

Date/Time: 2010/12/6 09:33:38

Test Laboratory: Compliance Certification Services Inc.

**HAC\_ER\_Device\_WCDMA BAND II -Battery B****DUT: K5; Type: Mobile Phone; Serial: N/A**

Communication System: WCDMA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: RF Section

Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

**DASY4 Configuration:**

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1);
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

**E Scan - ER3D - 2007: 15 mm from Probe Center to the Device Middle CH/Hearing****Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 55.5 V/m

Probe Modulation Factor = 1.38

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 30.3 V/m; Power Drift = 0.051 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
<b>55.5 M4</b>	<b>51.9 M4</b>	<b>46.3 M4</b>
Grid 4	Grid 5	Grid 6
<b>34.0 M4</b>	<b>51.4 M4</b>	<b>52.0 M4</b>
Grid 7	Grid 8	Grid 9
<b>56.2 M4</b>	<b>66.2 M3</b>	<b>65.1 M3</b>

Category	AWF (dB)	Limits for E-Field Emissions (V/m) > 960MHz	Limits for H-Field Emissions (A/m) > 960MHz
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.14 - 0.25
M4	0	<63.1	<0.19
	-5	<47.3	<0.14
Category	AWF (dB)	Limits for E-Field Emissions (V/m) < 960MHz	Limits for H-Field Emissions (A/m) < 960 MHz
M1	0	631 - 1122	1.91 - 3.39
	-5	473.2 - 841.4	1.43 - 2.54
M2	0	354.8 - 631	1.07 - 1.91
	-5	266.1 - 473.2	0.8 - 1.43

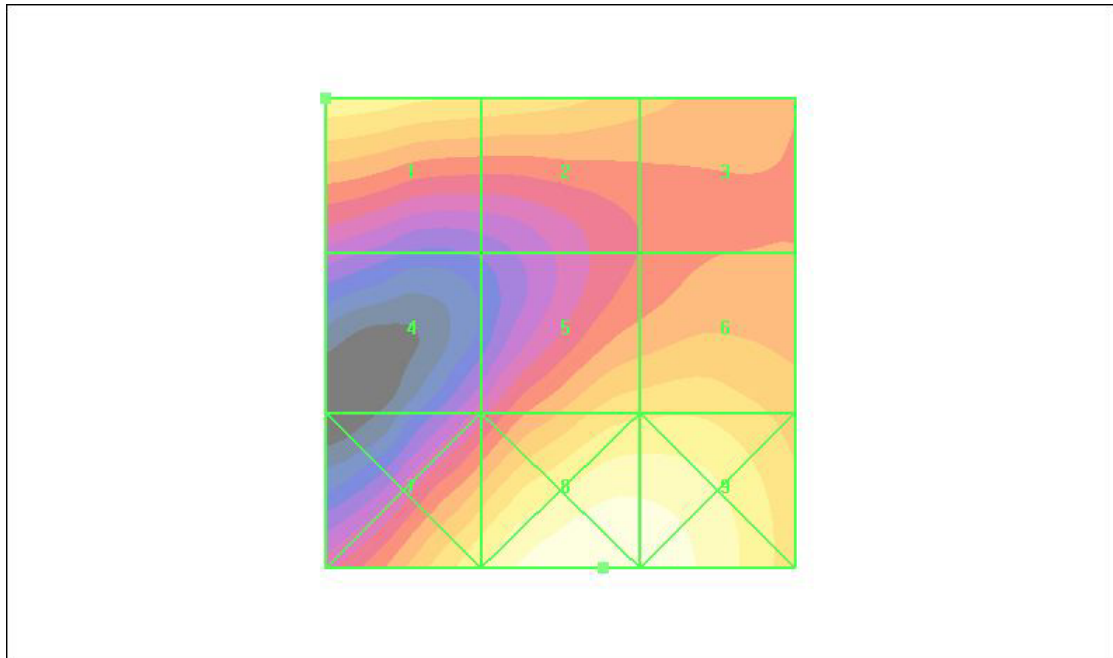
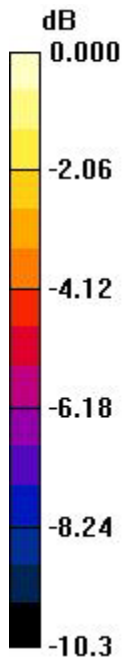
M3	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M4	0	<199.5	<0.6
	-5	<149.6	<0.45

**Cursor:**

Total = 66.2 V/m

E Category: M3

Location: -4.5, 25, 8.7 mm



0 dB = 66.2V/m

Date/Time: 2010/12/6 09:39:54

Test Laboratory: Compliance Certification Services Inc.

**HAC\_ER\_Device\_WCDMA BAND II -Battery B****DUT: K5; Type: Mobile Phone; Serial: N/A**

Communication System: WCDMA Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: RF Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

**DASY4 Configuration:**

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1);
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

**E Scan - ER3D - 2007: 15 mm from Probe Center to the Device High CH/Hearing****Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 51.6 V/m

Probe Modulation Factor = 1.38

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 25.5 V/m; Power Drift = 0.013 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
<b>51.6 M4</b>	<b>47.8 M4</b>	<b>42.2 M4</b>
Grid 4	Grid 5	Grid 6
<b>30.5 M4</b>	<b>45.6 M4</b>	<b>46.4 M4</b>
Grid 7	Grid 8	Grid 9
<b>48.8 M4</b>	<b>59.0 M4</b>	<b>58.2 M4</b>

Category	AWF (dB)	Limits for E-Field Emissions (V/m) > 960MHz	Limits for H-Field Emissions (A/m) > 960MHz
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.14 - 0.25
M4	0	<63.1	<0.19
	-5	<47.3	<0.14
Category	AWF (dB)	Limits for E-Field Emissions (V/m) < 960MHz	Limits for H-Field Emissions (A/m) < 960 MHz
M1	0	631 - 1122	1.91 - 3.39
	-5	473.2 - 841.4	1.43 - 2.54
M2	0	354.8 - 631	1.07 - 1.91
	-5	266.1 - 473.2	0.8 - 1.43

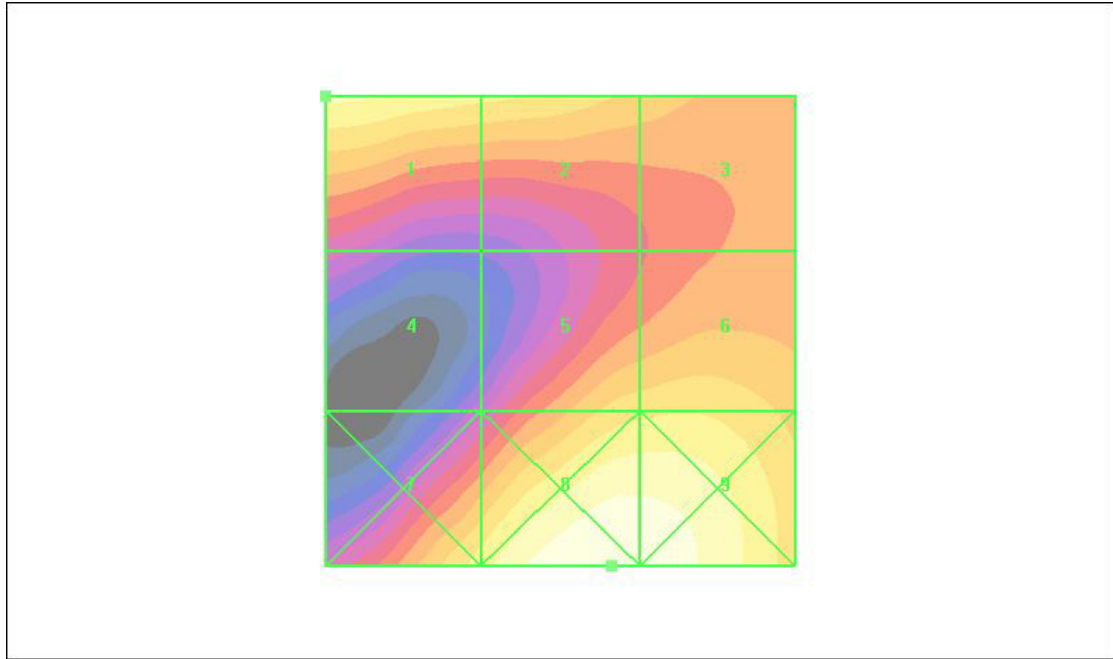
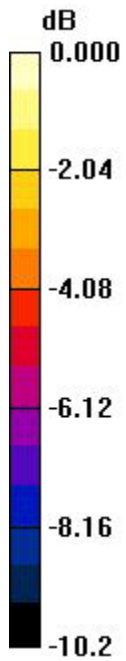
M3	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M4	0	<199.5	<0.6
	-5	<149.6	<0.45

**Cursor:**

Total = 59.0 V/m

E Category: M4

Location: -5.5, 25, 8.7 mm



0 dB = 59.0V/m

Test Laboratory: Compliance Certification Services Inc.

## HAC\_ER\_Device\_WCDMA BAND V

**DUT: K5; Type: Smart Handheld; Serial: 354291040001353**

Communication System: WCDMA Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: RF Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1);
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

## E Scan - ER3D - 2007: 15 mm from Probe Center to the Device Low CH/Hearing

**Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 86.8 V/m

Probe Modulation Factor = 1.21

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 99.8 V/m; Power Drift = 0.075 dB

Hearing Aid Near-Field Category: **M4 (AWF 0 dB)**

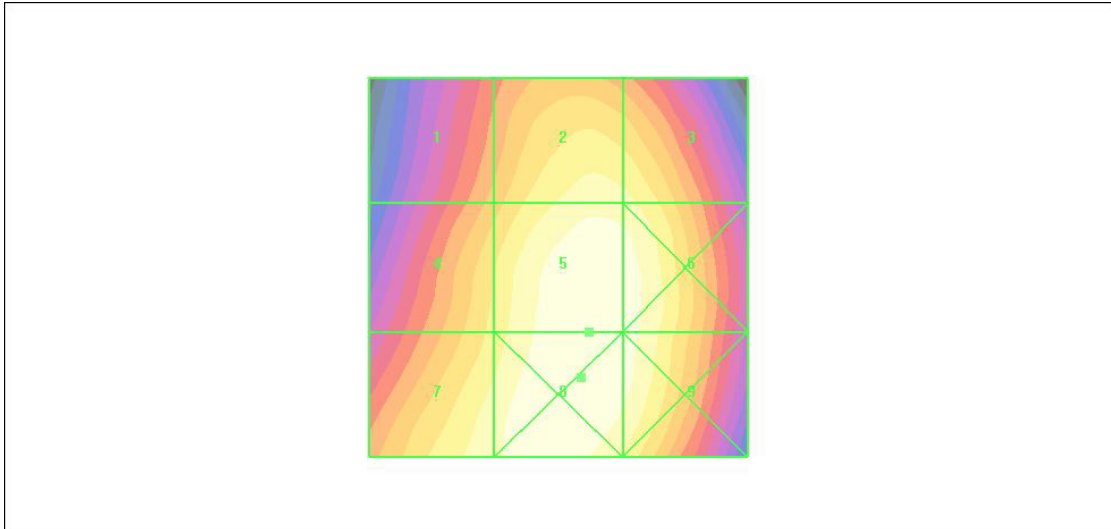
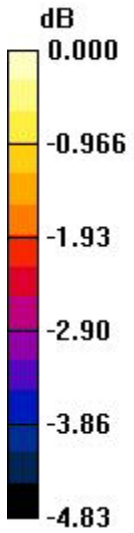
Peak E-field in V/m

Grid 1	Grid 2	Grid 3
<b>73.6 M4</b>	<b>82.8 M4</b>	<b>81.9 M4</b>
Grid 4	Grid 5	Grid 6
<b>78.9 M4</b>	<b>86.8 M4</b>	<b>85.7 M4</b>
Grid 7	Grid 8	Grid 9
<b>82.9 M4</b>	<b>86.9 M4</b>	<b>85.5 M4</b>

Category	AWF (dB)	Limits for E-Field Emissions (V/m) > 960MHz	Limits for H-Field Emissions (A/m) > 960MHz
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.14 - 0.25
M4	0	<63.1	<0.19
	-5	<47.3	<0.14
Category	AWF (dB)	Limits for E-Field Emissions (V/m) < 960MHz	Limits for H-Field Emissions (A/m) < 960 MHz
M1	0	631 - 1122	1.91 - 3.39
	-5	473.2 - 841.4	1.43 - 2.54
M2	0	354.8 - 631	1.07 - 1.91
	-5	266.1 - 473.2	0.8 - 1.43

M3	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M4	0	<199.5	<0.6
	-5	<149.6	<0.45

**Cursor:**  
 Total = 86.9 V/m  
 E Category: M4  
 Location: -3, 14.5, 8.7 mm



0 dB = 86.9V/m

Test Laboratory: Compliance Certification Services Inc.

## HAC\_ER\_Device\_WCDMA BAND V

**DUT: K5; Type: Smart Handheld; Serial: 354291040001353**

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: RF Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1);
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

## E Scan - ER3D - 2007: 15 mm from Probe Center to the Device Middle CH/Hearing

**Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 88.4 V/m

Probe Modulation Factor = 1.21

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 101.4 V/m; Power Drift = 0.021 dB

Hearing Aid Near-Field Category: **M4 (AWF 0 dB)**

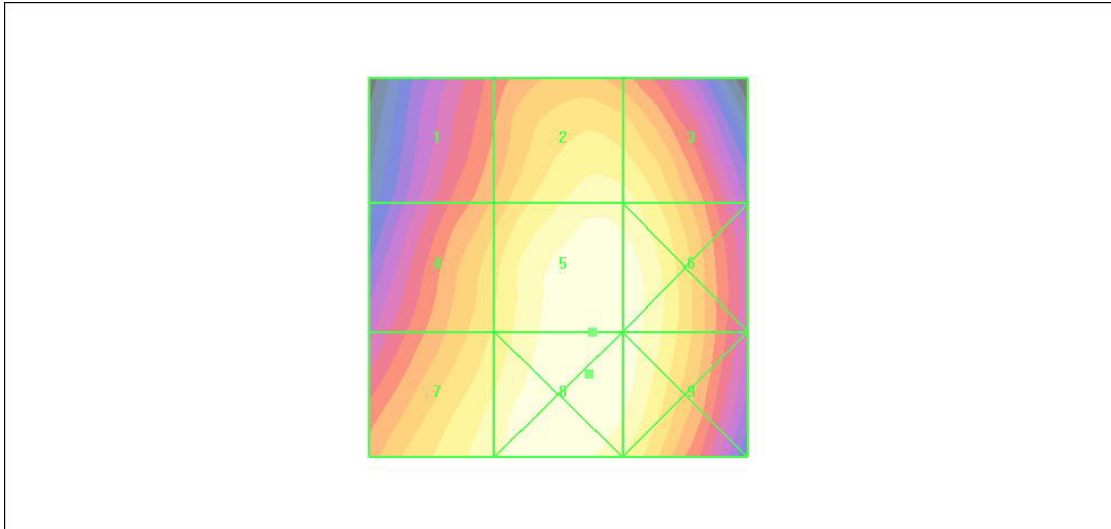
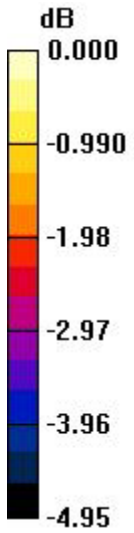
Peak E-field in V/m

Grid 1	Grid 2	Grid 3
<b>73.9 M4</b>	<b>84.1 M4</b>	<b>83.4 M4</b>
Grid 4	Grid 5	Grid 6
<b>79.5 M4</b>	<b>88.4 M4</b>	<b>87.6 M4</b>
Grid 7	Grid 8	Grid 9
<b>84.3 M4</b>	<b>88.5 M4</b>	<b>87.3 M4</b>

Category	AWF (dB)	Limits for E-Field Emissions (V/m) > 960MHz	Limits for H-Field Emissions (A/m) > 960MHz
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.14 - 0.25
M4	0	<63.1	<0.19
	-5	<47.3	<0.14
Category	AWF (dB)	Limits for E-Field Emissions (V/m) < 960MHz	Limits for H-Field Emissions (A/m) < 960 MHz
M1	0	631 - 1122	1.91 - 3.39
	-5	473.2 - 841.4	1.43 - 2.54
M2	0	354.8 - 631	1.07 - 1.91
	-5	266.1 - 473.2	0.8 - 1.43

M3	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M4	0	<199.5	<0.6
	-5	<149.6	<0.45

**Cursor:**  
 Total = 88.5 V/m  
 E Category: M4  
 Location: -4, 14, 8.7 mm



0 dB = 88.5V/m



Test Laboratory: Compliance Certification Services Inc.

**HAC\_ER\_Device\_WCDMA BAND V**

**DUT: K5; Type: Smart Handheld; Serial: 354291040001353**

Communication System: WCDMA Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: RF Section  
 Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C  
 Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

**DASY4 Configuration:**

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1);
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

**E Scan - ER3D - 2007: 15 mm from Probe Center to the Device High CH/Hearing**

**Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 90.6 V/m  
 Probe Modulation Factor = 1.21  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 104.0 V/m; Power Drift = 0.016 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

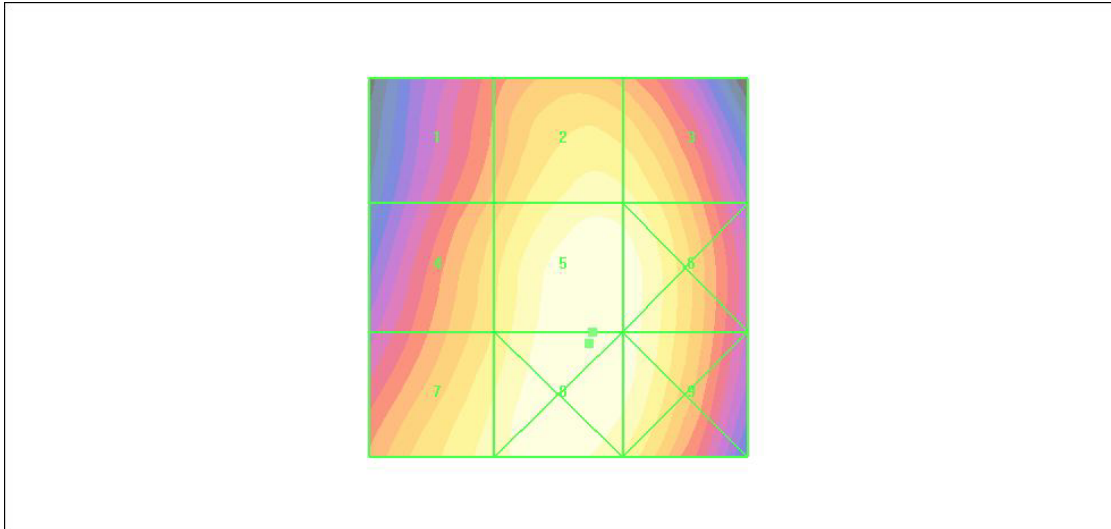
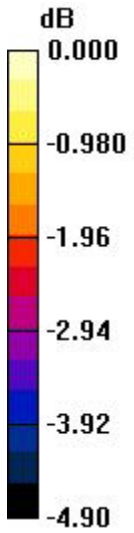
Peak E-field in V/m

Grid 1	Grid 2	Grid 3
<b>76.3 M4</b>	<b>86.4 M4</b>	<b>85.5 M4</b>
Grid 4	Grid 5	Grid 6
<b>81.4 M4</b>	<b>90.6 M4</b>	<b>89.7 M4</b>
Grid 7	Grid 8	Grid 9
<b>85.9 M4</b>	<b>90.7 M4</b>	<b>89.4 M4</b>

Category	AWF (dB)	Limits for E-Field Emissions (V/m) > 960MHz	Limits for H-Field Emissions (A/m) > 960MHz
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.14 - 0.25
M4	0	<63.1	<0.19
	-5	<47.3	<0.14
Category	AWF (dB)	Limits for E-Field Emissions (V/m) < 960MHz	Limits for H-Field Emissions (A/m) < 960 MHz
M1	0	631 - 1122	1.91 - 3.39
	-5	473.2 - 841.4	1.43 - 2.54
M2	0	354.8 - 631	1.07 - 1.91
	-5	266.1 - 473.2	0.8 - 1.43

M3	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M4	0	<199.5	<0.6
	-5	<149.6	<0.45

**Cursor:**  
 Total = 90.7 V/m  
 E Category: M4  
 Location: -4, 10, 8.7 mm



0 dB = 90.7V/m

Date/Time: 2010/12/7 09:05:50

Test Laboratory: Compliance Certification Services Inc.

**HAC\_ER\_Device\_WCDMA BAND V -Battery B****DUT: K5; Type: Mobile Phone; Serial: N/A**

Communication System: WCDMA Band V; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: RF Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

**DASY4 Configuration:**

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1);
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

**E Scan - ER3D - 2007: 15 mm from Probe Center to the Device Low CH/Hearing****Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 92.7 V/m

Probe Modulation Factor = 1.21

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 102.9 V/m; Power Drift = 0.045 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

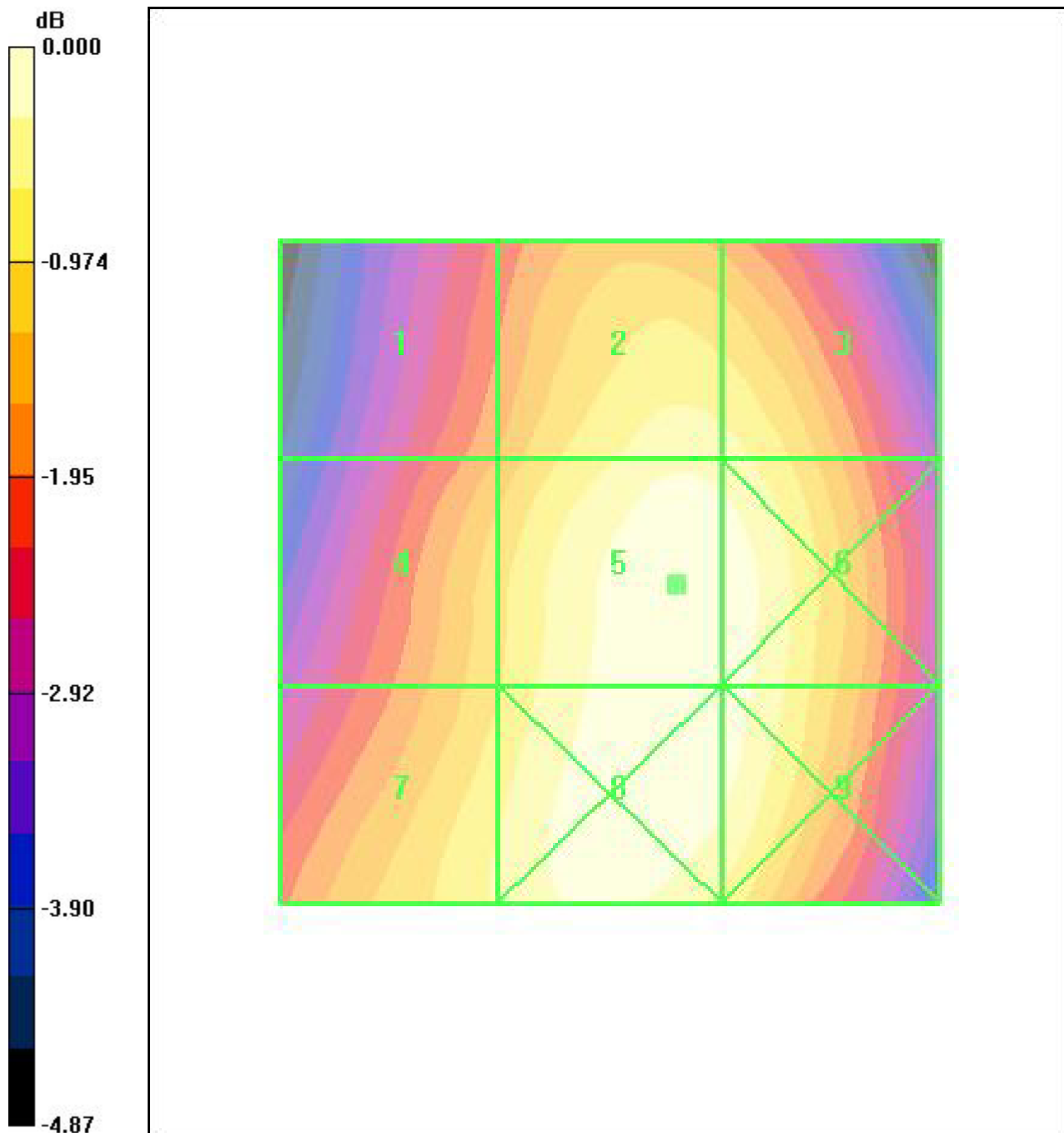
Peak E-field in V/m

Grid 1	Grid 2	Grid 3
<b>77.3 M4</b>	<b>88.6 M4</b>	<b>87.8 M4</b>
Grid 4	Grid 5	Grid 6
<b>82.6 M4</b>	<b>92.7 M4</b>	<b>91.8 M4</b>
Grid 7	Grid 8	Grid 9
<b>86.5 M4</b>	<b>92.5 M4</b>	<b>91.3 M4</b>

Category	AWF (dB)	Limits for E-Field Emissions (V/m) > 960MHz	Limits for H-Field Emissions (A/m) > 960MHz
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.14 - 0.25
M4	0	<63.1	<0.19
	-5	<47.3	<0.14
Category	AWF (dB)	Limits for E-Field Emissions (V/m) < 960MHz	Limits for H-Field Emissions (A/m) < 960 MHz
M1	0	631 - 1122	1.91 - 3.39
	-5	473.2 - 841.4	1.43 - 2.54
M2	0	354.8 - 631	1.07 - 1.91
	-5	266.1 - 473.2	0.8 - 1.43

M3	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M4	0	<199.5	<0.6
	-5	<149.6	<0.45

Cursor:  
 Total = 92.7 V/m  
 E Category: M4  
 Location: -5, 1, 8.7 mm



0 dB = 92.7V/m

Date/Time: 2010/12/7 09:11:59

Test Laboratory: Compliance Certification Services Inc.

**HAC\_ER\_Device\_WCDMA BAND V -Battery B****DUT: K5; Type: Mobile Phone; Serial: N/A**

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: RF Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

**DASY4 Configuration:**

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1);
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

**E Scan - ER3D - 2007: 15 mm from Probe Center to the Device Middle CH/Hearing****Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 93.5 V/m

Probe Modulation Factor = 1.21

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 103.9 V/m; Power Drift = 0.012 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

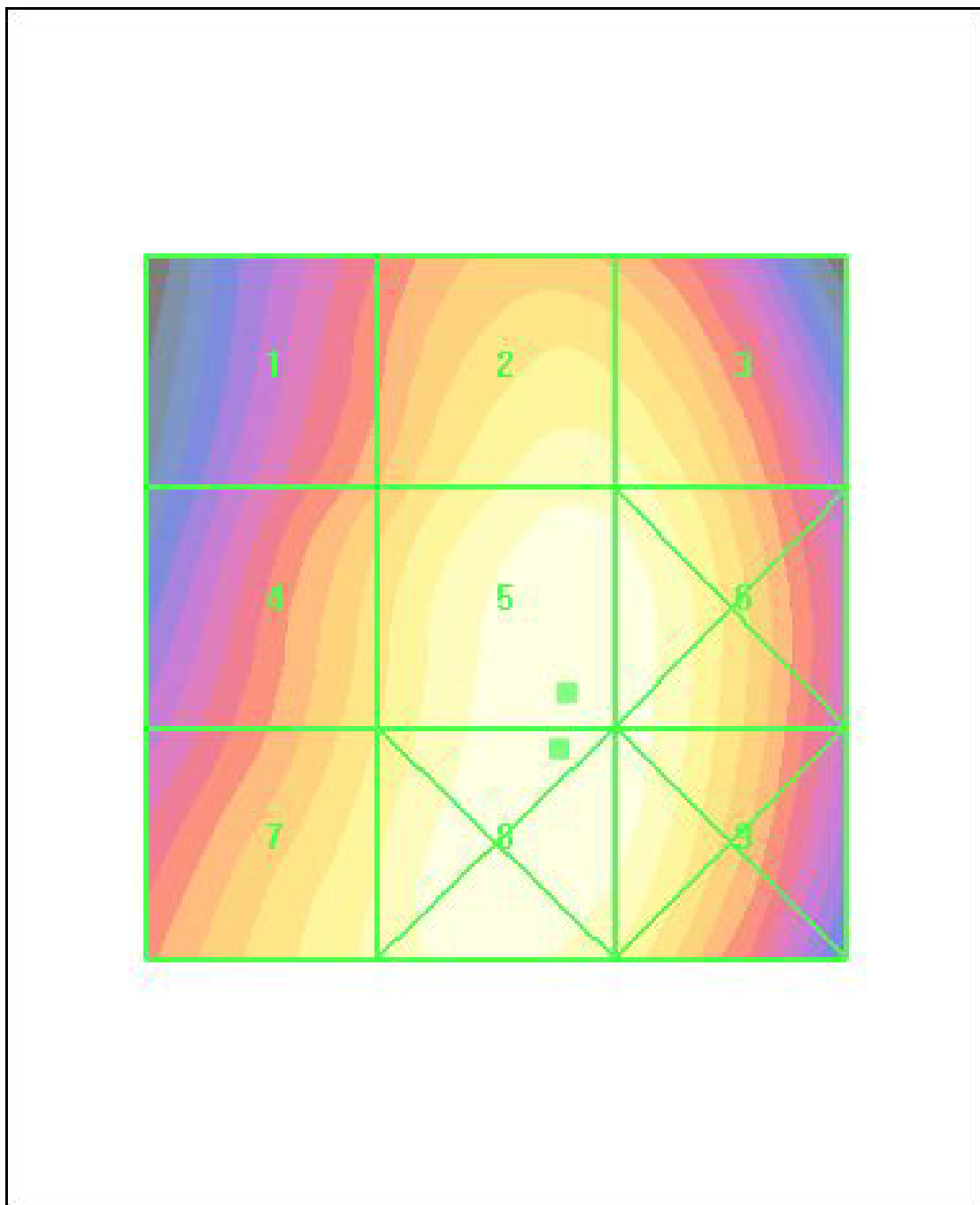
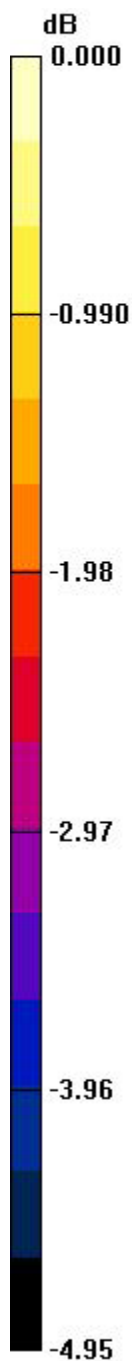
Peak E-field in V/m

Grid 1	Grid 2	Grid 3
<b>77.3 M4</b>	<b>89.4 M4</b>	<b>88.6 M4</b>
Grid 4	Grid 5	Grid 6
<b>83.4 M4</b>	<b>93.5 M4</b>	<b>92.6 M4</b>
Grid 7	Grid 8	Grid 9
<b>87.5 M4</b>	<b>93.5 M4</b>	<b>92.5 M4</b>

Category	AWF (dB)	Limits for E-Field Emissions (V/m) > 960MHz	Limits for H-Field Emissions (A/m) > 960MHz
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.14 - 0.25
M4	0	<63.1	<0.19
	-5	<47.3	<0.14
Category	AWF (dB)	Limits for E-Field Emissions (V/m) < 960MHz	Limits for H-Field Emissions (A/m) < 960 MHz
M1	0	631 - 1122	1.91 - 3.39
	-5	473.2 - 841.4	1.43 - 2.54
M2	0	354.8 - 631	1.07 - 1.91
	-5	266.1 - 473.2	0.8 - 1.43

M3	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M4	0	<199.5	<0.6
	-5	<149.6	<0.45

Cursor:  
 Total = 93.5 V/m  
 E Category: M4  
 Location: -4.5, 10, 8.7 mm



0 dB = 93.5V/m

Date/Time: 2010/12/7 09:17:58

Test Laboratory: Compliance Certification Services Inc.

**HAC\_ER\_Device\_WCDMA BAND V -Battery B****DUT: K5; Type: Mobile Phone; Serial: N/A**

Communication System: WCDMA Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: RF Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

**DASY4 Configuration:**

- Probe: ER3DV6 - SN2345; ConvF(1, 1, 1);
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

**E Scan - ER3D - 2007: 15 mm from Probe Center to the Device High CH/Hearing****Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 96.0 V/m

Probe Modulation Factor = 1.21

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 107.6 V/m; Power Drift = -0.042 dB

**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

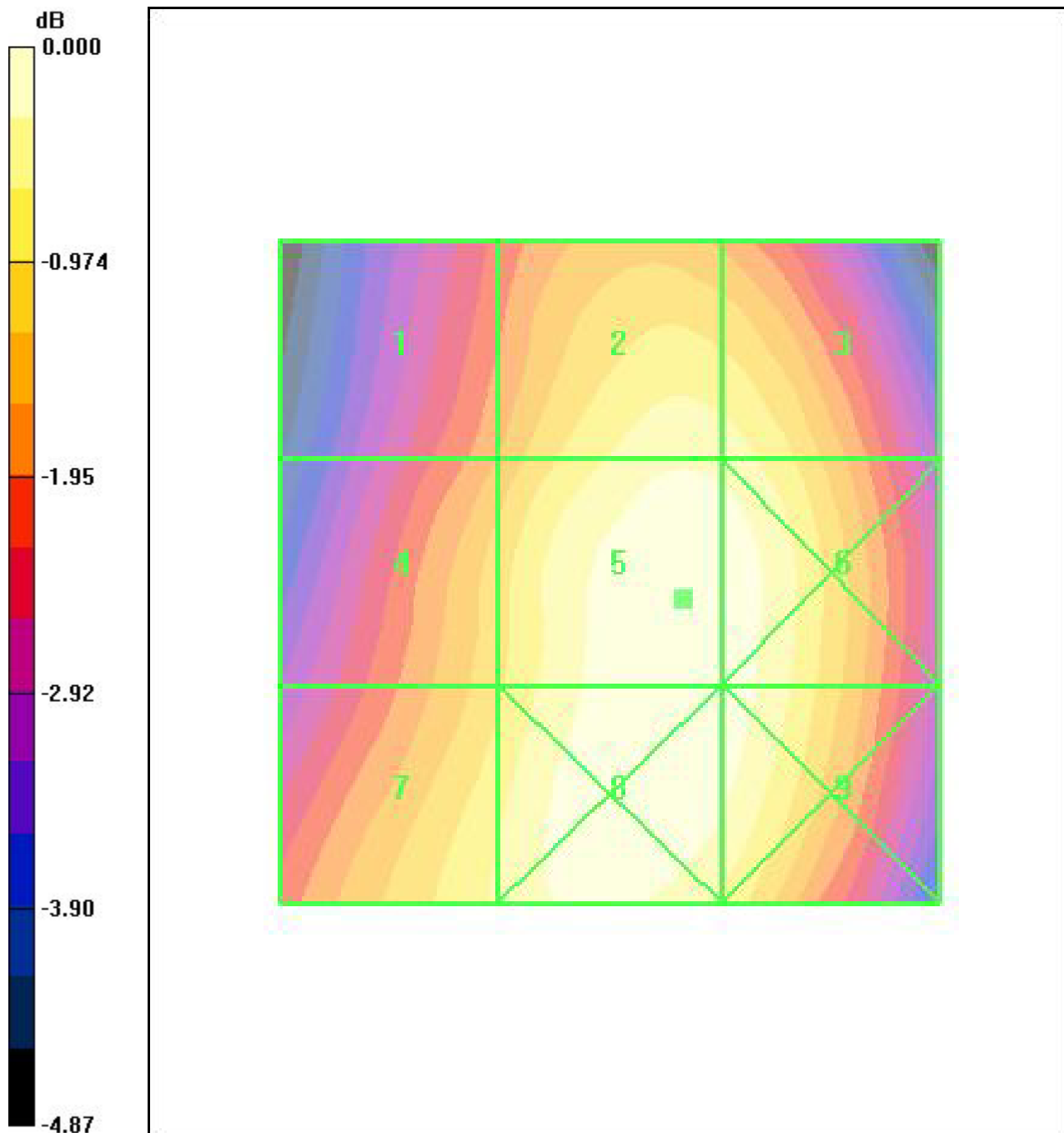
Peak E-field in V/m

Grid 1	Grid 2	Grid 3
<b>79.9 M4</b>	<b>92.0 M4</b>	<b>91.3 M4</b>
Grid 4	Grid 5	Grid 6
<b>85.2 M4</b>	<b>96.0 M4</b>	<b>95.3 M4</b>
Grid 7	Grid 8	Grid 9
<b>89.6 M4</b>	<b>95.8 M4</b>	<b>94.8 M4</b>

Category	AWF (dB)	Limits for E-Field Emissions (V/m) > 960MHz	Limits for H-Field Emissions (A/m) > 960MHz
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.14 - 0.25
M4	0	<63.1	<0.19
	-5	<47.3	<0.14
Category	AWF (dB)	Limits for E-Field Emissions (V/m) < 960MHz	Limits for H-Field Emissions (A/m) < 960 MHz
M1	0	631 - 1122	1.91 - 3.39
	-5	473.2 - 841.4	1.43 - 2.54
M2	0	354.8 - 631	1.07 - 1.91
	-5	266.1 - 473.2	0.8 - 1.43

M3	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M4	0	<199.5	<0.6
	-5	<149.6	<0.45

Cursor:  
 Total = 96.0 V/m  
 E Category: M4  
 Location: -5.5, 2, 8.7 mm



0 dB = 96.0V/m



Date/Time: 2010/11/30 06:41:16

Test Laboratory: Compliance Certification Services Inc.

**HAC\_H\_SCAN\_Device\_850****DUT: K5; Type: Mobile Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Phantom section: RF Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

**DASY4 Configuration:**

- Probe: H3DV6 - SN6163; ;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

**H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device-Low/Hearing Aid****Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.140 A/m

Probe Modulation Factor = 1.17

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.089 A/m; Power Drift = -0.028 dB

**Hearing Aid Near-Field Category: M4 (AWF -5 dB)**

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
<b>0.199 M4</b>	<b>0.140 M4</b>	<b>0.087 M4</b>
Grid 4	Grid 5	Grid 6
<b>0.187 M4</b>	<b>0.131 M4</b>	<b>0.080 M4</b>
Grid 7	Grid 8	Grid 9
<b>0.196 M4</b>	<b>0.133 M4</b>	<b>0.084 M4</b>

Category	AWF (dB)	Limits for E-Field Emissions (V/m) > 960MHz	Limits for H-Field Emissions (A/m) > 960MHz
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.14 - 0.25
M4	0	<63.1	<0.19
	-5	<47.3	<0.14
Category	AWF (dB)	Limits for E-Field Emissions (V/m) < 960MHz	Limits for H-Field Emissions (A/m) < 960 MHz
M1	0	631 - 1122	1.91 - 3.39
	-5	473.2 - 841.4	1.43 - 2.54
M2	0	354.8 - 631	1.07 - 1.91
	-5	266.1 - 473.2	0.8 - 1.43

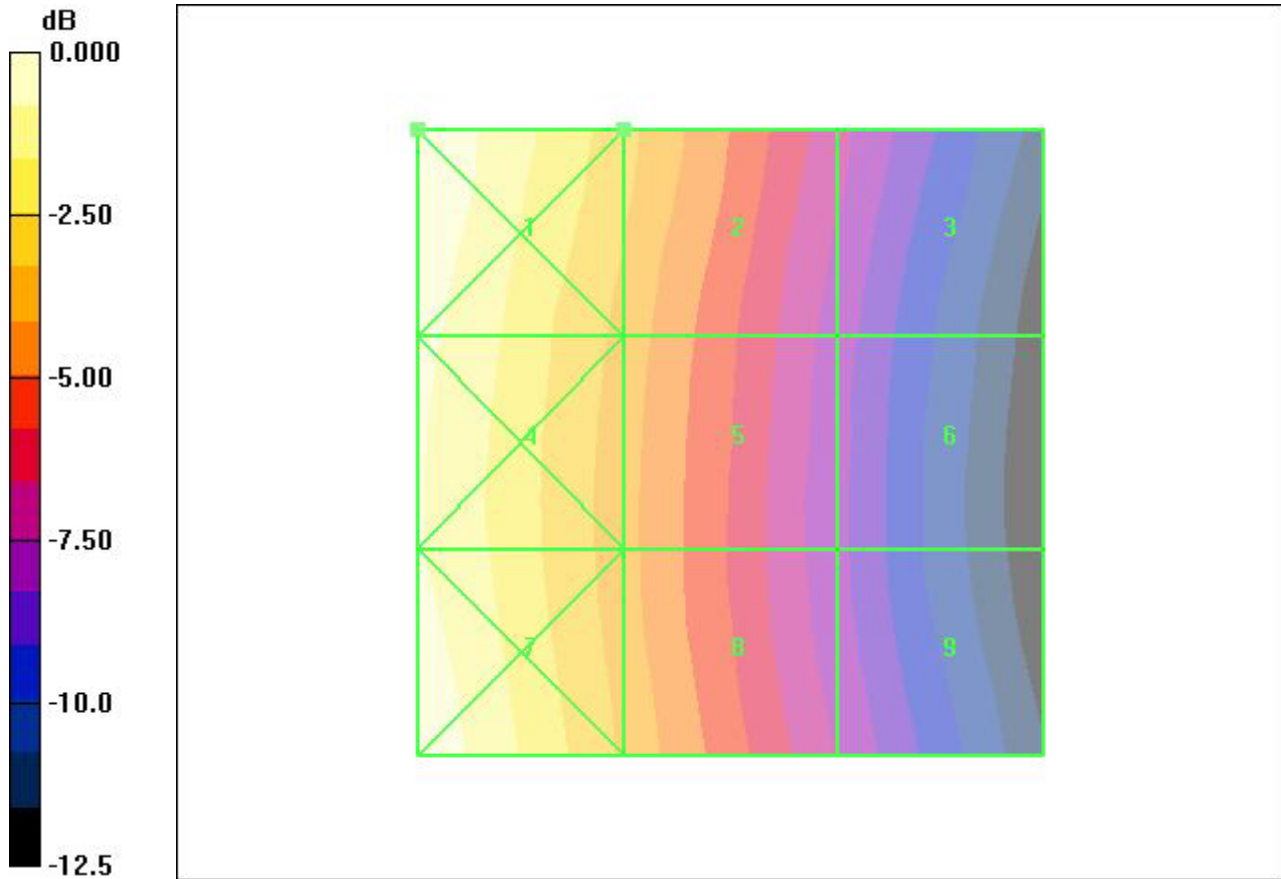
M3	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M4	0	<199.5	<0.6
	-5	<149.6	<0.45

**Cursor:**

Total = 0.199 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.199A/m

Date/Time: 2010/11/30 06:48:25

Test Laboratory: Compliance Certification Services Inc.

**HAC\_H\_SCAN\_Device\_850****DUT: K5; Type: Mobile Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Phantom section: RF Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

**DASY4 Configuration:**

- Probe: H3DV6 - SN6163; ;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

**H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device-Middle/Hearing****Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.148 A/m

Probe Modulation Factor = 1.17

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.092 A/m; Power Drift = -0.007 dB

**Hearing Aid Near-Field Category: M4 (AWF -5 dB)**

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
<b>0.212 M4</b>	<b>0.148 M4</b>	<b>0.090 M4</b>
Grid 4	Grid 5	Grid 6
<b>0.200 M4</b>	<b>0.137 M4</b>	<b>0.082 M4</b>
Grid 7	Grid 8	Grid 9
<b>0.214 M4</b>	<b>0.144 M4</b>	<b>0.090 M4</b>

Category	AWF (dB)	Limits for E-Field Emissions (V/m) > 960MHz	Limits for H-Field Emissions (A/m) > 960MHz
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.14 - 0.25
M4	0	<63.1	<0.19
	-5	<47.3	<0.14
Category	AWF (dB)	Limits for E-Field Emissions (V/m) < 960MHz	Limits for H-Field Emissions (A/m) < 960 MHz
M1	0	631 - 1122	1.91 - 3.39
	-5	473.2 - 841.4	1.43 - 2.54
M2	0	354.8 - 631	1.07 - 1.91
	-5	266.1 - 473.2	0.8 - 1.43

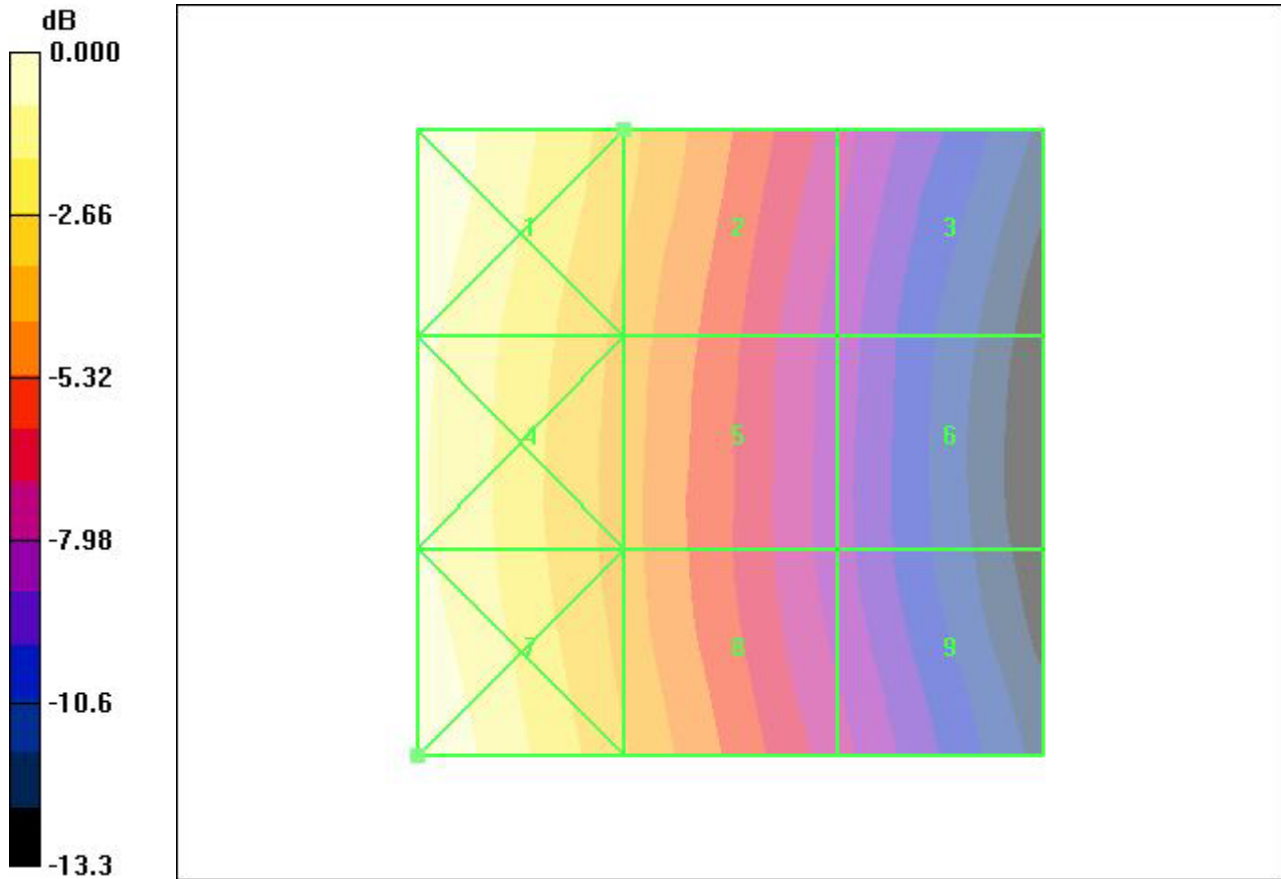
M3	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M4	0	<199.5	<0.6
	-5	<149.6	<0.45

**Cursor:**

Total = 0.214 A/m

H Category: M4

Location: 25, 25, 8.7 mm



0 dB = 0.214A/m

Date/Time: 2010/11/30 06:53:56

Test Laboratory: Compliance Certification Services Inc.

**HAC\_H\_SCAN\_Device\_850****DUT: K5; Type: Mobile Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Phantom section: RF Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

**DASY4 Configuration:**

- Probe: H3DV6 - SN6163; ;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

**H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device-High/Hearing Aid****Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.152 A/m

Probe Modulation Factor = 1.17

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.092 A/m; Power Drift = 0.010 dB

**Hearing Aid Near-Field Category: M4 (AWF -5 dB)**

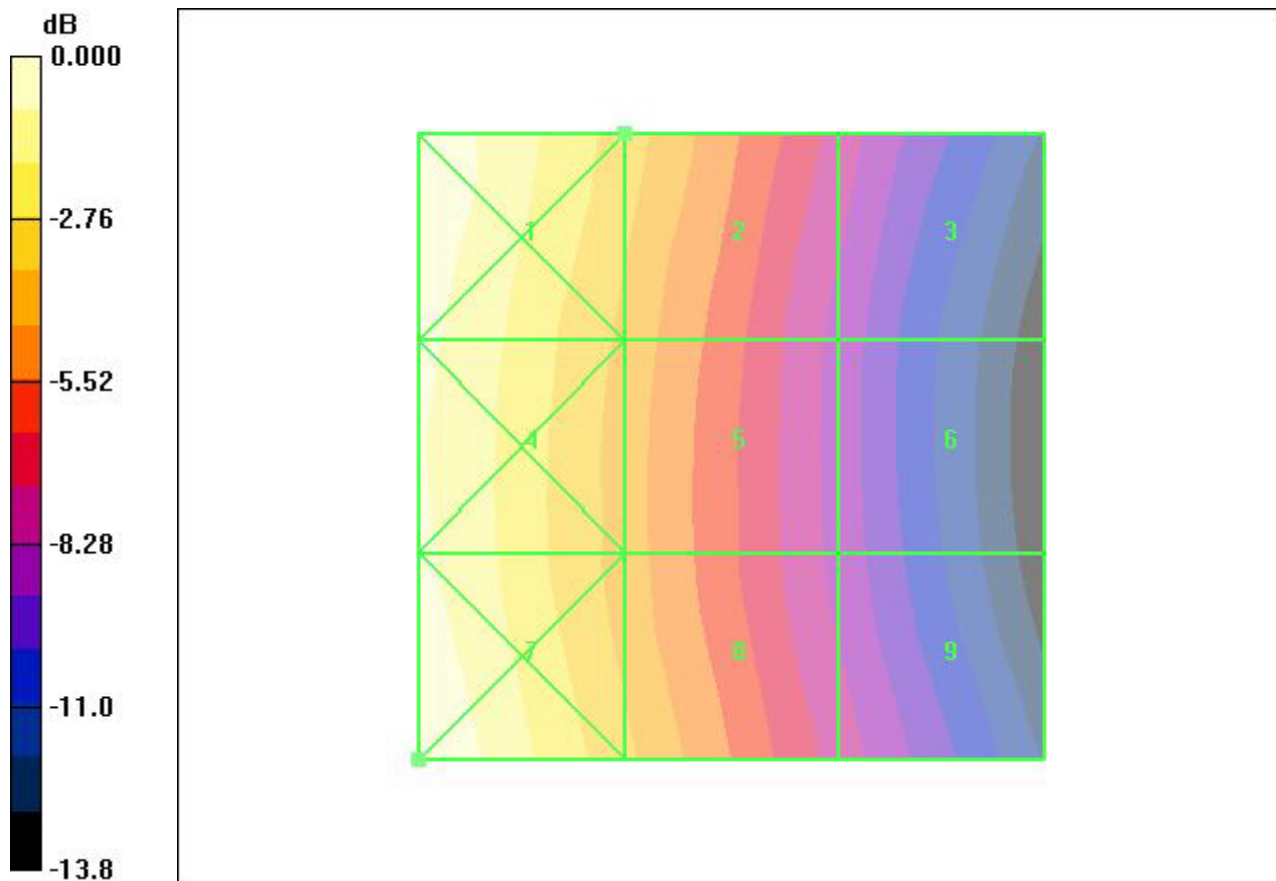
Peak H-field in A/m

Grid 1	Grid 2	Grid 3
<b>0.218 M4</b>	<b>0.152 M4</b>	<b>0.091 M4</b>
Grid 4	Grid 5	Grid 6
<b>0.204 M4</b>	<b>0.140 M4</b>	<b>0.082 M4</b>
Grid 7	Grid 8	Grid 9
<b>0.220 M4</b>	<b>0.148 M4</b>	<b>0.091 M4</b>

Category	AWF (dB)	Limits for E-Field Emissions (V/m) > 960MHz	Limits for H-Field Emissions (A/m) > 960MHz
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.14 - 0.25
M4	0	<63.1	<0.19
	-5	<47.3	<0.14
Category	AWF (dB)	Limits for E-Field Emissions (V/m) < 960MHz	Limits for H-Field Emissions (A/m) < 960 MHz
M1	0	631 - 1122	1.91 - 3.39
	-5	473.2 - 841.4	1.43 - 2.54
M2	0	354.8 - 631	1.07 - 1.91
	-5	266.1 - 473.2	0.8 - 1.43

M3	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M4	0	<199.5	<0.6
	-5	<149.6	<0.45

Cursor:  
 Total = 0.220 A/m  
 H Category: M4  
 Location: 25, 25, 8.7 mm



0 dB = 0.220A/m

Date/Time: 2010/11/30 06:25:35

Test Laboratory: Compliance Certification Services Inc.

**HAC\_H\_SCAN\_Device\_850 -Battery B****DUT: K5; Type: Mobile Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Phantom section: RF Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

**DASY4 Configuration:**

- Probe: H3DV6 - SN6163; ;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

**H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device-Low/Hearing Aid****Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.141 A/m

Probe Modulation Factor = 1.17

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.089 A/m; Power Drift = -0.019 dB

**Hearing Aid Near-Field Category: M4 (AWF -5 dB)**

## Peak H-field in A/m

Grid 1	Grid 2	Grid 3
<b>0.201 M4</b>	<b>0.141 M4</b>	<b>0.087 M4</b>
Grid 4	Grid 5	Grid 6
<b>0.189 M4</b>	<b>0.132 M4</b>	<b>0.081 M4</b>
Grid 7	Grid 8	Grid 9
<b>0.196 M4</b>	<b>0.135 M4</b>	<b>0.086 M4</b>

Category	AWF (dB)	Limits for E-Field Emissions (V/m) > 960MHz	Limits for H-Field Emissions (A/m) > 960MHz
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.14 - 0.25
M4	0	<63.1	<0.19
	-5	<47.3	<0.14
Category	AWF (dB)	Limits for E-Field Emissions (V/m) < 960MHz	Limits for H-Field Emissions (A/m) < 960 MHz
M1	0	631 - 1122	1.91 - 3.39
	-5	473.2 - 841.4	1.43 - 2.54
M2	0	354.8 - 631	1.07 - 1.91
	-5	266.1 - 473.2	0.8 - 1.43

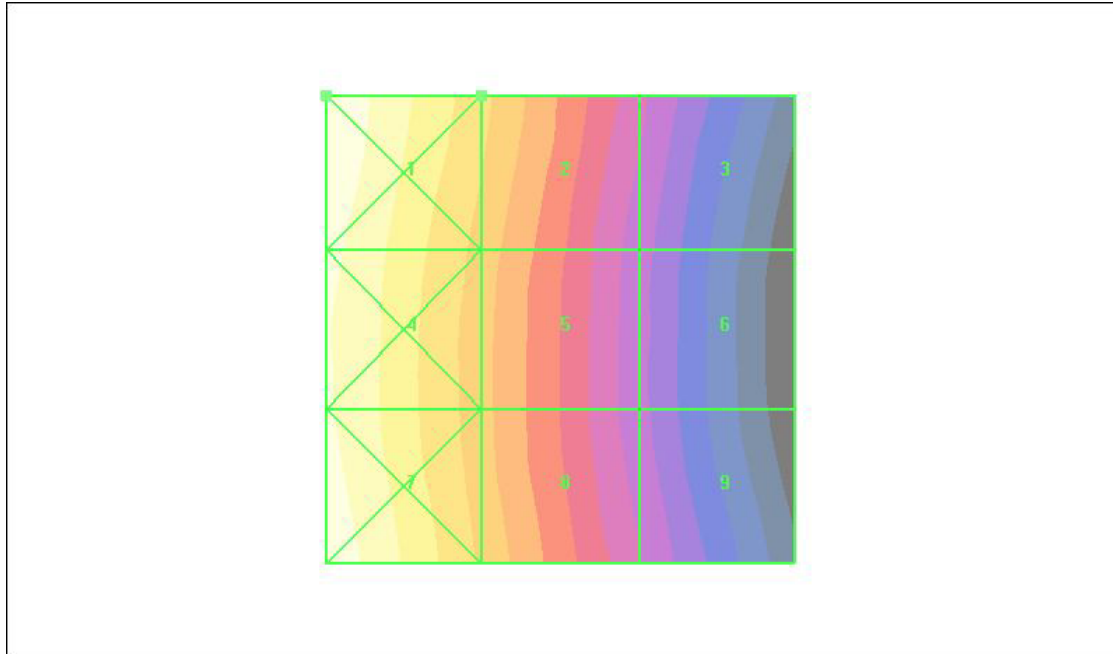
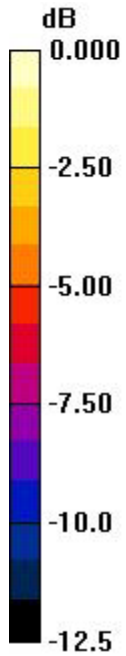
M3	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M4	0	<199.5	<0.6
	-5	<149.6	<0.45

**Cursor:**

Total = 0.201 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.201 A/m



Date/Time: 2010/11/30 06:30:57

Test Laboratory: Compliance Certification Services Inc.

**HAC\_H\_SCAN\_Device\_850 -Battery B****DUT: K5; Type: Mobile Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Phantom section: RF Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: H3DV6 - SN6163; ;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

**H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device-Middle/Hearing****Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.147 A/m

Probe Modulation Factor = 1.17

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.091 A/m; Power Drift = -0.013 dB

**Hearing Aid Near-Field Category: M4 (AWF -5 dB)**

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
<b>0.212 M4</b>	<b>0.147 M4</b>	<b>0.089 M4</b>
Grid 4	Grid 5	Grid 6
<b>0.199 M4</b>	<b>0.137 M4</b>	<b>0.082 M4</b>
Grid 7	Grid 8	Grid 9
<b>0.212 M4</b>	<b>0.143 M4</b>	<b>0.090 M4</b>

Category	AWF (dB)	Limits for E-Field Emissions (V/m) > 960MHz	Limits for H-Field Emissions (A/m) > 960MHz
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.14 - 0.25
M4	0	<63.1	<0.19
	-5	<47.3	<0.14
Category	AWF (dB)	Limits for E-Field Emissions (V/m) < 960MHz	Limits for H-Field Emissions (A/m) < 960 MHz
M1	0	631 - 1122	1.91 - 3.39
	-5	473.2 - 841.4	1.43 - 2.54
M2	0	354.8 - 631	1.07 - 1.91
	-5	266.1 - 473.2	0.8 - 1.43

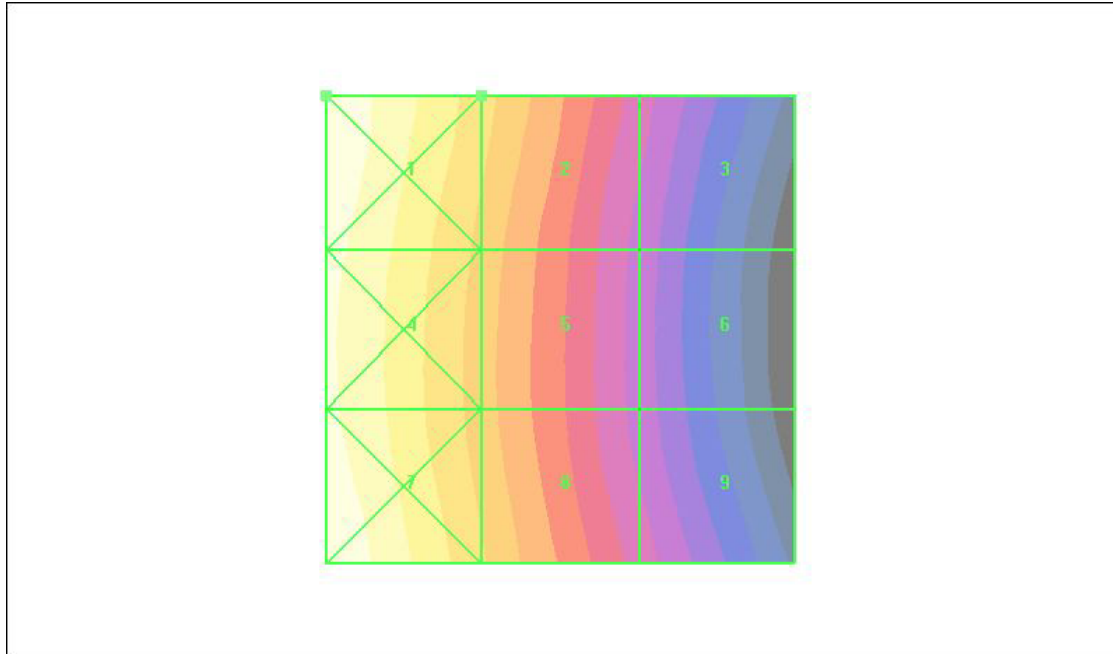
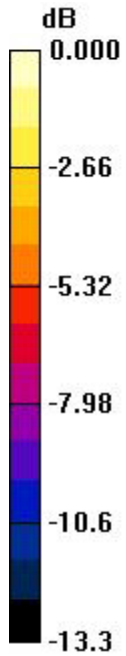
M3	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M4	0	<199.5	<0.6
	-5	<149.6	<0.45

**Cursor:**

Total = 0.212 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.212A/m

Date/Time: 2010/11/30 06:36:16

Test Laboratory: Compliance Certification Services Inc.

**HAC\_H\_SCAN\_Device\_850 -Battery B****DUT: K5; Type: Mobile Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Phantom section: RF Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

**DASY4 Configuration:**

- Probe: H3DV6 - SN6163; ;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

**H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device-High/Hearing Aid****Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.151 A/m

Probe Modulation Factor = 1.17

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.092 A/m; Power Drift = 0.019 dB

**Hearing Aid Near-Field Category: M4 (AWF -5 dB)**

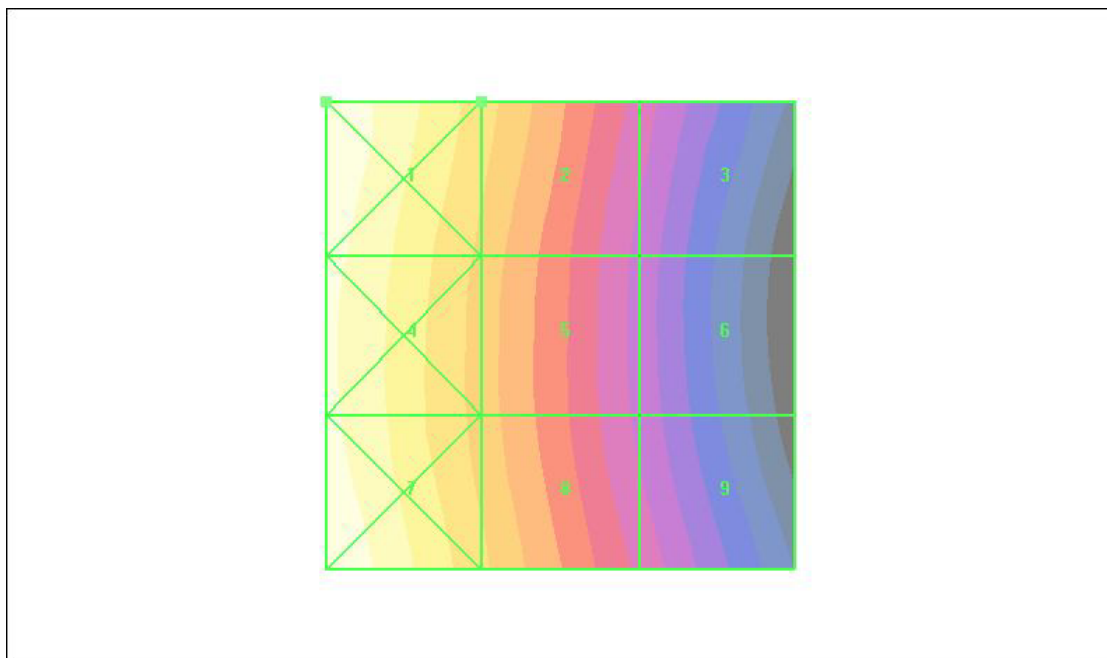
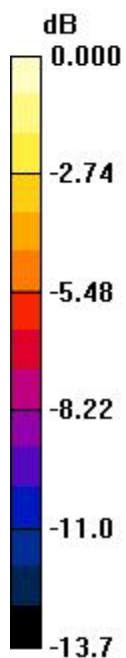
Peak H-field in A/m

Grid 1	Grid 2	Grid 3
<b>0.218 M4</b>	<b>0.151 M4</b>	<b>0.090 M4</b>
Grid 4	Grid 5	Grid 6
<b>0.204 M4</b>	<b>0.140 M4</b>	<b>0.083 M4</b>
Grid 7	Grid 8	Grid 9
<b>0.217 M4</b>	<b>0.147 M4</b>	<b>0.092 M4</b>

Category	AWF (dB)	Limits for E-Field Emissions (V/m) > 960MHz	Limits for H-Field Emissions (A/m) > 960MHz
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.14 - 0.25
M4	0	<63.1	<0.19
	-5	<47.3	<0.14
Category	AWF (dB)	Limits for E-Field Emissions (V/m) < 960MHz	Limits for H-Field Emissions (A/m) < 960 MHz
M1	0	631 - 1122	1.91 - 3.39
	-5	473.2 - 841.4	1.43 - 2.54
M2	0	354.8 - 631	1.07 - 1.91
	-5	266.1 - 473.2	0.8 - 1.43

M3	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M4	0	<199.5	<0.6
	-5	<149.6	<0.45

Cursor:  
 Total = 0.218 A/m  
 H Category: M4  
 Location: 25, -25, 8.7 mm



0 dB = 0.218A/m

Date/Time: 2010/12/1 06:35:04

Test Laboratory: Compliance Certification Services Inc.

**HAC\_H\_SCAN\_Device\_1900****DUT: K5; Type: Mobile Phone; Serial: N/A**

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Phantom section: RF Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

**DASY4 Configuration:**

- Probe: H3DV6 - SN6163; ;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

**H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device-Low/Hearing Aid****Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.149 A/m

Probe Modulation Factor = 1.87

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.080 A/m; Power Drift = 0.033 dB

**Hearing Aid Near-Field Category: M3 (AWF -5 dB)**

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
<b>0.153 M3</b>	<b>0.142 M3</b>	<b>0.142 M3</b>
Grid 4	Grid 5	Grid 6
<b>0.134 M4</b>	<b>0.142 M3</b>	<b>0.141 M3</b>
Grid 7	Grid 8	Grid 9
<b>0.179 M3</b>	<b>0.149 M3</b>	<b>0.128 M4</b>

Category	AWF (dB)	Limits for E-Field Emissions (V/m) > 960MHz	Limits for H-Field Emissions (A/m) > 960MHz
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.14 - 0.25
M4	0	<63.1	<0.19
	-5	<47.3	<0.14
Category	AWF (dB)	Limits for E-Field Emissions (V/m) < 960MHz	Limits for H-Field Emissions (A/m) < 960 MHz
M1	0	631 - 1122	1.91 - 3.39
	-5	473.2 - 841.4	1.43 - 2.54
M2	0	354.8 - 631	1.07 - 1.91
	-5	266.1 - 473.2	0.8 - 1.43

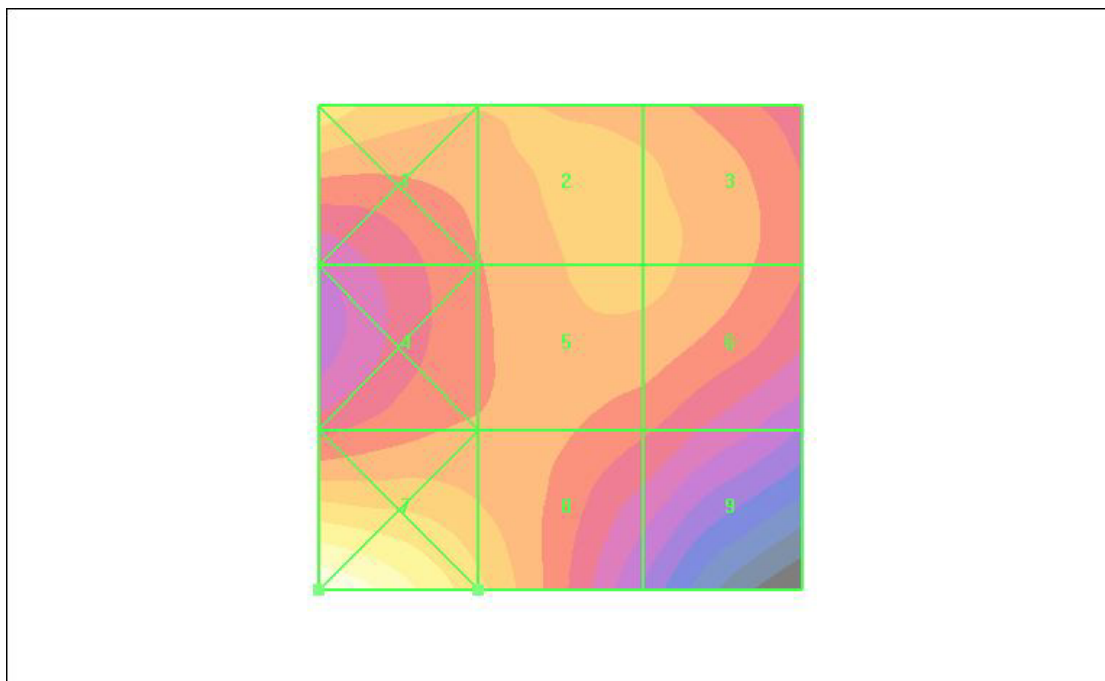
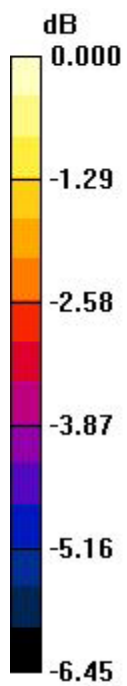
M3	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M4	0	<199.5	<0.6
	-5	<149.6	<0.45

**Cursor:**

Total = 0.179 A/m

H Category: M3

Location: 25, 25, 8.7 mm



0 dB = 0.179A/m

Date/Time: 2010/12/1 06:28:22

Test Laboratory: Compliance Certification Services Inc.

**HAC\_H\_SCAN\_Device\_1900****DUT: K5; Type: Mobile Phone; Serial: N/A**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

Phantom section: RF Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

**DASY4 Configuration:**

- Probe: H3DV6 - SN6163; ;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn877; Calibrated: 2010/2/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial: 1027
- Measurement SW: DASY5, V5.0 Build 125; Postprocessing SW: SEMCAD, V1.8 Build 186

**H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device-Middle/Hearing****Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.153 A/m

Probe Modulation Factor = 1.87

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.085 A/m; Power Drift = -0.019 dB

**Hearing Aid Near-Field Category: M3 (AWF -5 dB)**

## Peak H-field in A/m

Grid 1	Grid 2	Grid 3
<b>0.155 M3</b>	<b>0.153 M3</b>	<b>0.151 M3</b>
Grid 4	Grid 5	Grid 6
<b>0.141 M3</b>	<b>0.151 M3</b>	<b>0.150 M3</b>
Grid 7	Grid 8	Grid 9
<b>0.182 M3</b>	<b>0.148 M3</b>	<b>0.129 M4</b>

Category	AWF (dB)	Limits for E-Field Emissions (V/m) > 960MHz	Limits for H-Field Emissions (A/m) > 960MHz
M1	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M2	0	112.2 - 199.5	0.34 - 0.6
	-5	84.1 - 149.6	0.25 - 0.45
M3	0	63.1 - 112.2	0.19 - 0.34
	-5	47.3 - 84.1	0.14 - 0.25
M4	0	<63.1	<0.19
	-5	<47.3	<0.14
Category	AWF (dB)	Limits for E-Field Emissions (V/m) < 960MHz	Limits for H-Field Emissions (A/m) < 960 MHz
M1	0	631 - 1122	1.91 - 3.39
	-5	473.2 - 841.4	1.43 - 2.54
M2	0	354.8 - 631	1.07 - 1.91
	-5	266.1 - 473.2	0.8 - 1.43

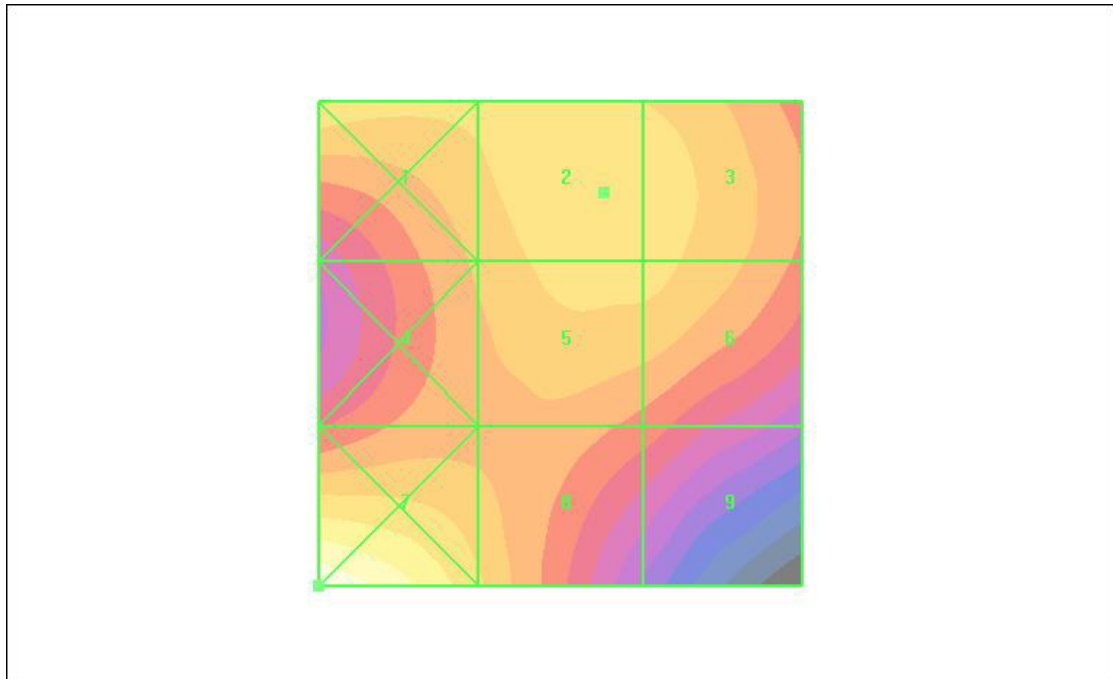
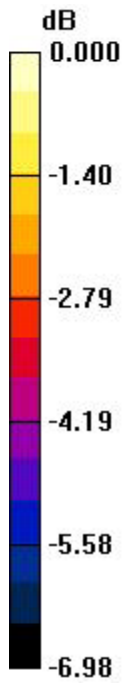
M3	0	199.5 - 354.8	0.6 - 1.07
	-5	149.6 - 266.1	0.45 - 0.8
M4	0	<199.5	<0.6
	-5	<149.6	<0.45

**Cursor:**

Total = 0.182 A/m

H Category: M3

Location: 25, 25, 8.7 mm



0 dB = 0.182A/m