

Appendix B

Detailed Test Results

1. GSM
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WIFI 2.4GHz for Body

Test Laboratory: SGS-SAR/HAC Lab

R240h GSM850 GPRS 4TS 190CH Back side 10mm-sensor on

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.0797

Medium: MSL835; Medium parameters used: $f = 837$ MHz; $\sigma = 1.006$ S/m; $\epsilon_r = 56.612$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.87, 9.87, 9.87); Calibrated: 2016/12/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/2/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.645 W/kg

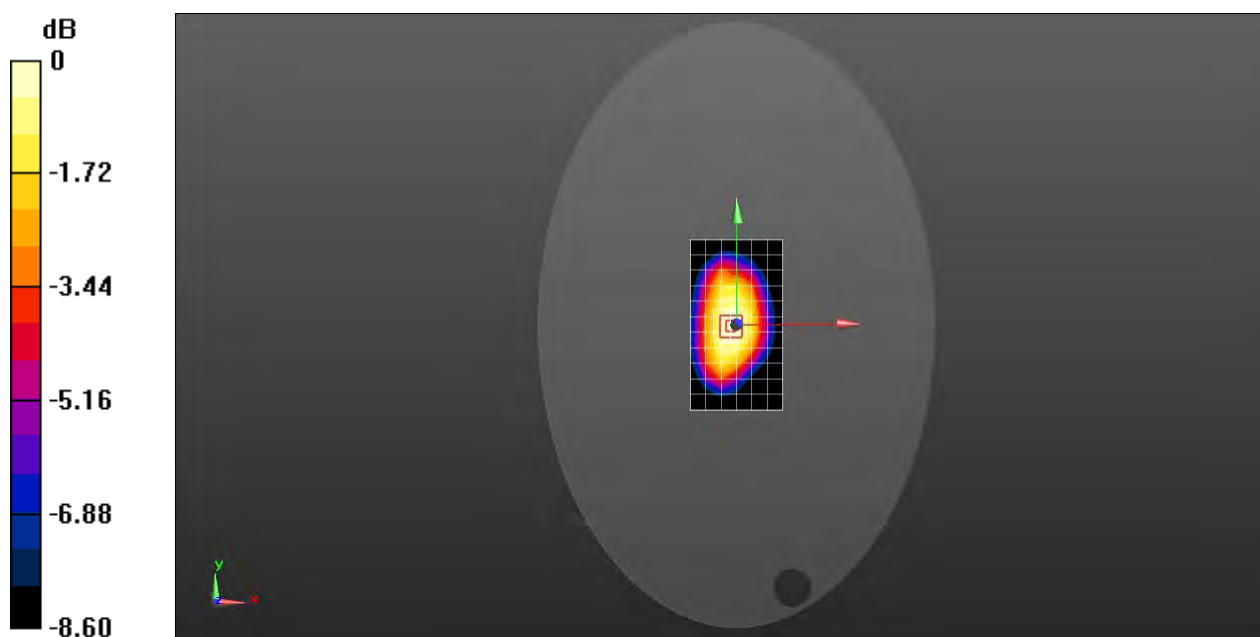
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.51 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.720 W/kg

SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.435 W/kg

Maximum value of SAR (measured) = 0.664 W/kg



0 dB = 0.664 W/kg = -1.78 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h GSM850 GPRS 4TS 128CH Front side 22mm-sensor off

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.0797

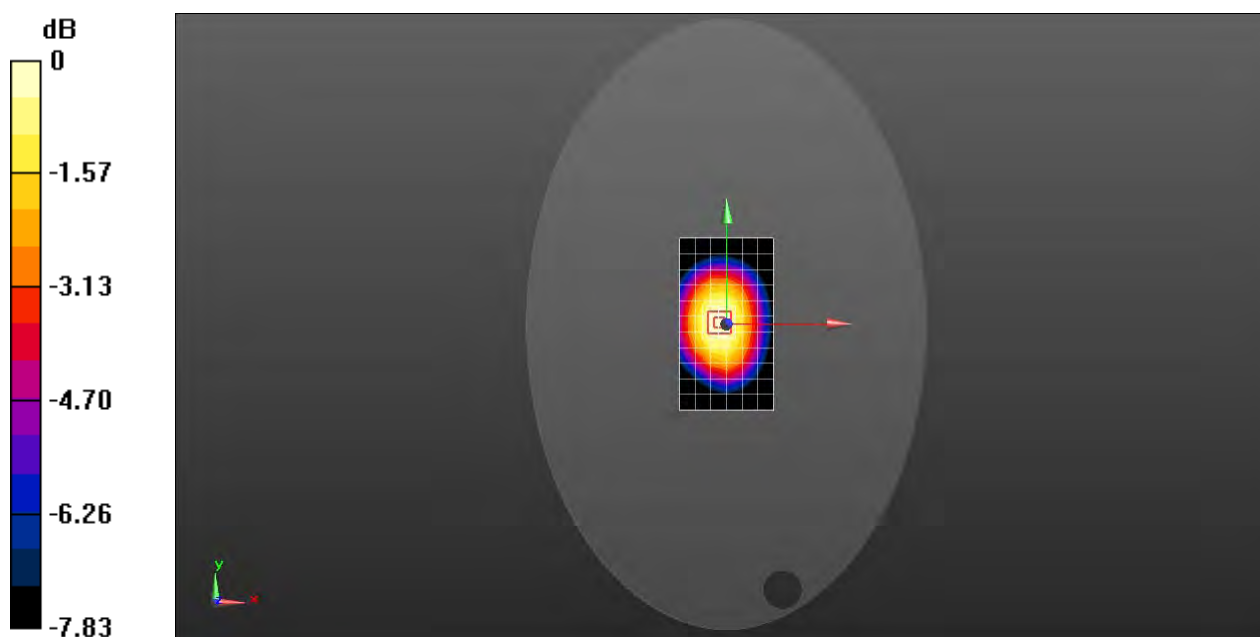
Medium: MSL835; Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.988$ S/m; $\epsilon_r = 56.416$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.87, 9.87, 9.87); Calibrated: 2016/12/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/2/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.768 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 26.93 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.868 W/kg
SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.525 W/kg
Maximum value of SAR (measured) = 0.799 W/kg



0 dB = 0.799 W/kg = -0.97 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h GSM1900 GPRS 4TS 661CH Bottom side-10mm-sensor off

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:2.0797

Medium: MSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.502$ S/m; $\epsilon_r = 53.457$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.82, 7.82, 7.82); Calibrated: 2016/12/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/2/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.307 W/kg

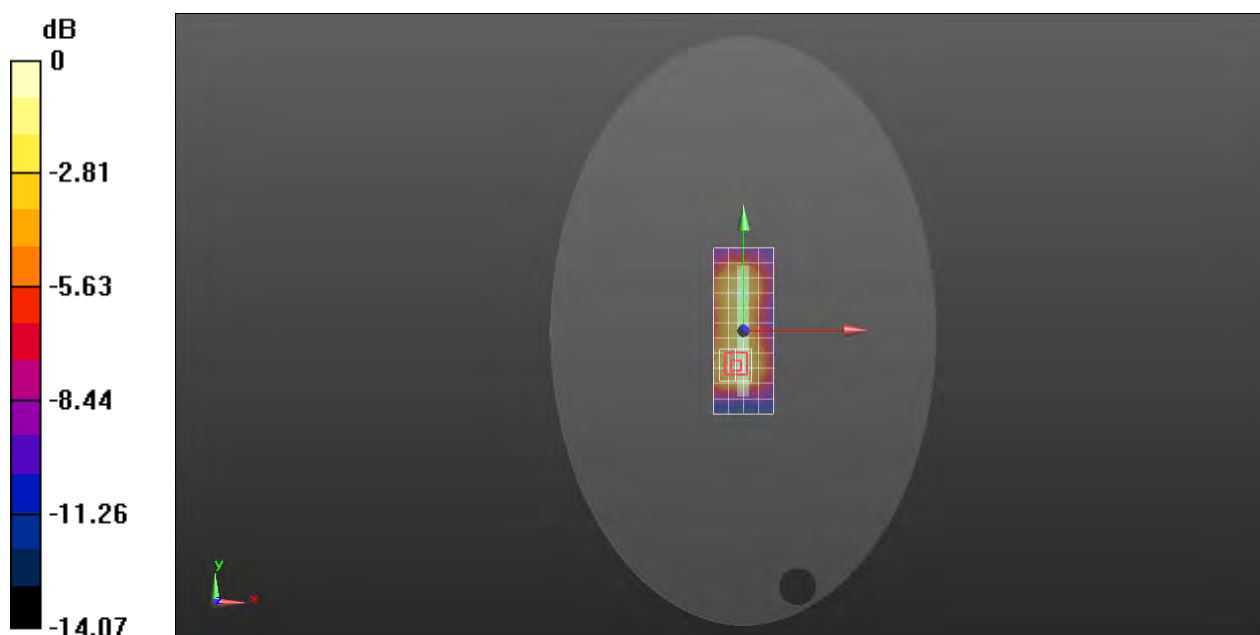
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.66 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 0.341 W/kg



0 dB = 0.341 W/kg = -4.67 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h GSM1900 GPRS 4TS 661CH Front side 10mm with Battery2#-sensor on

DUT: R240h; Type: Mobile WiFi; Serial: 865231030026517

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:2.0797

Medium: MSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.502$ S/m; $\epsilon_r = 53.457$; $\rho = 1000$ kg/m³

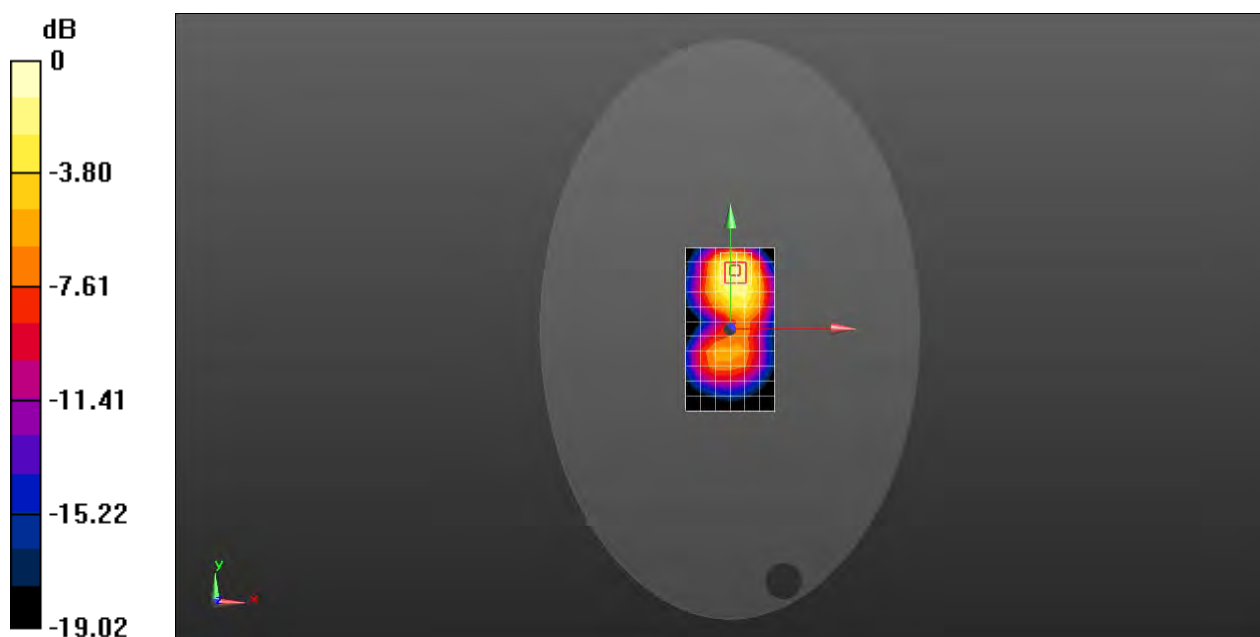
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.82, 7.82, 7.82); Calibrated: 2016/12/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/2/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.639 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 7.838 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.610 W/kg; SAR(10 g) = 0.359 W/kg
Maximum value of SAR (measured) = 0.818 W/kg



0 dB = 0.818 W/kg = -0.87 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h WCDMA Band II RMC 9538CH Right side 10mm with Battery2#-sensor on

DUT: R240h; Type: Mobile WiFi; Serial: 865231030026517

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL1900; Medium parameters used: $f = 1908$ MHz; $\sigma = 1.516$ S/m; $\epsilon_r = 53.119$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.82, 7.82, 7.82); Calibrated: 2016/12/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/2/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x9x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.928 W/kg

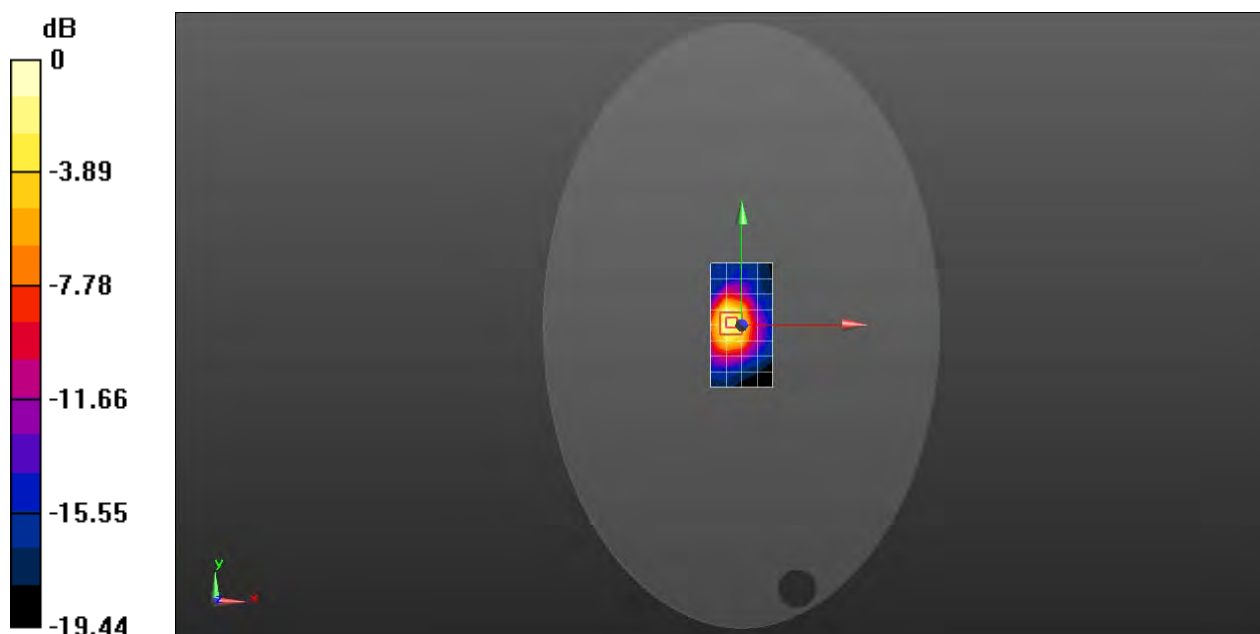
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.88 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.440 W/kg

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



0 dB = 1.09 W/kg = 0.37 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h WCDMA Band II RMC 9538CH Front side 16mm-sensor off

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL1900; Medium parameters used: $f = 1908$ MHz; $\sigma = 1.516$ S/m; $\epsilon_r = 53.119$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.82, 7.82, 7.82); Calibrated: 2016/12/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/2/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.857 W/kg

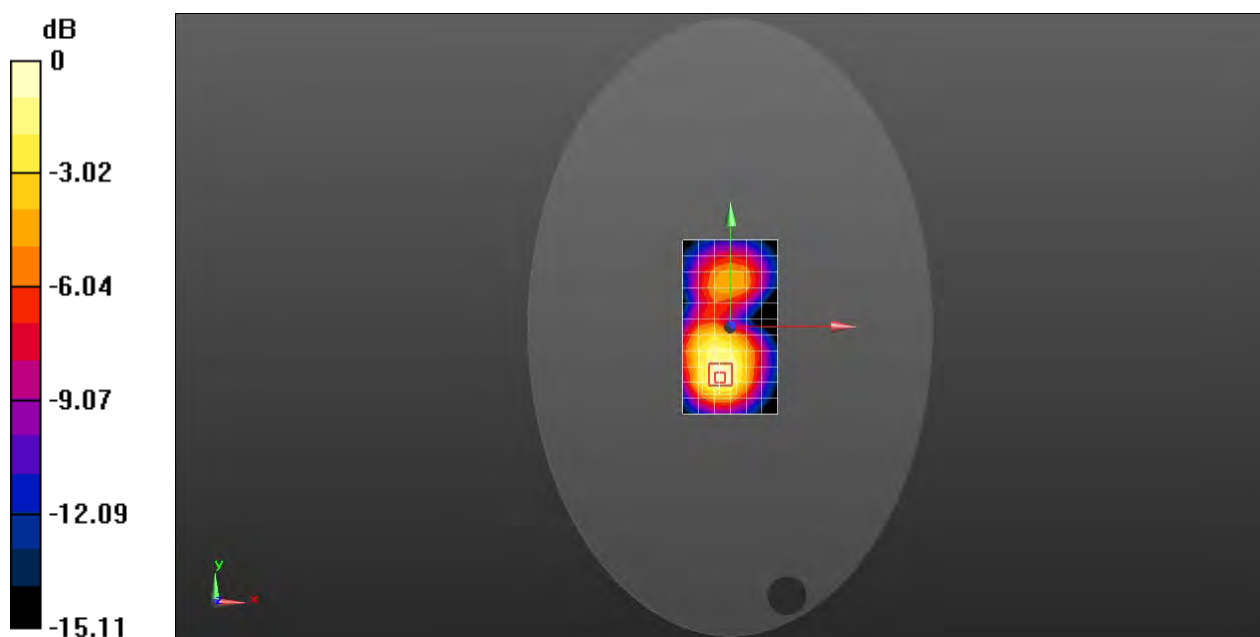
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.01 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.713 W/kg; SAR(10 g) = 0.442 W/kg

Maximum value of SAR (measured) = 0.932 W/kg



0 dB = 0.932 W/kg = -0.31 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h WCDMA Band IV RMC 1412CH Back side 10mm-sensor on

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

Communication System: UID 0, WCDMA (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Medium: MSL1750; Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.523$ S/m; $\epsilon_r = 52.962$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.36, 7.36, 7.36); Calibrated: 2017/1/13;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2016/8/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.757 W/kg

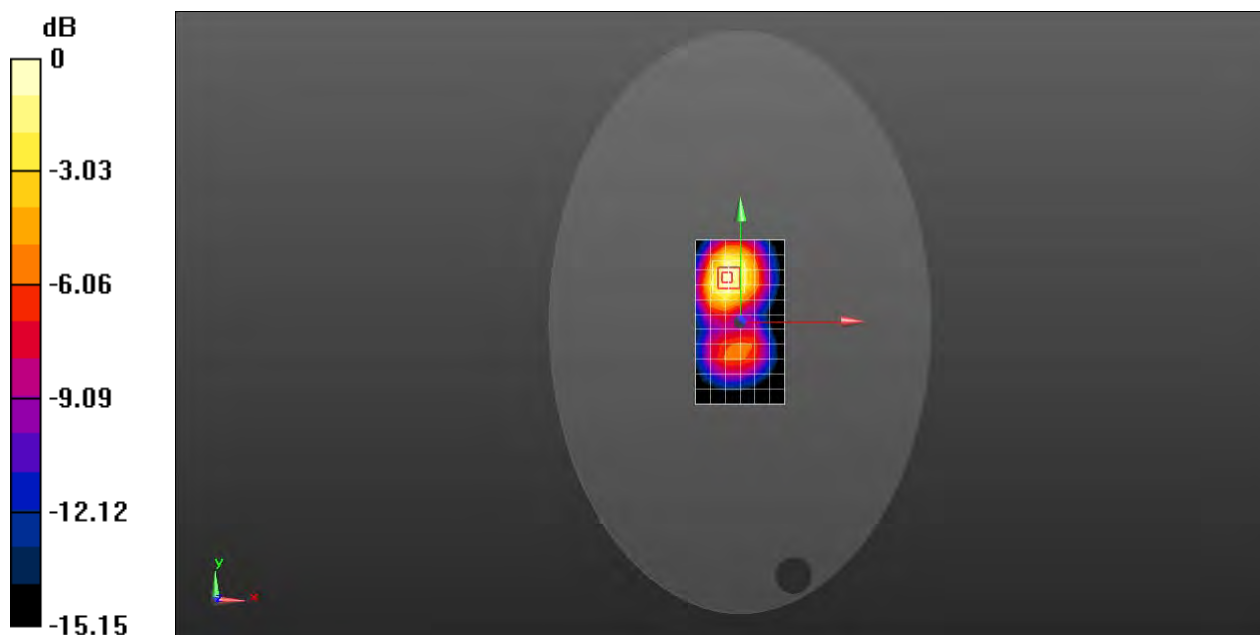
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.314 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.974 W/kg

SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.414 W/kg

Maximum value of SAR (measured) = 0.834 W/kg



0 dB = 0.834 W/kg = -0.79 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h WCDMA Band IV RMC 1312CH Front side 16mm-sensor off

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

Communication System: UID 0, WCDMA (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL1750; Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.498$ S/m; $\epsilon_r = 52.655$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.36, 7.36, 7.36); Calibrated: 2017/1/13;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2016/8/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.936 W/kg

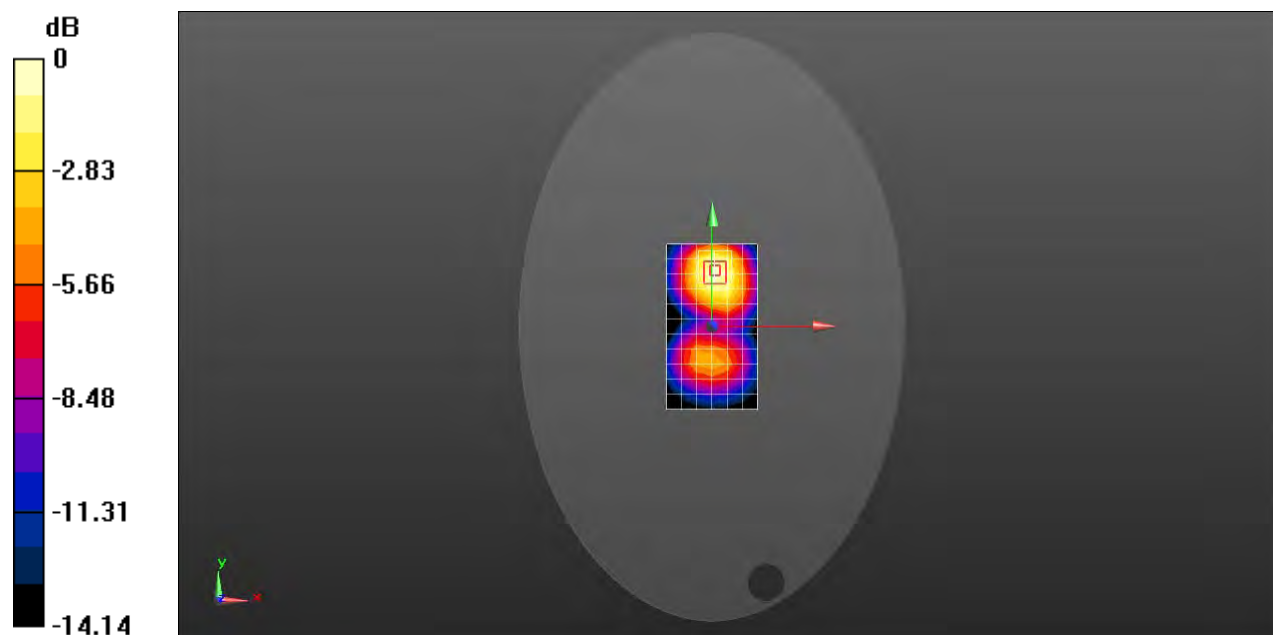
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.062 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.500 W/kg

Maximum value of SAR (measured) = 0.977 W/kg



0 dB = 0.977 W/kg = -0.10 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h WCDMA Band V RMC 4182CH Back side 10mm-sensor on

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

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

Medium: MSL835; Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 1.001$ S/m; $\epsilon_r = 56.442$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.87, 9.87, 9.87); Calibrated: 2016/12/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/2/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.611 W/kg

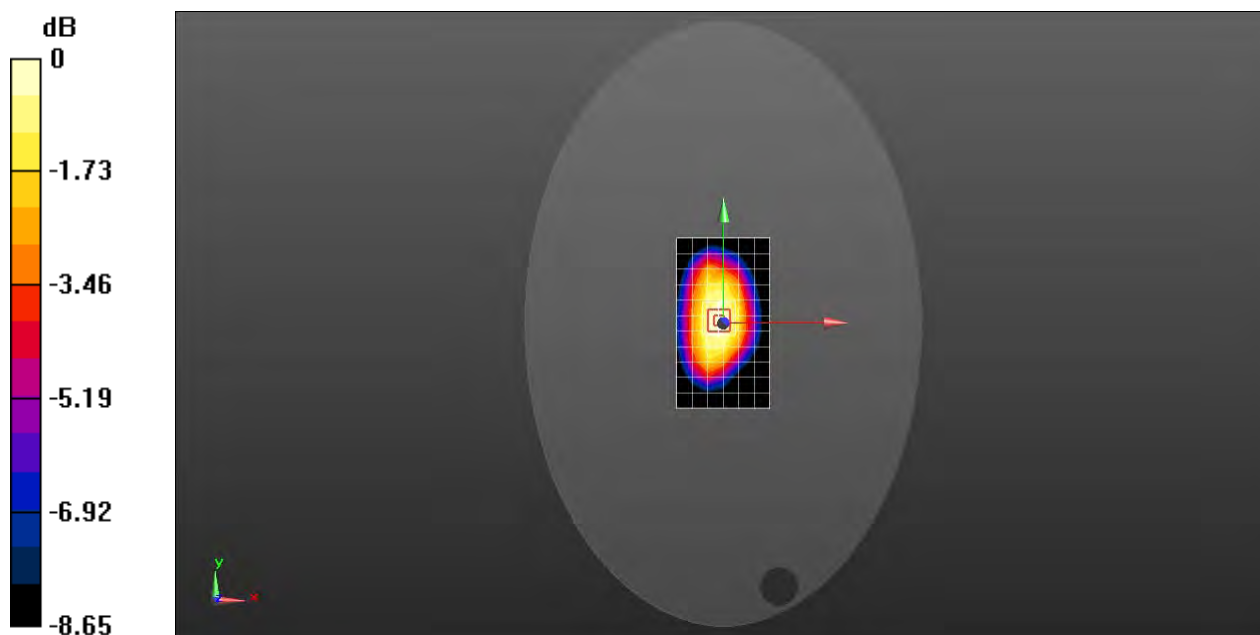
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.68 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.403 W/kg

Maximum value of SAR (measured) = 0.621 W/kg



0 dB = 0.621 W/kg = -2.07 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h WCDMA Band V RMC 4132CH Back side 16mm-sensor off

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL835; Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.994$ S/m; $\epsilon_r = 56.362$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.87, 9.87, 9.87); Calibrated: 2016/12/19;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/2/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.781 W/kg

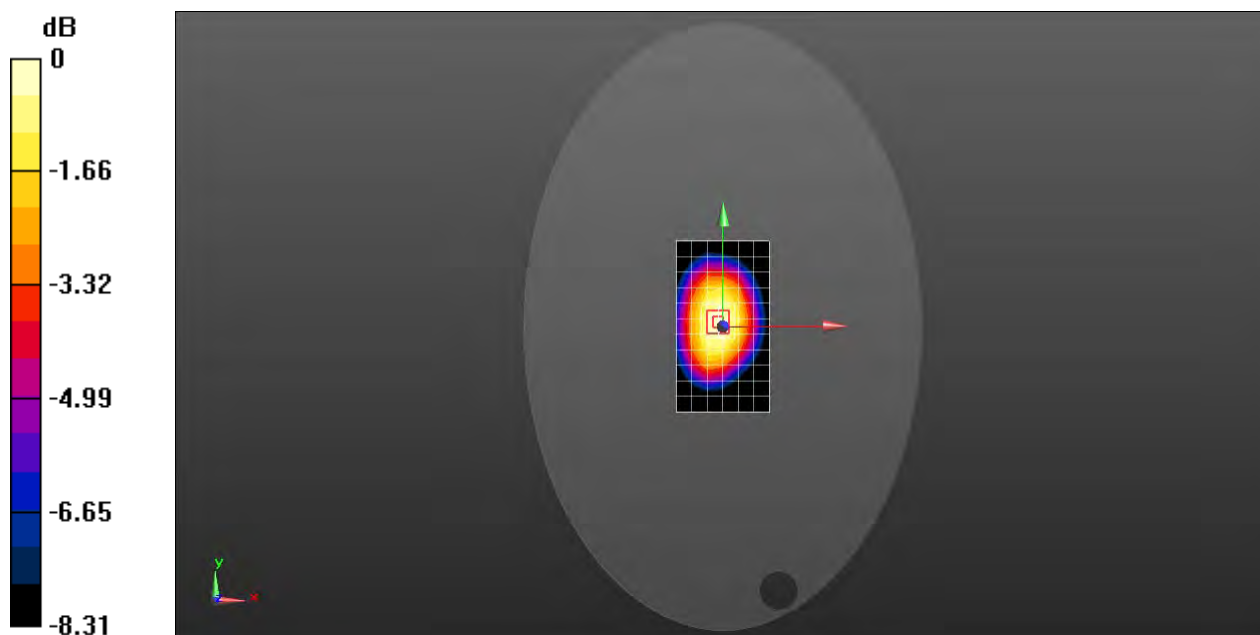
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.67 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.862 W/kg

SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.512 W/kg

Maximum value of SAR (measured) = 0.789 W/kg



0 dB = 0.789 W/kg = -1.03 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h LTE Band 2 20MHz bandwidth QPSK 50RB0 Offset 19100CH Front side 10mm-sensor on

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

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

Medium: MSL1900; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 53.19$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.06, 7.06, 7.06); Calibrated: 2017/1/13;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2016/8/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.974 W/kg

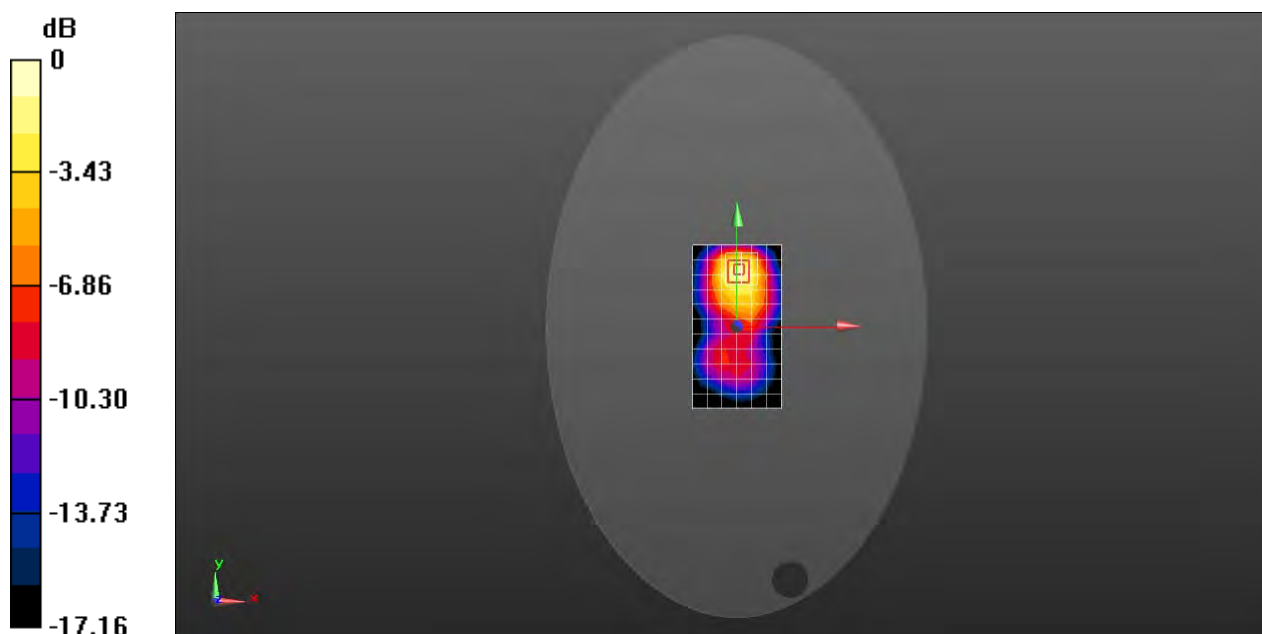
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.516 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.463 W/kg

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h LTE Band 2 20MHz bandwidth QPSK 1RB0 Offset 19100CH Front side 16mm-sensor off

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

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

Medium: MSL1900; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.513$ S/m; $\epsilon_r = 53.19$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.06, 7.06, 7.06); Calibrated: 2017/1/13;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2016/8/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.834 W/kg

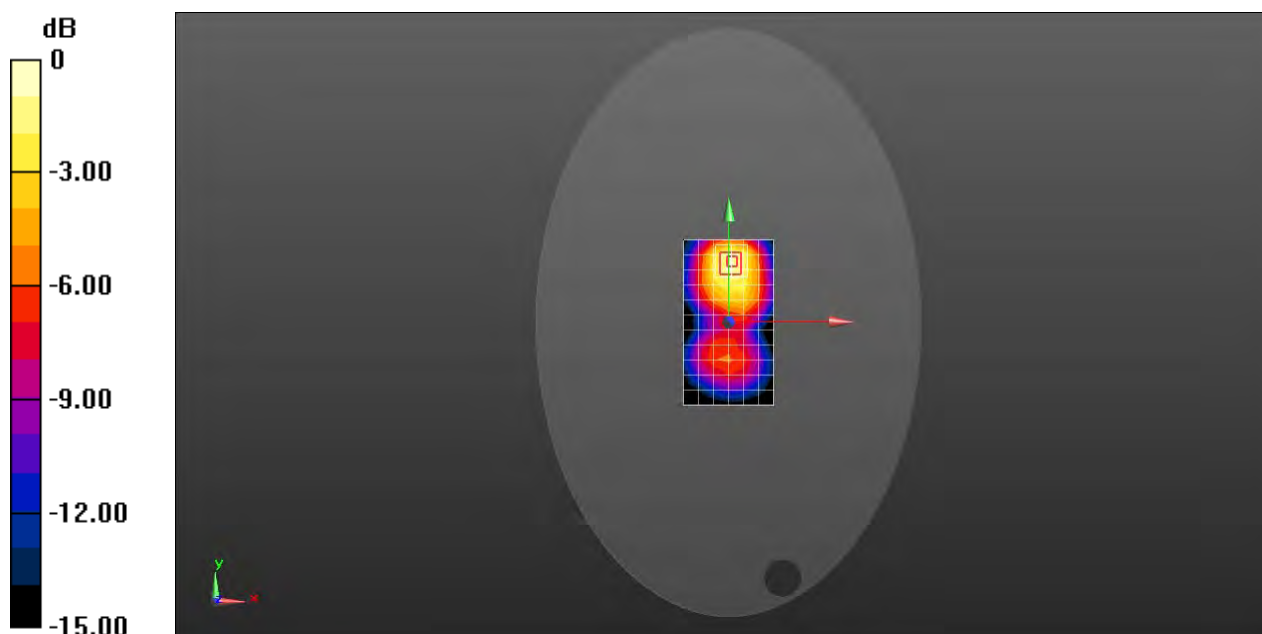
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.807 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.448 W/kg

Maximum value of SAR (measured) = 0.971 W/kg



0 dB = 0.971 W/kg = -0.13 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h LTE Band 4 20MHz bandwidth QPSK 100RB0 Offset 20050CH Back side 10mm-sensor on

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL1750; Medium parameters used: $f = 1720$ MHz; $\sigma = 1.514$ S/m; $\epsilon_r = 52.812$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.36, 7.36, 7.36); Calibrated: 2017/1/13;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2016/8/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.810 W/kg

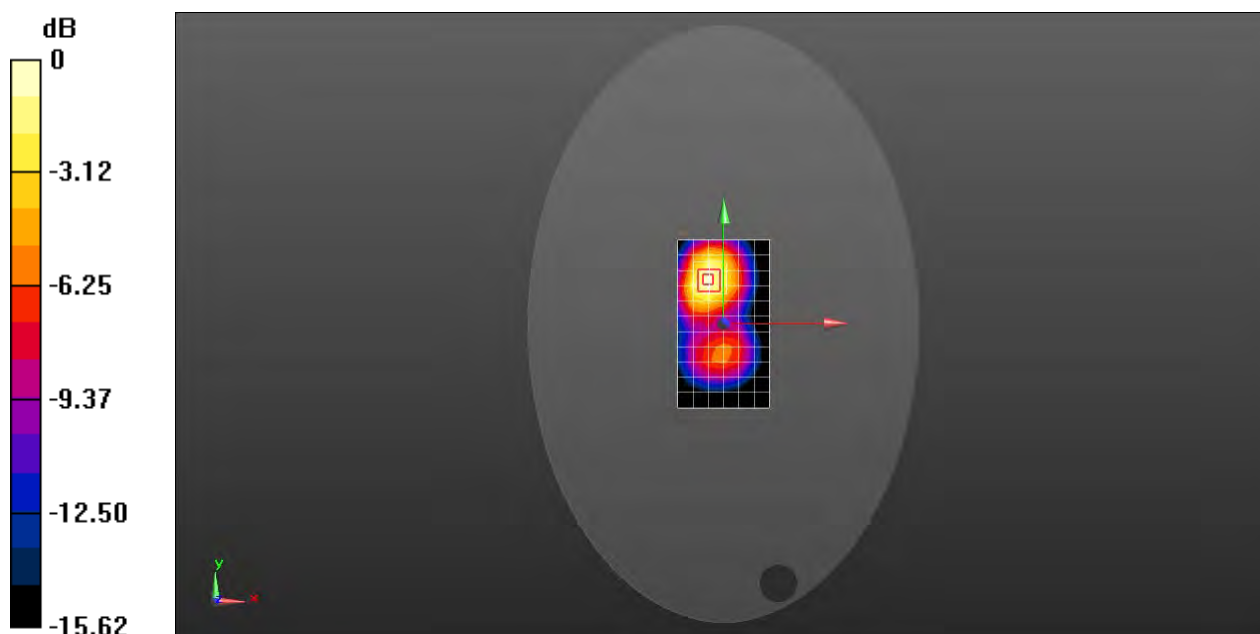
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.935 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.700 W/kg; SAR(10 g) = 0.437 W/kg

Maximum value of SAR (measured) = 0.889 W/kg



0 dB = 0.889 W/kg = -0.51 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

**R240h LTE Band 4 20MHz bandwidth QPSK 1RB0 Offset 20050CH Front side
16mm-sensor off**

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1720 MHz;Duty Cycle: 1:1

Medium: MSL1750;Medium parameters used: $f = 1720$ MHz; $\sigma = 1.514$ S/m; $\epsilon_r = 52.812$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.36, 7.36, 7.36); Calibrated: 2017/1/13;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2016/8/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 1.01 W/kg

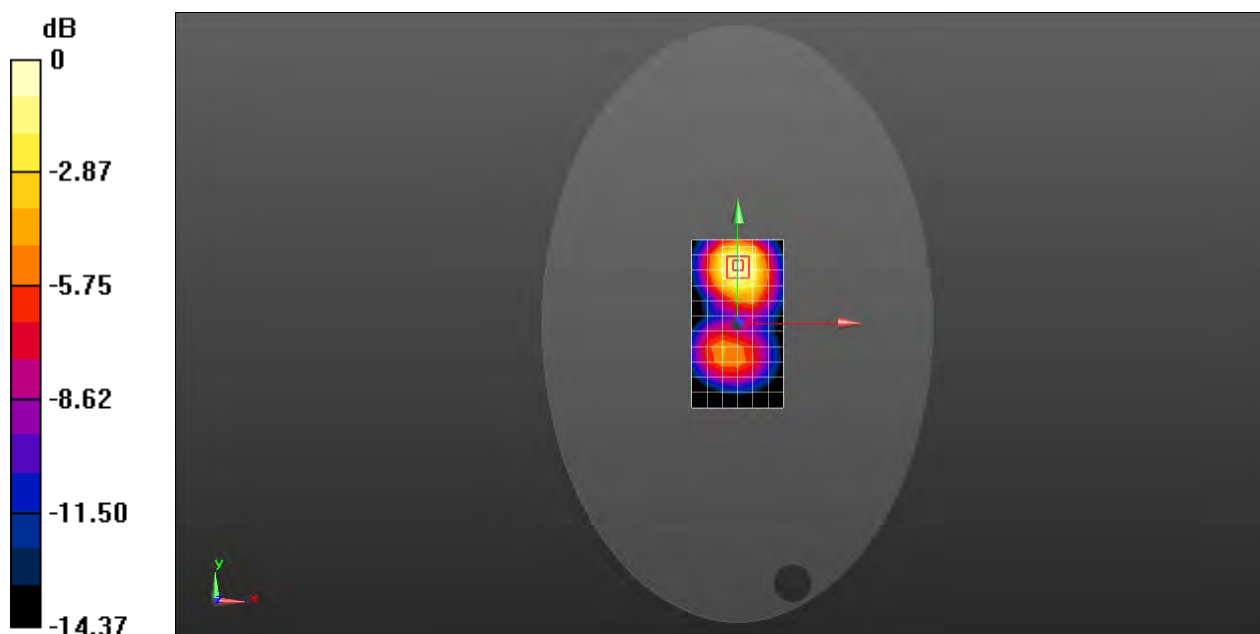
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.377 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.834 W/kg; SAR(10 g) = 0.530 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h LTE Band 5 10MHz bandwidth QPSK 1RB0 Offset 20450CH Front side 10mm-sensor on

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 829 MHz;Duty Cycle: 1:1

Medium: MSL835;Medium parameters used: $f = 829$ MHz; $\sigma = 1.001$ S/m; $\epsilon_r = 56.527$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.8, 8.8, 8.8); Calibrated: 2017/1/13;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2016/8/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.715 W/kg

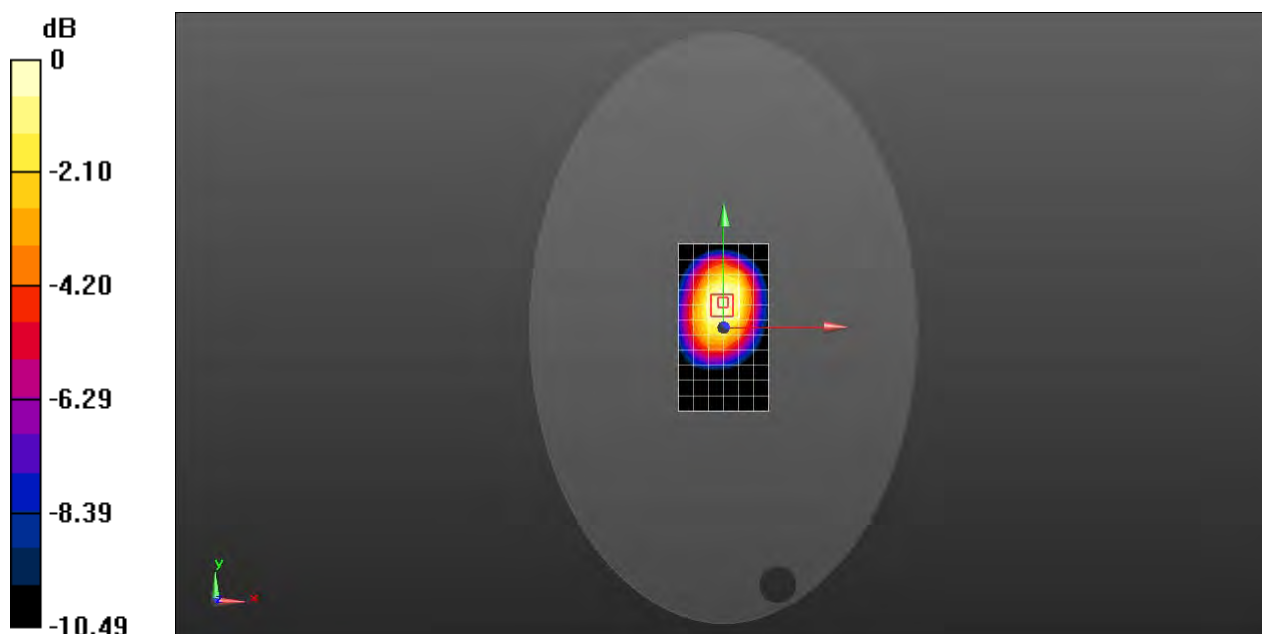
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 22.36 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.808 W/kg

SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.446 W/kg

Maximum value of SAR (measured) = 0.724 W/kg



0 dB = 0.724 W/kg = -1.40 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h LTE Band 5 10MHz bandwidth QPSK 1RB0 Offset 20600CH Back side 16mm-sensor off

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

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

Medium: MSL835;Medium parameters used: $f = 844$ MHz; $\sigma = 0.995$ S/m; $\epsilon_r = 56.086$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.8, 8.8, 8.8); Calibrated: 2017/1/13;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2016/8/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.820 W/kg

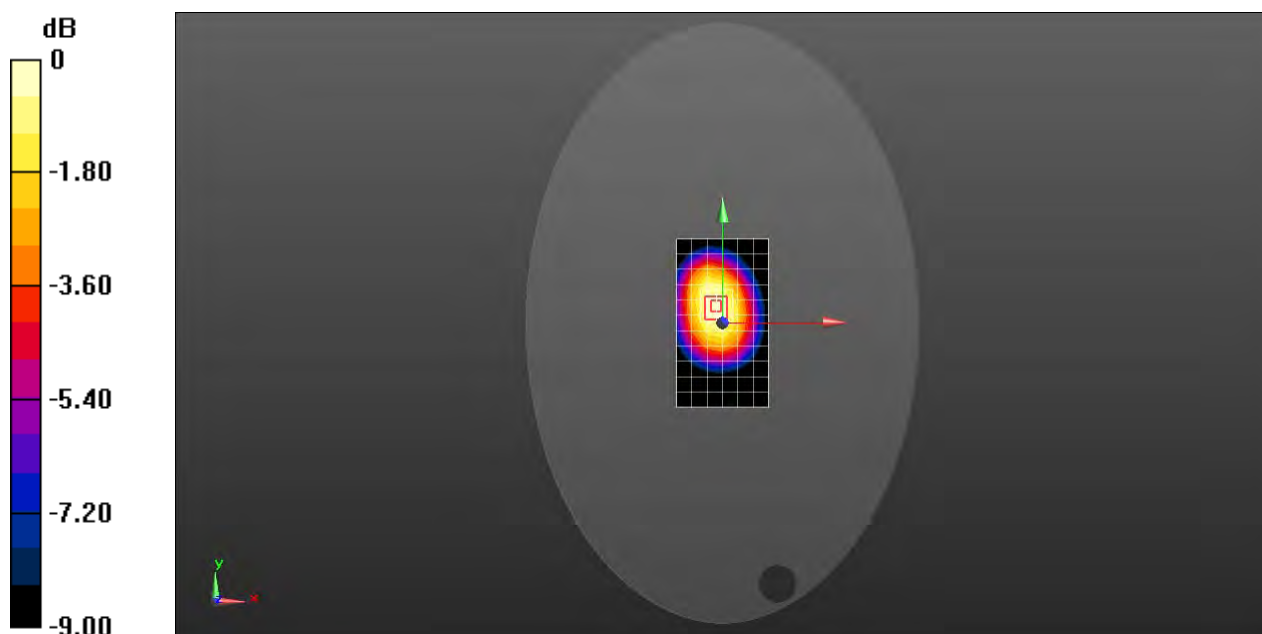
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.56 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.954 W/kg

SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.548 W/kg

Maximum value of SAR (measured) = 0.864 W/kg



0 dB = 0.864 W/kg = -0.63 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h LTE Band 7 20MHz bandwidth QPSK 1RB0 Offset 21350CH Back side -16mm-sensor off

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: MSL2600; Medium parameters used: $f = 2560$ MHz; $\sigma = 2.093$ S/m; $\epsilon_r = 53.007$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.83, 6.83, 6.83); Calibrated: 2017/1/13;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2016/8/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.854 W/kg

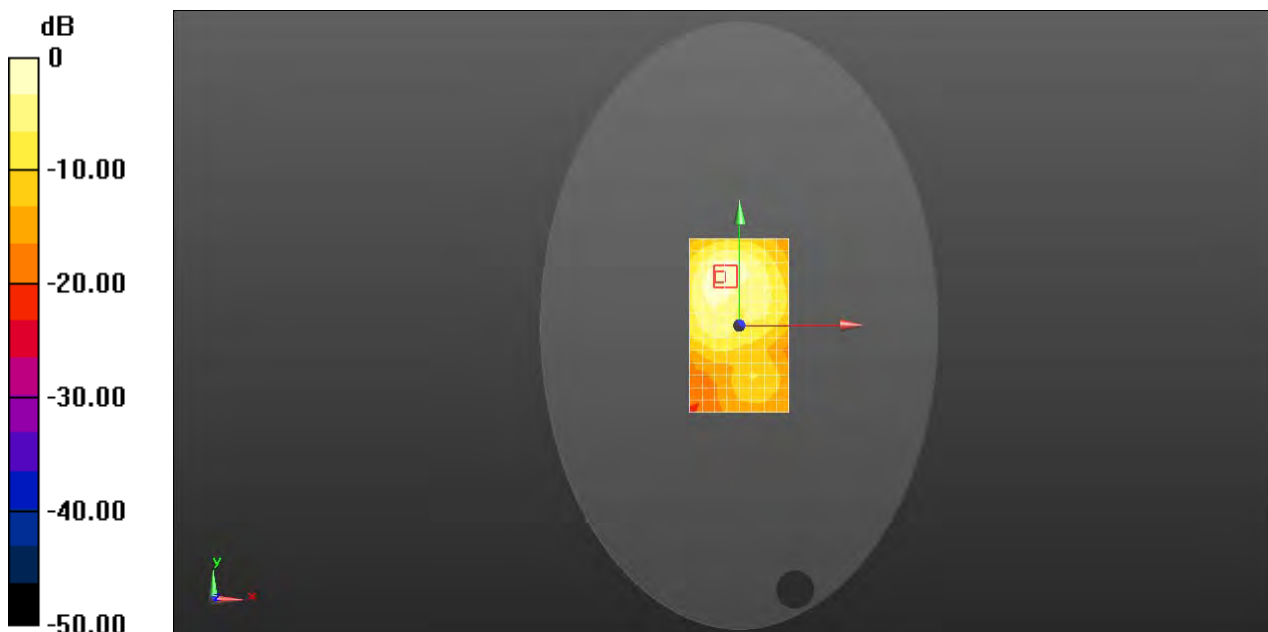
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.527 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.670 W/kg; SAR(10 g) = 0.361 W/kg

Maximum value of SAR (measured) = 0.850 W/kg



0 dB = 0.850 W/kg = -0.71 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h LTE Band 7 20MHz bandwidth QPSK 100RB0 Offset 21100CH Back side 10mm with Battery2#-sensor on

DUT: R240h; Type: Mobile WiFi; Serial: 865231030026517

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

Medium: MSL2600; Medium parameters used: $f = 2535$ MHz; $\sigma = 2.061$ S/m; $\epsilon_r = 53.081$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.83, 6.83, 6.83); Calibrated: 2017/1/13;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2016/8/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.906 W/kg

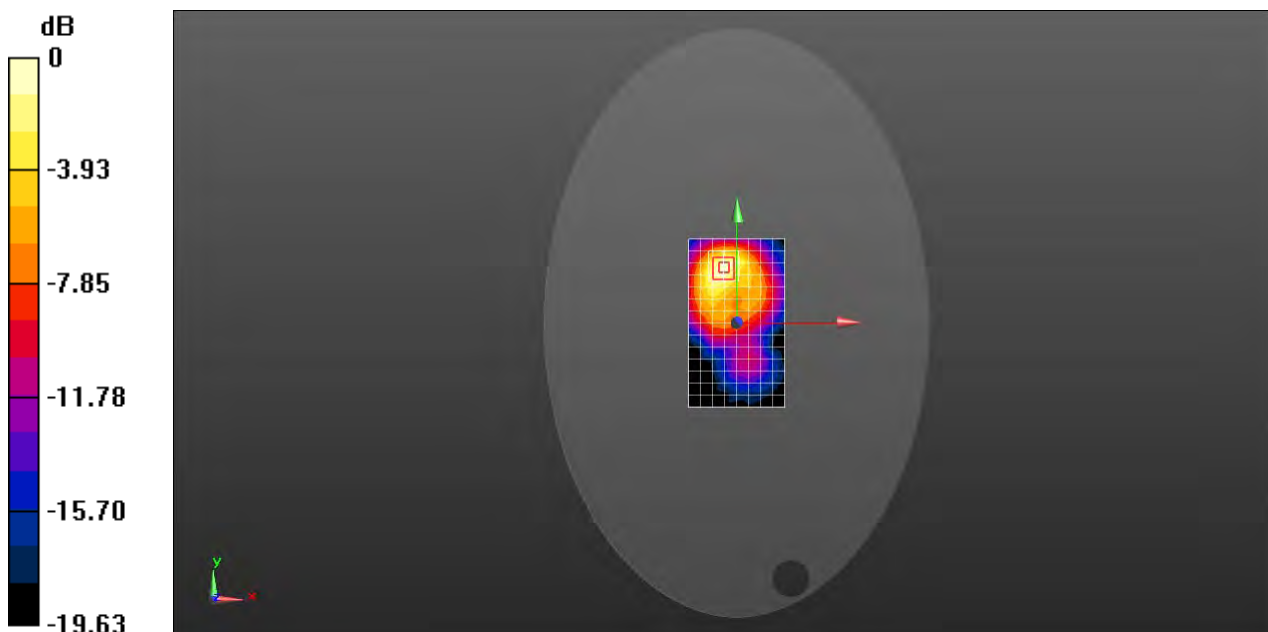
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.441 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.355 W/kg

Maximum value of SAR (measured) = 0.958 W/kg



0 dB = 0.958 W/kg = -0.19 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h LTE Band 38 20MHz bandwidth QPSK 1RB0 Offset 38000CH Back side 10mm-sensor on

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2595 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used: $f = 2595$ MHz; $\sigma = 2.17$ S/m; $\epsilon_r = 51.996$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.83, 6.83, 6.83); Calibrated: 2017/1/13;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2016/8/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x14x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

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

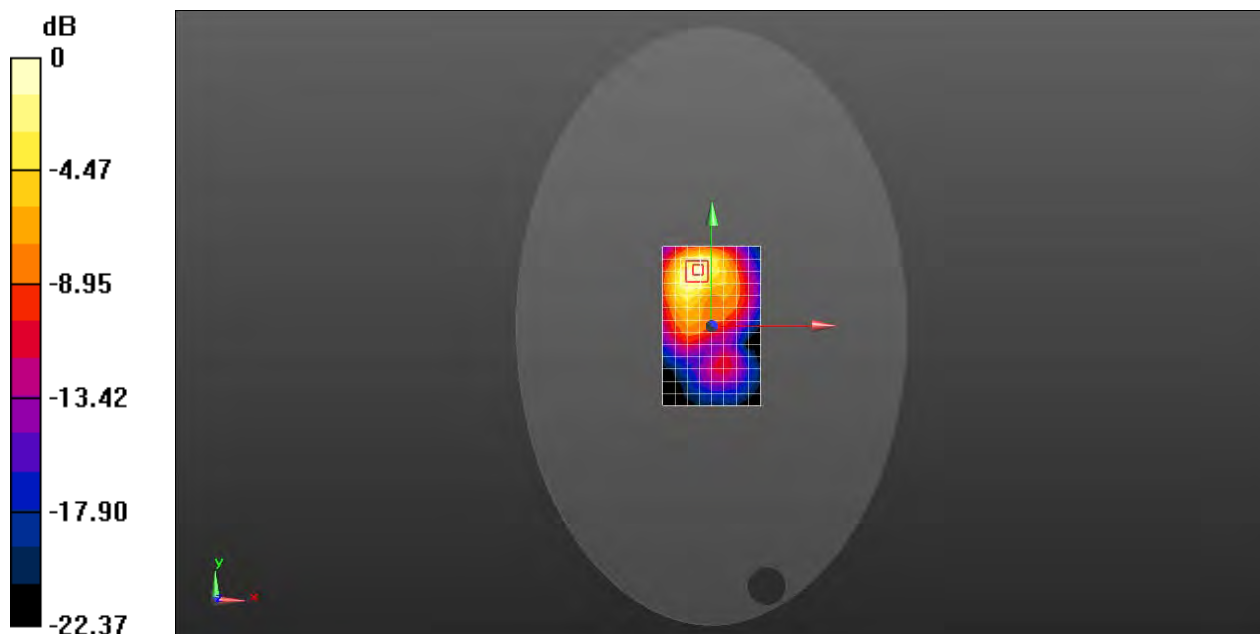
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.609 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.815 W/kg; SAR(10 g) = 0.412 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/HAC Lab

R240h LTE Band 38 20MHz bandwidth QPSK 1RB0 Offset 38000CH Back side -16mm-sensor off

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2595 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used: $f = 2595$ MHz; $\sigma = 2.17$ S/m; $\epsilon_r = 51.996$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.83, 6.83, 6.83); Calibrated: 2017/1/13;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2016/8/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x14x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.682 W/kg

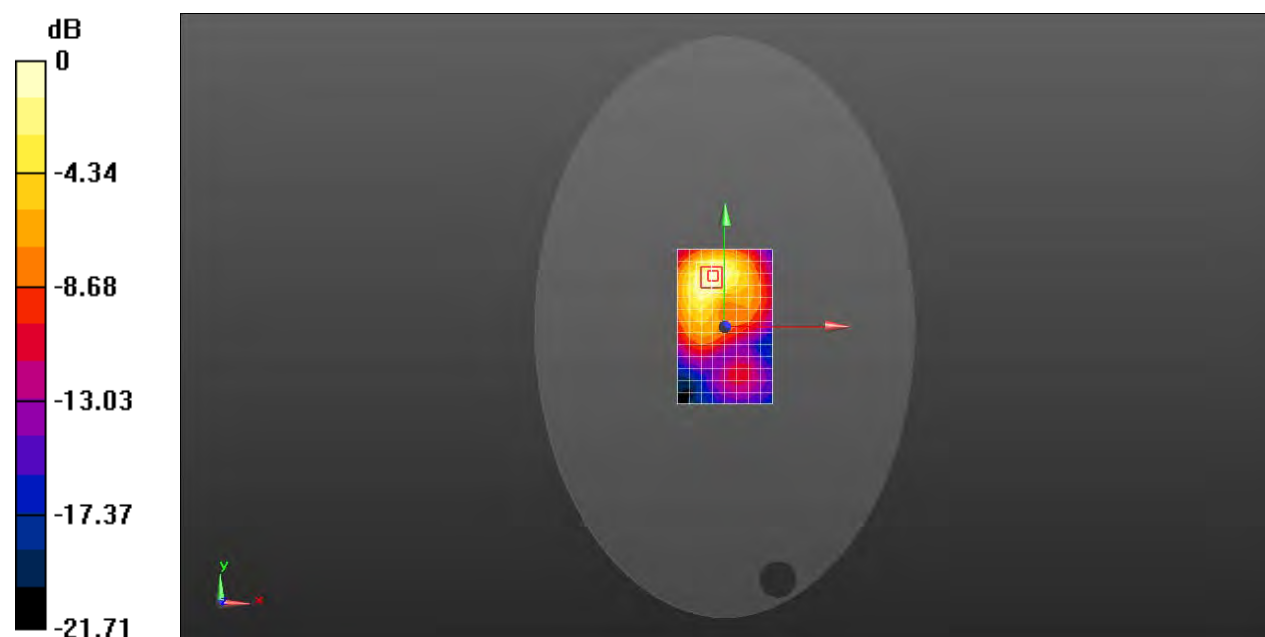
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.600 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.889 W/kg

SAR(1 g) = 0.488 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.690 W/kg



0 dB = 0.690 W/kg = -1.61 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h LTE Band 41 20MHz bandwidth QPSK 50RB0 Offset 40620CH Back side 10mm-sensor on

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 2.163$ S/m; $\epsilon_r = 52.013$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.83, 6.83, 6.83); Calibrated: 2017/1/13;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2016/8/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.04 W/kg

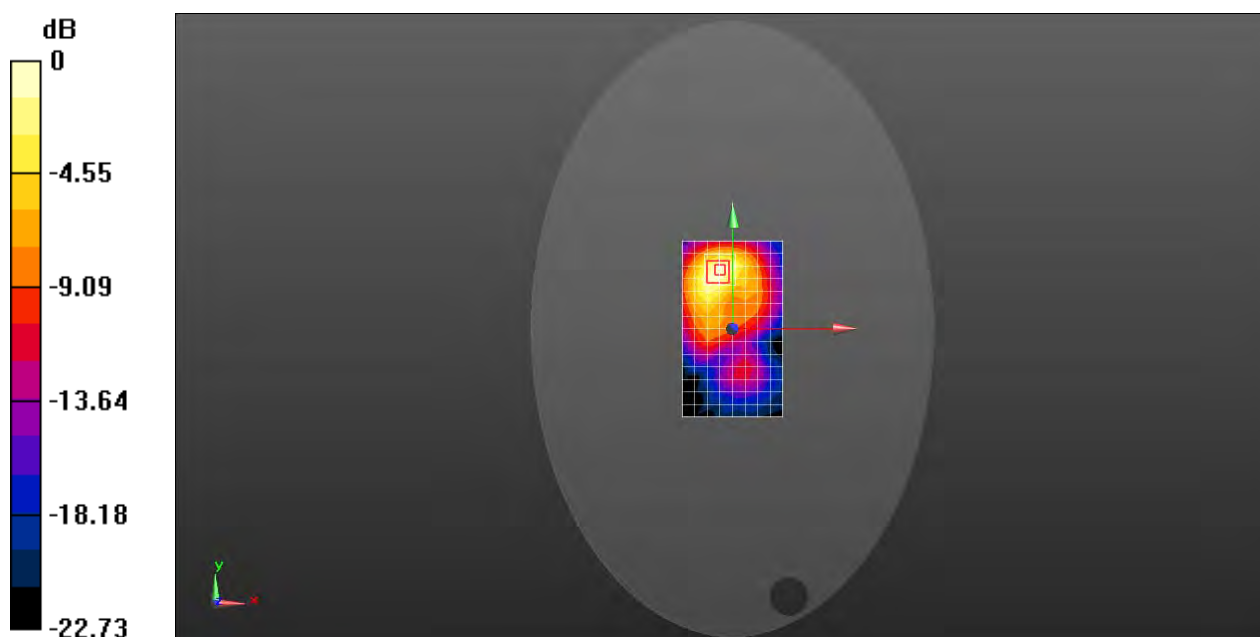
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.375 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.387 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h LTE Band 41 20MHz bandwidth QPSK 1RB0 Offset 41490CH Back side -16mm-sensor off

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2680 MHz;Duty Cycle: 1:1.57906

Medium: MSL2600;Medium parameters used: $f = 2680$ MHz; $\sigma = 2.282$ S/m; $\epsilon_r = 51.793$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.83, 6.83, 6.83); Calibrated: 2017/1/13;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2016/8/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x14x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.630 W/kg

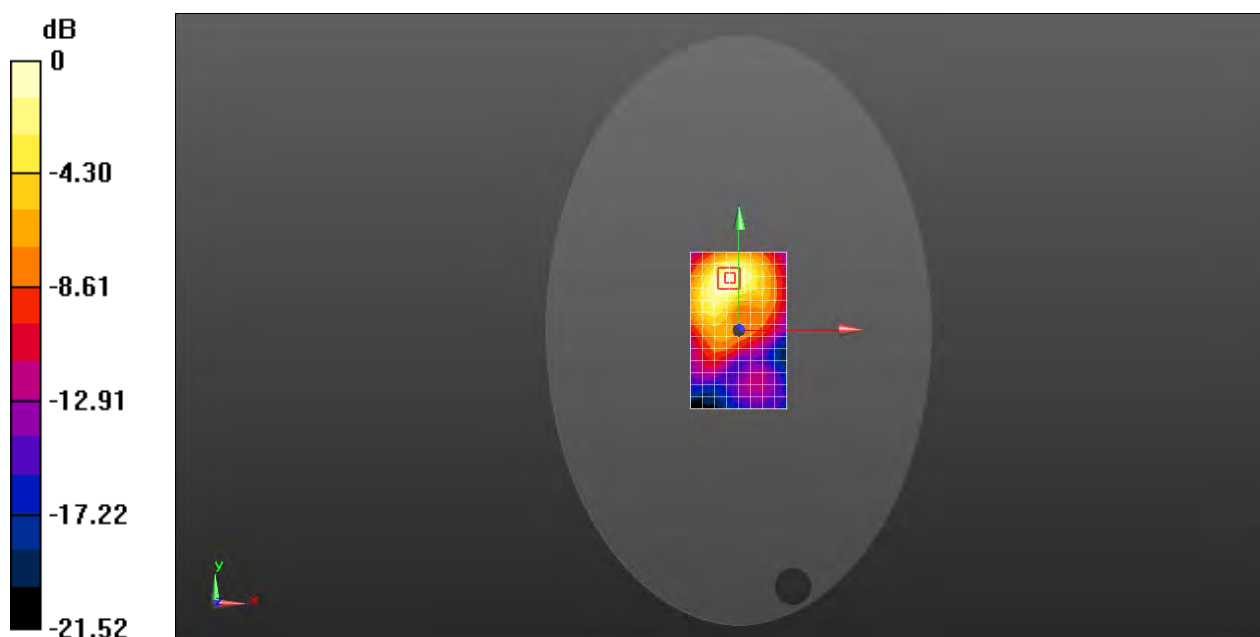
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.550 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.861 W/kg

SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.243 W/kg

Maximum value of SAR (measured) = 0.660 W/kg



0 dB = 0.660 W/kg = -1.80 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h 802.11b 6CH Top side 10mm-Antenna0

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

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

Medium: MSL2450;Medium parameters used: $f = 2437$ MHz; $\sigma = 1.949$ S/m; $\epsilon_r = 53.309$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.98, 6.98, 6.98); Calibrated: 2017/1/13;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2016/8/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.424 W/kg

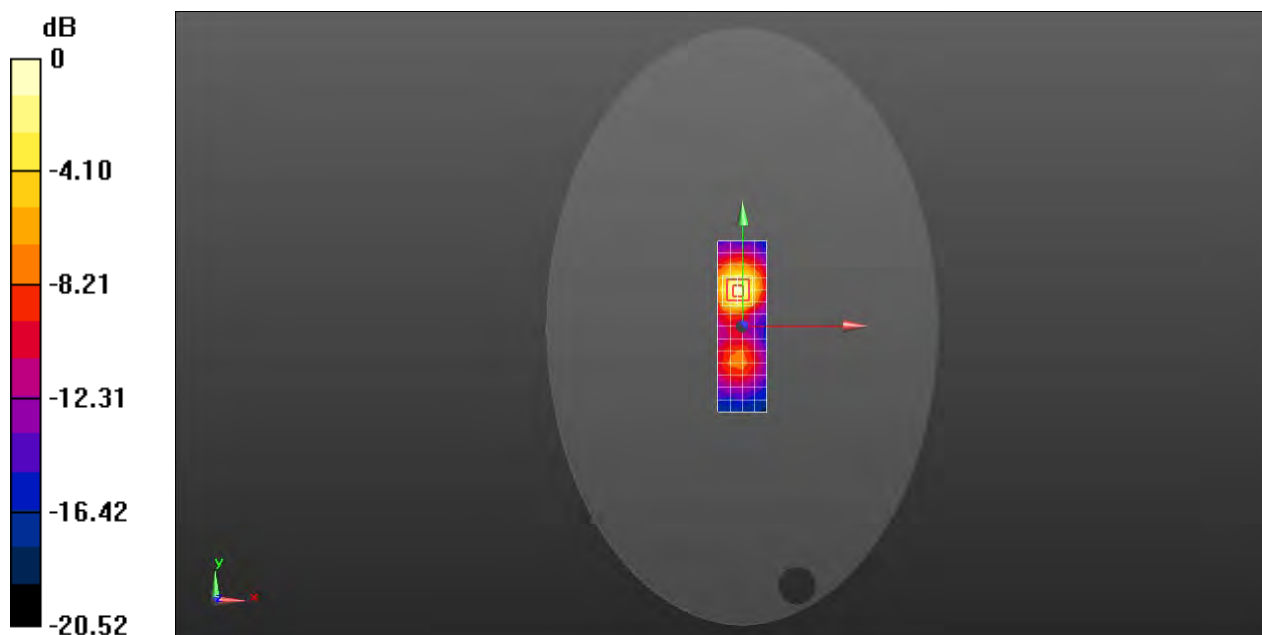
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.862 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.590 W/kg

SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.164 W/kg

Maximum value of SAR (measured) = 0.464 W/kg



0 dB = 0.464 W/kg = -3.33 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h 802.11b 11CH Bottom side 10mm-Antenna1

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL2450;Medium parameters used: $f = 2462$ MHz; $\sigma = 1.963$ S/m; $\epsilon_r = 53.258$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.98, 6.98, 6.98); Calibrated: 2017/1/13;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2016/8/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x14x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.294 W/kg

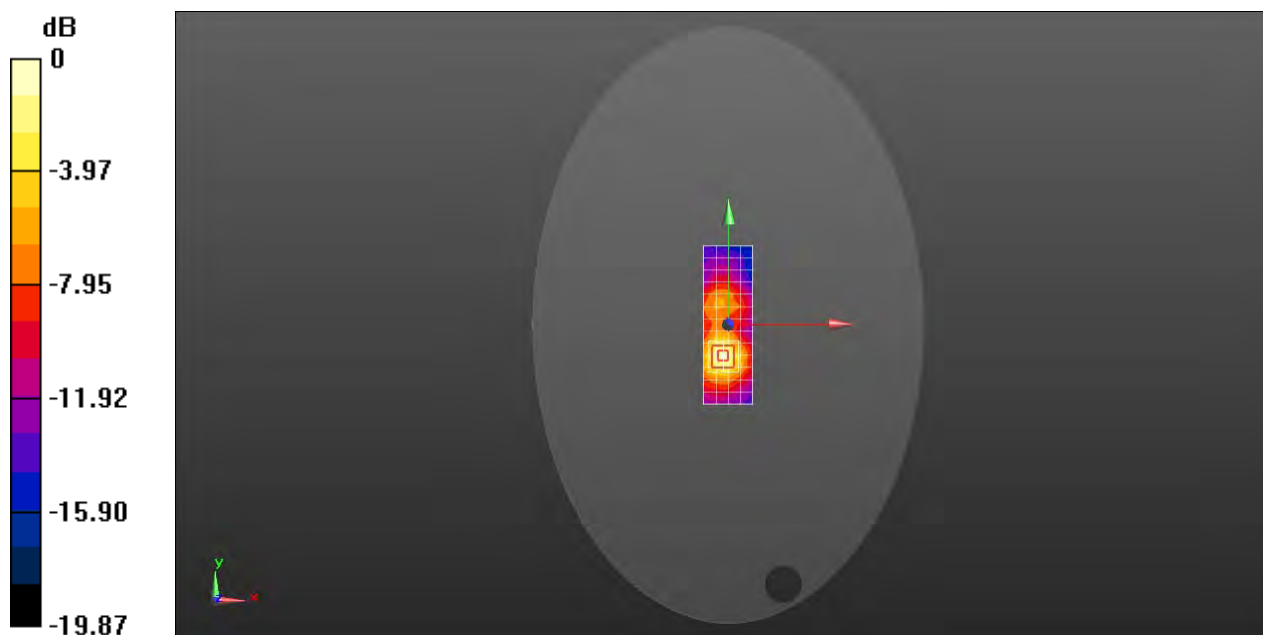
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.744 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.118 W/kg

Maximum value of SAR (measured) = 0.335 W/kg



0 dB = 0.335 W/kg = -4.75 dBW/kg

Test Laboratory: SGS-SAR/HAC Lab

R240h 802.11n HT40 9CH Top side 10mm-MIMO

DUT: R240h; Type: Mobile WiFi; Serial: 865231030025212

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2452 MHz;Duty Cycle: 1:1

Medium: MSL2450;Medium parameters used: $f = 2452$ MHz; $\sigma = 1.954$ S/m; $\epsilon_r = 53.281$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.98, 6.98, 6.98); Calibrated: 2017/1/13;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2016/8/23
- Phantom: ELI v4.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x15x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.429 W/kg

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

Reference Value = 5.408 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.537 W/kg

SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.185 W/kg

Maximum value of SAR (measured) = 0.429 W/kg

