

Appendix B

Detailed Test Results

1. GSM
GSM850
GSM1900
2. CAT M1 Band
CAT M1 Band 2
CAT M1 Band 4
CAT M1 Band 12
CAT M1 Band 13
CAT M1 Band 25



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GBS-2104-G GSM850 GPRS 4TS 251CH Front side 0mm

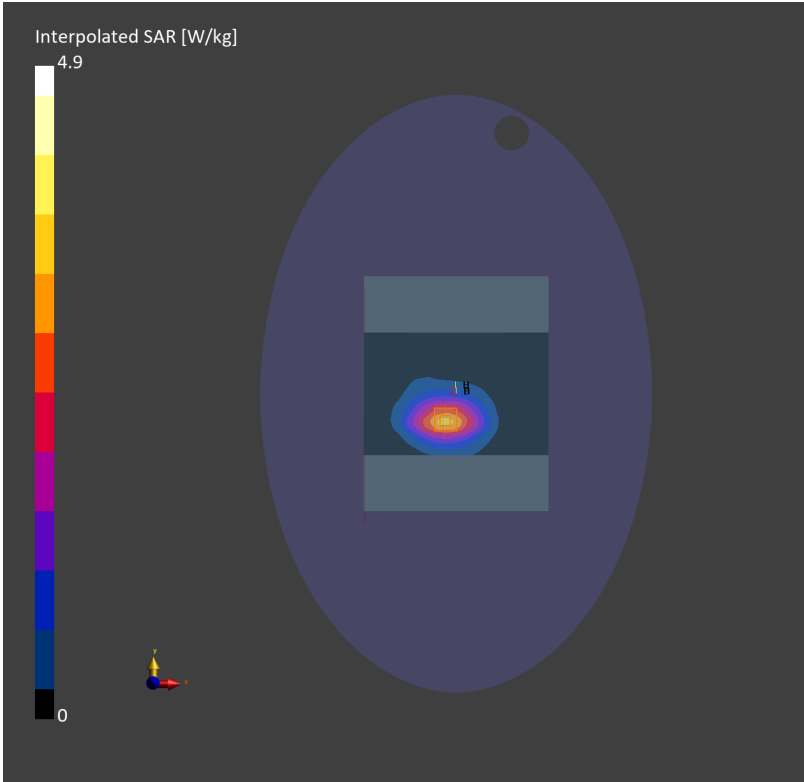
GBS-2104-G

Communication System: GSM 850; Frequency: 848.800
Medium: Head Simulating Liquid. Medium parameters used: f= 848.800 MHz; σ = 0.905 S/m; ϵ_r = 43.2

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(9.77, 9.77, 9.77); Calibrated: 2026-02-02
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2025-08-15
 - Phantom: ELI V8.0 (20deg probe tilt); Serial: 2219
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (160.0 mm x 100.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 2.96 W/kg; SAR (10g) = 1.93 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 = -0.05 dB
SAR (1g) = 3.16 W/kg; SAR (10g) = 2.10 W/kg;
M2/M1 [%]=64.3
Dist 3dB Peak [mm]=15.6



GBS-2104-G GSM1900 GPRS 4TS 661CH Front side 0mm

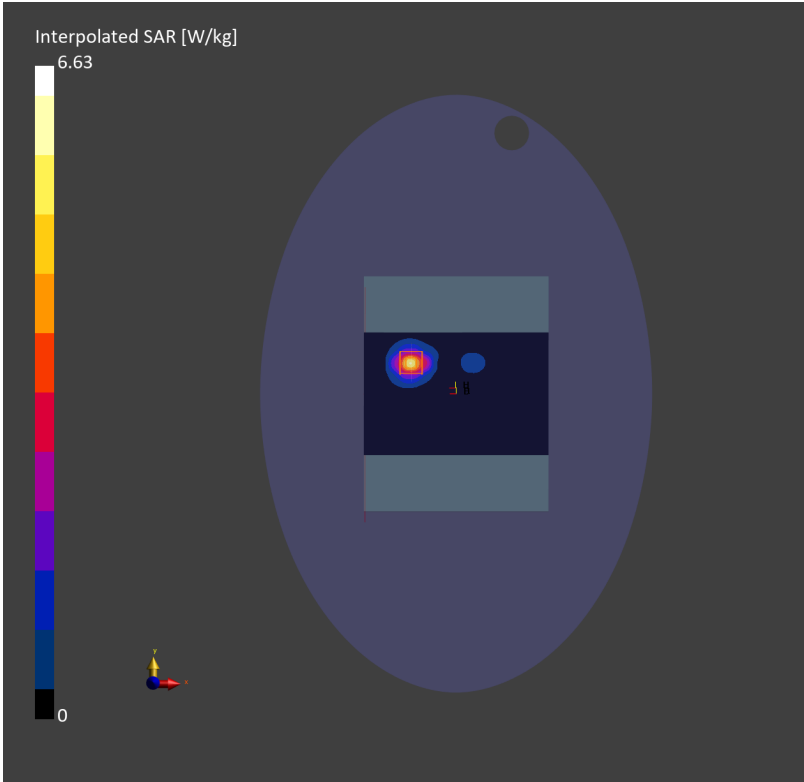
GBS-2104-G

Communication System: PCS 1900; Frequency: 1880.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1880.000 MHz; σ = 1.38 S/m; ϵ_r = 40.3

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(8.03, 8.03, 8.03); Calibrated: 2026-02-02
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2025-08-15
 - Phantom: ELI V8.0 (20deg probe tilt); Serial: 2219
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (160.0 mm x 100.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 4.28 W/kg; SAR (10g) = 2.09 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 = 0.16 dB
SAR (1g) = 4.63 W/kg; SAR (10g) = 2.53 W/kg;
M2/M1 [%]=62.9
Dist 3dB Peak [mm]=9.9



GBS-2104-G CAT M1 Band 2 20M QPSK 1RB0 19100CH Front side 0mm

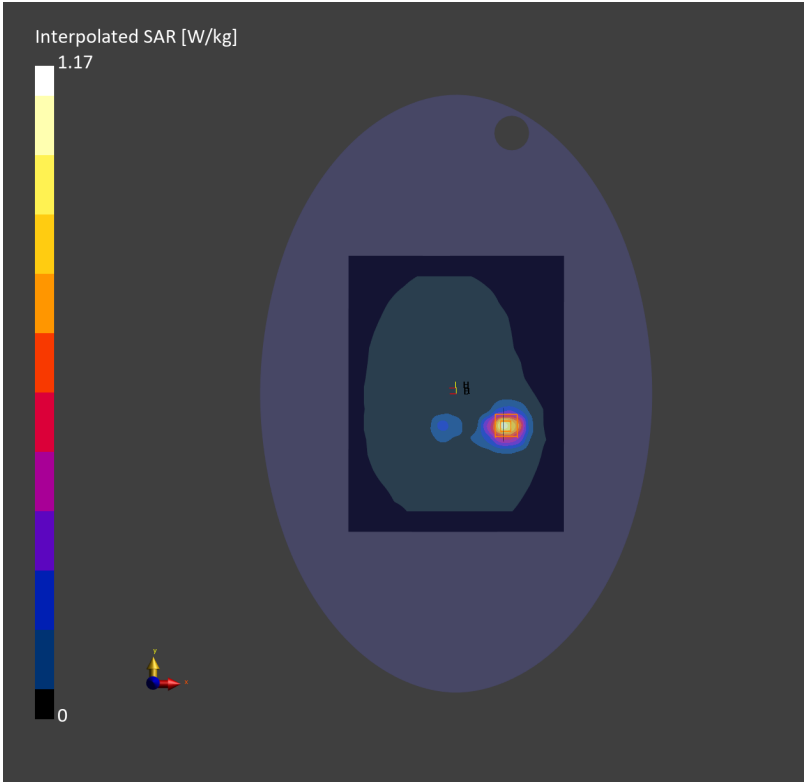
GBS-2104-G

Communication System: Band 2; Frequency: 1900.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1900.000 MHz; σ = 1.39 S/m; ϵ_r = 40.6

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(8.03, 8.03, 8.03); Calibrated: 2026-02-02
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2025-08-15
 - Phantom: ELI V8.0 (20deg probe tilt); Serial: 2219
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (210.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.822 W/kg; SAR (10g) = 0.425 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 = 0.14 dB
SAR (1g) = 0.923 W/kg; SAR (10g) = 0.536 W/kg;
M2/M1 [%]=74.4
Dist 3dB Peak [mm]=10.8



GBS-2104-G CAT M1 Band 4 20M QPSK 1RB0 20175CH Front side 0mm

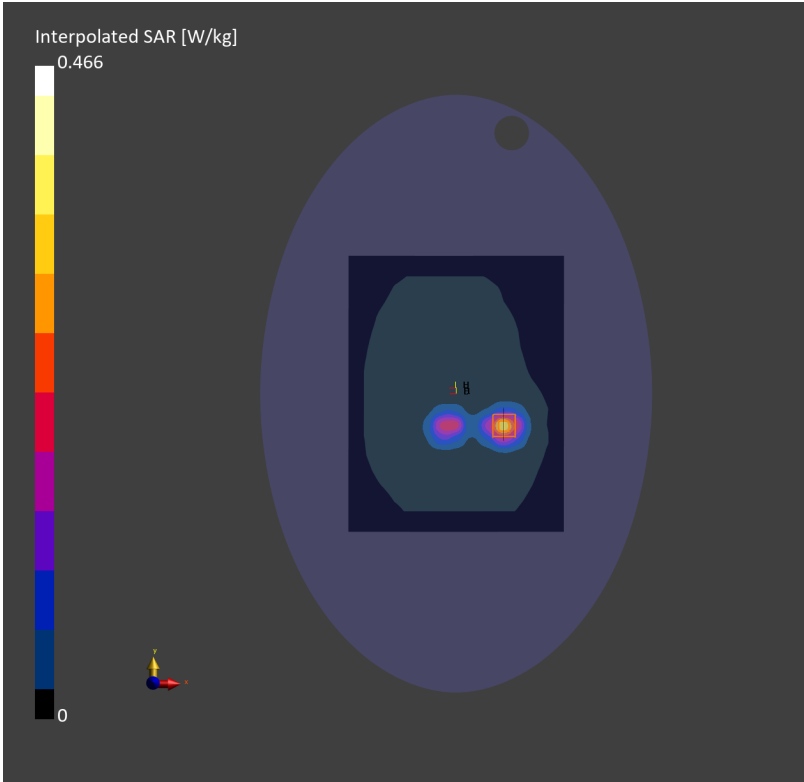
GBS-2104-G

Communication System: Band 4; Frequency: 1732.500
Medium: Head Simulating Liquid. Medium parameters used: f= 1732.500 MHz; σ = 1.36 S/m; ϵ_r = 40.7

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(8.4, 8.4, 8.4); Calibrated: 2026-02-02
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2025-08-15
 - Phantom: ELI V8.0 (20deg probe tilt); Serial: 2219
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (210.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.275 W/kg; SAR (10g) = 0.146 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 = 0.06 dB
SAR (1g) = 0.300 W/kg; SAR (10g) = 0.179 W/kg;
M2/M1 [%]=69.8
Dist 3dB Peak [mm]=11.7



GBS-2104-G CAT M1 Band 12 10M QPSK 1RB0 23095CH Front side 0mm

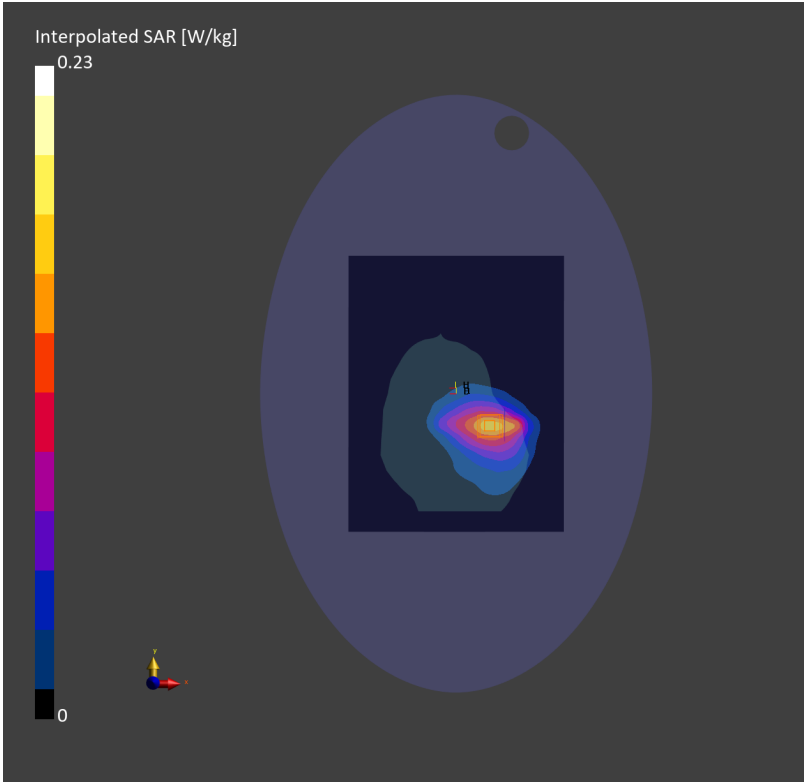
GBS-2104-G

Communication System: Band 12; Frequency: 707.500
Medium: Head Simulating Liquid. Medium parameters used: f= 707.500 MHz; σ = 0.881 S/m; ϵ_r = 40.3

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(10.2, 10.2, 10.2); Calibrated: 2026-02-02
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2025-08-15
 - Phantom: ELI V8.0 (20deg probe tilt); Serial: 2219
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (210.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.145 W/kg; SAR (10g) = 0.096 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 = 0.06 dB
SAR (1g) = 0.150 W/kg; SAR (10g) = 0.105 W/kg;
M2/M1 [%]=64.1
Dist 3dB Peak [mm]=14.4



GBS-2104-G CAT M1 Band 13 10M QPSK 1RB2 23230CH Front side 0mm

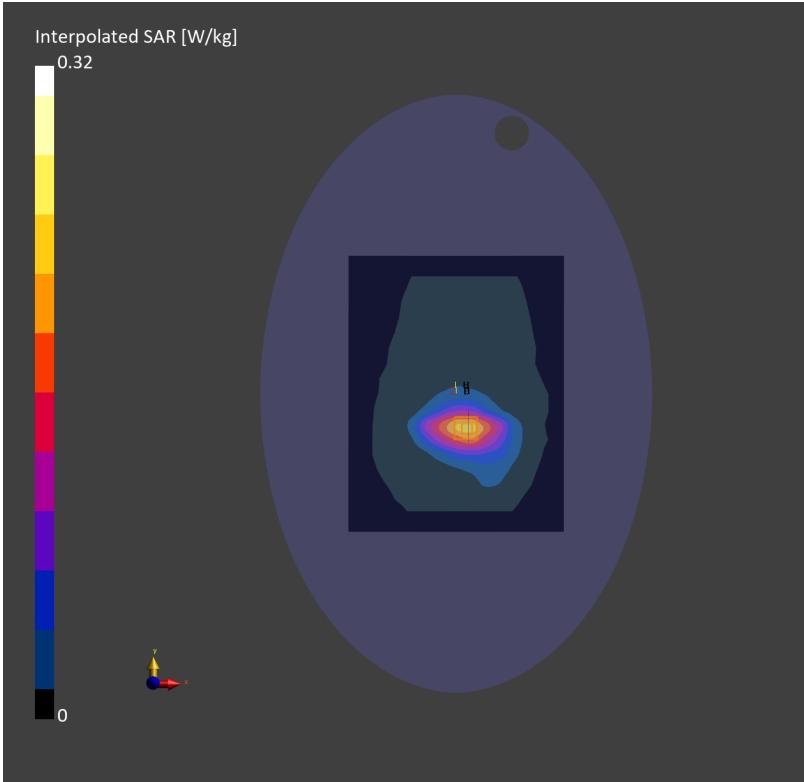
GBS-2104-G

Communication System: Band 13; Frequency: 782.000
Medium: Head Simulating Liquid. Medium parameters used: f= 782.000 MHz; σ = 0.915 S/m; ϵ_r = 40.0

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(10.2, 10.2, 10.2); Calibrated: 2026-02-02
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2025-08-15
 - Phantom: ELI V8.0 (20deg probe tilt); Serial: 2219
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (210.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.200 W/kg; SAR (10g) = 0.132 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 = 0.06 dB
SAR (1g) = 0.209 W/kg; SAR (10g) = 0.145 W/kg;
M2/M1 [%]=69.1
Dist 3dB Peak [mm]=14.5



GBS-2104-G CAT M1 Band 25 20M QPSK 1RB0 26365CH Front side 0mm

GBS-2104-G

Communication System: Band 25; Frequency: 1882.500
Medium: Head Simulating Liquid. Medium parameters used: f= 1882.500 MHz; σ = 1.39 S/m; ϵ_r = 40.6

- DASY8 Configuration:
- Probe: EX3DV4 - SN7838; ConvF(8.03, 8.03, 8.03); Calibrated: 2026-02-02
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2025-08-15
 - Phantom: ELI V8.0 (20deg probe tilt); Serial: 2219
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (210.0 mm x 270.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.634 W/kg; SAR (10g) = 0.333 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 = 0.07 dB
SAR (1g) = 0.737 W/kg; SAR (10g) = 0.437 W/kg;
M2/M1 [%]=72.8
Dist 3dB Peak [mm]=11.2

