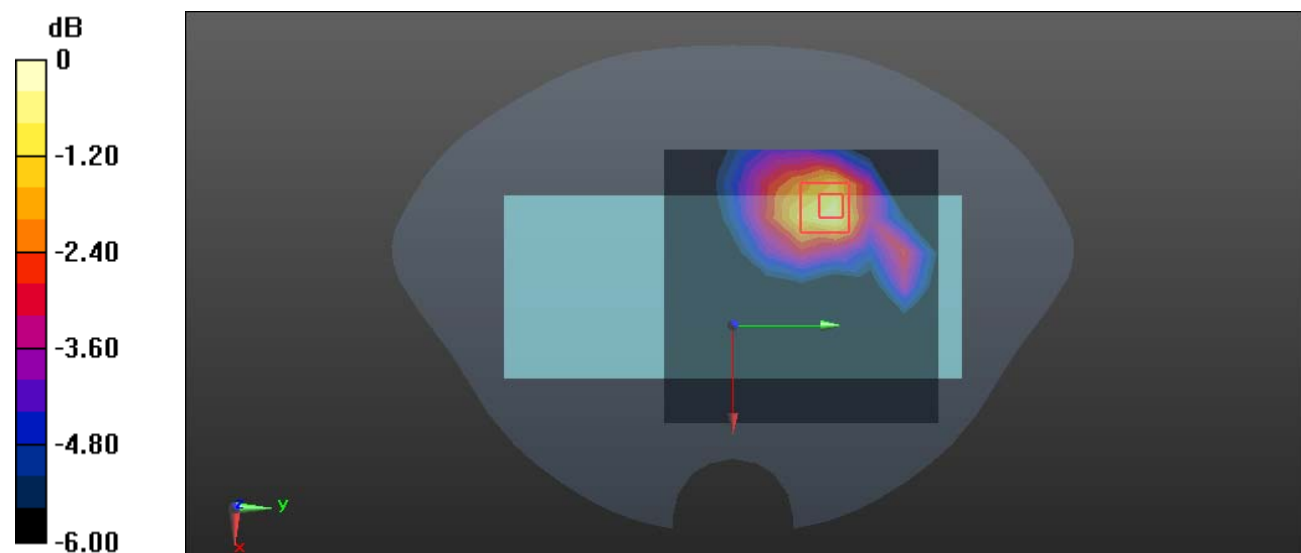
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.495 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.151 W/kg

Maximum value of SAR (measured) = 0.241 W/kg



0 dB = 0.241 W/kg = -6.18 dBW/kg

Test Plot 12#: LTE Band 4 1RB Mid Limb Right**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: Generic FDD-LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.365$ S/m; $\epsilon_r = 39.295$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(5.53, 5.53, 5.53) @ 1732.5 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.45 W/kg

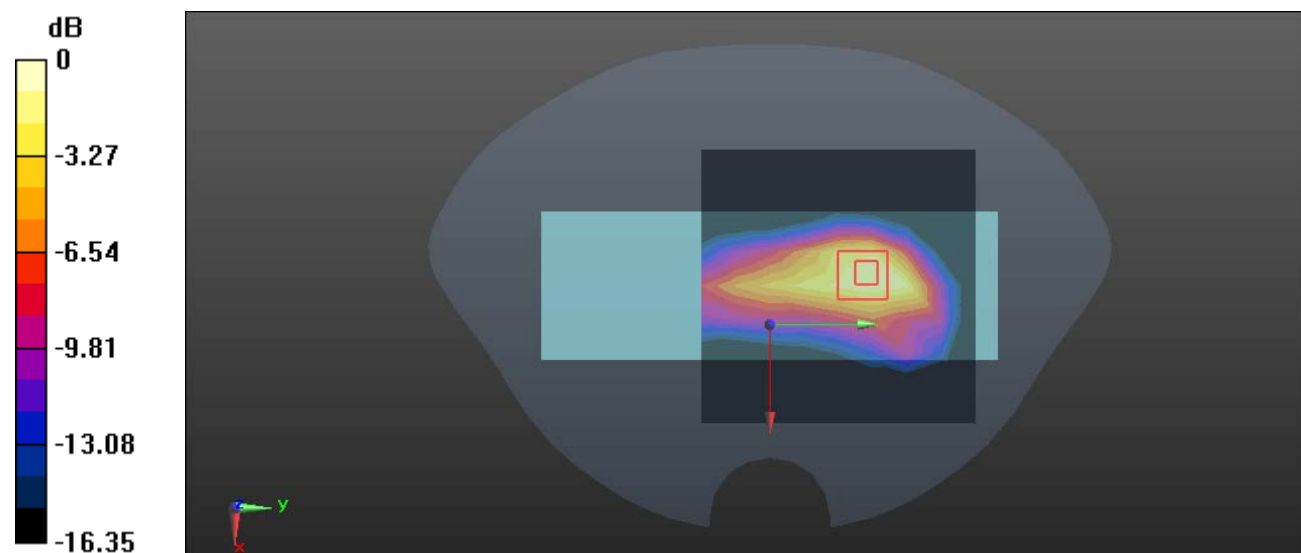
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.02 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.98 W/kg

SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.51 W/kg

Maximum value of SAR (measured) = 3.05 W/kg



0 dB = 3.05 W/kg = 4.84 dBW/kg

Test Plot 13#: LTE Band 5 1RB Mid Body Back**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: Generic FDD-LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 41.771$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(6.68, 6.68, 6.68) @ 836.5 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.119 W/kg

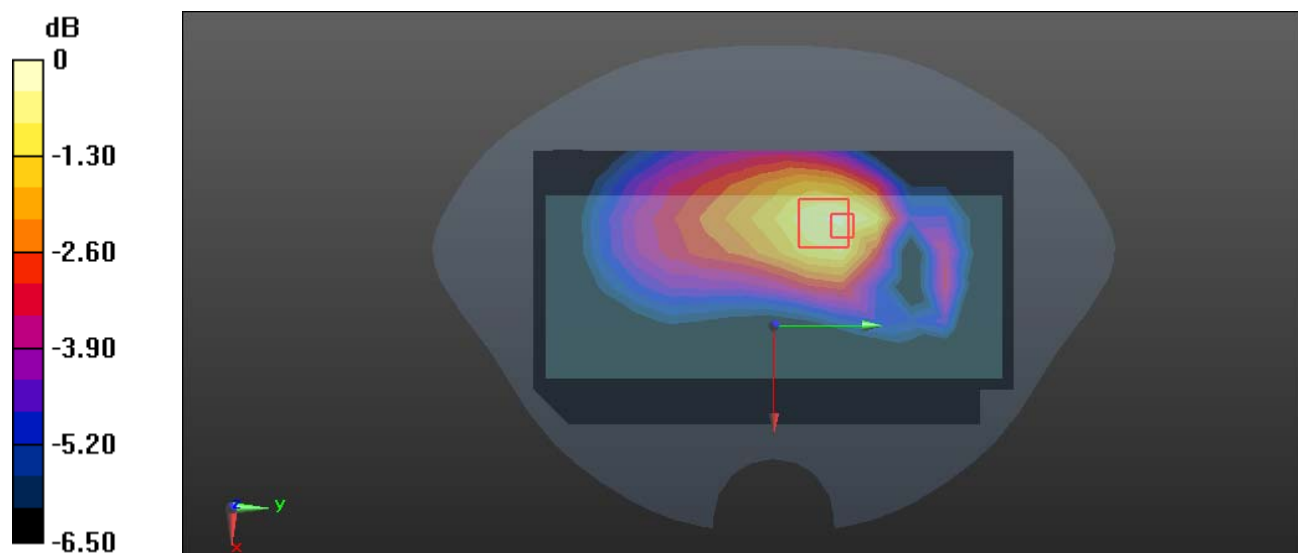
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.567 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.088 W/kg

Maximum value of SAR (measured) = 0.128 W/kg



0 dB = 0.128 W/kg = -8.93 dBW/kg

Test Plot 14#: LTE Band 5 1RB Mid Limb Right**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: Generic FDD-LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 41.771$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(6.68, 6.68, 6.68) @ 836.5 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.694 W/kg

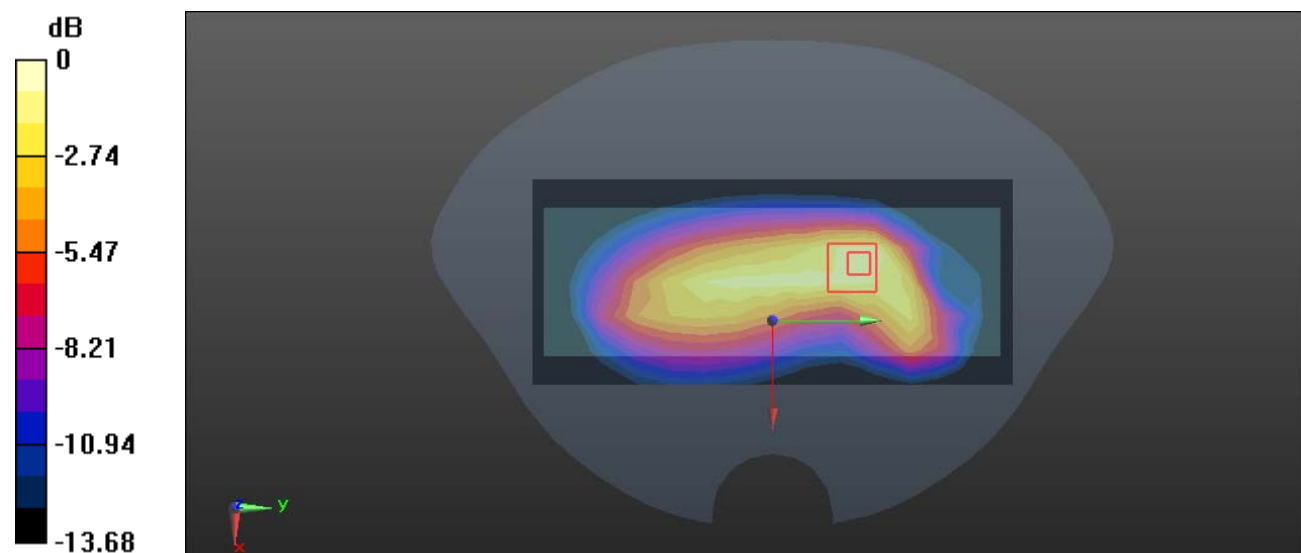
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.04 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.452 W/kg

Maximum value of SAR (measured) = 0.905 W/kg



0 dB = 0.905 W/kg = -0.43 dBW/kg

Test Plot 15#: LTE Band 7 1RB Mid Body Back**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: Generic FDD-LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.917$ S/m; $\epsilon_r = 40.028$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(4.83, 4.83, 4.83) @ 2535 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.463 W/kg

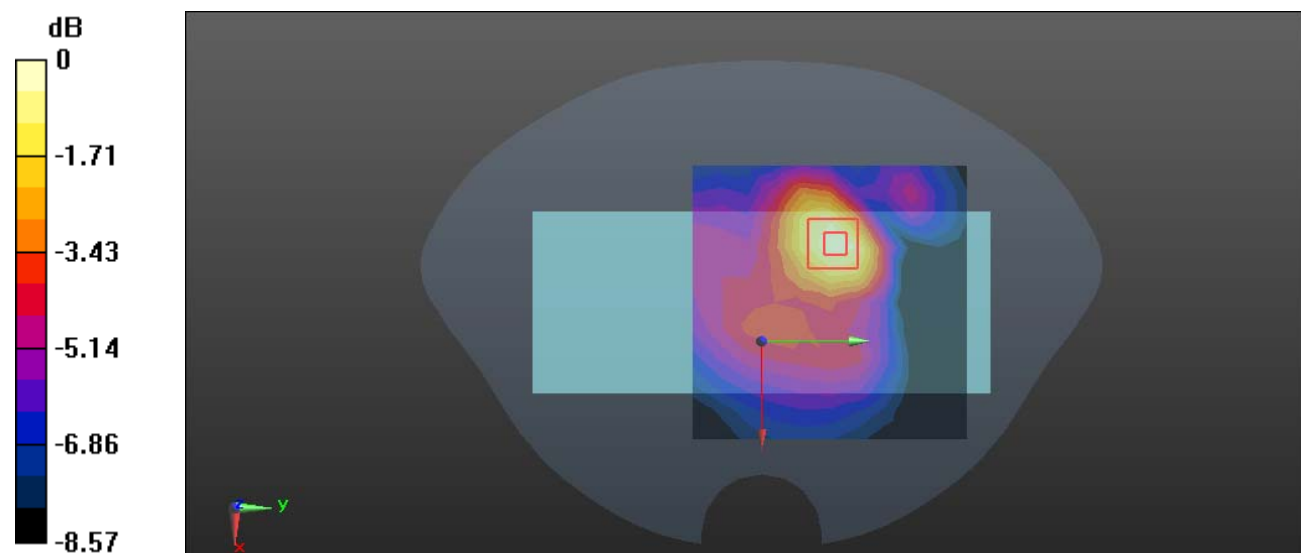
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.425 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.618 W/kg

SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.257 W/kg

Maximum value of SAR (measured) = 0.467 W/kg



0 dB = 0.467 W/kg = -3.31 dBW/kg

Test Plot 16#: LTE Band 7 1RB Mid Limb Right**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: Generic FDD-LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.917$ S/m; $\epsilon_r = 40.028$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(4.83, 4.83, 4.83) @ 2535 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 2.28 W/kg

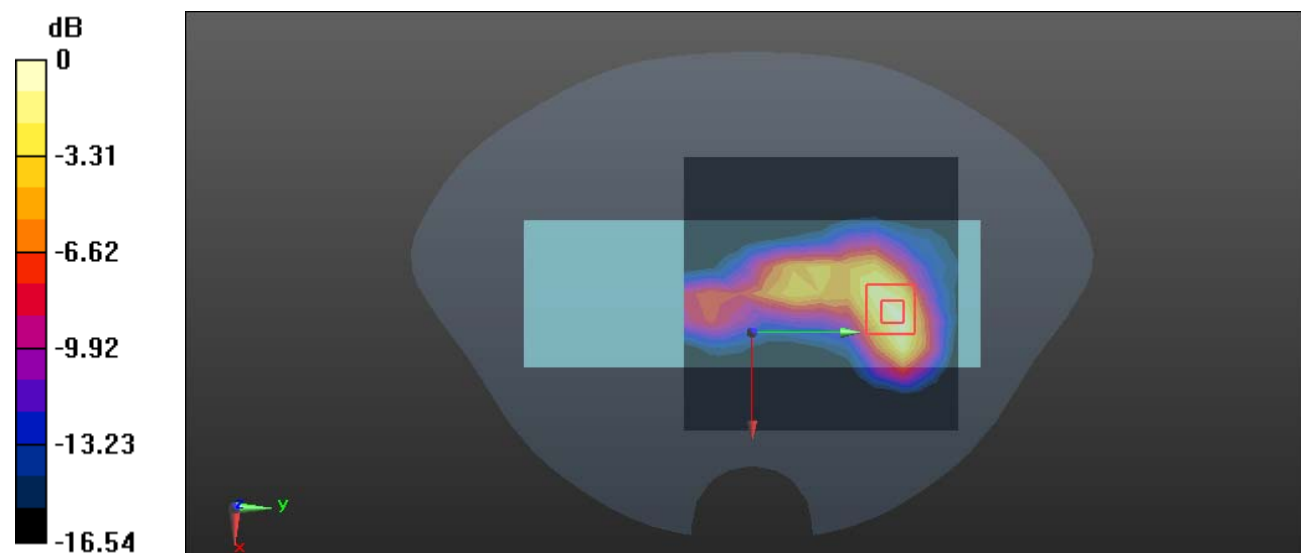
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.04 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.64 W/kg

SAR(1 g) = 1.92 W/kg; SAR(10 g) = 0.963 W/kg

Maximum value of SAR (measured) = 2.47 W/kg



0 dB = 2.47 W/kg = 3.93 dBW/kg

Test Plot 17#: LTE Band 38 1RB Mid Body Back**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: Generic TDD-LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2595$ MHz; $\sigma = 2.021$ S/m; $\epsilon_r = 40.049$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(4.66, 4.66, 4.66) @ 2595 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.347 W/kg

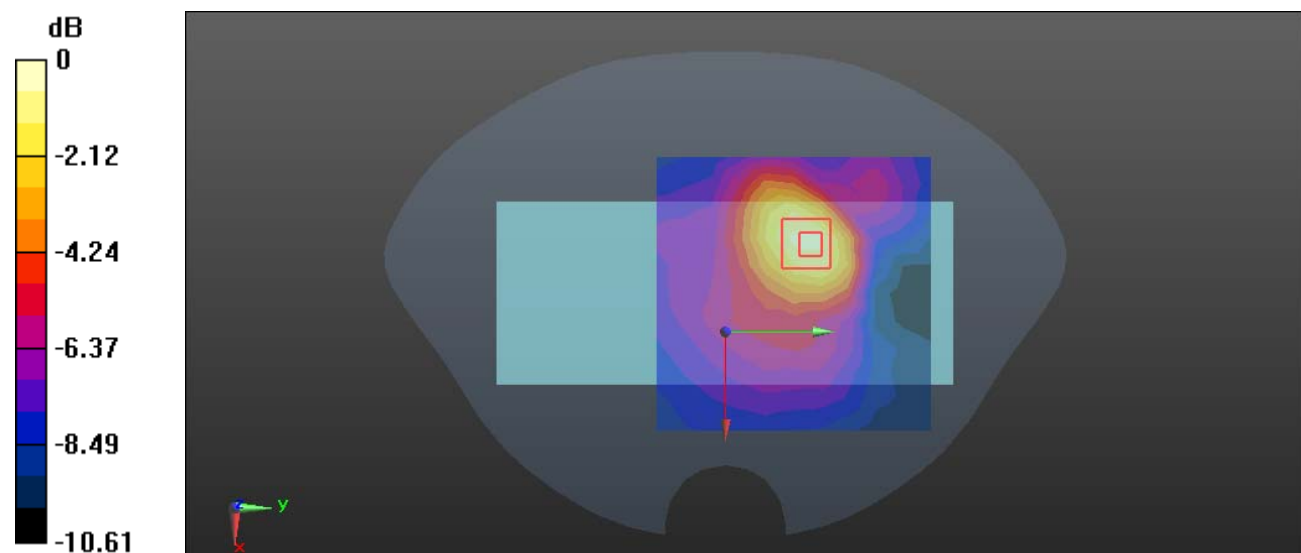
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.981 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.508 W/kg

SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.210 W/kg

Maximum value of SAR (measured) = 0.386 W/kg



0 dB = 0.386 W/kg = -4.13 dBW/kg

Test Plot 18#: LTE Band 38 1RB Mid Limb Right**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: Generic TDD-LTE (0); Frequency: 2595 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2595$ MHz; $\sigma = 2.021$ S/m; $\epsilon_r = 40.049$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(4.66, 4.66, 4.66) @ 2595 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.52 W/kg

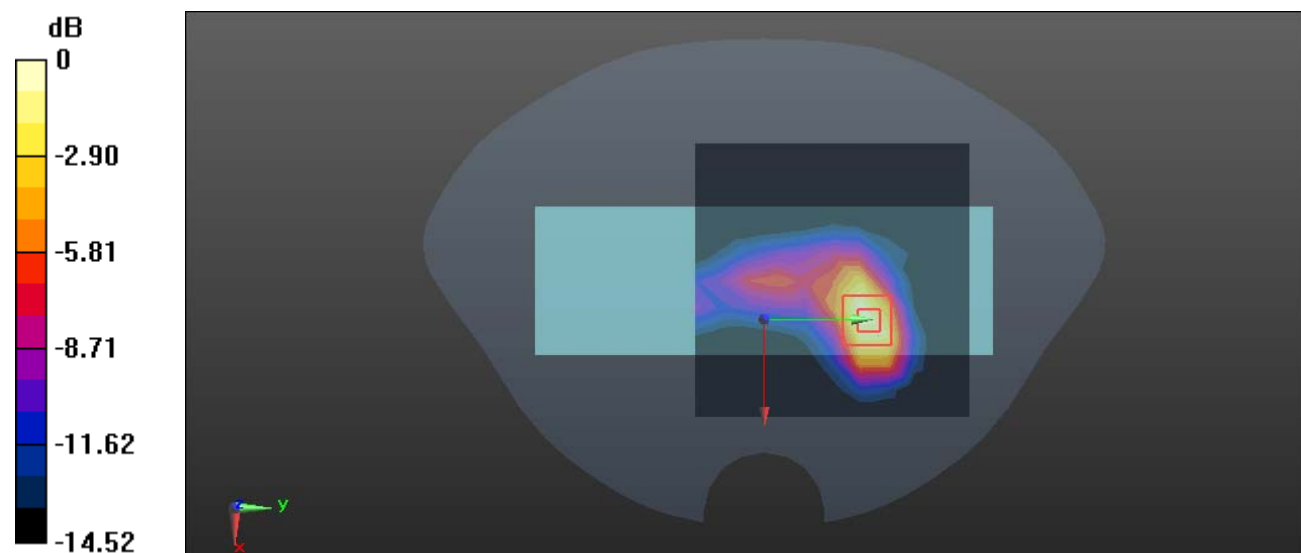
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.54 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.30 W/kg

SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.610 W/kg

Maximum value of SAR (measured) = 1.56 W/kg



0 dB = 1.56 W/kg = 1.93 dBW/kg

Test Plot 19#: 2.4G WLAN Mid Body Back**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.827$ S/m; $\epsilon_r = 40.394$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(4.83, 4.83, 4.83) @ 2437 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.375 W/kg

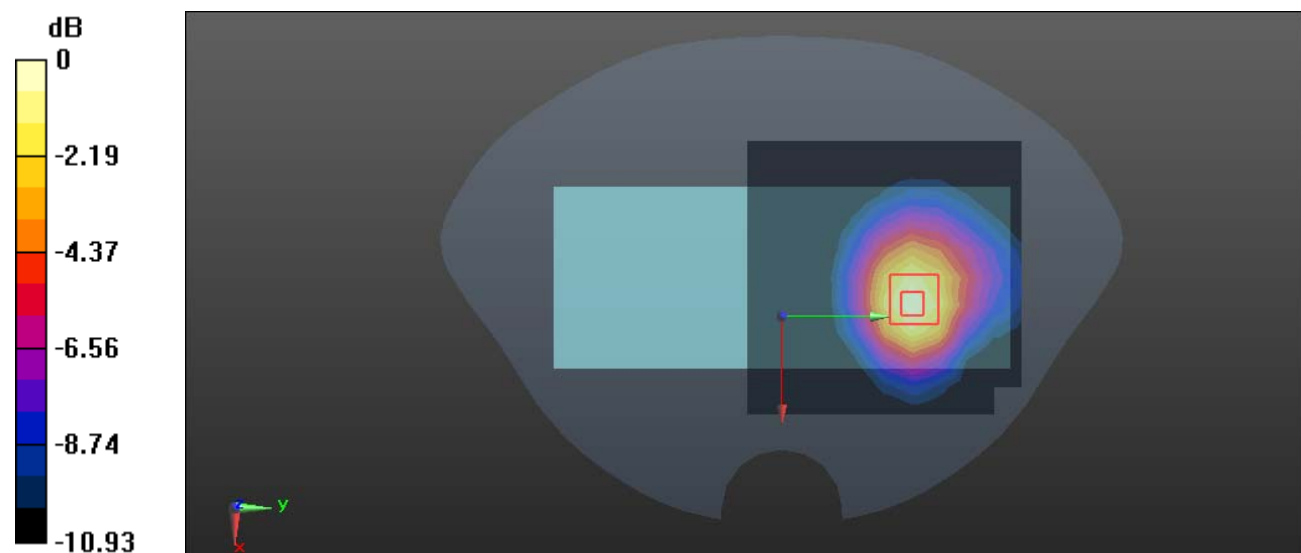
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.568 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.495 W/kg

SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 0.369 W/kg



0 dB = 0.369 W/kg = -4.33 dBW/kg

Test Plot 20#: 2.4G WLAN Mid Limb Back**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.827$ S/m; $\epsilon_r = 40.394$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3220; ConvF(4.83, 4.83, 4.83) @ 2437 MHz; Calibrated: 2024/10/15
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.69 W/kg

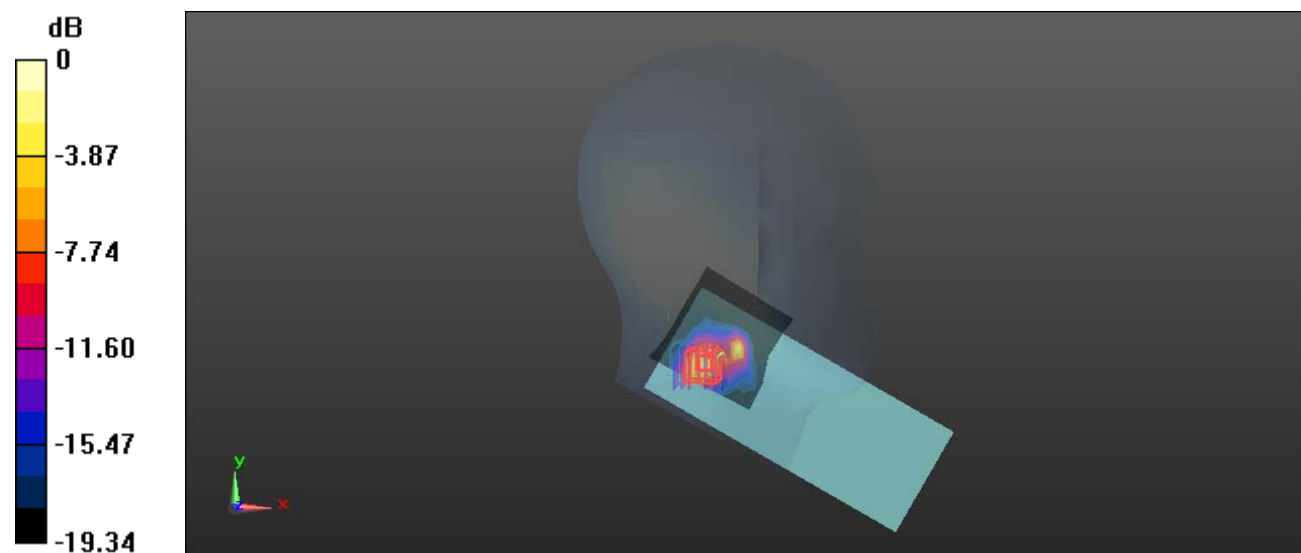
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.692 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 6.78 W/kg

SAR(1 g) = 1.42 W/kg; SAR(10 g) = 0.671 W/kg

Maximum value of SAR (measured) = 2.68 W/kg



0 dB = 2.68 W/kg = 4.28 dBW/kg

Test Plot 21#: WLAN 5.2G Mid Body Back**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

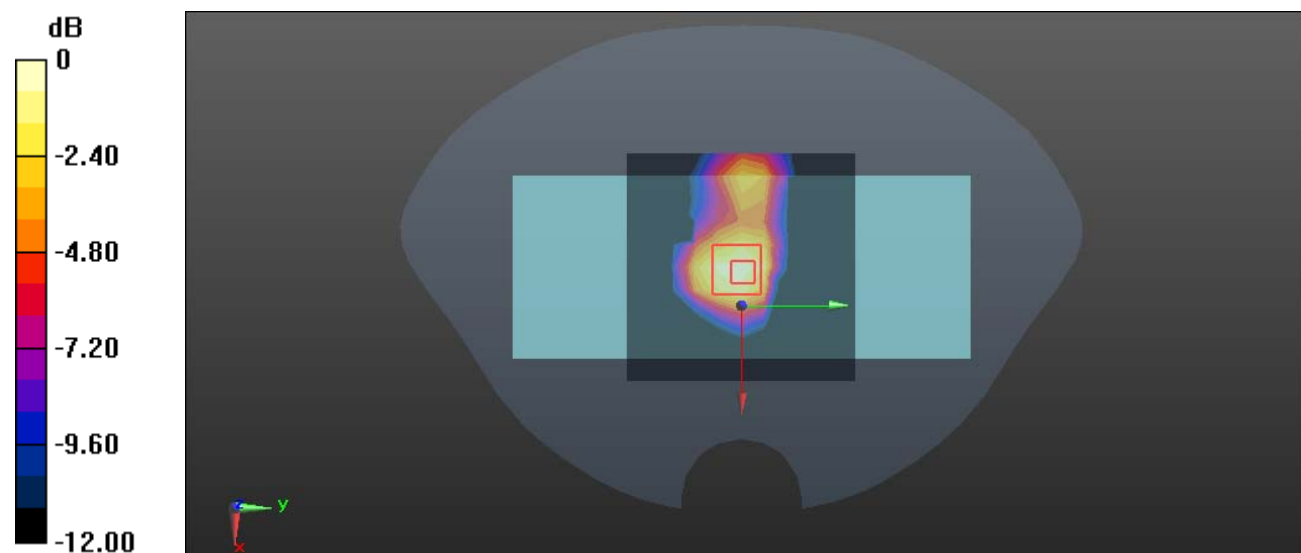
Communication System: 802.11ac80 (0); Frequency: 5210 MHz; Duty Cycle: 1:1.14

Medium parameters used: $f = 5210 \text{ MHz}$; $\sigma = 4.898 \text{ S/m}$; $\epsilon_r = 36.815$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.43, 5.43, 5.43) @ 5210 MHz; Calibrated: 2024/3/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.585 W/kg **Zoom Scan (8x8x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 7.912 V/m ; Power Drift = -0.14 dB Peak SAR (extrapolated) = 0.913 W/kg **SAR(1 g) = 0.279 W/kg ; SAR(10 g) = 0.112 W/kg** Maximum value of SAR (measured) = 0.603 W/kg 0 dB = 0.603 W/kg = -2.20 dBW/kg

Test Plot 22#: WLAN 5.2G Mid Limb Back**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

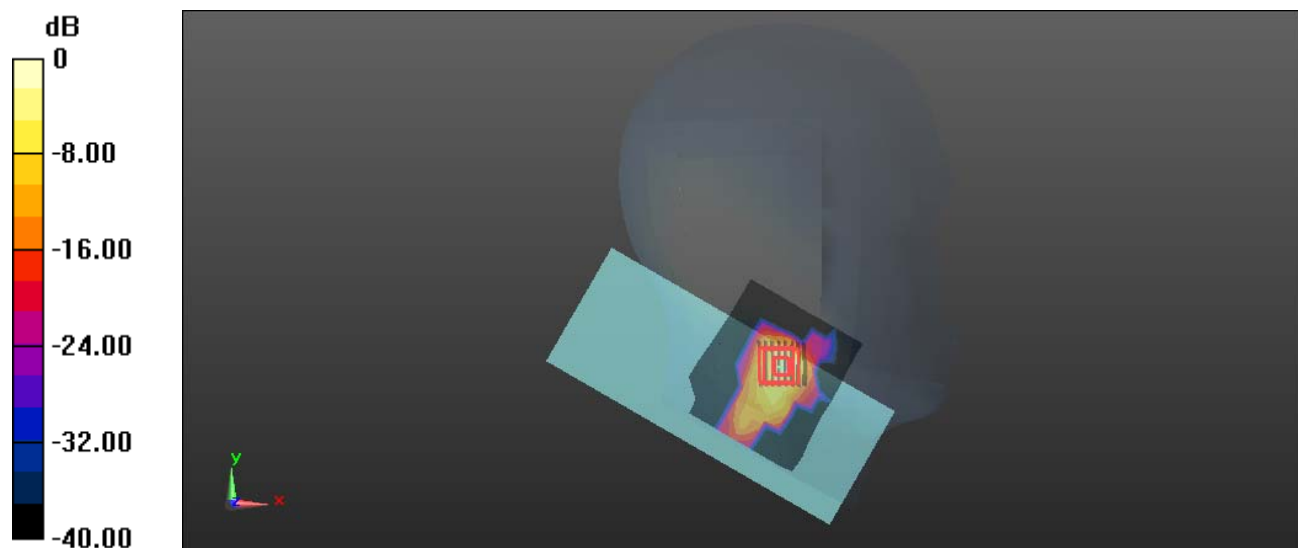
Communication System: 802.11ac80 (0); Frequency: 5210 MHz; Duty Cycle: 1:1.14

Medium parameters used: $f = 5210 \text{ MHz}$; $\sigma = 4.898 \text{ S/m}$; $\epsilon_r = 36.815$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.43, 5.43, 5.43) @ 5210 MHz; Calibrated: 2024/3/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x9x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 2.77 W/kg **Zoom Scan (8x8x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 0 V/m ; Power Drift = 0.16 dB Peak SAR (extrapolated) = 6.17 W/kg **SAR(1 g) = 1.69 W/kg ; SAR(10 g) = 0.461 W/kg** Maximum value of SAR (measured) = 4.31 W/kg  $0 \text{ dB} = 4.31 \text{ W/kg} = 6.34 \text{ dBW/kg}$

Test Plot 23#: WLAN 5.3G Mid Body Back**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: 802.11a (0); Frequency: 5280 MHz; Duty Cycle: 1:1.04

Medium parameters used: $f = 5280$ MHz; $\sigma = 4.976$ S/m; $\epsilon_r = 36.433$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.43, 5.43, 5.43) @ 5280 MHz; Calibrated: 2024/3/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (13x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.09 W/kg

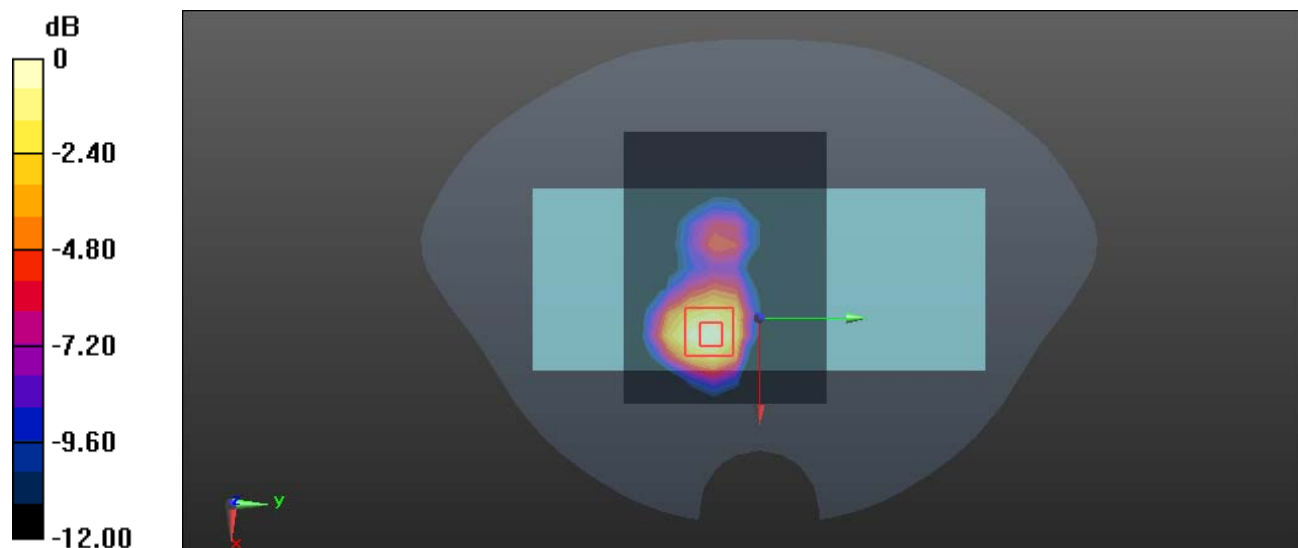
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.651 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.203 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

Test Plot 24#: WLAN 5.3G Mid Limb Back**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: 802.11a (0); Frequency: 5280 MHz; Duty Cycle: 1:1.04

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 4.976 \text{ S/m}$; $\epsilon_r = 36.433$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.43, 5.43, 5.43) @ 5280 MHz; Calibrated: 2024/3/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x9x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 2.98 W/kg

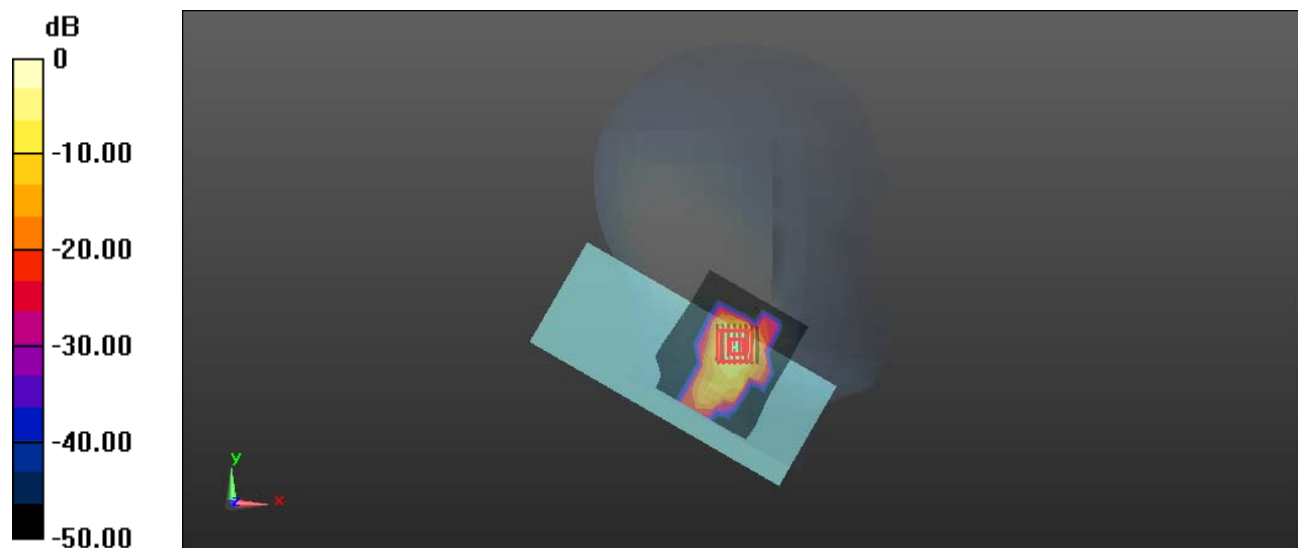
Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 9.93 W/kg

SAR(1 g) = 1.88 W/kg; SAR(10 g) = 0.501 W/kg

Maximum value of SAR (measured) = 4.90 W/kg



0 dB = 4.90 W/kg = 6.90 dBW/kg

Test Plot 25#: WLAN 5.6G Mid Body Back**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

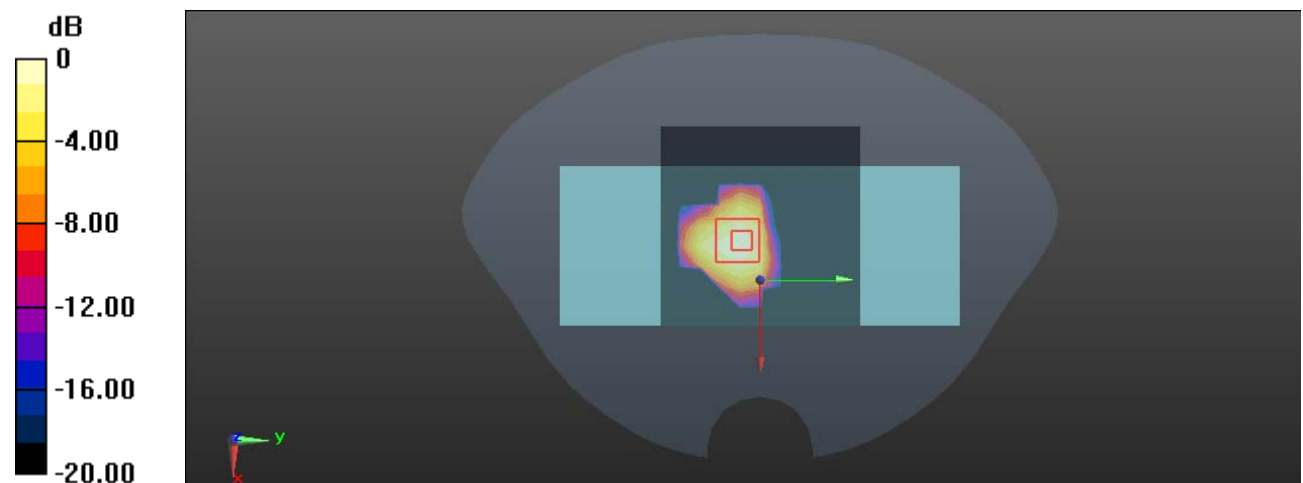
Communication System: 802.11ac80 (0); Frequency: 5610 MHz; Duty Cycle: 1:1.14

Medium parameters used: $f = 5610 \text{ MHz}$; $\sigma = 4.885 \text{ S/m}$; $\epsilon_r = 36.507$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.71, 4.71, 4.71) @ 5610 MHz; Calibrated: 2024/3/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.945 W/kg **Zoom Scan (8x8x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 7.974 V/m ; Power Drift = -0.19 dB Peak SAR (extrapolated) = 1.77 W/kg **SAR(1 g) = 0.488 W/kg ; SAR(10 g) = 0.185 W/kg** Maximum value of SAR (measured) = 0.930 W/kg 0 dB = 0.930 W/kg = -0.32 dBW/kg

Test Plot 26#: WLAN 5.6G Mid Limb Back**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: 802.11ac80 (0); Frequency: 5610 MHz; Duty Cycle: 1:1.14

Medium parameters used: $f = 5610 \text{ MHz}$; $\sigma = 4.885 \text{ S/m}$; $\epsilon_r = 36.507$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.71, 4.71, 4.71) @ 5610 MHz; Calibrated: 2024/3/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x9x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.91 W/kg

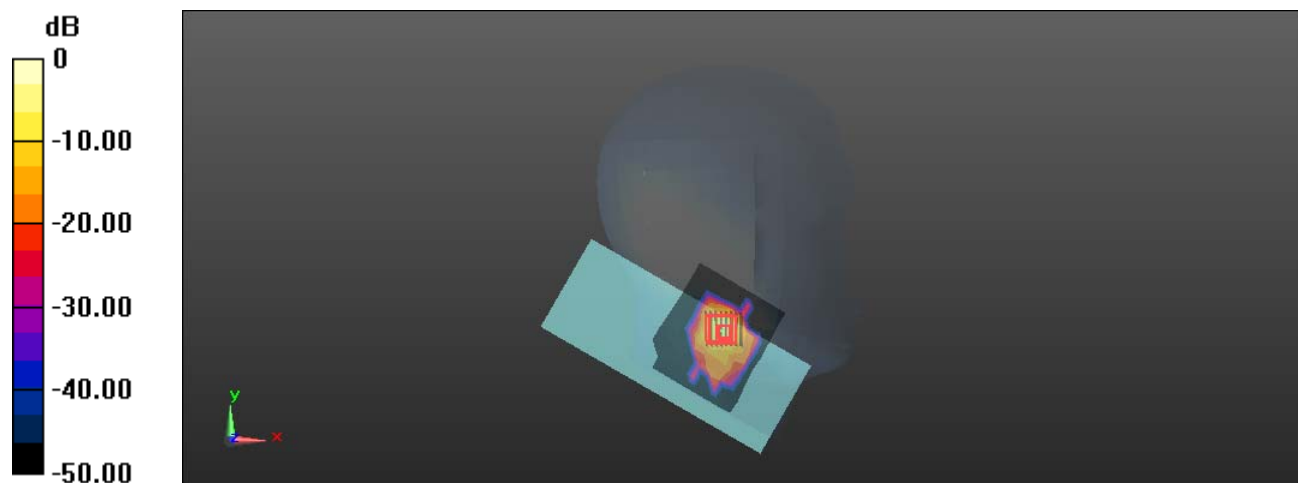
Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 1.9 W/kg; SAR(10 g) = 0.514 W/kg

Maximum value of SAR (measured) = 5.22 W/kg



0 dB = 5.22 W/kg = 7.18 dBW/kg

Test Plot 27#: WLAN 5.8G Mid Body Back**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: 802.11a (0); Frequency: 5785 MHz; Duty Cycle: 1:1.04

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.367$ S/m; $\epsilon_r = 36.429$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.84, 4.84, 4.84) @ 5785 MHz; Calibrated: 2024/3/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x11x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.875 W/kg

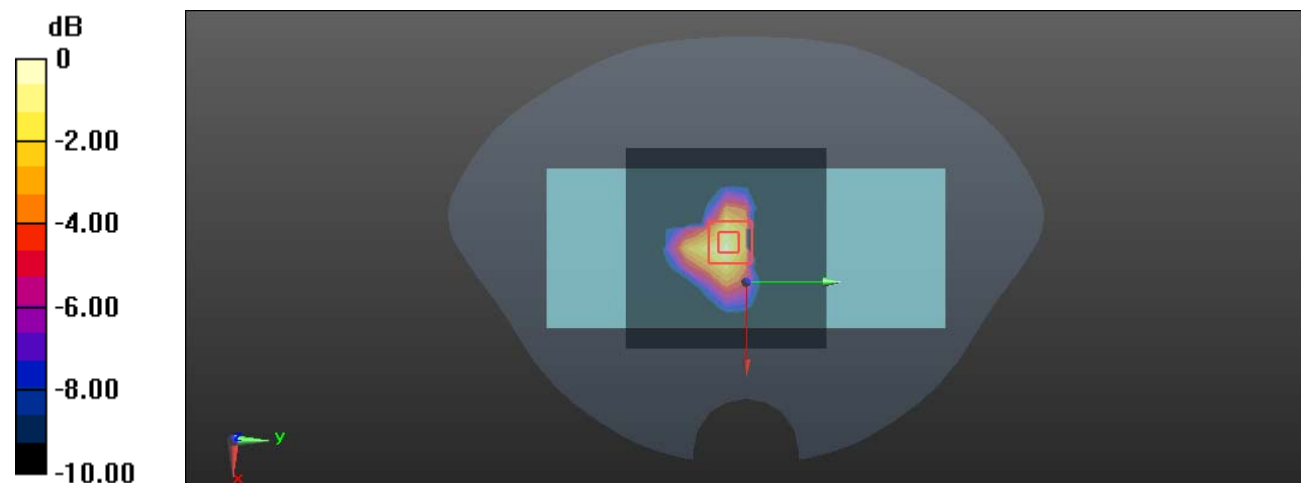
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.911 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.144 W/kg

Maximum value of SAR (measured) = 0.960 W/kg



0 dB = 0.960 W/kg = -0.18 dBW/kg

Test Plot 28#: WLAN 5.8G Mid Limb Back**DUT: POS terminal; Type: N86 Pro; Serial: 2YIH-1**

Communication System: 802.11a (0); Frequency: 5785 MHz; Duty Cycle: 1:1.04

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.367$ S/m; $\epsilon_r = 36.429$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.84, 4.84, 4.84) @ 5785 MHz; Calibrated: 2024/3/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn772; Calibrated: 2025/2/17
- Phantom: SAM (30deg probe tilt) with CRP v5.0_20150321; Type: QD000P40CD; Serial: TP:1874
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.45 W/kg

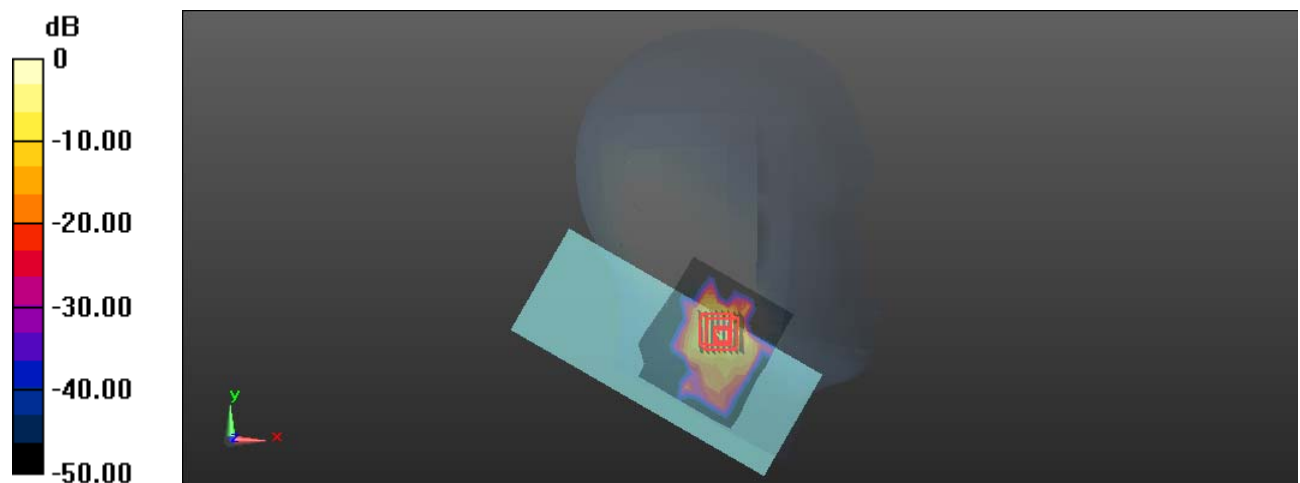
Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 5.71 W/kg

SAR(1 g) = 1.42 W/kg; SAR(10 g) = 0.361 W/kg

Maximum value of SAR (measured) = 3.86 W/kg



0 dB = 3.86 W/kg = 5.87 dBW/kg