

**#01 HAC\_E\_CDMA BC0\_RC3+SO55\_Ch1013**

**DUT: 230752**

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1  
 Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1013/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 86.3 V/m  
 Probe Modulation Factor = 0.980  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 116.4 V/m; Power Drift = 0.160 dB

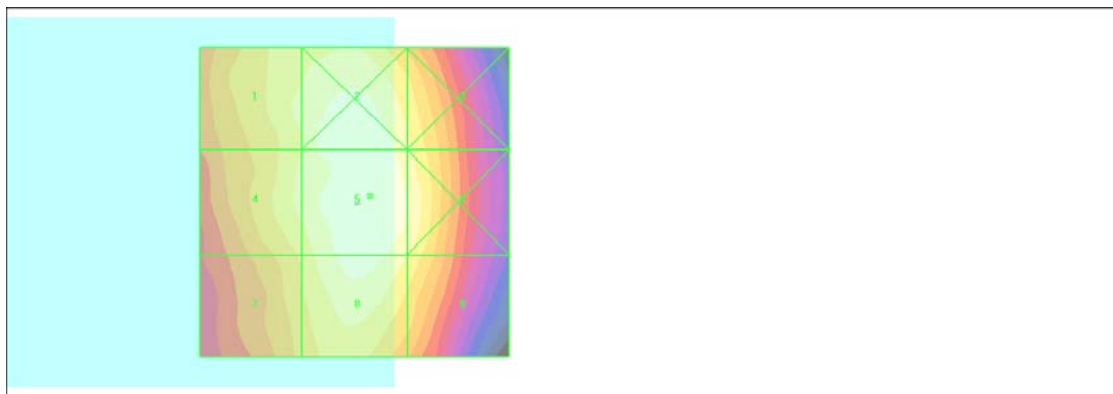
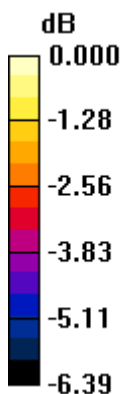
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

Grid 1 <b>79.5 M4</b>	Grid 2 <b>85.2 M4</b>	Grid 3 <b>79.4 M4</b>
Grid 4 <b>79.6 M4</b>	Grid 5 <b>86.3 M4</b>	Grid 6 <b>82.4 M4</b>
Grid 7 <b>75.5 M4</b>	Grid 8 <b>84.2 M4</b>	Grid 9 <b>78.4 M4</b>

**Cursor:**

Total = 86.3 V/m  
 E Category: M4  
 Location: -2.5, -1, 8.7 mm



0 dB = 86.3V/m

**#02 HAC\_E\_CDMA BC0\_RC3+SO55\_Ch384**

**DUT: 230752**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 95.4 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 131.1 V/m; Power Drift = 0.014 dB

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

Peak E-field in V/m

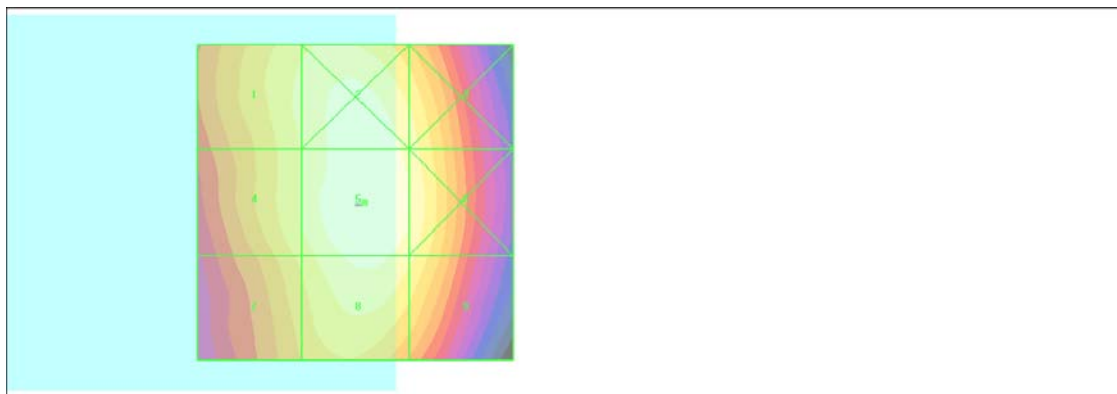
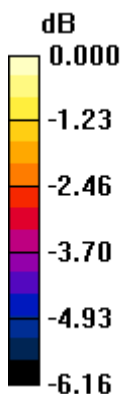
Grid 1 <b>88.1 M4</b>	Grid 2 <b>94.1 M4</b>	Grid 3 <b>89.4 M4</b>
Grid 4 <b>87.3 M4</b>	Grid 5 <b>95.4 M4</b>	Grid 6 <b>91.2 M4</b>
Grid 7 <b>84.2 M4</b>	Grid 8 <b>92.3 M4</b>	Grid 9 <b>88.0 M4</b>

**Cursor:**

Total = 95.4 V/m

E Category: M4

Location: -1.5, 0, 8.7 mm



0 dB = 95.4V/m

**#03 HAC\_E\_CDMA BC0\_RC3+SO55\_Ch777**

**DUT: 230752**

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch777/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 86.0 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 117.5 V/m; Power Drift = 0.018 dB

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

Peak E-field in V/m

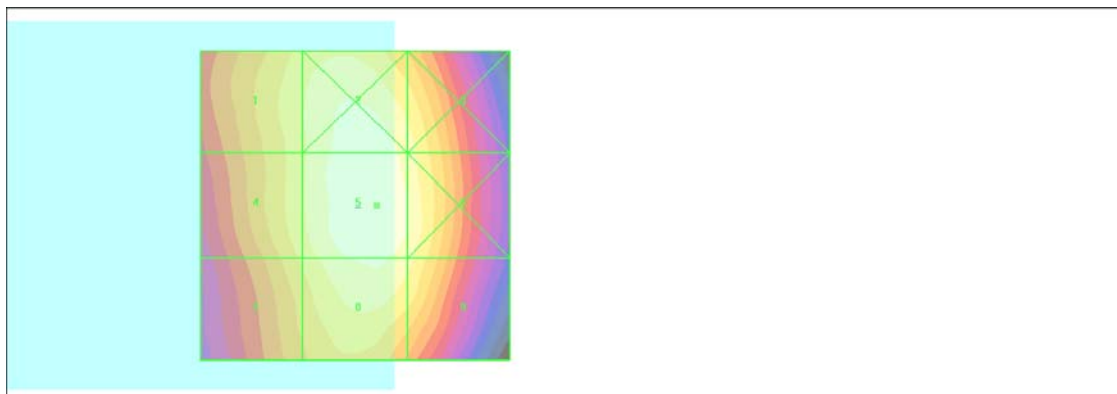
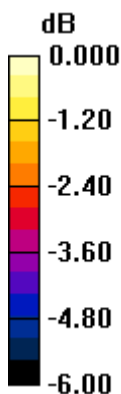
Grid 1 <b>78.4 M4</b>	Grid 2 <b>84.5 M4</b>	Grid 3 <b>80.3 M4</b>
Grid 4 <b>78.1 M4</b>	Grid 5 <b>86.0 M4</b>	Grid 6 <b>82.0 M4</b>
Grid 7 <b>75.7 M4</b>	Grid 8 <b>83.0 M4</b>	Grid 9 <b>79.7 M4</b>

**Cursor:**

Total = 86.0 V/m

E Category: M4

Location: -3.5, 0, 8.7 mm



0 dB = 86.0V/m

### #04 HAC\_E\_CDMA BC1\_RC3+SO55\_Ch25

**DUT: 230752**

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 53.0 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 59.5 V/m; Power Drift = 0.036 dB

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

Peak E-field in V/m

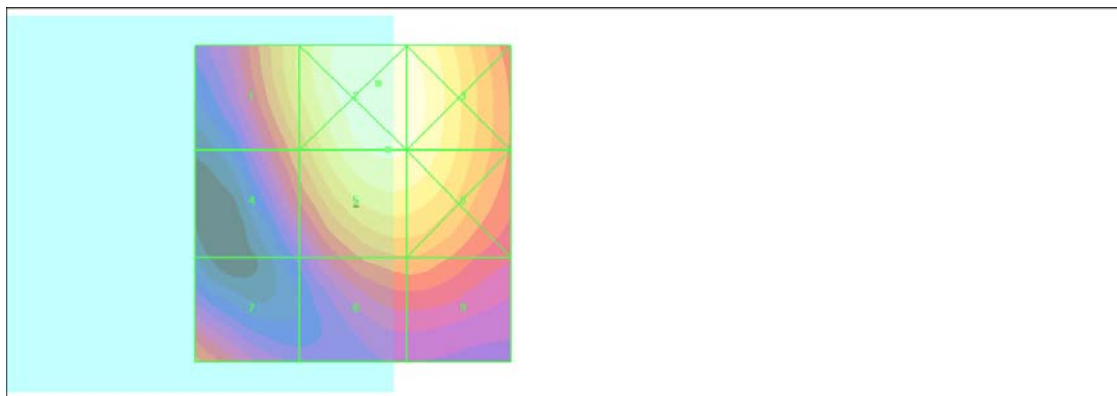
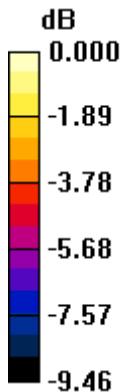
Grid 1 <b>46.2 M4</b>	Grid 2 <b>56.3 M4</b>	Grid 3 <b>55.0 M4</b>
Grid 4 <b>39.5 M4</b>	Grid 5 <b>53.0 M4</b>	Grid 6 <b>52.5 M4</b>
Grid 7 <b>37.3 M4</b>	Grid 8 <b>39.0 M4</b>	Grid 9 <b>39.0 M4</b>

**Cursor:**

Total = 56.3 V/m

E Category: M4

Location: -4, -19, 8.7 mm



0 dB = 56.3V/m

**#05 HAC\_E\_CDMA BC1\_RC3+SO55\_Ch600**

**DUT: 230752**

Communication System: CDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1  
 Medium: Air Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch600/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 49.6 V/m  
 Probe Modulation Factor = 0.980  
 Device Reference Point: 0.000, 0.000, -6.30 mm  
 Reference Value = 53.6 V/m; Power Drift = 0.001 dB

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

Peak E-field in V/m

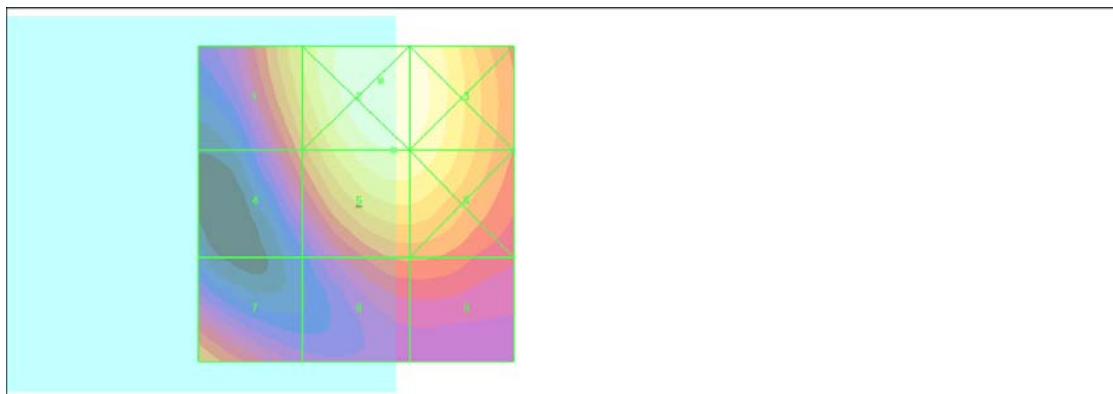
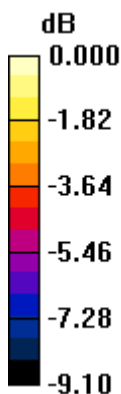
Grid 1 <b>43.5 M4</b>	Grid 2 <b>53.1 M4</b>	Grid 3 <b>52.0 M4</b>
Grid 4 <b>36.4 M4</b>	Grid 5 <b>49.6 M4</b>	Grid 6 <b>49.1 M4</b>
Grid 7 <b>37.8 M4</b>	Grid 8 <b>35.4 M4</b>	Grid 9 <b>35.4 M4</b>

**Cursor:**

Total = 53.1 V/m

E Category: M4

Location: -4, -19.5, 8.7 mm



0 dB = 53.1V/m

**#06 HAC\_E\_CDMA BC1\_RC3+SO55\_Ch1175**

**DUT: 230747**

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.6 °C

DASY4 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1175/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 47.8 V/m

Probe Modulation Factor = 0.980

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 50.5 V/m; Power Drift = -0.045 dB

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

Peak E-field in V/m

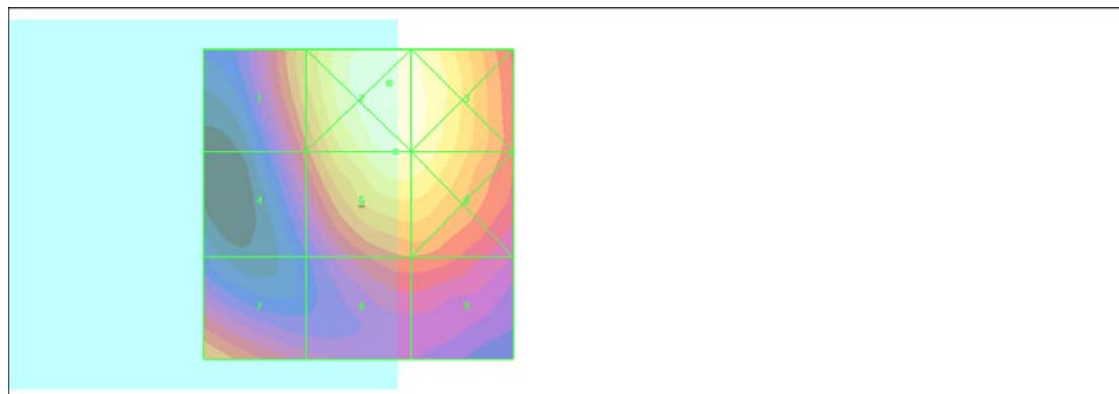
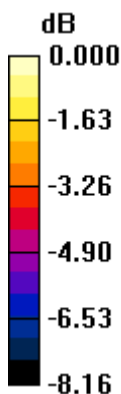
Grid 1 <b>39.1 M4</b>	Grid 2 <b>50.2 M4</b>	Grid 3 <b>48.8 M4</b>
Grid 4 <b>33.6 M4</b>	Grid 5 <b>47.8 M4</b>	Grid 6 <b>47.1 M4</b>
Grid 7 <b>37.3 M4</b>	Grid 8 <b>34.4 M4</b>	Grid 9 <b>34.4 M4</b>

**Cursor:**

Total = 50.2 V/m

E Category: M4

Location: -5, -19.5, 8.7 mm



0 dB = 50.2V/m

**#07 HAC\_H\_CDMA2000 BC0\_RC3+SO55\_Ch1013**

**DUT: 230752**

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1013/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.149 A/m

Probe Modulation Factor = 0.940

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.090 A/m; Power Drift = -0.006 dB

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

Peak H-field in A/m

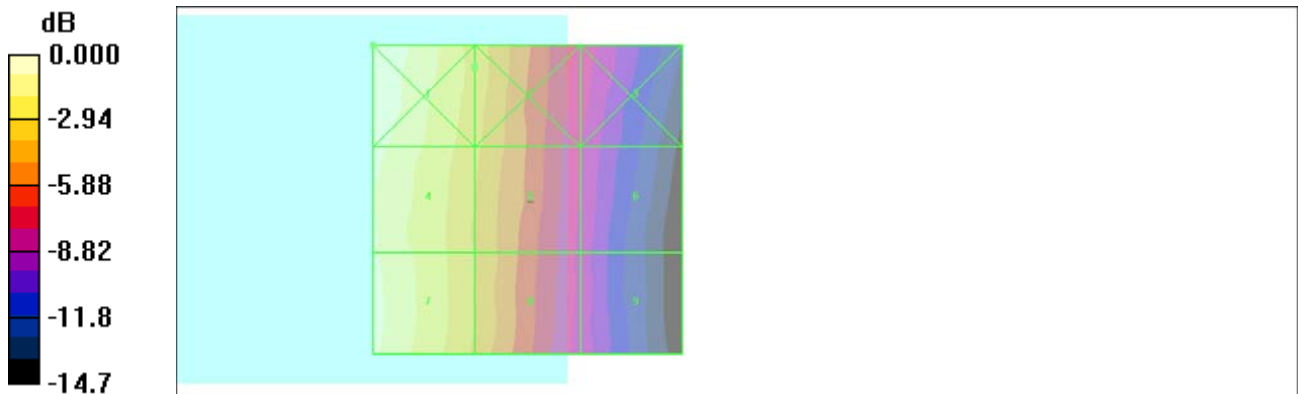
Grid 1 <b>0.160 M4</b>	Grid 2 <b>0.109 M4</b>	Grid 3 <b>0.063 M4</b>
Grid 4 <b>0.149 M4</b>	Grid 5 <b>0.105 M4</b>	Grid 6 <b>0.059 M4</b>
Grid 7 <b>0.149 M4</b>	Grid 8 <b>0.102 M4</b>	Grid 9 <b>0.056 M4</b>

**Cursor:**

Total = 0.160 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.160A/m

**#08 HAC\_H\_CDMA2000 BC0\_RC3+SO55\_Ch384**

**DUT: 230752**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.167 A/m

Probe Modulation Factor = 0.940

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.098 A/m; Power Drift = 0.054 dB

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

Peak H-field in A/m

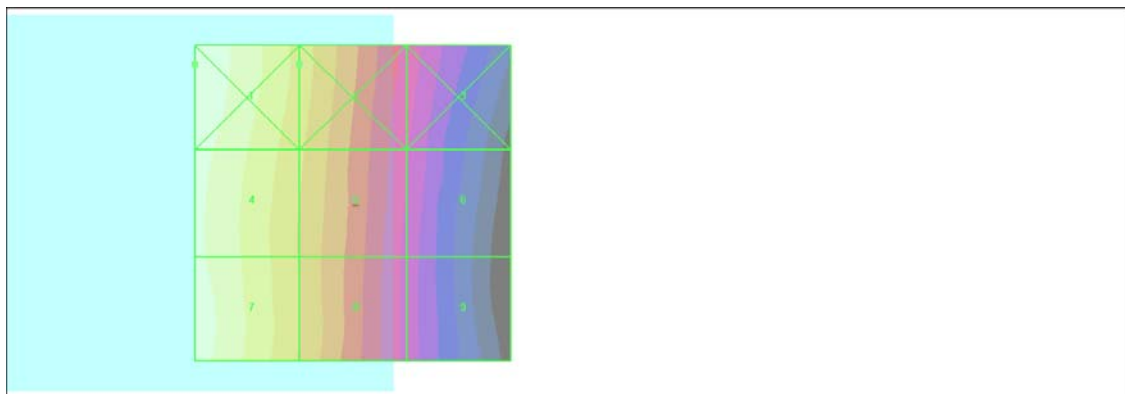
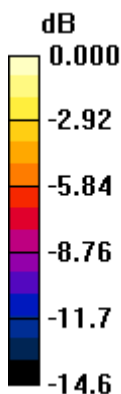
Grid 1 <b>0.175 M4</b>	Grid 2 <b>0.120 M4</b>	Grid 3 <b>0.069 M4</b>
Grid 4 <b>0.165 M4</b>	Grid 5 <b>0.115 M4</b>	Grid 6 <b>0.065 M4</b>
Grid 7 <b>0.167 M4</b>	Grid 8 <b>0.112 M4</b>	Grid 9 <b>0.062 M4</b>

**Cursor:**

Total = 0.175 A/m

H Category: M4

Location: 25, -22, 8.7 mm



0 dB = 0.175A/m

**#09 HAC\_H\_CDMA2000 BC0\_RC3+SO55\_Ch777**

**DUT: 230752**

Communication System: CDMA ; Frequency: 848.31 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch777/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.150 A/m

Probe Modulation Factor = 0.940

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.088 A/m; Power Drift = 0.022 dB

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

Peak H-field in A/m

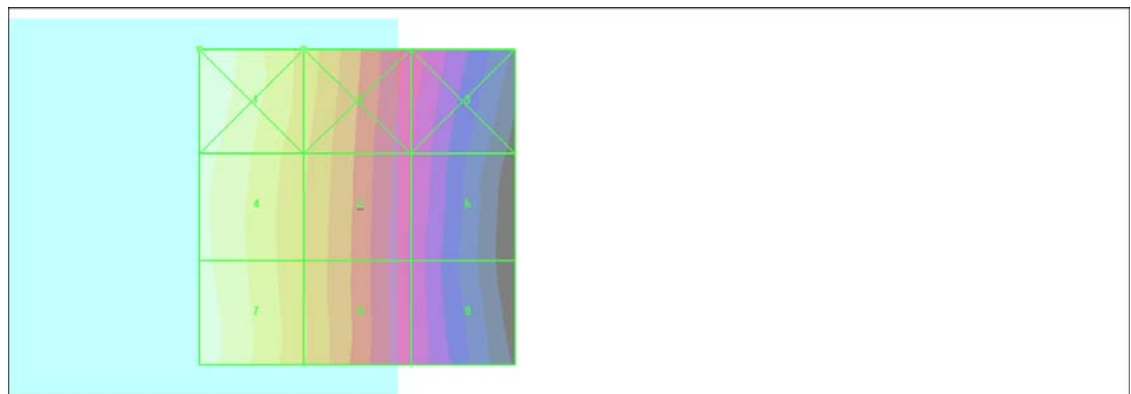
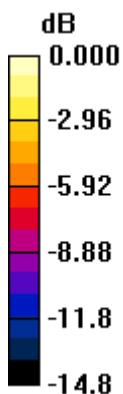
Grid 1 <b>0.157 M4</b>	Grid 2 <b>0.107 M4</b>	Grid 3 <b>0.061 M4</b>
Grid 4 <b>0.146 M4</b>	Grid 5 <b>0.102 M4</b>	Grid 6 <b>0.057 M4</b>
Grid 7 <b>0.150 M4</b>	Grid 8 <b>0.102 M4</b>	Grid 9 <b>0.056 M4</b>

**Cursor:**

Total = 0.157 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.157A/m

### #10 HAC\_H\_CDMA2000 BC1\_RC3+SO55\_Ch25

**DUT: 230752**

Communication System: CDMA ; Frequency: 1851.25 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch25/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.117 A/m

Probe Modulation Factor = 0.810

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.139 A/m; Power Drift = 0.015 dB

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

Peak H-field in A/m

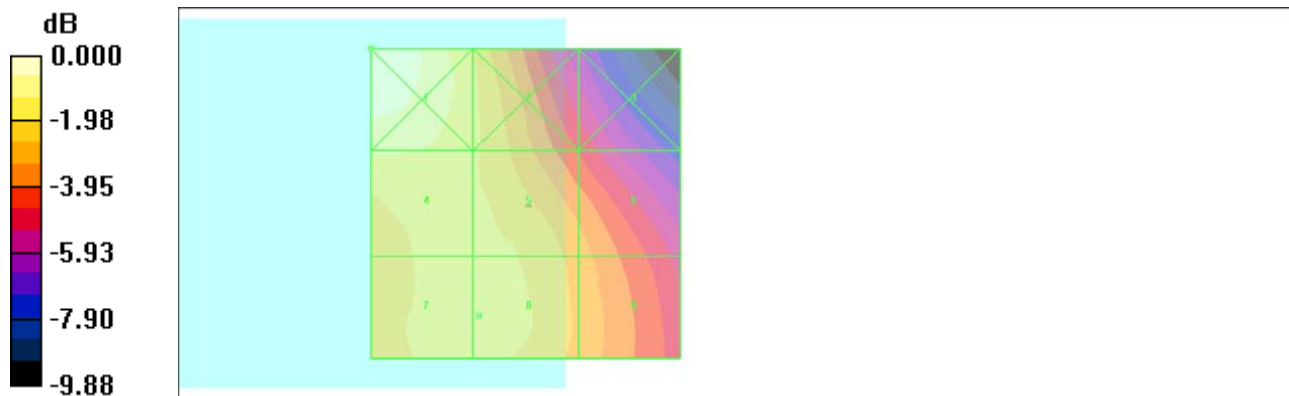
Grid 1 <b>0.135 M4</b>	Grid 2 <b>0.110 M4</b>	Grid 3 <b>0.079 M4</b>
Grid 4 <b>0.117 M4</b>	Grid 5 <b>0.111 M4</b>	Grid 6 <b>0.096 M4</b>
Grid 7 <b>0.112 M4</b>	Grid 8 <b>0.112 M4</b>	Grid 9 <b>0.099 M4</b>

**Cursor:**

Total = 0.135 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.135A/m

**#11 HAC\_H\_CDMA2000 BC1\_RC3+SO55\_Ch600**

**DUT: 230752**

Communication System: CDMA ; Frequency: 1880 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch600/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.112 A/m

Probe Modulation Factor = 0.810

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.134 A/m; Power Drift = -0.020 dB

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

Peak H-field in A/m

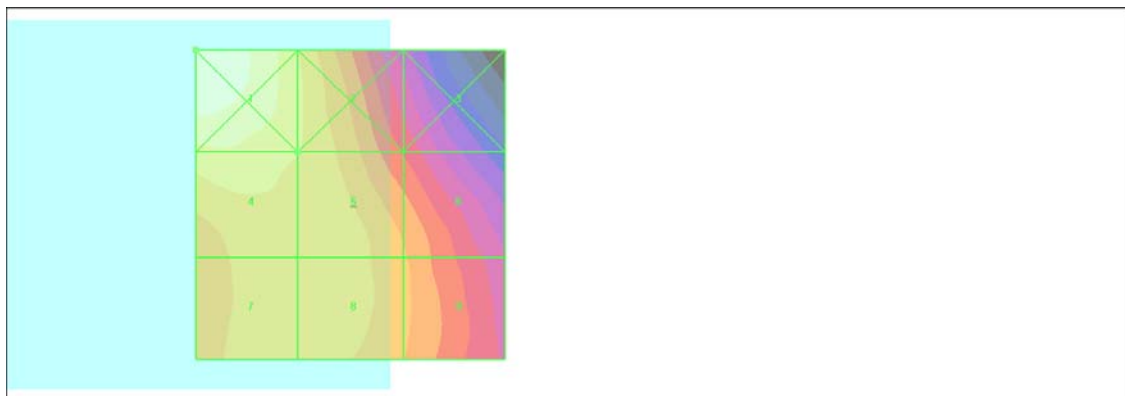
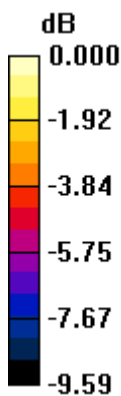
Grid 1 <b>0.131 M4</b>	Grid 2 <b>0.107 M4</b>	Grid 3 <b>0.078 M4</b>
Grid 4 <b>0.112 M4</b>	Grid 5 <b>0.105 M4</b>	Grid 6 <b>0.092 M4</b>
Grid 7 <b>0.105 M4</b>	Grid 8 <b>0.105 M4</b>	Grid 9 <b>0.092 M4</b>

**Cursor:**

Total = 0.131 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.131A/m

### #12 HAC\_H\_CDMA2000 BC1\_RC3+SO55\_Ch1175

**DUT: 230752**

Communication System: CDMA ; Frequency: 1908.75 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 22.5 °C

DASY4 Configuration:

- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1175/Hearing Aid Compatibility Test (101x101x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.102 A/m

Probe Modulation Factor = 0.810

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.123 A/m; Power Drift = 0.050 dB

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

Peak H-field in A/m

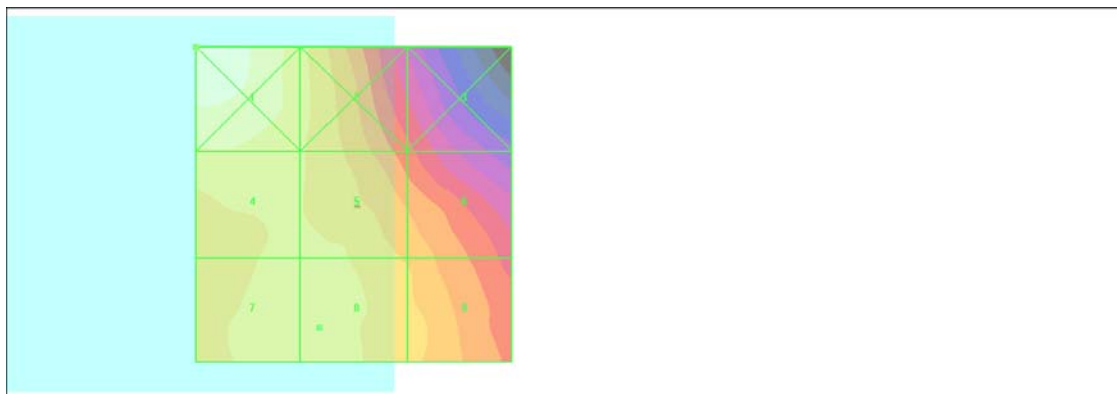
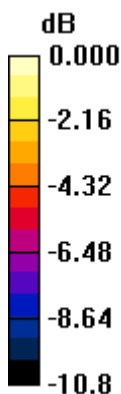
Grid 1 <b>0.121 M4</b>	Grid 2 <b>0.098 M4</b>	Grid 3 <b>0.070 M4</b>
Grid 4 <b>0.102 M4</b>	Grid 5 <b>0.097 M4</b>	Grid 6 <b>0.086 M4</b>
Grid 7 <b>0.098 M4</b>	Grid 8 <b>0.099 M4</b>	Grid 9 <b>0.091 M4</b>

**Cursor:**

Total = 0.121 A/m

H Category: M4

Location: 25, -25, 8.7 mm



0 dB = 0.121A/m