Appendix 1

SAR Distribution Plots for Test System Verification

System Accuracy Verification Measurements for Head SAR Measurements

Date/Time: 5/15/2013 6:55:59 AM

Test Laboratory: Motorola Mobility

1800 MHz Head Tissue System Performance Check

DUT: SN:2d190, Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d190

Communication System: _CW - Dipole; Communication System Band: CW for SAR Dipoles; Frequency: 1800 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1800 MHz; σ = 1.339 S/m; ε_r = 37.505; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

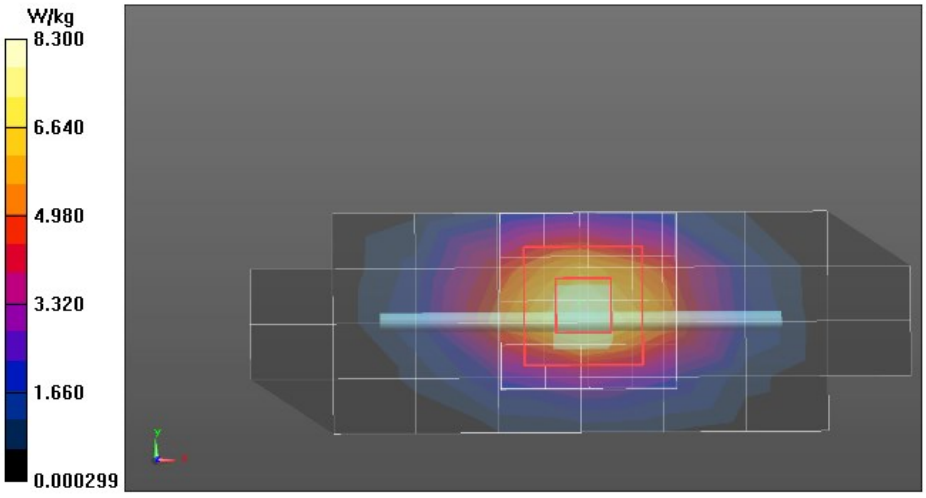
DASY Configuration:

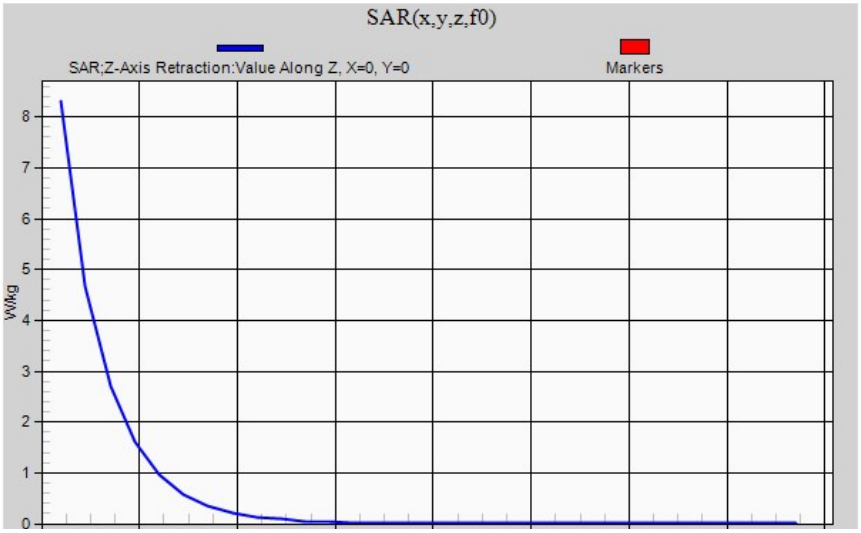
- Probe: ES3DV3 - SN3124; ConvF(5.07, 5.07, 5.07); Calibrated: 8/20/2012;
  - Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = -8.0, 32.0, 107.0
- Electronics: DAE4 Sn376; Calibrated: 9/3/2012
- Phantom: R#2 Triple Flat Phantom 5.1C (Rev.4); Type: QD 000 P51 CA; Serial: n/a
- DASY52 52.8.5(1059); SEMCAD X 14.6.8(7028)

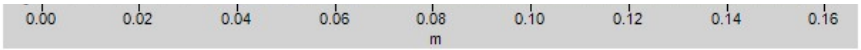
Triple Flat - DIPOLE SPC Template, Rev.1 (27-March-13)/< 2GHz, Daily SPC Check/fastSAR, Dipole Area Scan (5x15x1):
Measurement grid: dx=10mm, dy=15mm
Maximum value of SAR (measured) = 7.77 W/kg

Triple Flat - DIPOLE SPC Template, Rev.1 (27-March-13)/< 2GHz, Daily SPC Check/CUBE SAR, 5x5x7 (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 77.551 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 13.3 W/kg
SAR(1 g) = 7.51 W/kg; SAR(10 g) = 3.97 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 8.35 W/kg

Triple Flat - DIPOLE SPC Template, Rev.1 (27-March-13)/< 2GHz, Daily SPC Check/Z-Axis Retraction (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 8.30 W/kg



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Test Laboratory: Motorola Mobility

2450 MHz Head Tissue System Performance Check

DUT: SN:740, Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:740

Communication System: _CW - Dipole; Communication System Band: CW for SAR Dipoles; Frequency: 2450 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 2450 MHz; σ = 1.899 S/m; ε_r = 37.224; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

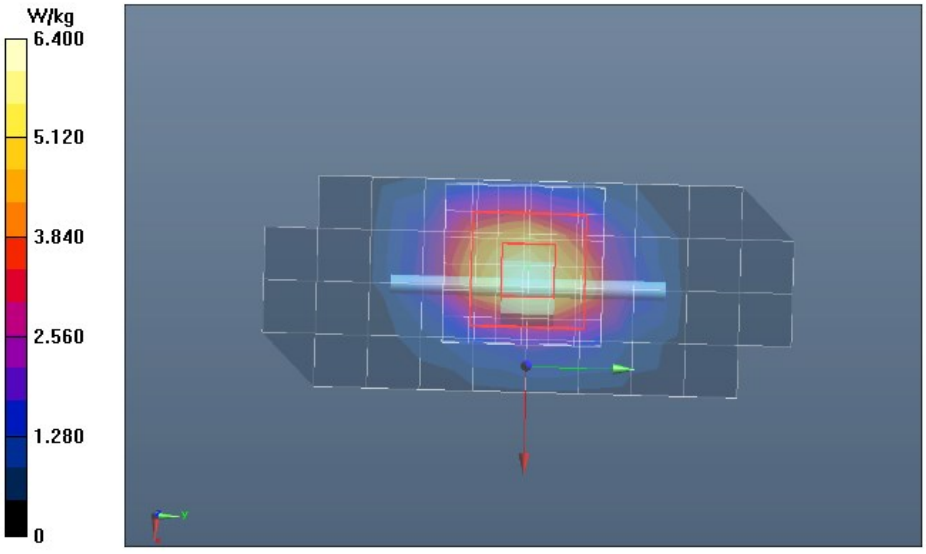
DASY Configuration:

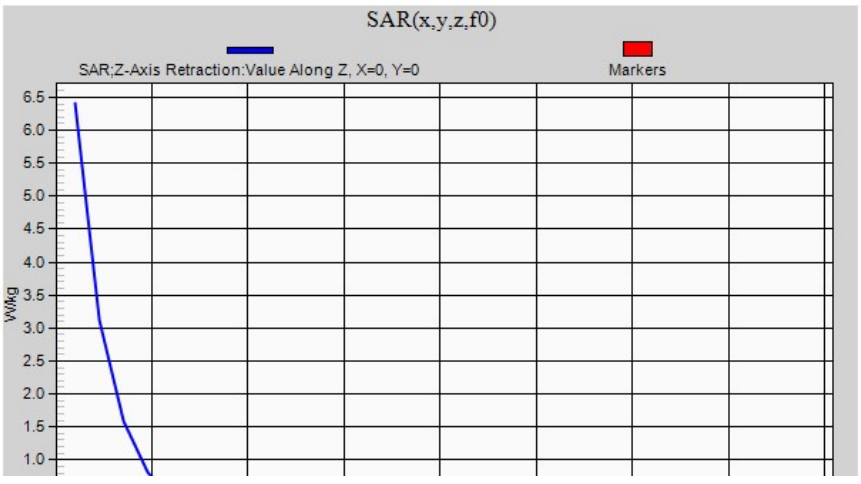
- Probe: EX3DV4 - SN3730; ConvF(6.9, 6.9, 6.9); Calibrated: 8/24/2012;
  - Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = -9.0, 31.0, 106.0
- Electronics: DAE4 Sn784; Calibrated: 3/6/2013
- Phantom: R#3, 2450 WiFi SAM (extended range), Rev.2 (24-Feb-12); Type: SAM v4.0; Serial: TP-1153
- DASY52 52.8.5(1059); SEMCAD X 14.6.8(7028)

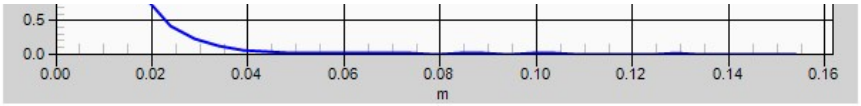
SAM - DIPOLE SPC Template, Rev.2 (8-April-13)/2-3 GHz, SAM Daily SPC Check/fastSAR, Dipole Area Scan (5x23x1):
Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 6.14 W/kg

SAM - DIPOLE SPC Template, Rev.2 (8-April-13)/2-3 GHz, SAM Daily SPC Check/CUBE SAR, 7x7x7 (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 57.232 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 12.2 W/kg
SAR(1 g) = 5.58 W/kg; SAR(10 g) = 2.62 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.58 W/kg

SAM - DIPOLE SPC Template, Rev.2 (8-April-13)/2-3 GHz, SAM Daily SPC Check/Z-Axis Retraction (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 6.40 W/kg



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Test Laboratory: Motorola Mobility

2450 MHz Head System Performance Check

DUT: SN:740, Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:740

Communication System: _CW - Dipole; Communication System Band: CW for SAR Dipoles; Frequency: 2450 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 2450 MHz; σ = 1.781 S/m; ε_r = 36.943; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

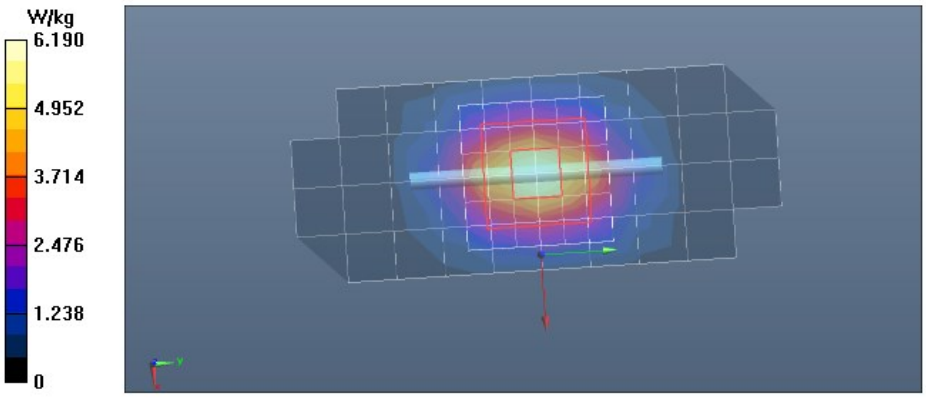
DASY Configuration:

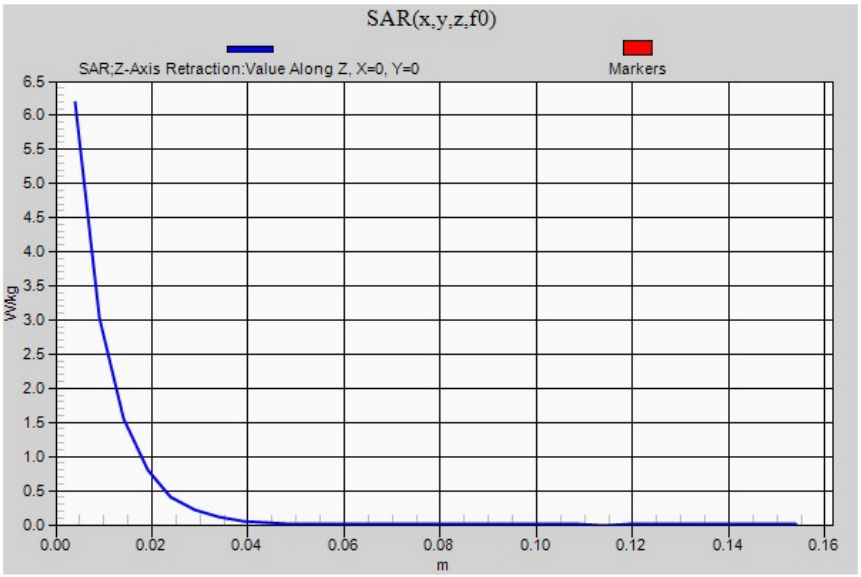
- Probe: EX3DV4 - SN3730; ConvF(6.9, 6.9, 6.9); Calibrated: 8/24/2012;
  - Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = -9.0, 31.0, 106.0
- Electronics: DAE4 Sn784; Calibrated: 3/6/2013
- Phantom: R#3, 2450 WiFi SAM (extended range), Rev.2 (24-Feb-12); Type: SAM v4.0; Serial: TP-1153
- DASY52 52.8.5(1059); SEMCAD X 14.6.8(7028)

SAM - DIPOLE SPC Template, Rev.2 (8-April-13)/2-3 GHz, SAM Daily SPC Check/fastSAR, Dipole Area Scan (5x23x1):
Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 6.15 W/kg

SAM - DIPOLE SPC Template, Rev.2 (8-April-13)/2-3 GHz, SAM Daily SPC Check/CUBE SAR, 7x7x7 (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 58.776 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 11.4 W/kg
SAR(1 g) = 5.37 W/kg; SAR(10 g) = 2.49 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.19 W/kg

SAM - DIPOLE SPC Template, Rev.2 (8-April-13)/2-3 GHz, SAM Daily SPC Check/Z-Axis Retraction (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm





System Accuracy Verification Measurements for Body SAR Measurements

Date/Time: 5/7/2013 9:55:01 AM

Test Laboratory: Motorola Mobility

2450 MHz Boddy Tissue System Performance Check

DUT: SN:740, Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:740

Communication System: _CW - Dipole; Communication System Band: CW for SAR Dipoles; Frequency: 2450 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 2450 MHz; σ = 2.132 S/m; ε_r = 50.433; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

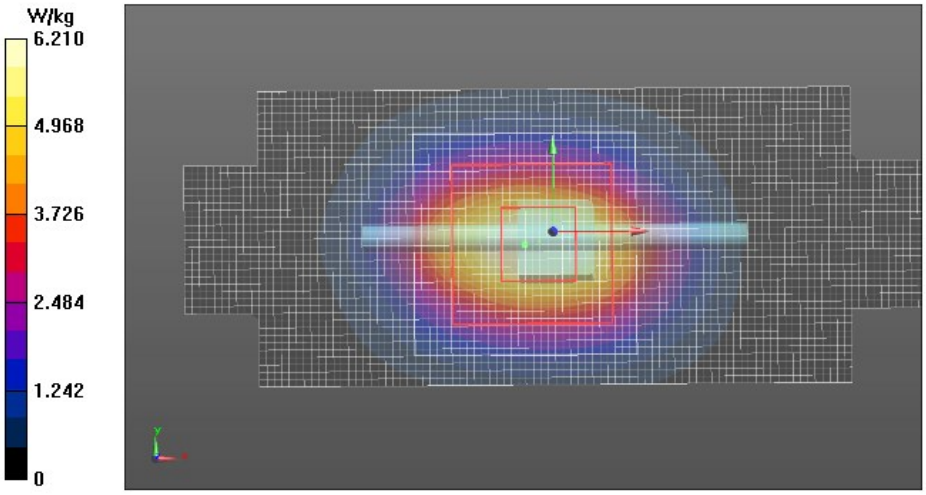
DASY Configuration:

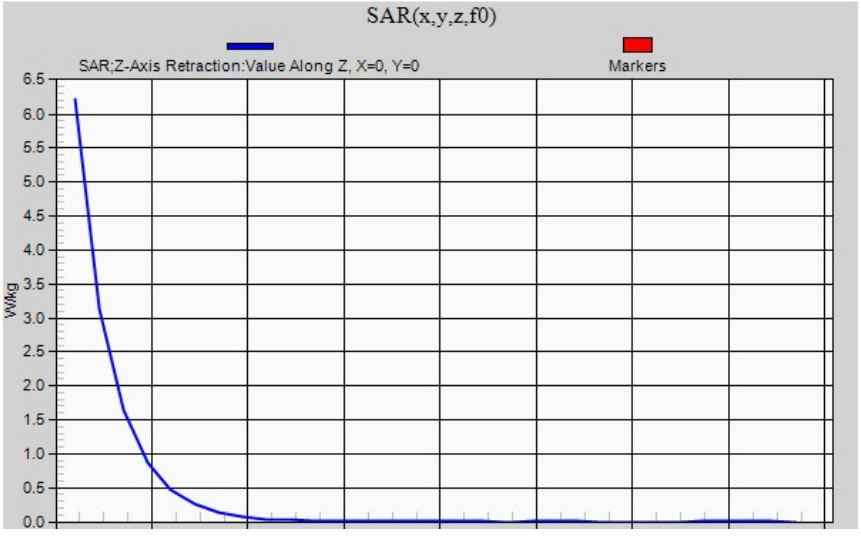
- Probe: EX3DV4 - SN3730; ConvF(6.86, 6.86, 6.86); Calibrated: 8/24/2012;
  - Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = -9.0, 31.0, 106.0
- Electronics: DAE4 Sn784; Calibrated: 3/6/2013
- Phantom: R#-3, Triple Flat Phantom 5.1C (Rev.4); Type: QD 000 P51 CA; Serial: n/a
- DASY52 52.8.5(1059); SEMCAD X 14.6.8(7028)

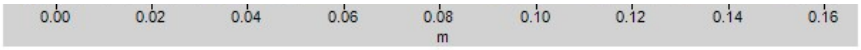
Triple Flat - DIPOLE SPC Template, Rev.2 (8-April-13)/2-3GHz, Daily SPC Check/fastSAR, Dipole Area Scan (41x221x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 6.59 W/kg

Triple Flat - DIPOLE SPC Template, Rev.2 (8-April-13)/2-3GHz, Daily SPC Check/CUBE SAR, 7x7x7 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 52.984 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 11.7 W/kg
SAR(1 g) = 5.39 W/kg; SAR(10 g) = 2.55 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 6.48 W/kg

Triple Flat - DIPOLE SPC Template, Rev.2 (8-April-13)/2-3GHz, Daily SPC Check/Z-Axis Retraction (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 6.21 W/kg



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Appendix 2

SAR Distribution Plots for Head-Adjacent Test Results

Date/Time: 5/7/2013 1:57:11 PM

Test Laboratory: Motorola Mobility

WiFi 2.4 GHz Mid Chn, Right Head Cheek Touch

DUT: FCC ID: IHDT56NJ1, Serial: Q59RVG22F2

Communication System: _Wi-Fi 2450MHz; Communication System Band: 2450MHz WIFI; Frequency: 2437 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.873 S/m; ε_r = 37.099; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

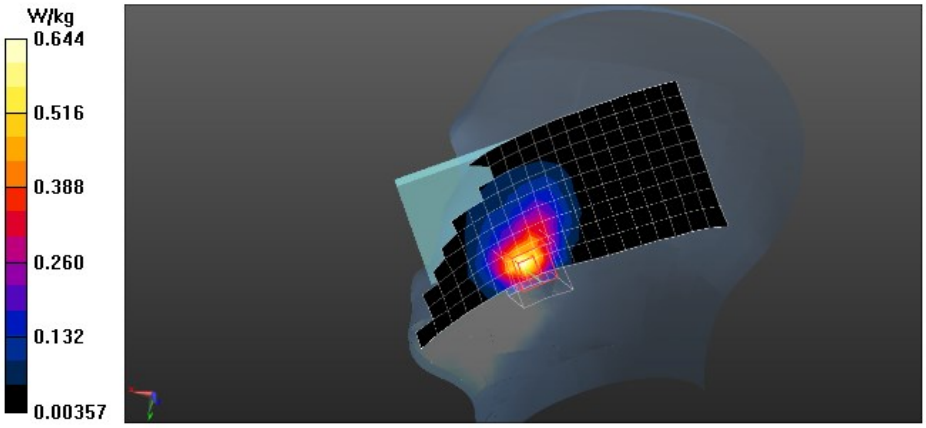
- Probe: EX3DV4 - SN3730; ConvF(6.9, 6.9, 6.9); Calibrated: 8/24/2012;
  - Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = -19.0, 31.0
- Electronics: DAE4 Sn784; Calibrated: 3/6/2013
- Phantom: R#3, 2450 WiFi SAM (extended range), Rev.2 (24-Feb-12); Type: SAM v4.0; Serial: TP-1153
- DASY52 52.8.5(1059); SEMCAD X 14.6.8(7028)

2-3GHz, RIGHT Head SAM Template - Rev.1 (28-March-13)/2-3GHz Right Head Template/10mm, Area Scan (10x25x1):
Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.668 W/kg

2-3GHz, RIGHT Head SAM Template - Rev.1 (28-March-13)/2-3GHz Right Head Template/7x7x7 Zoom Scan (2-3GHz) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.719 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.270 W/kg (SAR corrected for target medium)

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.644 W/kg



Appendix 3

SAR Distribution Plots for Body-Worn Accessory Test Results

Date/Time: 5/7/2013 6:25:29 PM

Test Laboratory: Motorola Mobility

WiFi 2.4 GHz Mid Chn, Body Worn

DUT: Primus Ferrari UMTS (Phone 1); Type: Touch Tablet; Serial: Q59RVG22F2

Communication System: _Wi-Fi 2450MHz; Communication System Band: 2450MHz WIFI; Frequency: 2437 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2.047 S/m; ε_r = 50.07; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

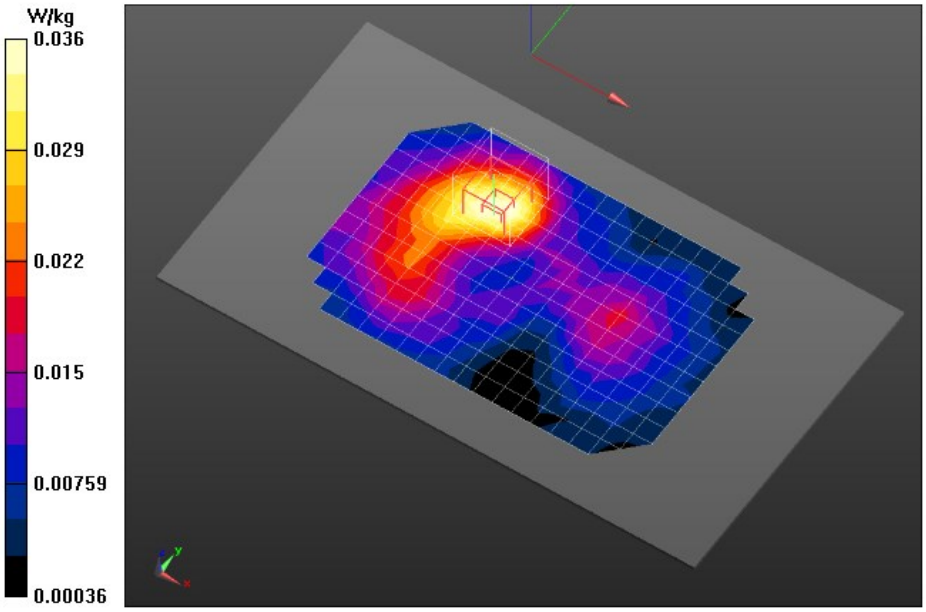
- Probe: EX3DV4 - SN3730; ConvF(6.86, 6.86, 6.86); Calibrated: 8/24/2012;
  - Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = 6.0, 31.0
- Electronics: DAE4 Sn784; Calibrated: 3/6/2013
- Phantom: R#-3, Triple Flat Phantom 5.1C (Rev.4); Type: QD 000 P51 CA; Serial: n/a
- DASY52 52.8.5(1059); SEMCAD X 14.6.8(7028)

2-3GHz, Triple Flat Phone Template - Rev.1 (28-March-13)/2-3GHz Triple Flat Phone Template/Area Scan (10mm) (27x15x1):
Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0372 W/kg

2-3GHz, Triple Flat Phone Template - Rev.1 (28-March-13)/2-3GHz Triple Flat Phone Template/7x7x7 Zoom Scan (2-3GHz) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.099 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.0570 W/kg
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.020 W/kg (SAR corrected for target medium)

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0365 W/kg



Appendix 4

SAR Distribution Plots for Mobile Hotspot Test Results

Date/Time: 5/7/2013 9:03:15 PM

Test Laboratory: Motorola Mobility

WiFi 2.4 GHz Mobile Hotspot, Right Edge

DUT: Primus Ferrari UMTS (Phone 1); Type: Touch Tablet; Serial: Q59RVG22F2

Communication System: _Wi-Fi 2450MHz; Communication System Band: 2450MHz WIFI; Frequency: 2437 MHz;Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2.047 S/m; ε_r = 50.07; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

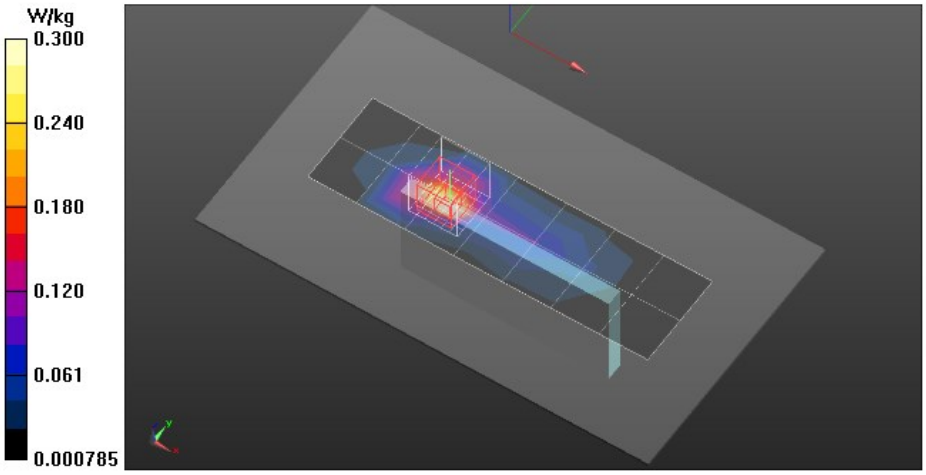
- Probe: EX3DV4 - SN3730; ConvF(6.86, 6.86, 6.86); Calibrated: 8/24/2012;
  - Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection), z = -39.0, 31.0
- Electronics: DAE4 Sn784; Calibrated: 3/6/2013
- Phantom: R#-3, Triple Flat Phantom 5.1C (Rev.4); Type: QD 000 P51 CA; Serial: n/a
- DASY52 52.8.5(1059); SEMCAD X 14.6.8(7028)

2-3GHz, Triple Flat Phone Template - Rev.1 (28-March-13)/2-3GHz Triple Flat Phone Template/Find Max (8x3x1): Measurement grid: dx=30mm, dy=30mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.223 W/kg

2-3GHz, Triple Flat Phone Template - Rev.1 (28-March-13)/2-3GHz Triple Flat Phone Template/7x7x7 Zoom Scan (2-3GHz) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.363 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.128 W/kg (SAR corrected for target medium)

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.300 W/kg



Appendix 5

SAR Distribution Plots for Simultaneous Transmission Test Results

WCDMA 1700 and WiFi 2.4 GHz Simultaneous Transmission Right Head Cheek

Multi-Band Configurations:

DASY Configuration for 2-3GHz, RIGHT Head SAM Template - Special for MegaZooms 25420-1 Primus_Ferrari, 15May13/2-3GHz Right Head Template/7x7x7 Zoom Scan (2-3GHz) 2 2:

Date/Time: 5/15/2013 12:48:35 PM
Test Laboratory: Motorola Mobility
File Name: 25420-1_067_051513.da53:0
DUT: Primus Ferrari UMTS (Phone 1); Type: Touch Tablet; Serial: Q59RVG22F2
Communication System: _Wi-Fi 2450MHz; Frequency: 2437 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HEAD tissue Medium parameters used (interpolated): f = 2437 MHz; σ = 1.767 S/m; ε_r = 36.983; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

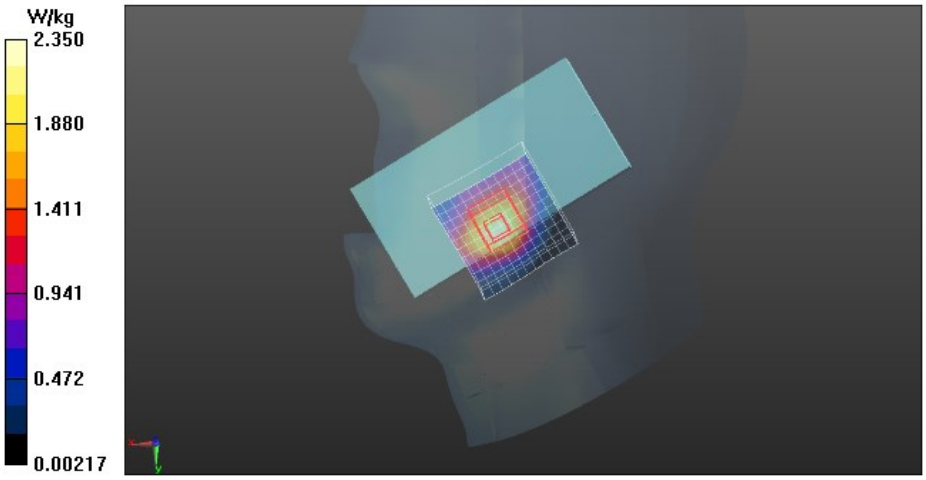
- Probe: EX3DV4 - SN3730; ConvF(6.9, 6.9, 6.9); Calibrated: 8/24/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn784; Calibrated: 3/6/2013
- Phantom: R#3, 2450 WiFi SAM (extended range), Rev.2 (24-Feb-12); Type: SAM v4.0; Serial: TP-1153
- Measurement SW: DASY52, Version 52.8 (5)

DASY Configuration for 2-3GHz, RIGHT Head SAM Template - Special for MegaZooms 25420-1 Primus_Ferrari, 15May13/2-3GHz Right Head Template/7x7x7 Zoom Scan (2-3GHz) 2 2:

Date/Time: 5/15/2013 6:34:19 PM
Test Laboratory: Motorola Mobility
File Name: 25420-1_071_051513.da53:0
DUT: Primus - 1; Type: Phone - 1; Serial: 352507050007739
Communication System: _WCDMA; Frequency: 1732 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HEAD tissue Medium parameters used (interpolated): f = 1732 MHz; σ = 1.339 S/m; ε_r = 36.799; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: ES3DV3 - SN3124; ConvF(5.07, 5.07, 5.07); Calibrated: 8/20/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 9/3/2012
- Phantom: R#2 Glycol SAM (extended range), Rev.2 (24-Feb-12); Type: SAM v4.0; Serial: TP-1136
- Measurement SW: DASY52, Version 52.8 (5)

Multi Band Result:
SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.790 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.35 W/kg



WCDMA 1900 and WiFi 2.4 GHz Simultaneous SAR, Right Head Cheek

Multi-Band Configurations:

DASY Configuration for DASY5, SAM - Phone against RIGHT head template - Scan 26 & 37(29-Sept-11)/Right Head Template/5x5x7 MegaZoom Scan (<=3GHz):

Date/Time: 8/1/2012 6:45:00 PM
Test Laboratory: Motorola Mobility
File Name: 25079-1_202_080112.da53:0
DUT: PRIMUS UMTS (Phone 1); Type: PHONE; Serial: 352507050007739
Communication System: _WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1; PMF: 1
Medium: Regular Glycol Head 1750/1880 Medium parameters used: f = 1880 MHz; σ = 1.47 S/m; ε_r = 39.1; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

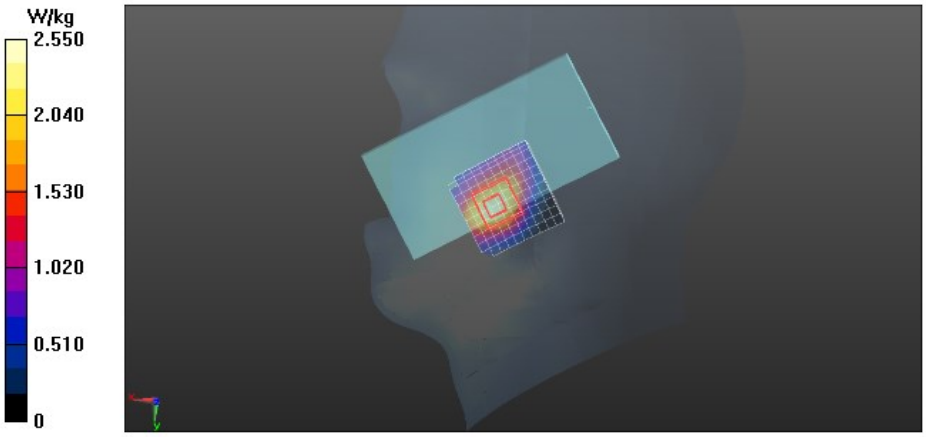
- Probe: ES3DV3 - SN3184; ConvF(5.48, 5.48, 5.48); Calibrated: 4/25/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn378; Calibrated: 4/11/2012
- Phantom: R#1 - Glycol SAM (extended range), Rev.2 (24-Feb-12); Type: SAM v4.0; Serial: TP-1319
- Measurement SW: DASY52, Version 52.8 (1)

DASY Configuration for 2-3GHz, RIGHT Head SAM Template - Special for MegaZooms 25420-1 Primus_Ferrari, 15May13/2-3GHz Right Head Template/7x7x7 Zoom Scan (2-3GHz) 2 2:

Date/Time: 5/15/2013 12:48:35 PM
Test Laboratory: Motorola Mobility
File Name: 25420-1_067_051513.da53:0
DUT: Primus Ferrari UMTS (Phone 1); Type: Touch Tablet; Serial: Q59RVG22F2
Communication System: _Wi-Fi 2450MHz; Frequency: 2437 MHz; Duty Cycle: 1:1; PMF: 1
Medium: HEAD tissue Medium parameters used (interpolated): f = 2437 MHz; σ = 1.767 S/m; ε_r = 36.983; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3730; ConvF(6.9, 6.9, 6.9); Calibrated: 8/24/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn784; Calibrated: 3/6/2013
- Phantom: R#3, 2450 WiFi SAM (extended range), Rev.2 (24-Feb-12); Type: SAM v4.0; Serial: TP-1153
- Measurement SW: DASY52, Version 52.8 (5)

Multi Band Result:
SAR(1 g) = 1.47 W/kg; SAR(10 g) = 0.844 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.55 W/kg



Appendix 6

Measurement Uncertainty Budget

Uncertainty Budget for Device Under Test, for 735 MHz to 3 GHz

a	*b*	*c*	*d*	*e = f(d,k)*	*f*	*g*	*h = c x f / e*	*i = c x g / e*	*k*
Uncertainty Component	Description IEEE 1528(2003) / IEC 62209-1(2005)	**Tol. (± %)**	**Prob Dist**	**Div.**	**c_i (1 g)**	**c_i (10 g)**	**1 g u_i (±%)**	**10 g u_i (±%)**	**v_i**
Measurement System									
Probe Calibration [ES3DV3]	E.2.1 / 7.2.1	6.0	N	1.00	1	1	6.0	6.0	∞
Axial Isotropy	E.2.2 / 7.2.1.2	4.7	R	1.73	0.707	0.707	1.9	1.9	∞
Hemispherical Isotropy	E.2.2 / 7.2.1.2	9.6	R	1.73	0.707	0.707	3.9	3.9	∞
Boundary Effect	E.2.3 / 7.2.1.5	1.0	R	1.73	1	1	0.6	0.6	∞
Linearity	E.2.4 / 7.2.1.3	4.7	R	1.73	1	1	2.7	2.7	∞
System Detection Limits	E.2.5 / 7.2.1.4	1.0	R	1.73	1	1	0.6	0.6	∞
Readout Electronics	E.2.6 / 7.2.1.6	0.3	N	1.00	1	1	0.3	0.3	∞
Response Time	E.2.7 / 7.2.1.7	1.1	R	1.73	1	1	0.6	0.6	∞
Integration Time	E.2.8 / 7.2.1.8	1.1	R	1.73	1	1	0.6	0.6	∞
RF Ambient Conditions - Noise	E.6.1 / 7.2.3.6	3.0	R	1.73	1	1	1.7	1.7	∞
RF Ambient Conditions - Reflections	E.6.1 / 7.2.3.6	3.0	R	1.73	1	1	1.7	1.7	∞
Probe Positioner Mech. Tolerance	E.6.2 / 7.2.2.1	0.4	R	1.73	1	1	0.2	0.2	∞
Probe Positioning w.r.t Phantom	E.6.3 / 7.2.2.3	2.9	R	1.73	1	1	1.7	1.7	∞
Max. SAR Evaluation (ext., int., avg.)	E.5 / 7.2.4	3.4	R	1.73	1	1	2.0	2.0	∞
Test sample Related									
Test Sample Positioning	E.4.2 / 7.2.2.4	3.4	N	1.00	1	1	3.4	3.4	79
Device Holder Uncertainty	E.4.1 / 7.2.2.4.2	4.5	N	1.00	1	1	4.5	4.5	11
SAR drift	6.6.2 / 7.2.3.5	0.0	R	1.73	1	1	0.0	0.0	
Phantom and Tissue Parameters									
Phantom Uncertainty	E.3.1 / 7.2.2.2	6.1	R	1.73	1	1	3.5	3.5	∞
SAR Correction		1.9	R	1.73	1	0.84	1.1	0.9	∞
Liquid Conductivity (measurement)	E.3.3 / 7.2.3.3	1.3	N	1.00	0.64	0.43	0.9	0.6	6
Liquid Permittivity (measurement)	E.3.2 / 7.2.3.4	0.7	N	1.00	0.6	0.49	0.4	0.3	6
Combined Standard Uncertainty			RSS				11	11	390
Expanded Uncertainty (95% CONFIDENCE LEVEL)			*k*=2				22	22	

Uncertainty Budget for Device Under Test for 3 to 6 GHz

a	*b*	*c*	*d*	*e = f(d,k)*	*f*	*g*	*h = c x f / e*	*i = c x g / e*	*k*
Uncertainty Component	Description IEC 62209-2 (2010)	**Tol. (± %)**	**Prob Dist**	**Div.**	**c_i (1 g)**	**c_i (10 g)**	**1 g u_i (±%)**	**10 g u_i (±%)**	**v_i**
Measurement System									
Probe Calibration [EX3DV4]	7.2.2.1	6.6	N	1.00	1	1	6.6	6.6	∞
Axial Isotropy	7.2.2.2	4.7	R	1.73	0.707	0.707	1.9	1.9	∞
Hemispherical Isotropy	7.2.2.2	9.6	R	1.73	0.707	0.707	3.9	3.9	∞
Boundary Effect	7.2.2.6	2.0	R	1.73	1	1	1.2	1.2	∞
Linearity	7.2.2.5	4.7	R	1.73	1	1	2.7	2.7	∞
System Detection Limits	7.2.2	1.0	R	1.73	1	1	0.6	0.6	∞
Readout Electronics	7.2.2.7	0.3	N	1.00	1	1	0.3	0.3	∞
Response Time	7.2.2.8	1.1	R	1.73	1	1	0.6	0.6	∞
Integration Time	7.2.2.9	1.1	R	1.73	1	1	0.6	0.6	∞
RF Ambient Conditions - Noise	7.2.4.5	3.0	R	1.73	1	1	1.7	1.7	∞
RF Ambient Conditions - Reflections	7.2.4.5	3.0	R	1.73	1	1	1.7	1.7	∞
Probe Positioner Mech. Tolerance	7.2.3.1	1.0	R	1.73	1	1	0.6	0.6	∞
Probe Positioning w.r.t Phantom	7.2.3.3	6.7	R	1.73	1	1	3.9	3.9	∞
Max. SAR Evaluation (ext., int., avg.)	7.2.5.3	4.0	R	1.73	1	1	2.3	2.3	∞
Test sample Related									
Test Sample Positioning	7.2.3.4	3.4	N	1.00	1	1	3.4	3.4	79
Device Holder Uncertainty	7.2.3.4	4.5	N	1.00	1	1	4.5	4.5	11
SAR drift	7.2.2.10	0.0	R	1.73	1	1	0.0	0.0	
Phantom and Tissue Parameters									
Phantom Uncertainty	7.2.3.2	6.6	R	1.73	1	1	3.8	3.8	∞
SAR Correction	7.2.4.3	1.9	R	1.73	1	0.84	1.1	0.9	∞
Liquid Conductivity (measurement)	7.2.4.3	1.4	N	1.00	0.64	0.43	0.9	0.6	6
Liquid Permittivity (measurement)	7.2.4.3	0.7	N	1.00	0.6	0.49	0.4	0.4	6
Combined Standard Uncertainty			RSS				12	12	557
Expanded Uncertainty (95% CONFIDENCE LEVEL)			*k*=2				24	24	