

Appendix B. MEASUREMENT SCANS

Date: 2015.08.28.

HY1-5237 GSM850 Head Right Cheek Mid

Medium: HSL850

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);

Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.41, 9.41, 9.41); Calibrated: 2014.07.22.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

GSM 850_Right Cheek/Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 8.885 V/m; Power Drift = -0.07 dB

Fast SAR: SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.137 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.209 W/kg

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

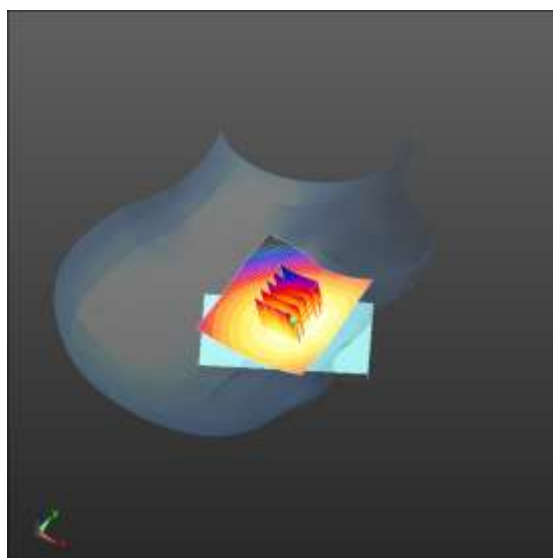
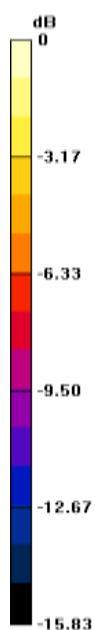
Reference Value = 8.885 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.235 mW/g

SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.171 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.213 W/kg



$$0 \text{ dB} = 0.209 \text{ W/kg} = -13.58 \text{ dB W/kg}$$

Date: 2015.08.28.

HY1-5237 GPRS850 Body Hotspot Right Side Mid

Medium: MSL850

Communication System: GPRS 4 Tx slots; Communication System Band: Exported from older format (data unavailable - please correct).; Frequency: 836.6 MHz; Duty Cycle: 1:2.08

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(6.2, 6.2, 6.2); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

GPRS 850_Right_edge/Mid/Area Scan (51x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 8.885 V/m; Power Drift = -0.07 dB

Fast SAR: SAR(1 g) = 0.663 mW/g; SAR(10 g) = 0.443 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.711 W/kg

GPRS 850_Right_edge/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

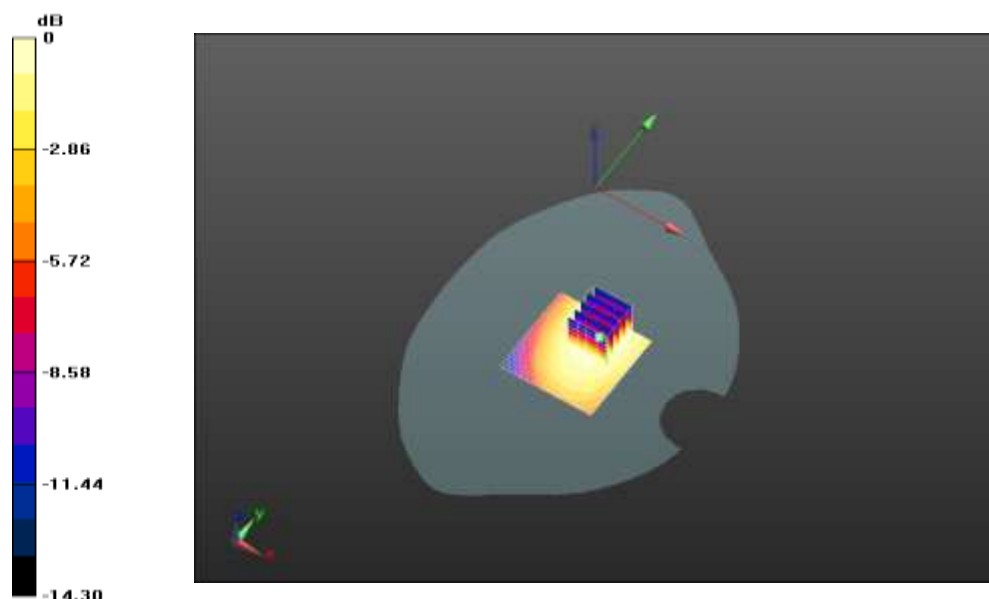
Reference Value = 8.885 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.927 mW/g

SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.449 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.706 W/kg



$$0 \text{ dB} = 0.711 \text{ W/kg} = -2.97 \text{ dB W/kg}$$

Date: 2015.08.28.

HY1-5237 GSM850 Body Worn Rear Mid

Medium: MSL850

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);

Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(6.2, 6.2, 6.2); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

GSM 850_Back 15mm/Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 8.885 V/m; Power Drift = -0.07 dB

Fast SAR: SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.272 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.407 W/kg

GSM 850_Back 15mm/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,

dz=5mm

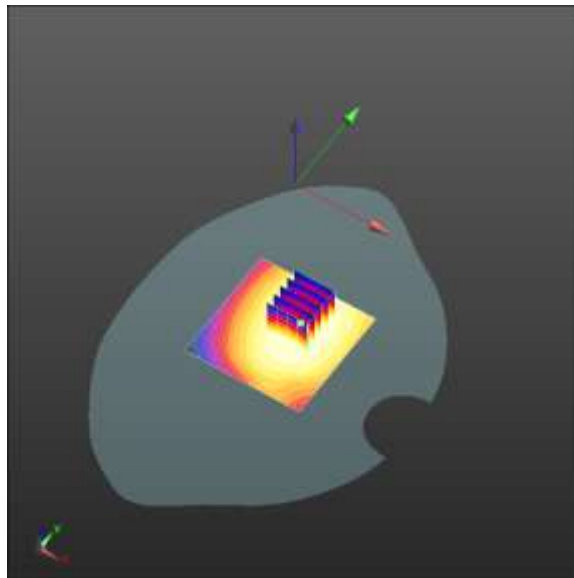
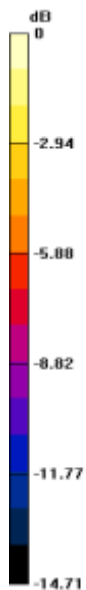
Reference Value = 8.885 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.478 mW/g

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.302 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.402 W/kg



0 dB = 0.407 W/kg = -7.82 dB W/kg

Date: 2015.09.01.

HY1-5237 GSM1900 Head Right Cheek Mid

Medium: HSL1900

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(8.09, 8.09, 8.09); Calibrated: 2015.07.24.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

1900_Left GSM Head/1900 GSM Cheek-Mid/Area Scan (51x51x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 4.447 V/m; Power Drift = -0.06 dB

Fast SAR: SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (interpolated) = 0.240 W/kg

1900_Left GSM Head/1900 GSM Cheek-Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

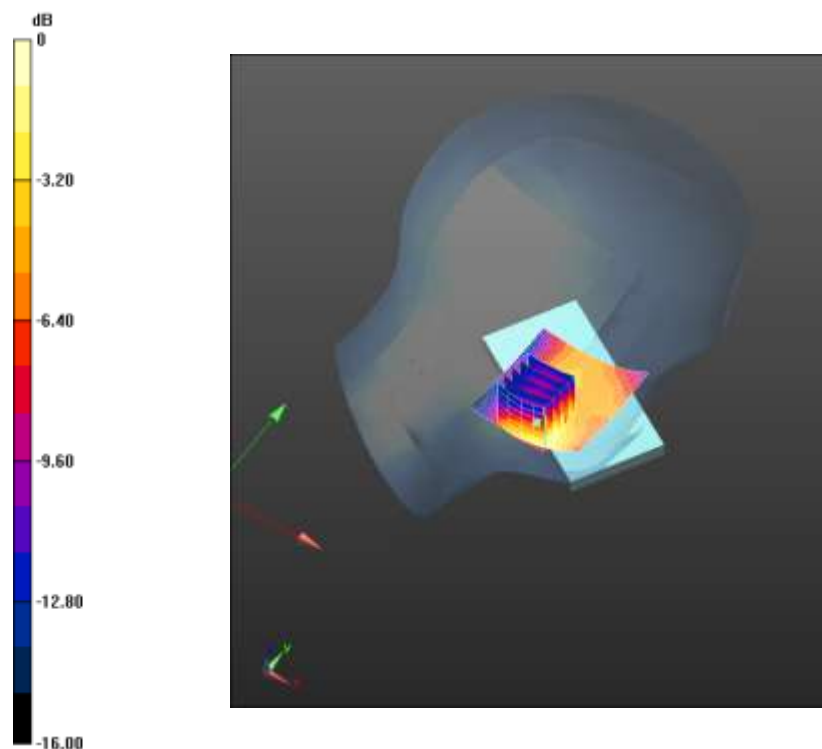
$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.447 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.417 mW/g

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.109 mW/g

Maximum value of SAR (measured) = 0.227 W/kg



0 dB = 0.240 W/kg = -12.40 dB W/kg

Date: 2015.08.31.

HY1-5237 GPRS1900 Body Hotspot Bottom Side High

Medium: MSL1900

Communication System: GPRS 2 Tx slots; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Duty Cycle: 1:4.1

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(8.25, 8.25, 8.25); Calibrated: 2015.07.24.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

1900_GPRS/GPRS1900 10mm Faceup-High 2/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 24.396 V/m; Power Drift = -0.08 dB

Fast SAR: SAR(1 g) = 0.928 mW/g; SAR(10 g) = 0.464 mW/g

Maximum value of SAR (interpolated) = 1.11 W/kg

1900_GPRS/GPRS1900 10mm Faceup-High 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

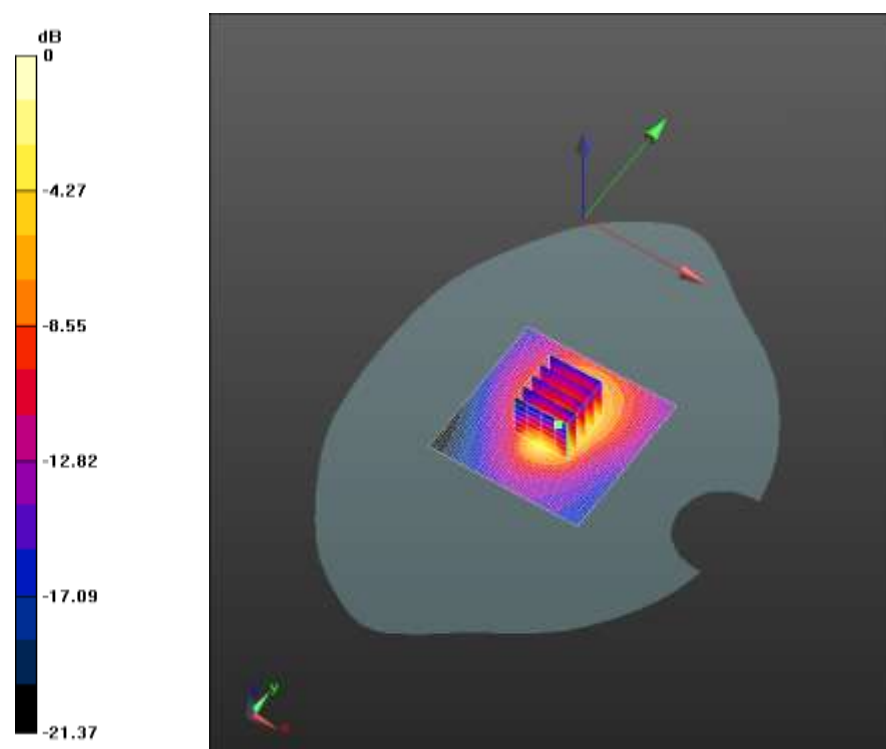
$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.396 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.689 mW/g

SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.488 mW/g

Maximum value of SAR (measured) = 1.08 W/kg



$$0 \text{ dB} = 1.11 \text{ W/kg} = 0.89 \text{ dB W/kg}$$

Date: 2015.09.01.

HY1-5237 GSM1900 Body Worn Rear Mid

Medium: MSL1900

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 51.24$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(8.25, 8.25, 8.25); Calibrated: 2014.07.22.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

1900_GSM/GSM1900 Facedown-Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 14.631 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.204 mW/g

Maximum value of SAR (interpolated) = 0.361 W/kg

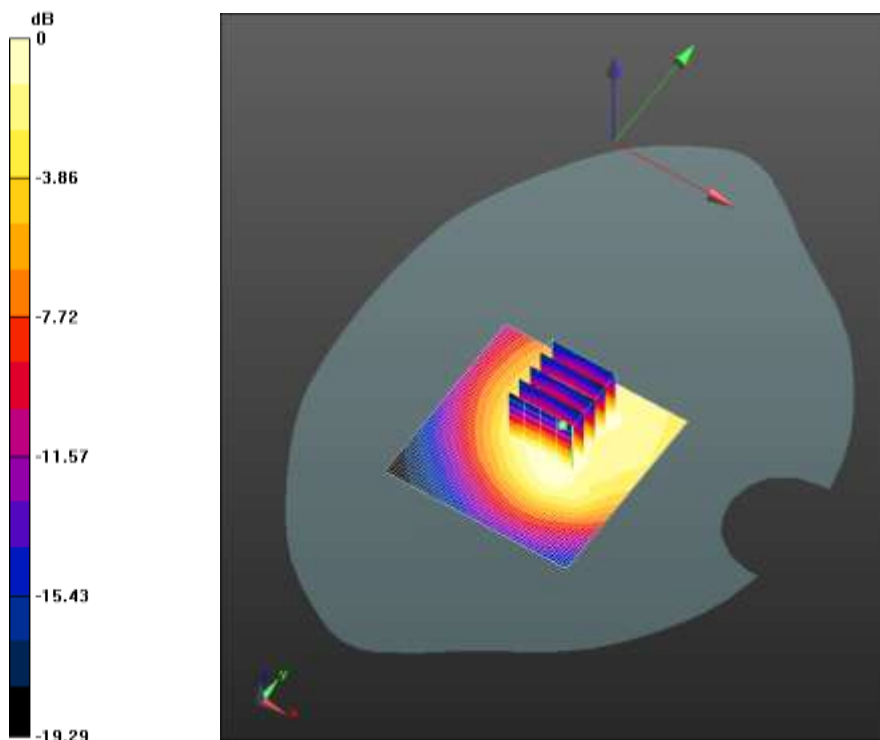
1900_GSM/GSM1900 Facedown-Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.631 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.528 mW/g

SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.206 mW/g

Maximum value of SAR (measured) = 0.352 W/kg



$$0 \text{ dB} = 0.361 \text{ W/kg} = -8.85 \text{ dB W/kg}$$

Date: 2015.09.01.

HY1-5237 WCDMA Body BAND II Head Left Cheek Mid

Medium: HSL1900

Communication System: UMTS-FDD; Communication System Band: Band 2, UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(8.09, 8.09, 8.09); Calibrated: 2015.07.24.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 2 _left head cheek/Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 7.960 V/m; Power Drift = 0.07 dB

Fast SAR: SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.212 mW/g

Maximum value of SAR (interpolated) = 0.432 W/kg

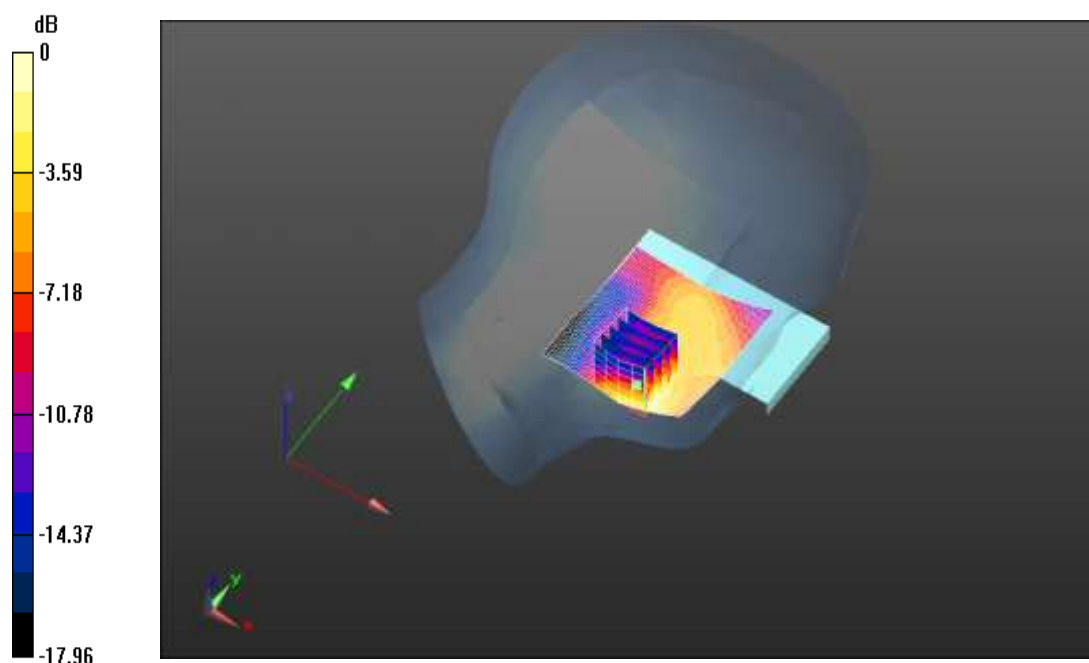
UMTS Band 2 _left head cheek/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.960 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.623 mW/g

SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.359 W/kg



0 dB = 0.432 W/kg = -7.29 dB W/kg

Date: 2015.09.01.

HY1-5237 WCDMA Body BAND II Body Hotspot Bottom Side High

Medium: MSL1900

Communication System: UMTS-FDD; Communication System Band: Band 2, UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(8.25, 8.25, 8.25); Calibrated: 2015.07.24.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 2_ Front/Bottom High 10mm/Area Scan (51x51x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 18.438 V/m; Power Drift = 0.14 dB

Fast SAR: SAR(1 g) = 0.913 mW/g; SAR(10 g) = 0.460 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 1.07 W/kg

UMTS Band 2_ Front/Bottom High 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

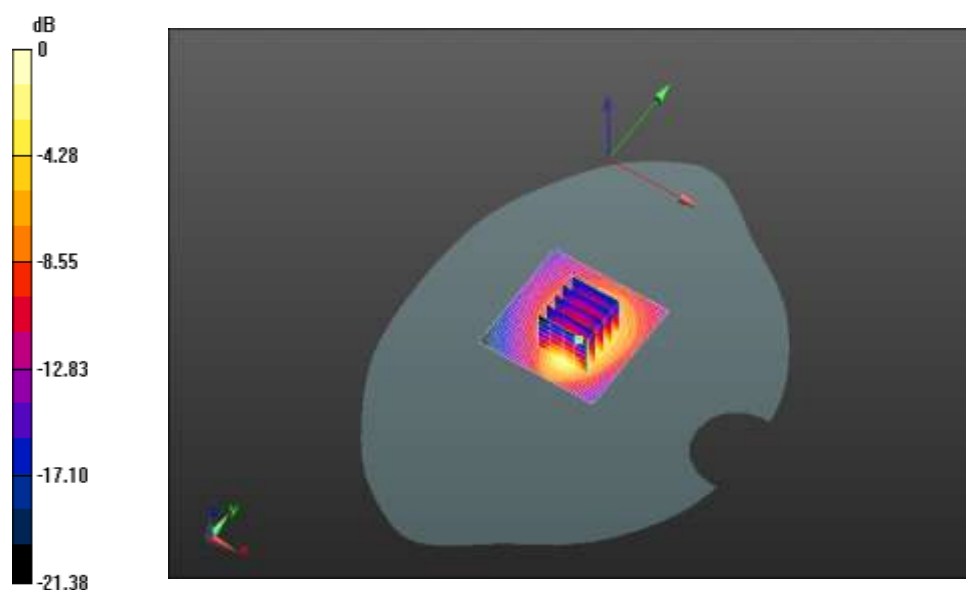
Reference Value = 18.438 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.705 mW/g

SAR(1 g) = 0.950 mW/g; SAR(10 g) = 0.490 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

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



0 dB = 1.07 W/kg = 0.61 dB W/kg

Date: 2015.09.01.

HY1-5237 WCDMA Body BAND II Body Worn Front Side Mid

Medium: MSL1900

Communication System: UMTS-FDD; Communication System Band: Band 2, UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(8.25, 8.25, 8.25); Calibrated: 2015.07.24.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 2_ Front 15mm/Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 7.960 V/m; Power Drift = 0.17 dB

Fast SAR: SAR(1 g) = 0.454 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (interpolated) = 0.499 W/kg

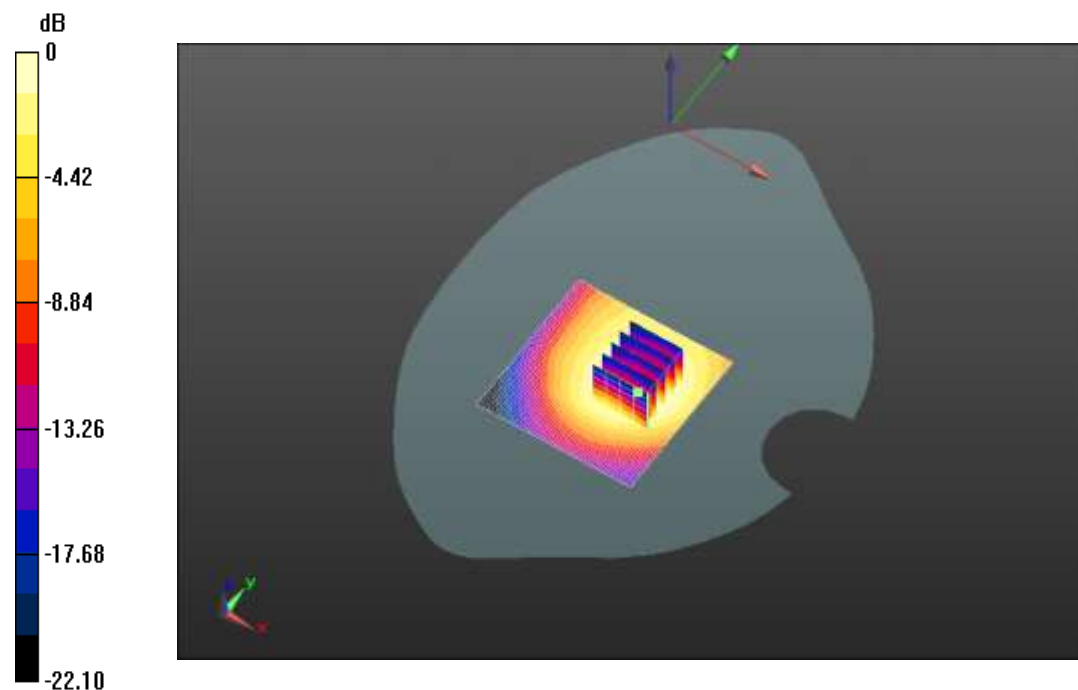
UMTS Band 2_ Front 15mm/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.960 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.661 mW/g

SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.432 W/kg



0 dB = 0.499 W/kg = -6.04 dB W/kg

Date: 2015.08.28.

HY1-5237 WCDMA Body BAND V Head Right Cheek Mid

Medium: HSL850

Communication System: UMTS-FDD; Communication System Band: Band 5, UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.41, 9.41, 9.41); Calibrated: 2015.07.24.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 5_right head cheek/Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 2.102 V/m; Power Drift = -0.04 dB

Fast SAR: SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00952 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.0145 W/kg

UMTS Band 5_right head cheek/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

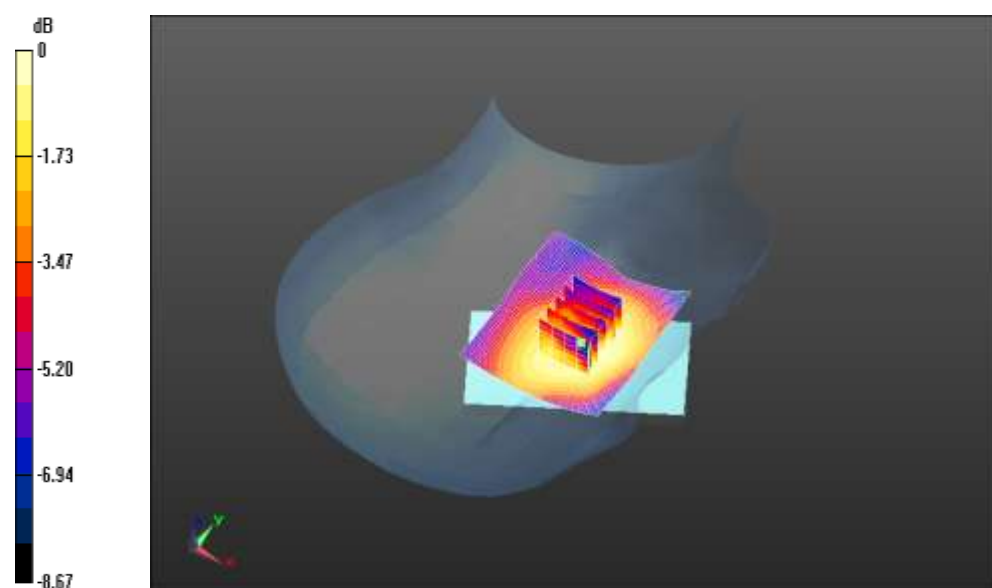
Reference Value = 2.102 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.017 mW/g

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.012 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0150 W/kg



0 dB = 0.0145 W/kg = -36.77 dB W/kg

Date: 2015.08.28.

HY1-5237 WCDMA Body BAND V Body Hotspot Rear Mid

Medium: MSL850

Communication System: UMTS-FDD; Communication System Band: Band 5, UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(6.2, 6.2, 6.2); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 5_body Back/Mid 10mm/Area Scan (51x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 18.378 V/m; Power Drift = -0.13 dB

Fast SAR: SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.211 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.317 W/kg

UMTS Band 5_body Back/Mid 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

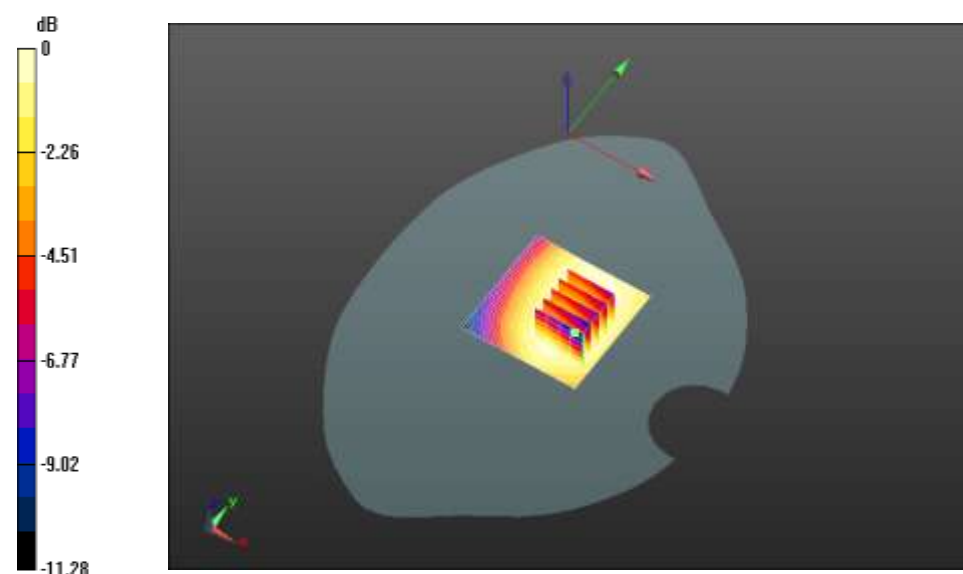
Reference Value = 18.378 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.385 mW/g

SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.238 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.316 W/kg



$$0 \text{ dB} = 0.317 \text{ W/kg} = -9.97 \text{ dB W/kg}$$

Date: 2015.08.28.

HY1-5237 WCDMA Body BAND V Body Worn Rear Mid

Medium: MSL850

Communication System: UMTS-FDD; Communication System Band: Band 5, UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(6.2, 6.2, 6.2); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

UMTS Band 5_body Back/Mid/Area Scan (51x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 15.253 V/m; Power Drift = -0.01 dB

Fast SAR: SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.177 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.263 W/kg

UMTS Band 5_body Back/Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

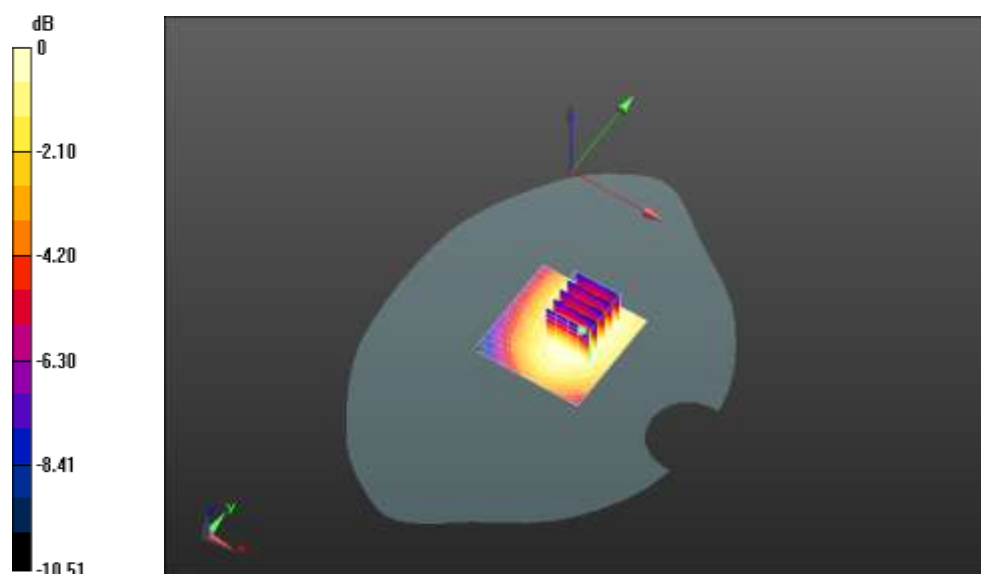
Reference Value = 15.253 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.307 mW/g

SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.197 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.262 W/kg



0 dB = 0.263 W/kg = -11.61 dB W/kg

Date: 2015.08.28.

HY1-5237 LTE Band 4 Head Left Cheek Mid

Medium: HSL1800

Communication System: LTE-FDD(CE); Communication System Band: Band4(10MHz); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 40.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(5.2, 5.2, 5.2); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

Head Left/Cheek Mid/Area Scan (51x51x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 4.990 V/m; Power Drift = -0.18 dB

Fast SAR: SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.167 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.305 W/kg

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

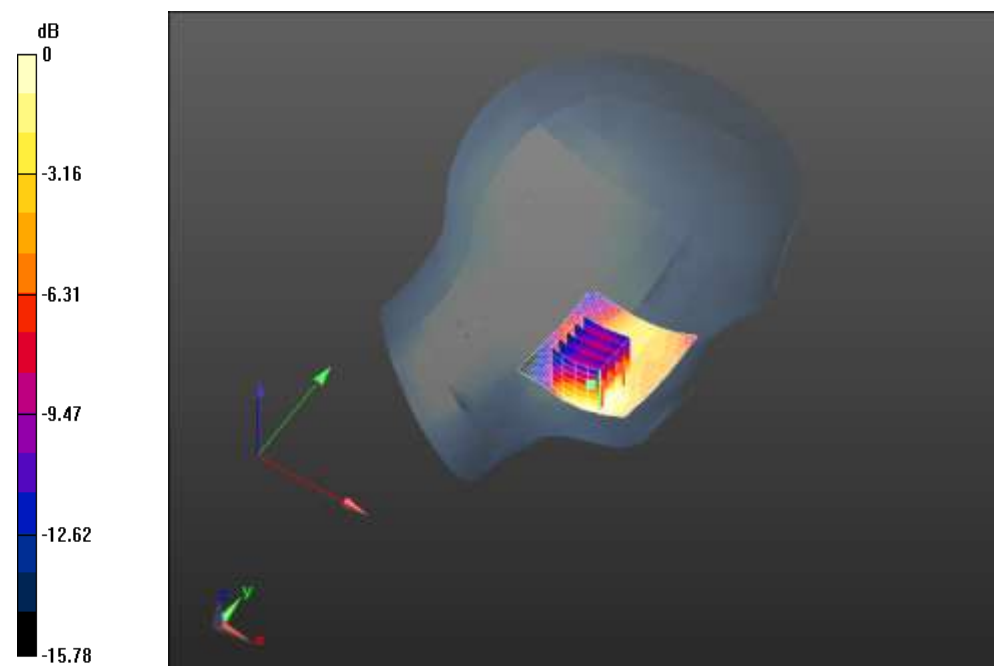
Reference Value = 4.990 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.483 mW/g

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.154 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.289 W/kg



0 dB = 0.305 W/kg = -10.32 dB W/kg

Date: 2015.08.28.

HY1-5237 LTE Band 4 Body Hotspot Rear Mid

Medium: MSL1800

Communication System: LTE-FDD(CE); Communication System Band: Band4(10MHz); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.45$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(5.2, 5.2, 5.2); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

Body/Facedown Mid 10mm/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 15.357 V/m; Power Drift = -0.00 dB

Fast SAR: SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.220 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.412 W/kg

Body/Facedown Mid 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

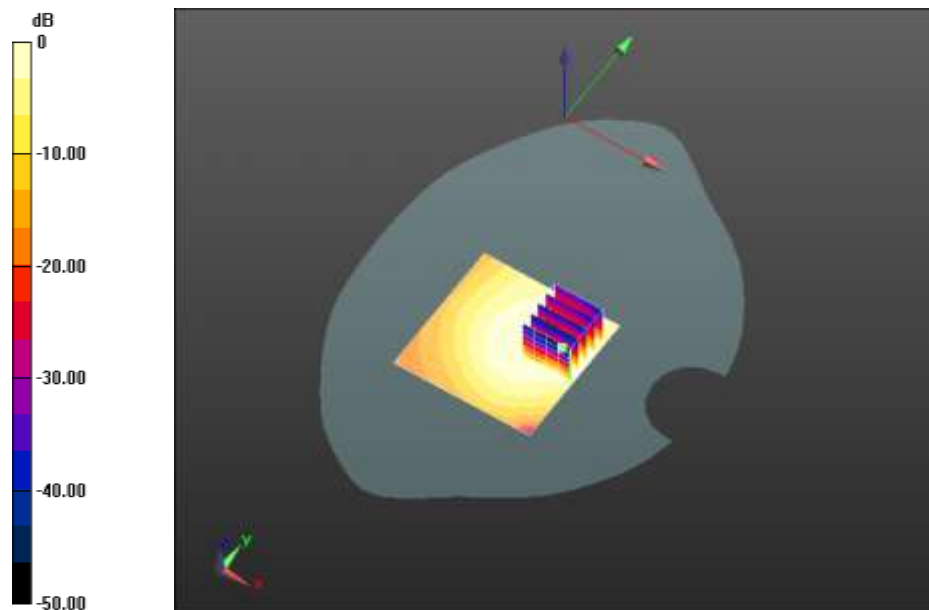
Reference Value = 15.357 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.640 mW/g

SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.227 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.402 W/kg



$$0 \text{ dB} = 0.412 \text{ W/kg} = -7.70 \text{ dB W/kg}$$

Date: 2015.08.28.

HY1-5237 LTE Band 4 Body Worn Rear Mid

Medium: MSL1800

Communication System: LTE-FDD(CE); Communication System Band: Band4(10MHz); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.45$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: ES3DV3 - SN3203; ConvF(5.2, 5.2, 5.2); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

Body/Facedown Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 12.215 V/m; Power Drift = -0.00 dB

Fast SAR: SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.115 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.196 W/kg

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

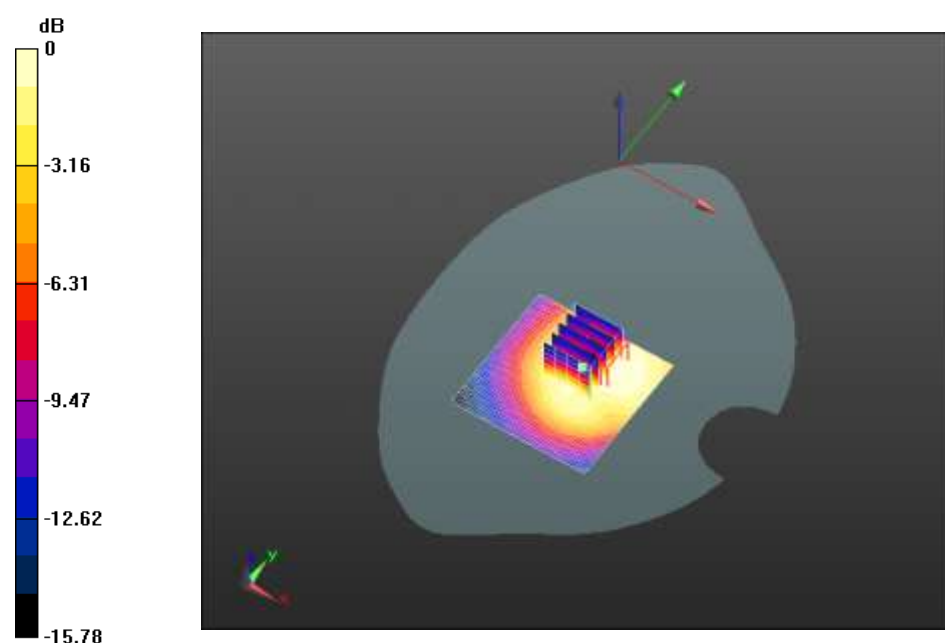
Reference Value = 12.215 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.281 mW/g

SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.118 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.192 W/kg



$$0 \text{ dB} = 0.196 \text{ W/kg} = -14.15 \text{ dB W/kg}$$

Date: 2015.08.31.

HY1-5237 LTE Band17 (10MHz) Head Right Cheek Mid

Medium: HSL750

Communication System: LTE-FDD(CE); Communication System Band: Band17(10MHz); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 710$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.88, 9.88, 9.88); Calibrated: 2014.11.03.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

Head Right/Cheek Mid/Area Scan (61x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Reference Value = 3.902 V/m; Power Drift = -0.17 dB

Fast SAR: SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.057 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.0863 W/kg

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

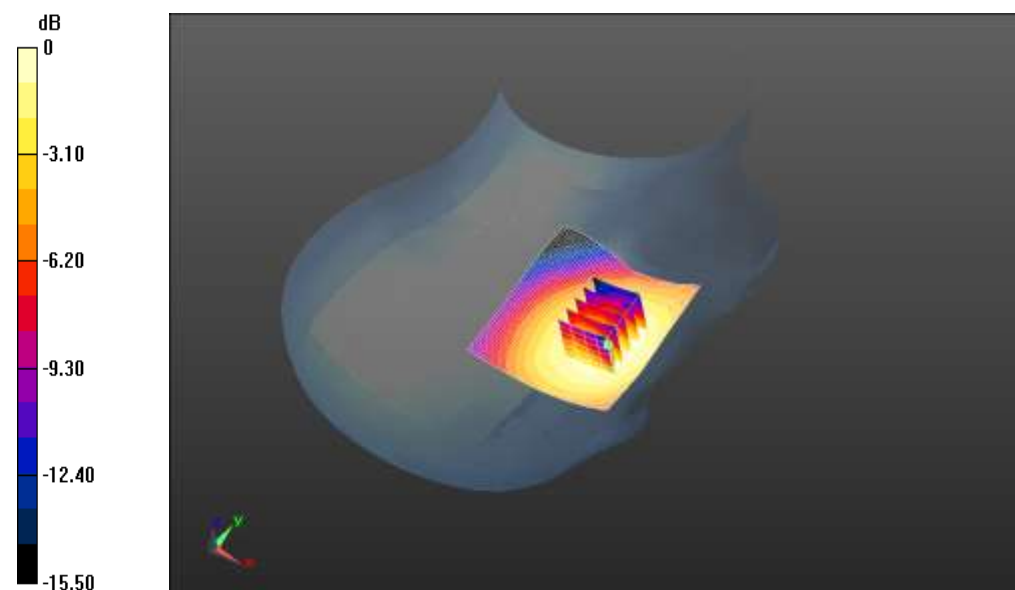
Reference Value = 3.902 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.088 mW/g

SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.073 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0862 W/kg



0 dB = 0.0863 W/kg = -21.28 dB W/kg

Date: 2015.08.31.

HY1-5237 LTE Band17 (10MHz) Body Hotspot Rear Mid

Medium: MSL750

Communication System: LTE-FDD(CE); Communication System Band: Band17(10MHz); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 710$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 55.46$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.88, 9.88, 9.88); Calibrated: 2014.11.03.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

Body/Facedown Mid 10mm/Area Scan (51x51x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 14.355 V/m; Power Drift = -0.06 dB

Fast SAR: SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.148 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.219 W/kg

Body/Facedown Mid 10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

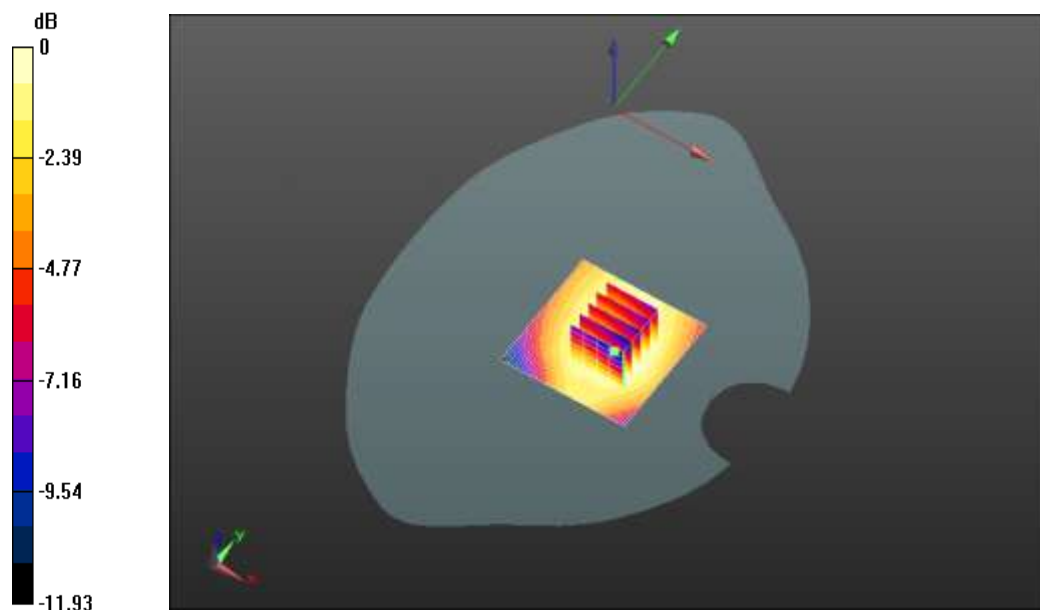
Reference Value = 14.355 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.282 mW/g

SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.159 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.220 W/kg



0 dB = 0.219 W/kg = -13.20 dB W/kg

Date: 2015.08.31.

HY1-5237 LTE Band17 (10MHz) Body Worn Rear Mid

Medium: MSL750

Communication System: LTE-FDD(CE); Communication System Band: Band17(10MHz); Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 710$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 55.46$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration: Probe: EX3DV4 - SN3881; ConvF(9.88, 9.88, 9.88); Calibrated: 2014.11.03.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

Body/Facedown Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 10.978 V/m; Power Drift = -0.03 dB

Fast SAR: SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.085 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.127 W/kg

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

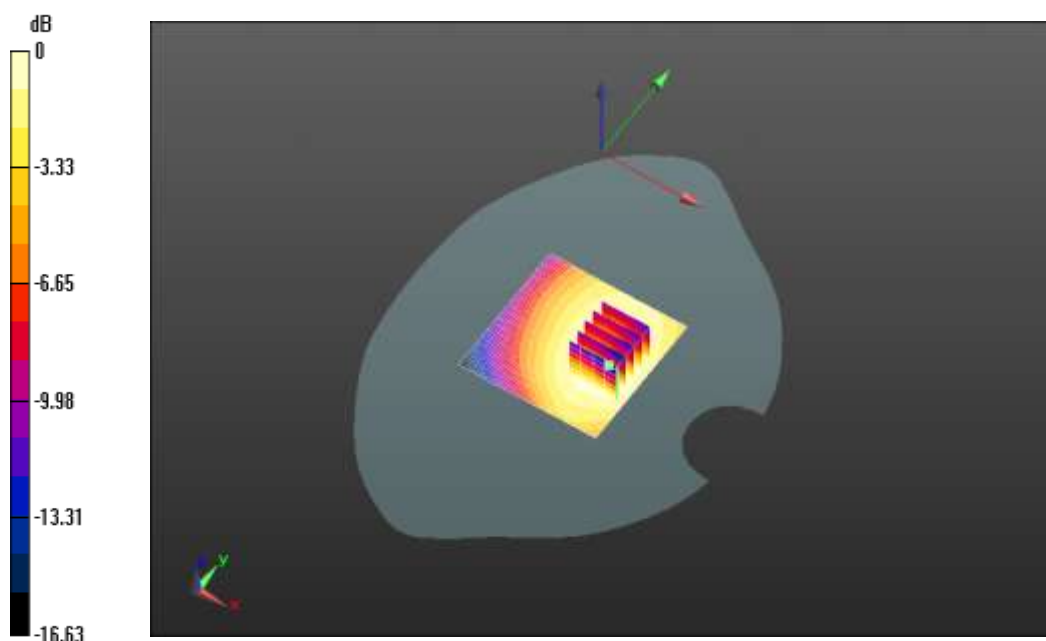
Reference Value = 10.978 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.156 mW/g

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.092 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.126 W/kg



0 dB = 0.127 W/kg = -17.91 dB W/kg

Date: 2015.09.01.

HY1-5237 Wi-Fi 802.11b Head Left Cheek Mid

Medium: HSL2450

Communication System: 802.11b WiFi 2.4GHz(DSSS,1Mbps); Communication System Band: 802.11b;

Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.79$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:Probe: ES3DV3 - SN3203; ConvF(4.55, 4.55, 4.55); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

802.11b-Left Head/left Cheek-Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm,
dy=1.500 mm

Reference Value = 10.316 V/m; Power Drift = 0.13 dB

Fast SAR: SAR(1 g) = 0.586 mW/g; SAR(10 g) = 0.279 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.764 W/kg

802.11b-Left Head/left Cheek-Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm

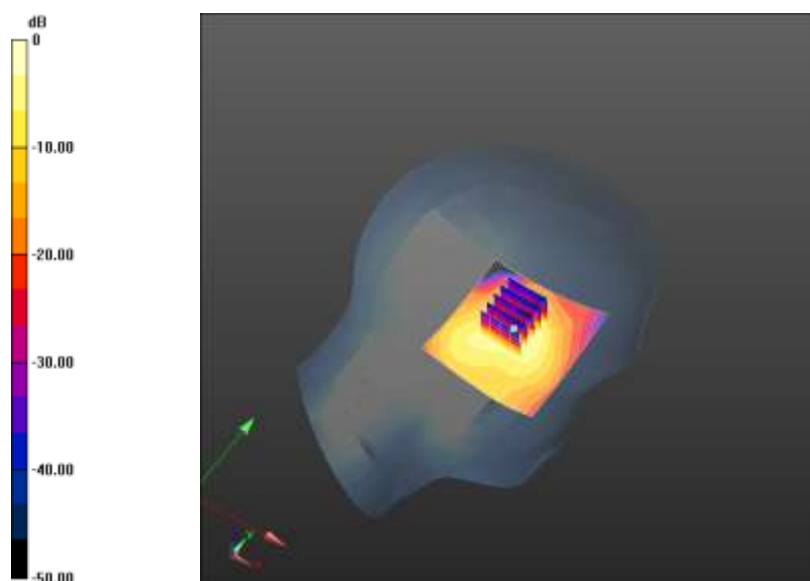
Reference Value = 10.316 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.650 mW/g

SAR(1 g) = 0.515 mW/g; SAR(10 g) = 0.227 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.556 W/kg



0 dB = 0.764 W/kg = -2.34 dB W/kg

Date: 2015.09.01.

HY1-5237 Wi-Fi 802.11b Body Hotspot Front Mid

Medium: MSL2450

Communication System: 802.11b WiFi 2.4GHz(DSSS,1Mbps); Communication System Band: 802.11b;

Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:Probe: ES3DV3 - SN3203; ConvF(4.47, 4.47, 4.47); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

802.11b-10mm/Faceup-Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 8.236 V/m; Power Drift = -0.13 dB

Fast SAR: SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.082 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.202 W/kg

802.11b-10mm/Faceup-Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

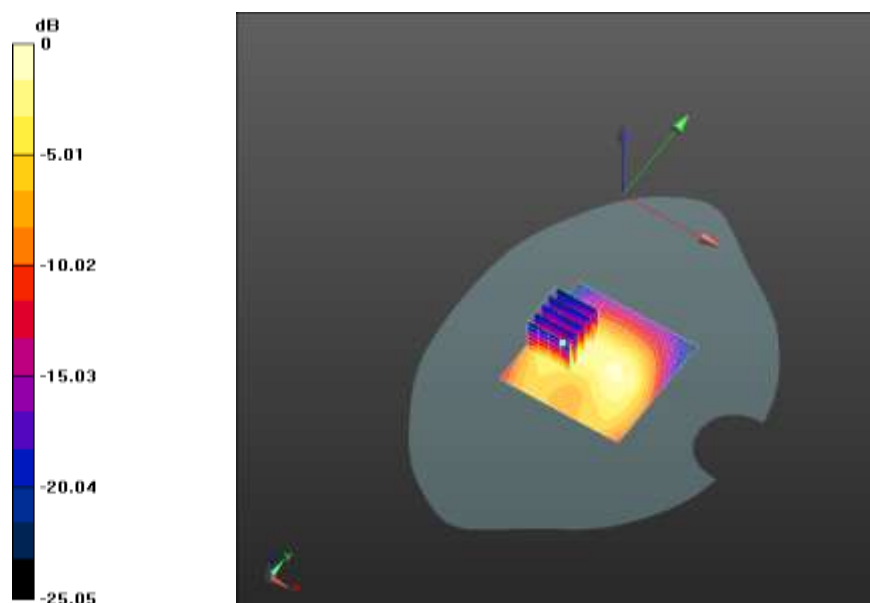
Reference Value = 8.236 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.346 mW/g

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.076 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.174 W/kg



0 dB = 0.202 W/kg = -13.91 dB W/kg

Date: 2015.09.01.

HY1-5237 Wi-Fi 802.11b Body Worn Front Mid

Medium: MSL2450

Communication System: 802.11b WiFi 2.4GHz(DSSS,1Mbps); Communication System Band: 802.11b;

Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:Probe: ES3DV3 - SN3203; ConvF(4.47, 4.47, 4.47); Calibrated: 2014.12.19.;

Electronics: DAE4 Sn876; Calibrated: 2015.03.09.

802.11b-15mm/Faceup-Mid/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Reference Value = 4.826 V/m; Power Drift = 0.14 dB

Fast SAR: SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.043 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (interpolated) = 0.0842 W/kg

802.11b-15mm/Faceup-Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

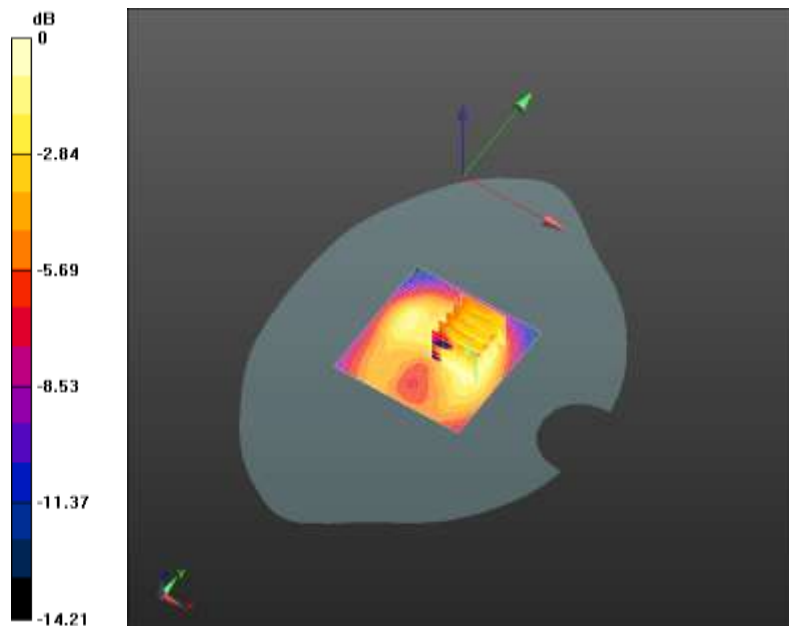
Reference Value = 4.826 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.257 mW/g

SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.049 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0814 W/kg



0 dB = 0.0842 W/kg = -21.49 dB W/kg

