

Appendix B

Detailed Test Results

CatM Band 2 for Limbs
CatM Band 4 for Limbs
CatM Band 12 for Limbs
CatM Band 13 for Limbs

SGS-SAR LabDate: 2024-04-20

BGM 2280-A CatM Band 2 20M QPSK 1RB5 19100CH Back side 0mm

Communication System: Band 2; Frequency: 1900.000

Medium: HSL. Medium parameters used: $f = 1900.000$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 40.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(8.63, 8.63, 8.63); Calibrated: 2023-06-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

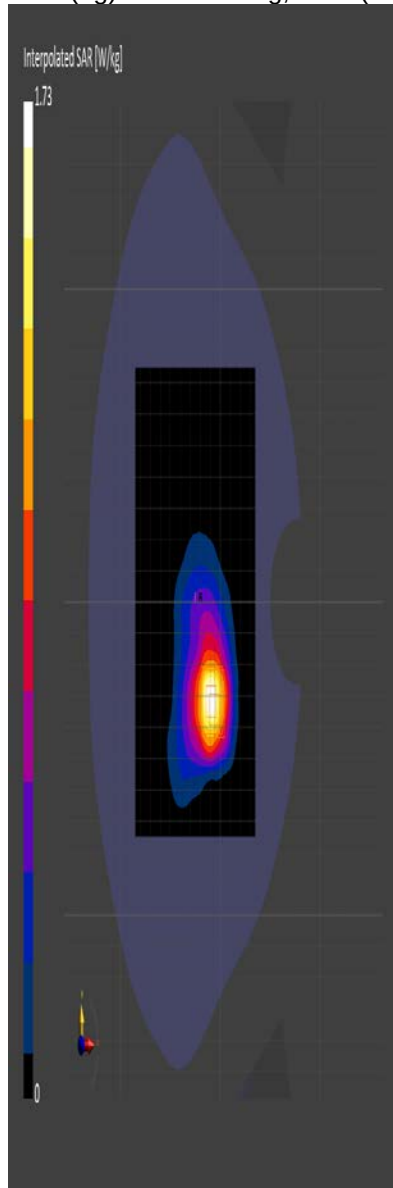
Area Scan (120.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.534 W/kg; SAR (10g) = 0.292 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 5.0 mm

Power Drift = -0.16 dB

SAR (1g) = 0.676 W/kg; SAR (10g) = 0.349 W/kg;



SGS-SAR LabDate: 2024-04-20

BGM 2280-A CatM Band 4 20M QPSK 1RB0 20050CH Left side 0mm

Communication System: Band 4; Frequency: 1720.000

Medium: HSL. Medium parameters used: $f = 1720.000$ MHz; $\sigma = 1.29$ S/m; $\epsilon_r = 40.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(8.89, 8.89, 8.89); Calibrated: 2023-06-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

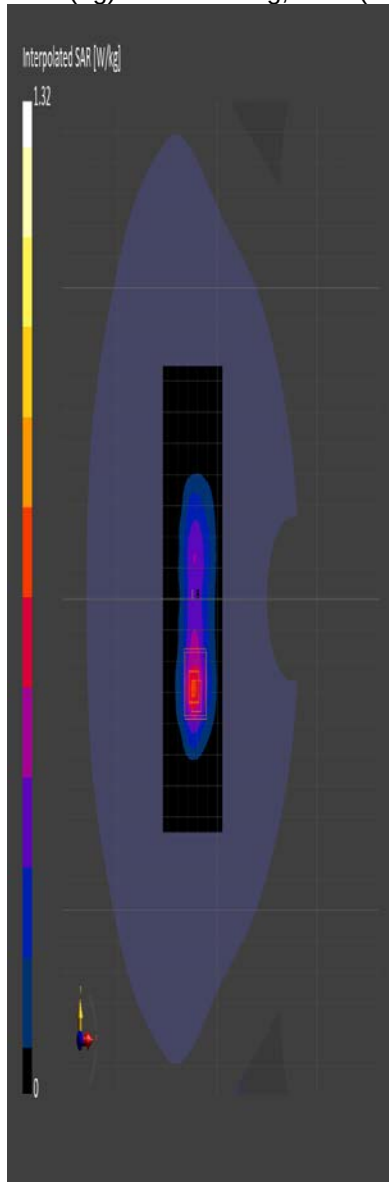
Area Scan (60.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.545 W/kg; SAR (10g) = 0.282 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 5.0 mm

Power Drift = -0.14 dB

SAR (1g) = 0.593 W/kg; SAR (10g) = 0.295 W/kg;



SGS-SAR LabDate: 2024-04-19

BGM 2280-A CatM Band 12 10M QPSK 1RB0 23095CH Right side 0mm

Communication System: Band 12; Frequency: 707.500

Medium: HSL. Medium parameters used: $f = 707.500$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 43.8$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(10.76, 10.76, 10.76); Calibrated: 2023-06-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

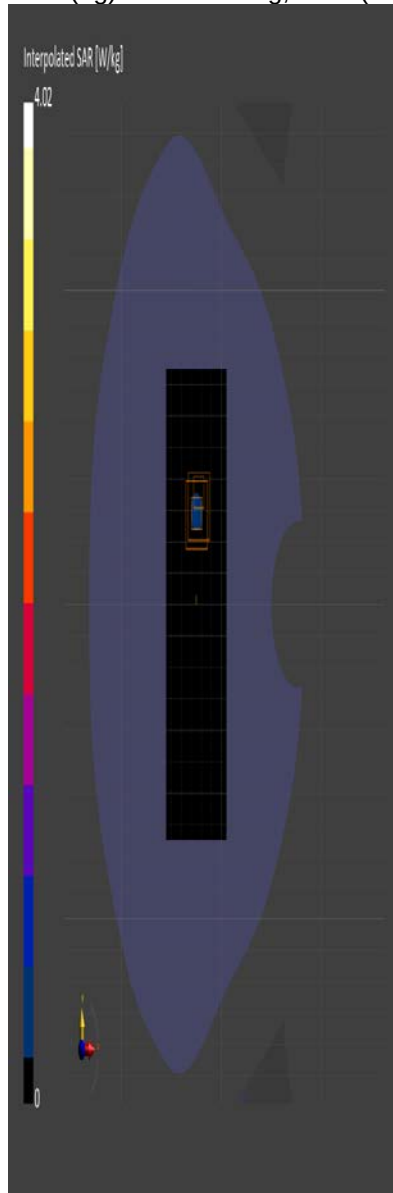
Area Scan (60.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.336 W/kg; SAR (10g) = 0.178 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 5.0 mm

Power Drift = -0.07 dB

SAR (1g) = 0.535 W/kg; SAR (10g) = 0.164 W/kg;



SGS-SAR LabDate: 2024-04-19

BGM 2280-A CatM Band 13 10M QPSK 1RB0 23230CH Back side 0mm

Communication System: Band 13; Frequency: 782.000

Medium: HSL. Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 43.5$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(10.76, 10.76, 10.76); Calibrated: 2023-06-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

Area Scan (120.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.226 W/kg; SAR (10g) = 0.151 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 5.0 mm

Power Drift = 0.08 dB

SAR (1g) = 0.227 W/kg; SAR (10g) = 0.144 W/kg;

