



Appendix B

Detailed Test Results

1. WCDMA
WCDMA Band II for Body
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2. LTE
LTE Band 2 for Body
LTE Band 4 for Body
LTE Band 5 for Body
LTE Band 7 for Body
LTE Band 12 for Body
LTE Band 13 for Body
LTE Band 66 for Body
3. WIFI
WIFI 2.4G for Body
WIFI 5G for Body

Test Laboratory: SGS-SAR Lab

ASMHS01 WCDMA Band 2 9400CH Front side 15mm

DUT: ASMHS01; Type: Mobile WiFi; Serial: 860550050004160

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

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 39.86$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(8.98, 8.98, 8.98); Calibrated: 2021-02-05;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2020-10-20
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.501 W/kg

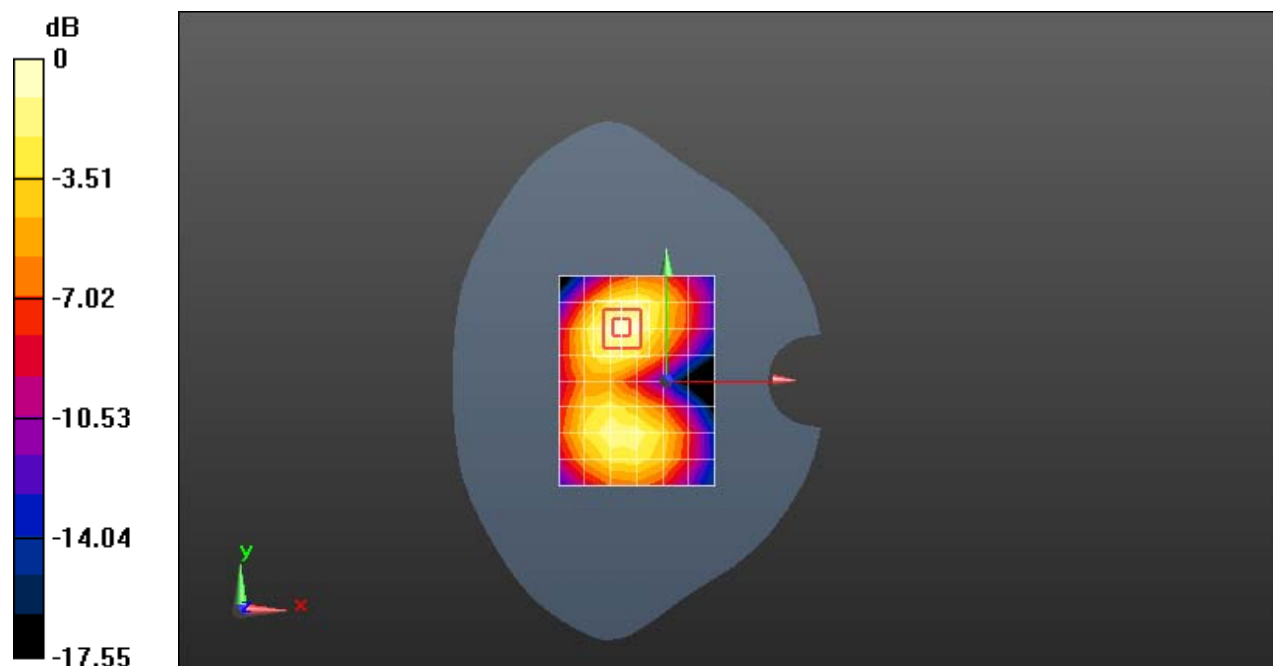
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.274 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.739 W/kg

SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.258 W/kg

Maximum value of SAR (measured) = 0.540 W/kg



0 dB = 0.540 W/kg = -2.68 dBW/kg

Test Laboratory: SGS-SAR Lab

ASMHS01 WCDMA Band 5 4182CH Front side 15mm

DUT: ASMHS01; Type: Mobile WiFi; Serial: 860550050004160

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 41.318$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(10.85, 10.85, 10.85); Calibrated: 2021-02-05;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2020-10-20
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.354 W/kg

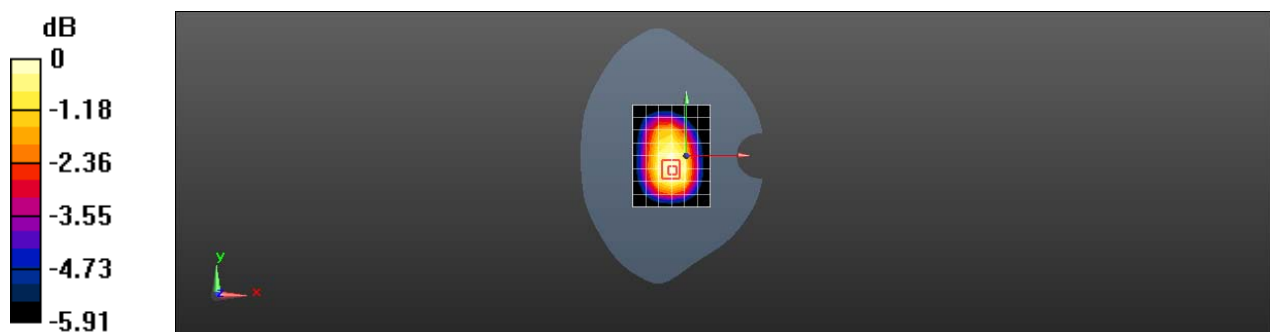
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.17 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.260 W/kg

Maximum value of SAR (measured) = 0.340 W/kg



0 dB = 0.340 W/kg = -4.69 dBW/kg

Test Laboratory: SGS-SAR Lab

ASMHS01 LTE Band 2 1RB50 20M QPSK 19100CH Front side 15mm

DUT: ASMHS01; Type: Mobile WiFi; Serial: 860550050004160

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1900 MHz;Duty Cycle: 1:1

Medium: HSL1900;Medium parameters used: $f = 1900$ MHz; $\sigma = 1.363$ S/m; $\epsilon_r = 39.817$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(8.98, 8.98, 8.98); Calibrated: 2021-02-05;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2020-10-20
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.05 W/kg

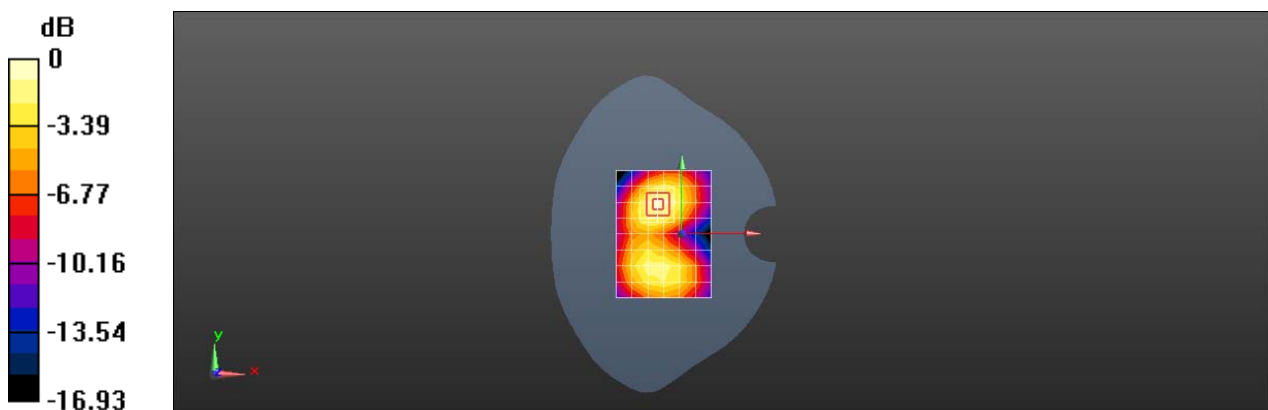
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.47 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.948 W/kg; SAR(10 g) = 0.553 W/kg

Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

Test Laboratory: SGS-SAR Lab

ASMHS01 LTE Band 4 1RB50 20175CH Front side 15mm

DUT: ASMHS01; Type: Mobile WiFi; Serial: 860550050004160

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.315$ S/m; $\epsilon_r = 40.753$; $\rho = 1000$ kg/m³

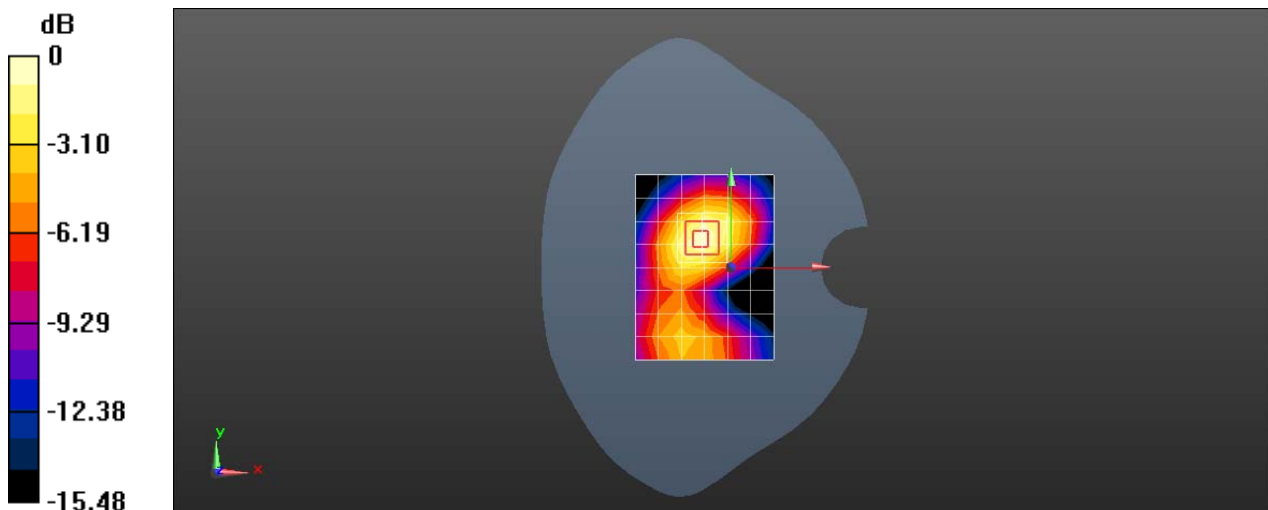
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(9.24, 9.24, 9.24); Calibrated: 2021-02-05;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2020-10-20
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.940 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.42 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.838 W/kg; SAR(10 g) = 0.505 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

Test Laboratory: SGS-SAR Lab

ASMHS01 LTE Band 5 1RB25 20600CH Front side 15mm

DUT: ASMHS01; Type: Mobile WiFi; Serial: 860550050004160

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 844 MHz;Duty Cycle: 1:1

Medium: HSL835;Medium parameters used: $f = 844$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 41.25$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(10.85, 10.85, 10.85); Calibrated: 2021-02-05;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2020-10-20
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.03 W/kg

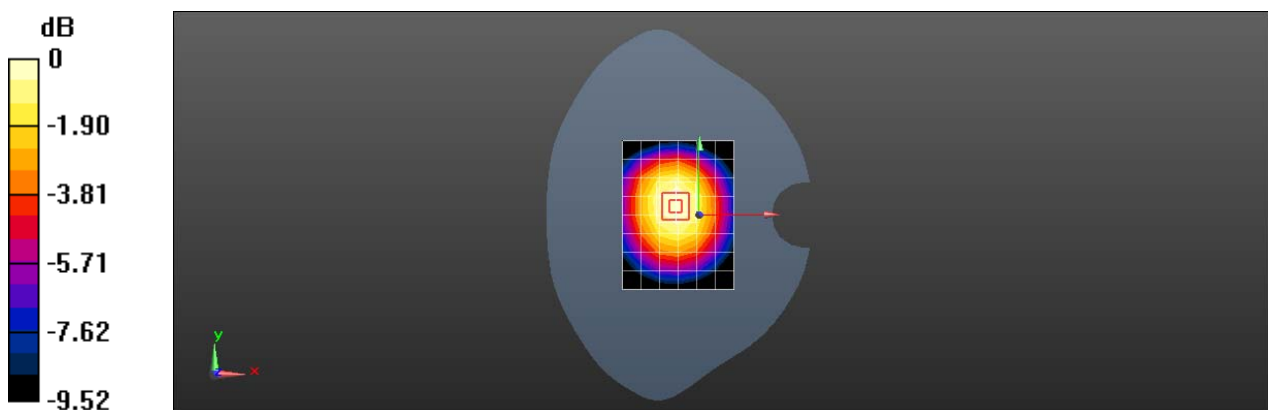
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.20 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.671 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



Test Laboratory: SGS-SAR Lab

ASMHS01 LTE Band 7 20M QPSK 1RB50 21100CH Front side 15mm

DUT: ASMHS01; Type: Mobile WiFi; Serial: 860550050004160

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

Medium: HSL2600;Medium parameters used: $f = 2535$ MHz; $\sigma = 1.899$ S/m; $\epsilon_r = 37.932$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(8.06, 8.06, 8.06); Calibrated: 2021-02-05;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2020-10-20
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (9x13x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.804 W/kg

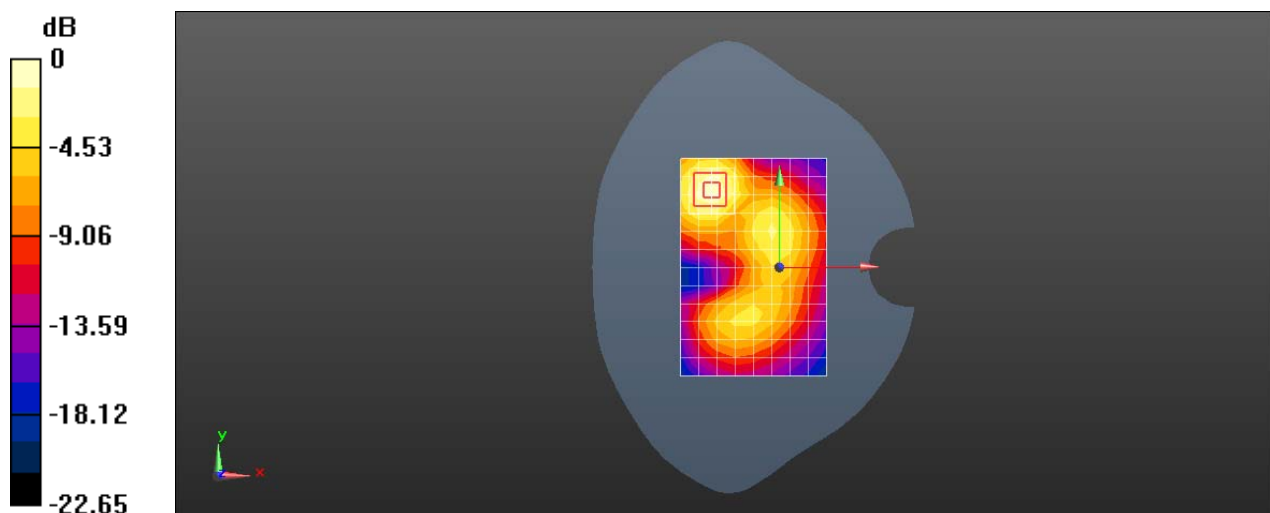
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.781 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.363 W/kg

Maximum value of SAR (measured) = 0.840 W/kg



0 dB = 0.840 W/kg = -0.76 dBW/kg

Test Laboratory: SGS-SAR Lab

ASMHS01 LTE Band 12 1RB25 23095CH Front side 10mm

DUT: ASMHS01; Type: Mobile WiFi; Serial: 860550050004160

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

Medium: HSL750;Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.852$ S/m; $\epsilon_r = 42.188$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(11.14, 11.14, 11.14); Calibrated: 2021-02-05;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2020-10-20
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.802 W/kg

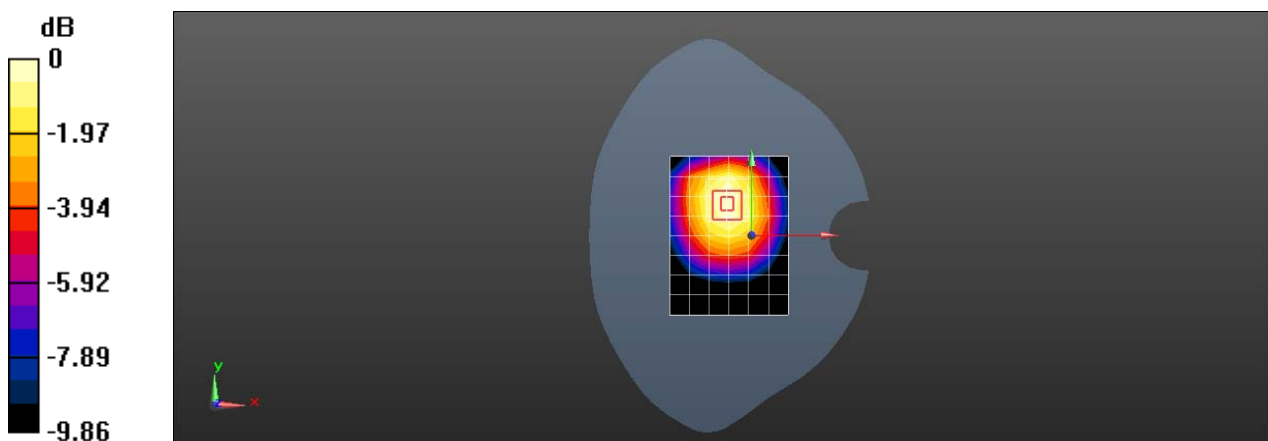
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.89 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.871 W/kg

SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.467 W/kg

Maximum value of SAR (measured) = 0.790 W/kg



0 dB = 0.790 W/kg = -1.02 dBW/kg

Test Laboratory: SGS-SAR Lab

ASMHS01 LTE Band 13 1RB25 23230CH Front side 15mm

DUT: ASMHS01; Type: Mobile WiFi; Serial: 860550050004160

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

Medium: HSL750;Medium parameters used: $f = 782$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 41.077$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(11.14, 11.14, 11.14); Calibrated: 2021-02-05;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2020-10-20
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (9x13x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.03 W/kg

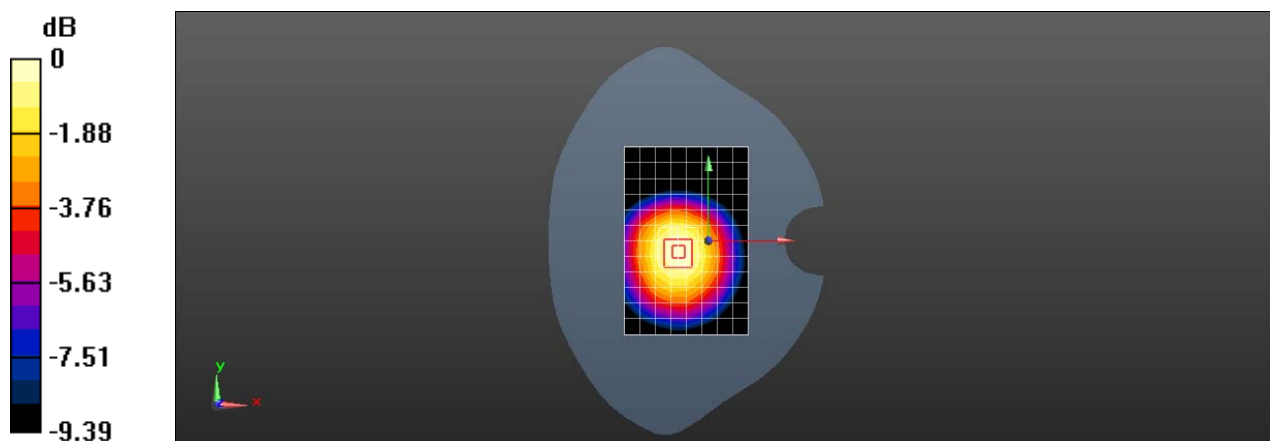
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 31.23 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.929 W/kg; SAR(10 g) = 0.667 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

Test Laboratory: SGS-SAR Lab

ASMHS01 LTE Band 66 1RB50 132322CH Front side 15mm

DUT: ASMHS01; Type: Mobile WiFi; Serial: 860550050004160

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

Medium: HSL1750;Medium parameters used: $f = 1745$ MHz; $\sigma = 1.327$ S/m; $\epsilon_r = 40.712$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(9.24, 9.24, 9.24); Calibrated: 2021-02-05;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2020-10-20
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373))

Configuration/Body/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.787 W/kg

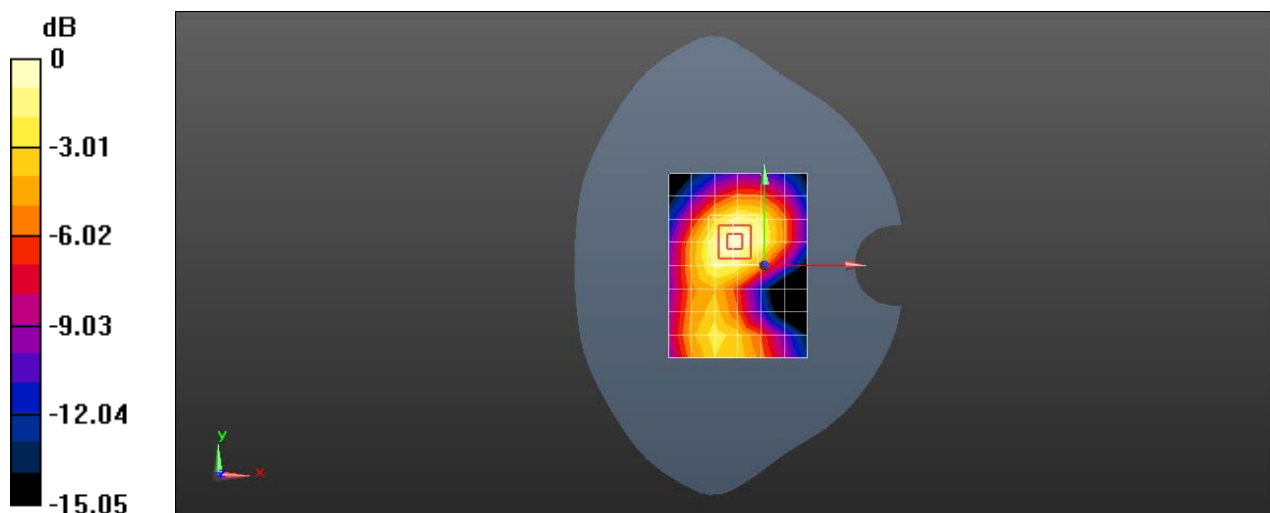
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.42 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.674 W/kg; SAR(10 g) = 0.418 W/kg

Maximum value of SAR (measured) = 0.791 W/kg



Test Laboratory: SGS-SAR Lab

ASMHS01 Wifi 2.4G 802.11b 6CH Left side 10mm

DUT: ASMHS01; Type: Mobile WiFi; Serial: 860550050004160

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL2.4G;Medium parameters used: $f = 2437$ MHz; $\sigma = 1.822$ S/m; $\epsilon_r = 38.669$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.92, 6.92, 6.92); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2020-12-30
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.822 W/kg

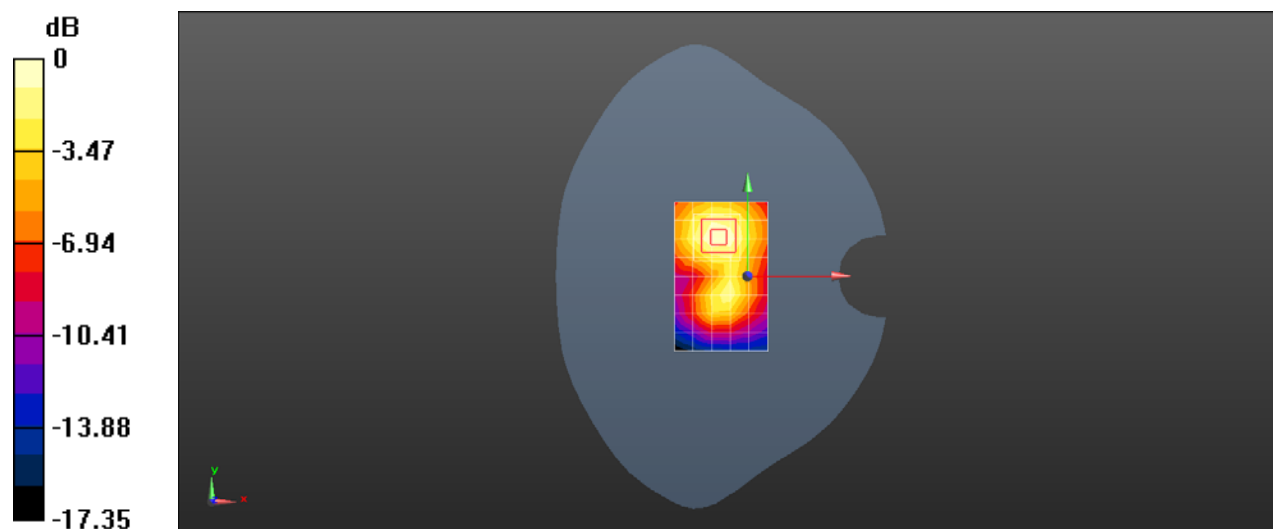
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.94 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.282 W/kg

Maximum value of SAR (measured) = 0.846 W/kg



0 dB = 0.822 W/kg = -0.85 dBW/kg

Test Laboratory: SGS-SAR Lab

ASMHS01 Wifi 5G 802.11a 56CH Front side 15mm

DUT: ASMHS01; Type: Mobile WiFi; Serial: 860550050004160

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5280 MHz;Duty Cycle: 1:1

Medium: HSL5G;Medium parameters used: $f = 5280$ MHz; $\sigma = 4.71$ S/m; $\epsilon_r = 35.632$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(5.7, 5.7, 5.7); Calibrated: 2020-10-28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2020-10-20
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.29 W/kg

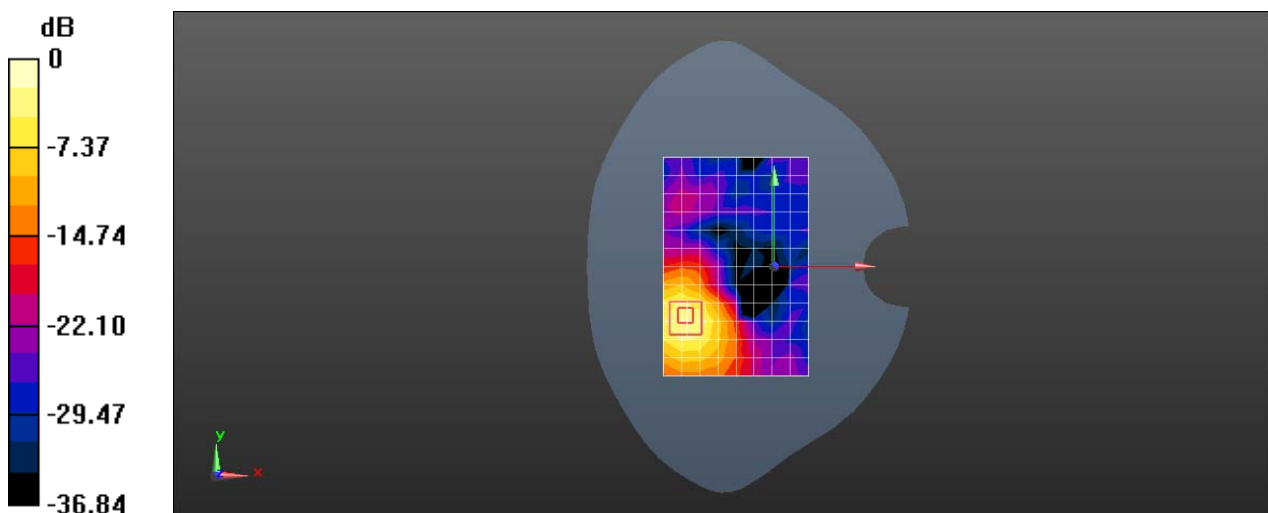
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.4400 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 3.27 W/kg

SAR(1 g) = 0.949 W/kg; SAR(10 g) = 0.371 W/kg

Maximum value of SAR (measured) = 2.11 W/kg



0 dB = 2.11 W/kg = 3.24 dBW/kg