

## APPENDIX B - SAR PLOTS

### Test Plot 1#: GSM 850 Mid Head Left Cheek

**DUT: Phone; Type: NEO N3; Serial: 339N-1**

Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.931$  S/m;  $\epsilon_r = 41.775$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left 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 (4); SEMCAD X Version 14.6.14 (7501)

**Head Left Cheek/GSM 850 Mid/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.758 W/kg

**Head Left Cheek/GSM 850 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.189 V/m; Power Drift = 0.14 dB

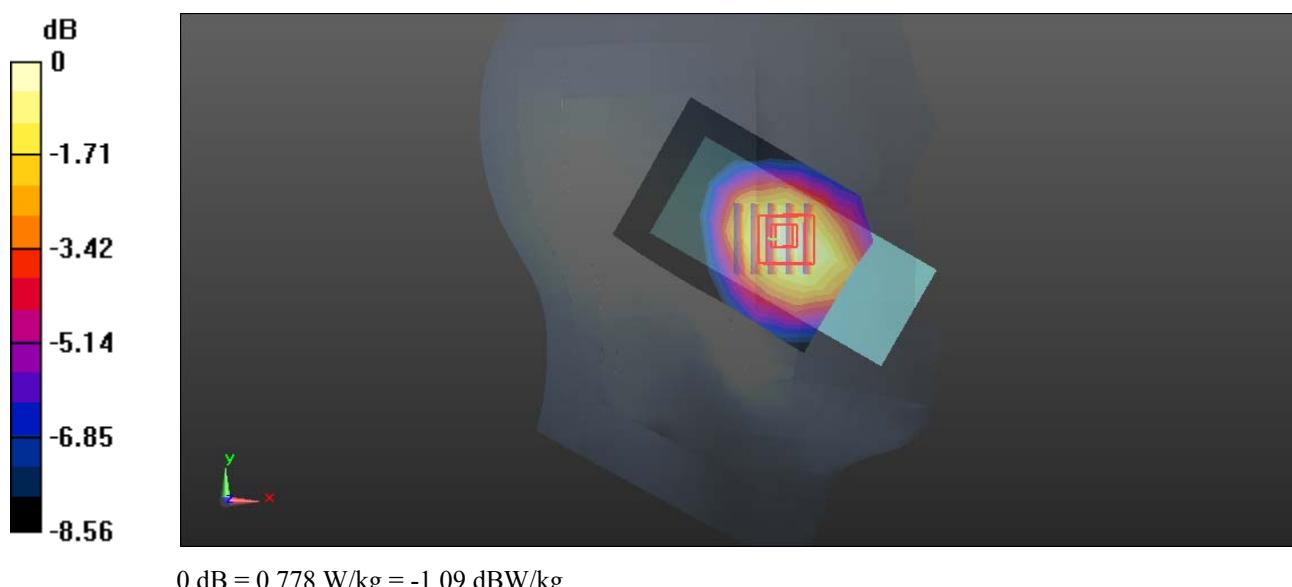
Peak SAR (extrapolated) = 0.894 W/kg

**SAR(1 g) = 0.720 W/kg; SAR(10 g) = 0.539 W/kg**

Smallest distance from peaks to all points 3 dB below = 21.7 mm

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

Maximum value of SAR (measured) = 0.778 W/kg



**Test Plot 2#: GSM 850 Mid Body Worn Back****DUT: Phone; Type: NEO N3; Serial: 339N-1**

Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.931$  S/m;  $\epsilon_r = 41.775$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (4); SEMCAD X Version 14.6.14 (7501)

**Body Worn Back/GSM 850 Mid/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.845 W/kg

**Body Worn Back/GSM 850 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.25 V/m; Power Drift = -0.07 dB

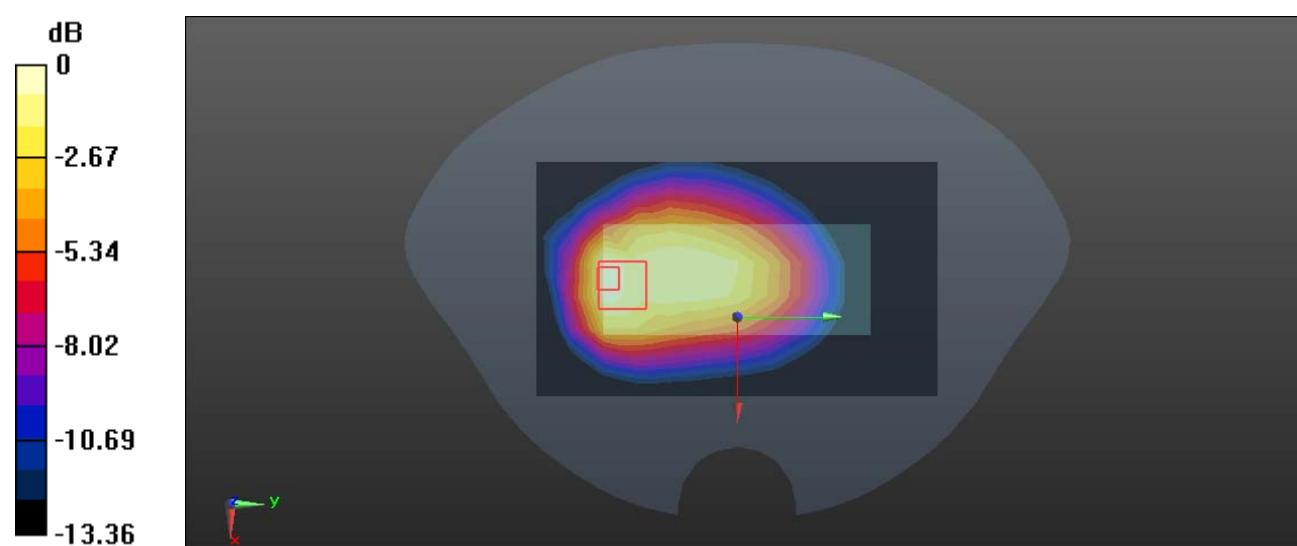
Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.482 W/kg**

Smallest distance from peaks to all points 3 dB below = 11.7 mm

Ratio of SAR at M2 to SAR at M1 = 59.3%

Maximum value of SAR (measured) = 0.879 W/kg



**Test Plot 3#: PCS 1900 Mid Head Right Cheek****DUT: Phone; Type: NEO N3; Serial: 339N-1**

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  S/m;  $\epsilon_r = 39.237$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right 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 (4); SEMCAD X Version 14.6.14 (7501)

**Head Right Cheek/PCS 1900 Mid/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

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

**Head Right Cheek/PCS 1900 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.839 V/m; Power Drift = 0.16 dB

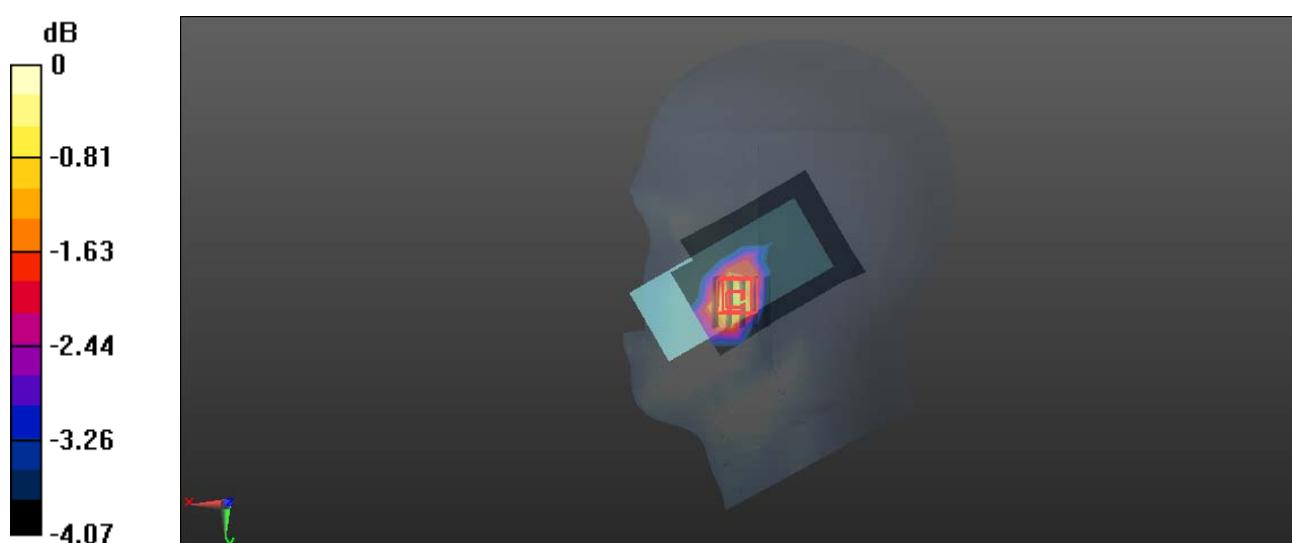
Peak SAR (extrapolated) = 0.146 W/kg

**SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.086 W/kg**

Smallest distance from peaks to all points 3 dB below = 17.2 mm

Ratio of SAR at M2 to SAR at M1 = 80.1%

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



**Test Plot 4#: PCS 1900 Mid Body Worn Back****DUT: Phone; Type: NEO N3; Serial: 339N-1**

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.427$  S/m;  $\epsilon_r = 39.237$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (4); SEMCAD X Version 14.6.14 (7501)

**Body Worn Back/PCS 1900 Mid/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.744 W/kg

**Body Worn Back/PCS 1900 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.206 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.444 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 64.8%

Maximum value of SAR (measured) = 0.943 W/kg

