

## **APPENDIX A. HAC TEST PLOTS**

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Test Laboratory: HCT CO., LTD.  
 Ambient Temperature / Channel 21.4 °C /1013  
 Test Date May 15, 2009

**DUT: A200; Type: folder; Serial: #1**

Communication System: CDMA 835MHz FCC; Frequency: 824.7 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

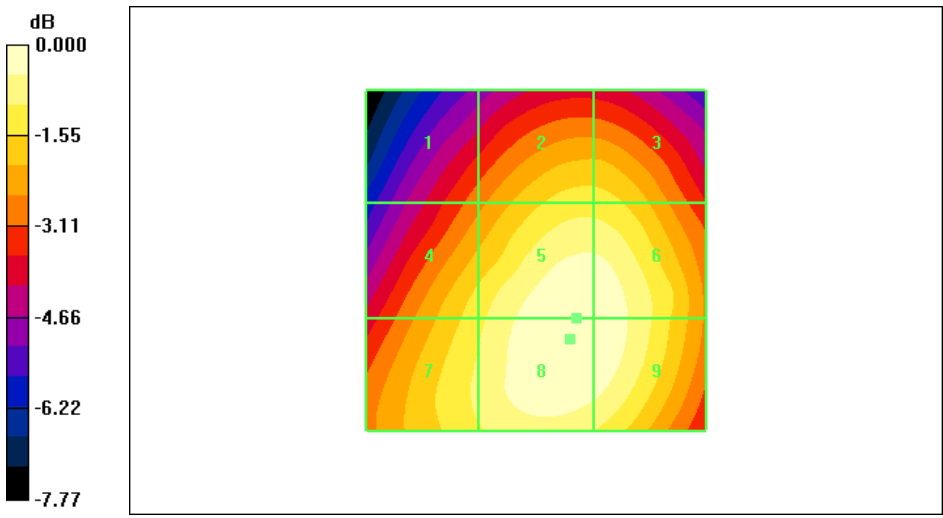
DASY4 Configuration:  
 - Probe: ER3DV6 - SN2417; ConvF(1, 1, 1); Calibrated: 2008-08-22  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE3 Sn479; Calibrated: 2009-03-13  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

**E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):**  
 Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 37.8 V/m  
 Probe Modulation Factor = 0.961  
 Device Reference Point: 0.000, 0.000, 353.7 mm  
 Reference Value = 45.8 V/m; Power Drift = 0.214 dB  
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
27.5 M4	32.7 M4	32.7 M4
Grid 4	Grid 5	Grid 6
32.9 M4	37.7 M4	37.5 M4
Grid 7	Grid 8	Grid 9
34.0 M4	37.8 M4	37.6 M4

**Cursor:**  
 Total = 37.8 V/m  
 E Category: M4  
 Location: -5, 11.5, 369.9 mm



0 dB = 37.8V/m

Test Laboratory: HCT CO., LTD.  
 Ambient Temperature / Channel 21.4 °C /384  
 Test Date May 15, 2009

**DUT: A200; Type: folder; Serial: #1**

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

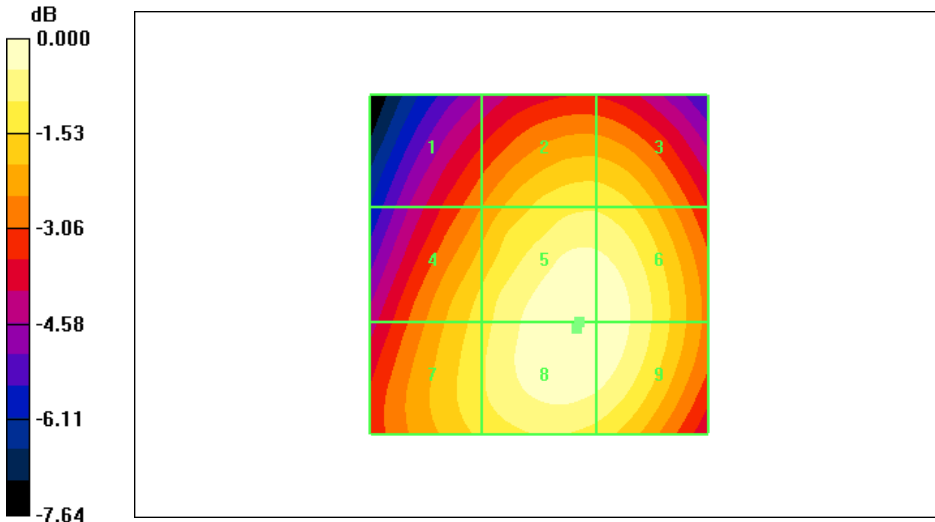
DASY4 Configuration:  
 - Probe: ER3DV6 - SN2417; ConvF(1, 1, 1); Calibrated: 2008-08-22  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE3 Sn479; Calibrated: 2009-03-13  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

**E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):**  
 Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 42.8 V/m  
 Probe Modulation Factor = 0.961  
 Device Reference Point: 0.000, 0.000, 353.7 mm  
 Reference Value = 55.5 V/m; Power Drift = -0.176 dB  
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
31.9 M4	37.8 M4	37.8 M4
Grid 4	Grid 5	Grid 6
37.1 M4	42.8 M4	42.5 M4
Grid 7	Grid 8	Grid 9
37.8 M4	42.8 M4	42.5 M4

**Cursor:**  
 Total = 42.8 V/m  
 E Category: M4  
 Location: -5.5, 9.5, 369.9 mm



0 dB = 42.8V/m

Test Laboratory: HCT CO., LTD.  
 Ambient Temperature / Channel: 21.4 °C /777  
 Test Date: May 15, 2009

**DUT: A200; Type: folder; Serial: #1**

Communication System: CDMA 835MHz FCC; Frequency: 848,31 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

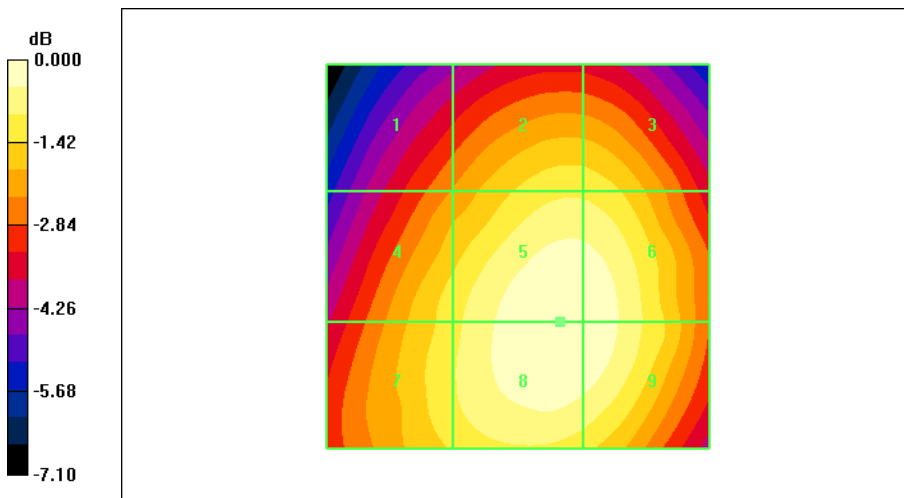
DASY4 Configuration:  
 - Probe: ER3DV6 - SN2417; ConvF(1, 1, 1); Calibrated: 2008-08-22  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE3 Sn479; Calibrated: 2009-03-13  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

**E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):**  
 Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 45.7 V/m  
 Probe Modulation Factor = 0.961  
 Device Reference Point: 0.000, 0.000, 353.7 mm  
 Reference Value = 57.9 V/m; Power Drift = -0.099 dB  
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
35.0 M4	40.6 M4	40.5 M4
Grid 4	Grid 5	Grid 6
40.2 M4	45.7 M4	45.5 M4
Grid 7	Grid 8	Grid 9
40.8 M4	45.7 M4	45.5 M4

**Cursor:**  
 Total = 45.7 V/m  
 E Category: M4  
 Location: -5.5, 8.5, 369.9 mm



0 dB = 45.7V/m

Test Laboratory: HCT CO., LTD.  
 Ambient Temperature / Channel 21.4 °C /25  
 Test Date May 15, 2009

**DUT: A200; Type: folder; Serial: #1**

Communication System: PCS 1900MHz FCC; Frequency: 1851.25 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

**DASY4 Configuration:**

- Probe: ER3DV6 - SN2417; ConvF(1, 1, 1); Calibrated: 2008-08-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn479; Calibrated: 2009-03-13
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

**E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):**

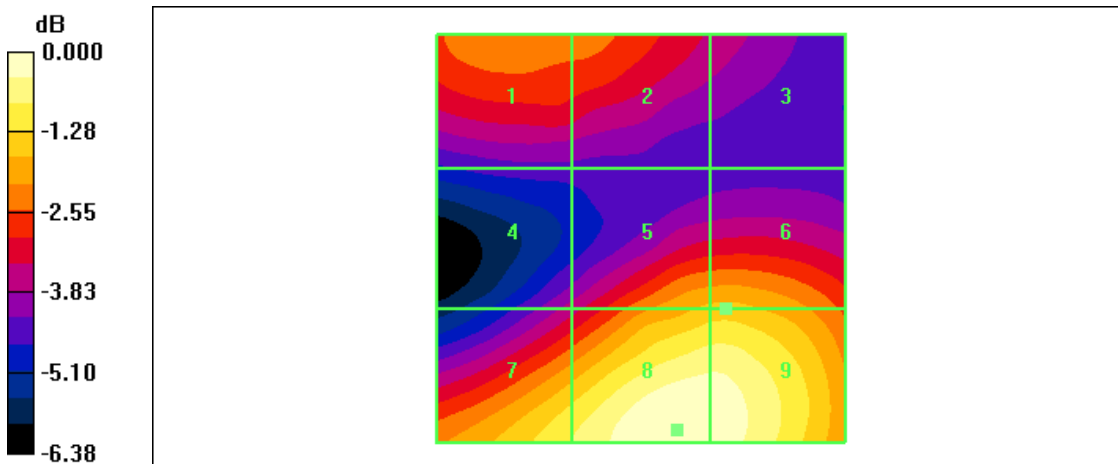
Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 29.5 V/m  
 Probe Modulation Factor = 0.974  
 Device Reference Point: 0.000, 0.000, 353.7 mm  
 Reference Value = 18.1 V/m; Power Drift = -0.122 dB  
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
23.0 M4	22.5 M4	19.8 M4
Grid 4	Grid 5	Grid 6
19.5 M4	24.6 M4	24.7 M4
Grid 7	Grid 8	Grid 9
26.9 M4	29.5 M4	29.2 M4

**Cursor:**

Total = 29.5 V/m  
 E Category: M4  
 Location: -4.5, 23.5, 369.9 mm



0 dB = 29.5V/m

Test Laboratory: HCT CO., LTD.  
 Ambient Temperature / Channel 21.4 °C /600  
 Test Date May 15, 2009

**DUT: A200; Type: folder; Serial: #1**

Communication System: PCS 1900MHz FCC; 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: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

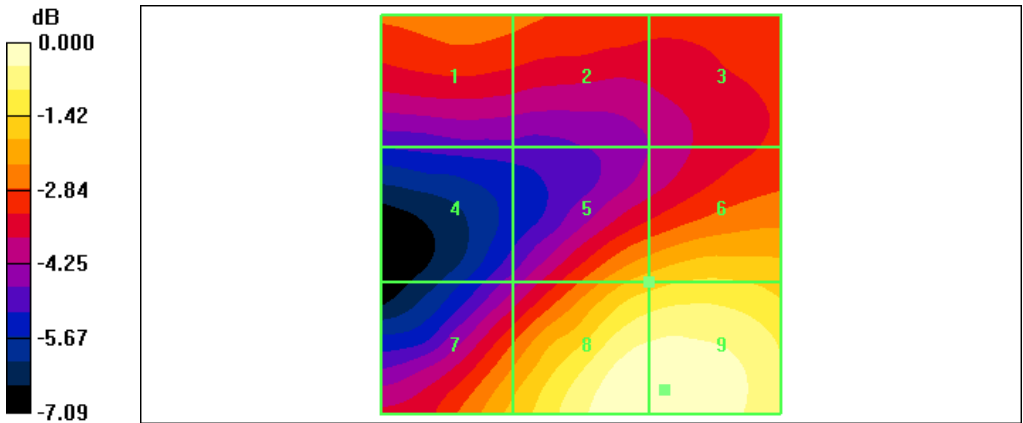
DASY4 Configuration:  
 - Probe: ER3DV6 - SN2417; ConvF(1, 1, 1); Calibrated: 2008-08-22  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE3 Sn479; Calibrated: 2009-03-13  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

**E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):**  
 Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 31.2 V/m  
 Probe Modulation Factor = 0.974  
 Device Reference Point: 0.000, 0.000, 353.7 mm  
 Reference Value = 16.8 V/m; Power Drift = -0.022 dB  
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
23.2 M4	22.9 M4	22.0 M4
Grid 4	Grid 5	Grid 6
18.7 M4	25.9 M4	26.8 M4
Grid 7	Grid 8	Grid 9
25.6 M4	31.1 M4	31.2 M4

**Cursor:**  
 Total = 31.2 V/m  
 E Category: M4  
 Location: -10.5, 22, 369.9 mm



0 dB = 31.2V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1175

Test Date May 15, 2009

**DUT: A200; Type: folder; Serial: #1**

Communication System: PCS 1900MHz FCC; Frequency: 1908.75 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

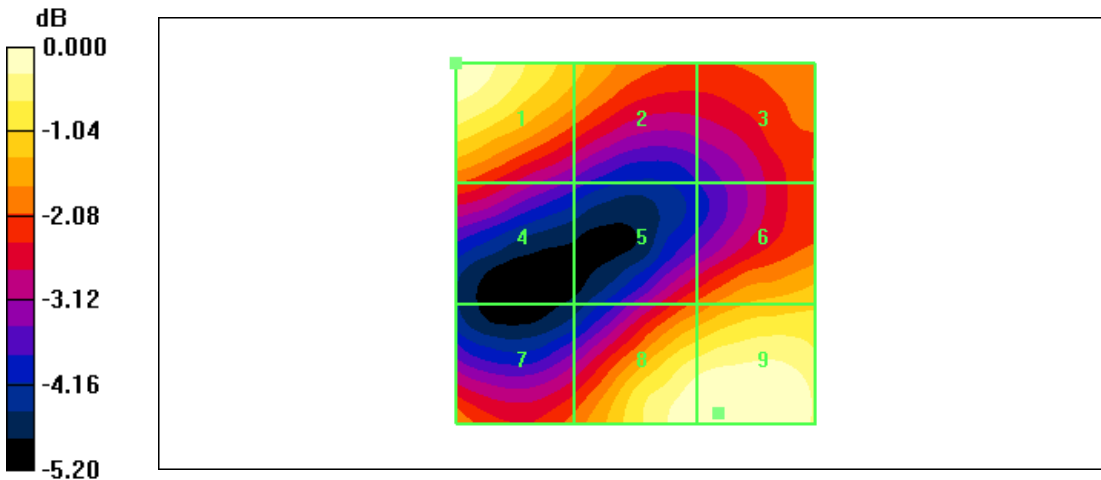
DASY4 Configuration:  
 - Probe: ER3DV6 - SN2417; ConvF(1, 1, 1); Calibrated: 2008-08-22  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE3 Sn479; Calibrated: 2009-03-13  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

**E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):**  
 Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 21.9 V/m  
 Probe Modulation Factor = 0.974  
 Device Reference Point: 0.000, 0.000, 353.7 mm  
 Reference Value = 11.5 V/m; Power Drift = -0.055 dB  
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
21.8 M4	19.0 M4	18.0 M4
Grid 4	Grid 5	Grid 6
17.3 M4	17.4 M4	19.3 M4
Grid 7	Grid 8	Grid 9
18.0 M4	21.7 M4	21.9 M4

**Cursor:**  
 Total = 21.9 V/m  
 E Category: M4  
 Location: -11.5, 23.5, 369.9 mm



0 dB = 21.9V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /25

Test Date May 15, 2009

**DUT: A200; Type: folder; Serial: #1**

Communication System: AWS 1700 MHz FCC; Frequency: 1711.25 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:  
 - Probe: ER3DV6 - SN2417; ConvF(1, 1, 1); Calibrated: 2008-08-22  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE3 Sn479; Calibrated: 2009-03-13  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

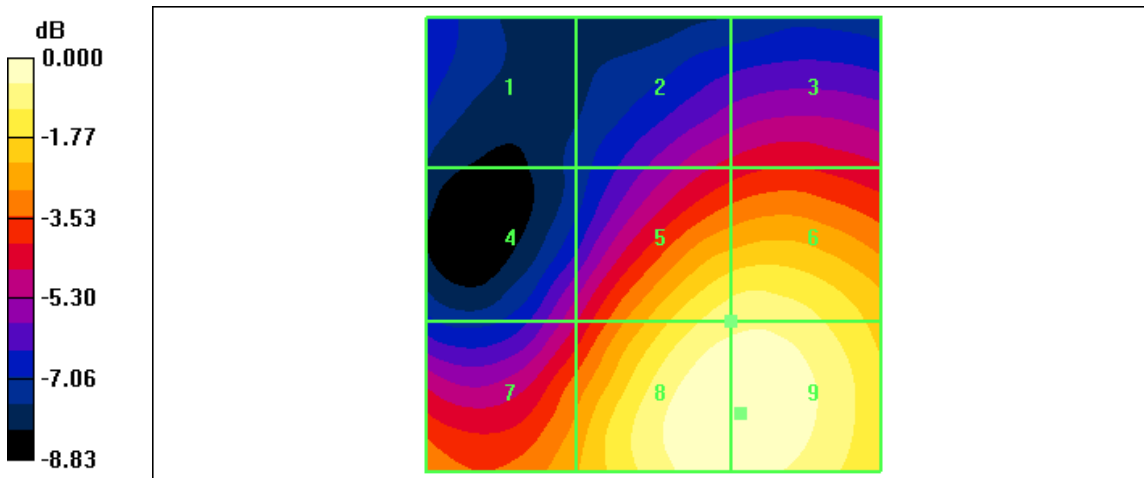
**E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):**

Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 24.2 V/m  
 Probe Modulation Factor = 0.974  
 Device Reference Point: 0.000, 0.000, 353.7 mm  
 Reference Value = 20.0 V/m; Power Drift = 0.064 dB  
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
11.4 M4	14.5 M4	15.1 M4
Grid 4	Grid 5	Grid 6
14.1 M4	22.1 M4	22.4 M4
Grid 7	Grid 8	Grid 9
18.4 M4	24.2 M4	24.2 M4

**Cursor:**  
 Total = 24.2 V/m  
 E Category: M4  
 Location: -9.5, 18.5, 369.9 mm



0 dB = 24.2V/m



Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /450

Test Date May 15, 2009

**DUT: A200; Type: folder; Serial: #1**

Communication System: AWS 1700 MHz FCC; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

DASY4 Configuration:

- Probe: ER3DV6 - SN2417; ConvF(1, 1, 1); Calibrated: 2008-08-22
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn479; Calibrated: 2009-03-13
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

**E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):**

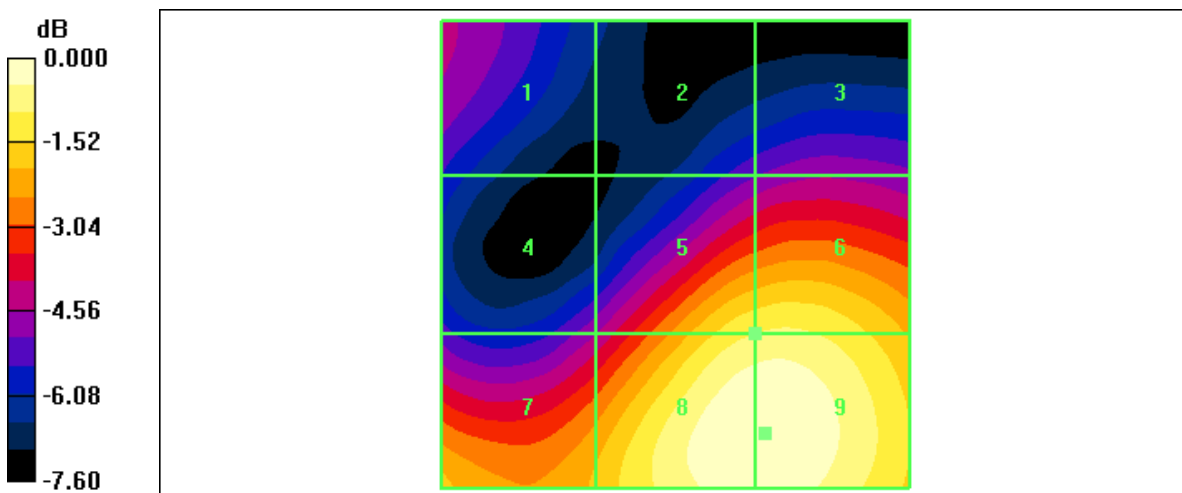
Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 22.6 V/m  
 Probe Modulation Factor = 0.974  
 Device Reference Point: 0.000, 0.000, 353.7 mm  
 Reference Value = 17.0 V/m; Power Drift = -0.069 dB  
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
13.6 M4	12.6 M4	13.3 M4
Grid 4	Grid 5	Grid 6
13.4 M4	20.1 M4	20.4 M4
Grid 7	Grid 8	Grid 9
18.3 M4	22.5 M4	22.6 M4

**Cursor:**

Total = 22.6 V/m  
 E Category: M4  
 Location: -9.5, 19, 369.9 mm



0 dB = 22.6V/m

Test Laboratory: HCT CO., LTD.  
 Ambient Temperature / Channel 21.4 °C /875  
 Test Date May 15, 2009

**DUT: A200; Type: folder; Serial: #1**

Communication System: AWS 1700 MHz FCC; Frequency: 1753.75 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

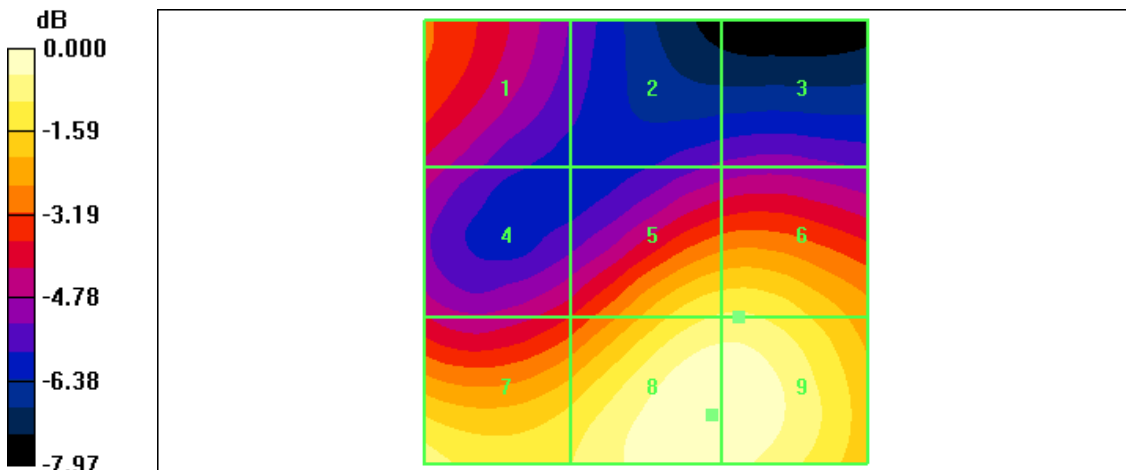
DASY4 Configuration:  
 - Probe: ER3DV6 - SN2417; ConvF(1, 1, 1); Calibrated: 2008-08-22  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE3 Sn479; Calibrated: 2009-03-13  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

**E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):**  
 Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 25.0 V/m  
 Probe Modulation Factor = 0.974  
 Device Reference Point: 0.000, 0.000, 353.7 mm  
 Reference Value = 19.3 V/m; Power Drift = 0.111 dB  
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
17.5 M4	13.8 M4	14.1 M4
Grid 4	Grid 5	Grid 6
16.4 M4	22.3 M4	22.4 M4
Grid 7	Grid 8	Grid 9
22.9 M4	25.0 M4	24.9 M4

**Cursor:**  
 Total = 25.0 V/m  
 E Category: M4  
 Location: -7.5, 19.5, 369.9 mm



0 dB = 25.0V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1013

Test Date May 15, 2009

**DUT: A200; Type: folder; Serial: #1**

Communication System: CDMA 835MHz FCC; Frequency: 824.7 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

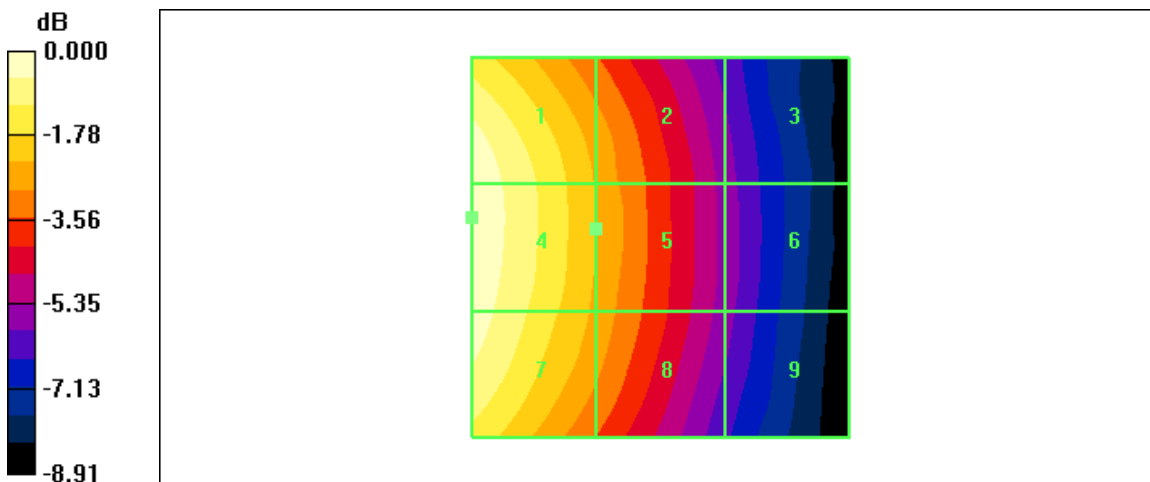
DASY4 Configuration:  
 - Probe: H3DV6 - SN6251; ; Calibrated: 2008-08-22  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE3 Sn479; Calibrated: 2009-03-13  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

**H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):**  
 Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.076 A/m  
 Probe Modulation Factor = 0.852  
 Device Reference Point: 0.000, 0.000, 353.7 mm  
 Reference Value = 0.061 A/m; Power Drift = -0.200 dB  
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

Grid 1 0.075 M4	Grid 2 0.057 M4	Grid 3 0.040 M4
Grid 4 0.076 M4	Grid 5 0.058 M4	Grid 6 0.040 M4
Grid 7 0.074 M4	Grid 8 0.057 M4	Grid 9 0.040 M4

**Cursor:**  
 Total = 0.076 A/m  
 H Category: M4  
 Location: 25, -4, 369.4 mm



0 dB = 0.076A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /384

Test Date May 15, 2009

**DUT: A200; Type: folder; Serial: #1**

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

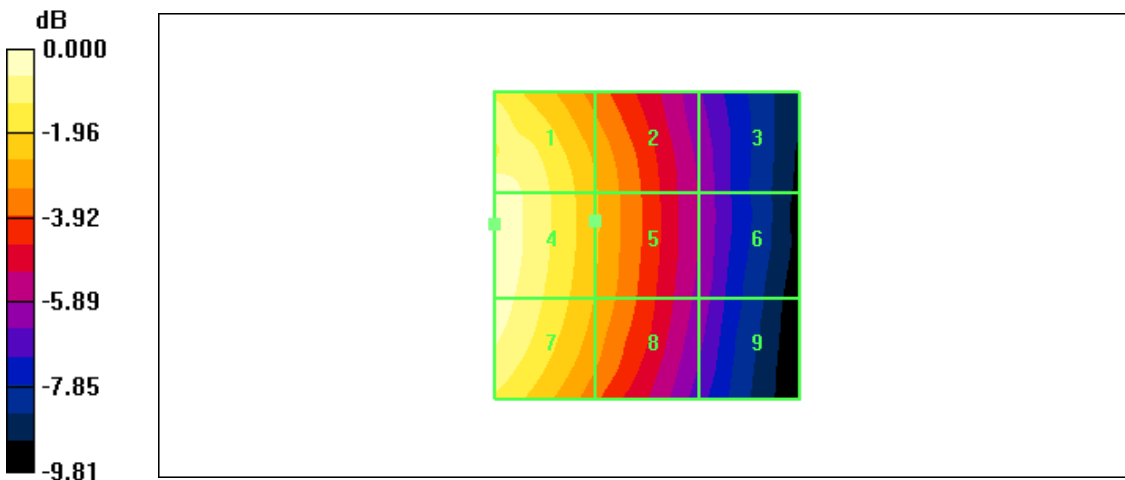
DASY4 Configuration:  
 - Probe: H3DV6 - SN6251; ; Calibrated: 2008-08-22  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE3 Sn479; Calibrated: 2009-03-13  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

**H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):**  
 Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.086 A/m  
 Probe Modulation Factor = 0.852  
 Device Reference Point: 0.000, 0.000, 353.7 mm  
 Reference Value = 0.066 A/m; Power Drift = -0.020 dB  
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

Grid 1 0.085 M4	Grid 2 0.064 M4	Grid 3 0.043 M4
Grid 4 0.086 M4	Grid 5 0.065 M4	Grid 6 0.044 M4
Grid 7 0.083 M4	Grid 8 0.063 M4	Grid 9 0.043 M4

**Cursor:**  
 Total = 0.086 A/m  
 H Category: M4  
 Location: 25, -3.5, 369.4 mm



0 dB = 0.086A/m

Test Laboratory: HCT CO., LTD.  
 Ambient Temperature / Channel 21.4 °C /777  
 Test Date May 15, 2009

**DUT: A200; Type: folder; Serial: #1**

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

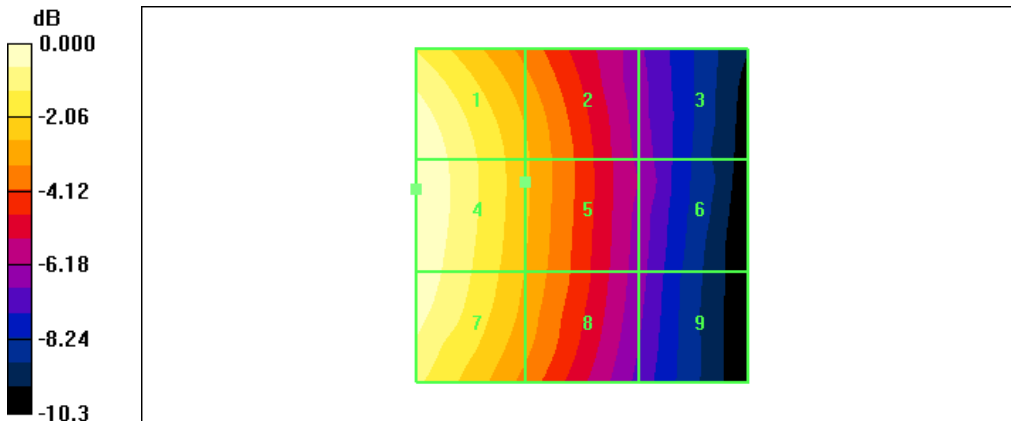
DASY4 Configuration:  
 - Probe: H3DV6 - SN6251; ; Calibrated: 2008-08-22  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE3 Sn479; Calibrated: 2009-03-13  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

**H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):**  
 Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.084 A/m  
 Probe Modulation Factor = 0.852  
 Device Reference Point: 0.000, 0.000, 353.7 mm  
 Reference Value = 0.063 A/m; Power Drift = -0.011 dB  
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.084 M4	0.062 M4	0.041 M4
Grid 4	Grid 5	Grid 6
0.084 M4	0.062 M4	0.041 M4
Grid 7	Grid 8	Grid 9
0.082 M4	0.061 M4	0.040 M4

**Cursor:**  
 Total = 0.084 A/m  
 H Category: M4  
 Location: 25, -4, 369.4 mm



0 dB = 0.084A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /25

Test Date May 15, 2009

**DUT: A200; Type: folder; Serial: #1**

Communication System: PCS 1900MHz FCC; Frequency: 1851.25 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

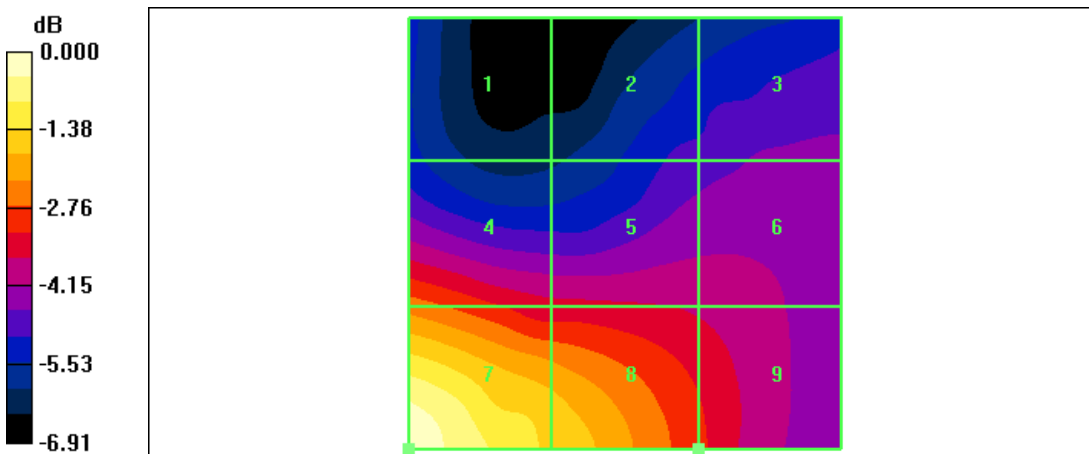
DASY4 Configuration:  
 - Probe: H3DV6 - SN6251; ; Calibrated: 2008-08-22  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE3 Sn479; Calibrated: 2009-03-13  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

**H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):**  
 Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.065 A/m  
 Probe Modulation Factor = 0.750  
 Device Reference Point: 0.000, 0.000, 353.7 mm  
 Reference Value = 0.051 A/m; Power Drift = -0.040 dB  
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.035 M4	0.037 M4	0.039 M4
Grid 4	Grid 5	Grid 6
0.049 M4	0.043 M4	0.042 M4
Grid 7	Grid 8	Grid 9
0.065 M4	0.055 M4	0.046 M4

**Cursor:**  
 Total = 0.065 A/m  
 H Category: M4  
 Location: 25, 25, 369.4 mm



0 dB = 0.065A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /600

Test Date May 15, 2009

**DUT: A200; Type: folder; Serial: #1**

Communication System: PCS 1900MHz FCC; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

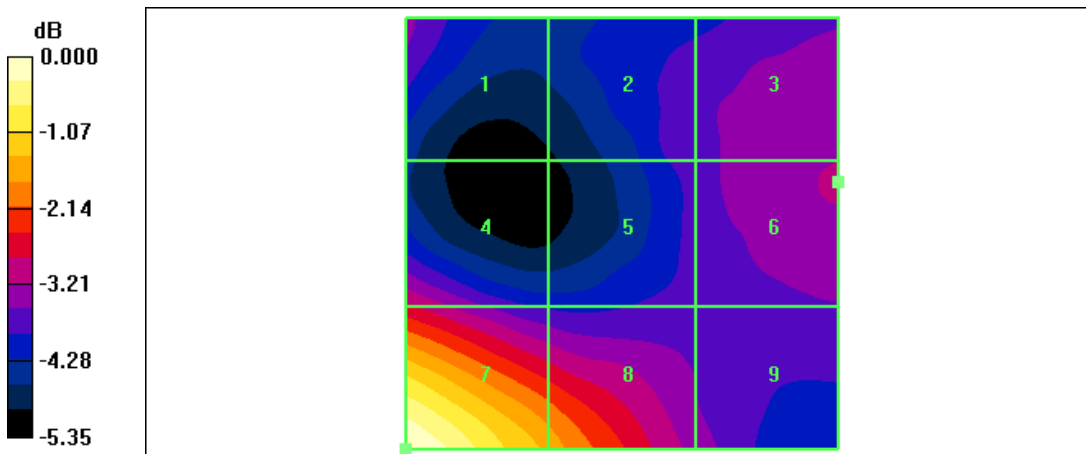
DASY4 Configuration:  
 - Probe: H3DV6 - SN6251; ; Calibrated: 2008-08-22  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE3 Sn479; Calibrated: 2009-03-13  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

**H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):**  
 Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.068 A/m  
 Probe Modulation Factor = 0.750  
 Device Reference Point: 0.000, 0.000, 353.7 mm  
 Reference Value = 0.056 A/m; Power Drift = -0.132 dB  
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.046 M4	0.045 M4	0.047 M4
Grid 4	Grid 5	Grid 6
0.050 M4	0.044 M4	0.047 M4
Grid 7	Grid 8	Grid 9
0.068 M4	0.057 M4	0.046 M4

**Cursor:**  
 Total = 0.068 A/m  
 H Category: M4  
 Location: 25, 25, 369.4 mm



0 dB = 0.068A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1175

Test Date May 15, 2009

**DUT: A200; Type: folder; Serial: #1**

Communication System: PCS 1900MHz FCC; Frequency: 1908.75 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

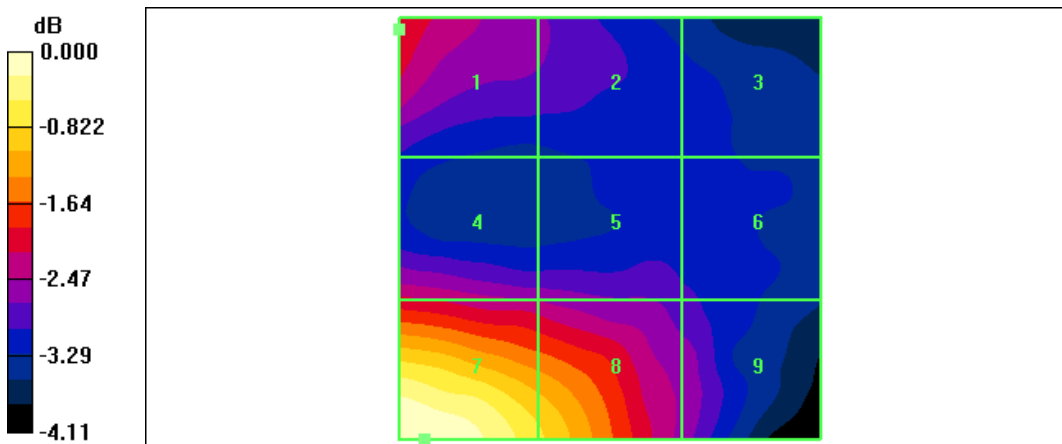
DASY4 Configuration:  
 - Probe: H3DV6 - SN6251; ; Calibrated: 2008-08-22  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE3 Sn479; Calibrated: 2009-03-13  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

**H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):**  
 Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.055 A/m  
 Probe Modulation Factor = 0.750  
 Device Reference Point: 0.000, 0.000, 353.7 mm  
 Reference Value = 0.050 A/m; Power Drift = 0.140 dB  
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.044 M4	0.040 M4	0.039 M4
Grid 4	Grid 5	Grid 6
0.043 M4	0.041 M4	0.039 M4
Grid 7	Grid 8	Grid 9
0.055 M4	0.050 M4	0.041 M4

**Cursor:**  
 Total = 0.055 A/m  
 H Category: M4  
 Location: 22, 25, 369.4 mm



0 dB = 0.055A/m



Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /25

Test Date May 15, 2009

**DUT: A200; Type: folder; Serial: #1**

Communication System: AWS 1700 MHz FCC; Frequency: 1711.25 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

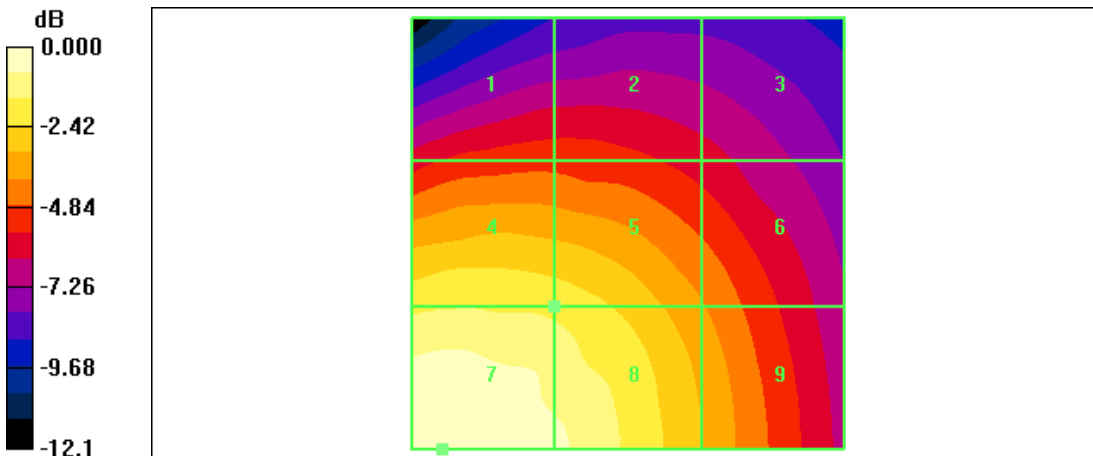
DASY4 Configuration:  
 - Probe: H3DV6 - SN6251; ; Calibrated: 2008-08-22  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE3 Sn479; Calibrated: 2009-03-13  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

**H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):**  
 Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.061 A/m  
 Probe Modulation Factor = 0.750  
 Device Reference Point: 0.000, 0.000, 353.7 mm  
 Reference Value = 0.055 A/m; Power Drift = 0.062 dB  
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.034 M4	0.034 M4	0.030 M4
Grid 4	Grid 5	Grid 6
0.051 M4	0.049 M4	0.039 M4
Grid 7	Grid 8	Grid 9
0.061 M4	0.057 M4	0.042 M4

**Cursor:**  
 Total = 0.061 A/m  
 H Category: M4  
 Location: 21.5, 25, 369.4 mm



0 dB = 0.061A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /450

Test Date May 15, 2009

**DUT: A200; Type: folder; Serial: #1**

Communication System: AWS 1700 MHz FCC; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

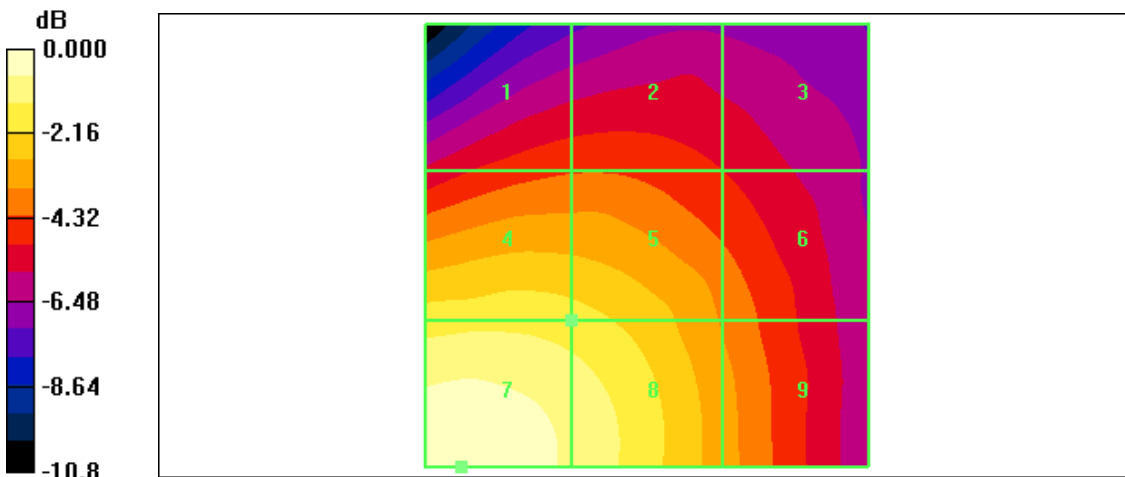
DASY4 Configuration:  
 - Probe: H3DV6 - SN6251; ; Calibrated: 2008-08-22  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE3 Sn479; Calibrated: 2009-03-13  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

**H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):**  
 Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.058 A/m  
 Probe Modulation Factor = 0.750  
 Device Reference Point: 0.000, 0.000, 353.7 mm  
 Reference Value = 0.056 A/m; Power Drift = -0.084 dB  
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.035 M4	0.035 M4	0.033 M4
Grid 4	Grid 5	Grid 6
0.048 M4	0.047 M4	0.038 M4
Grid 7	Grid 8	Grid 9
0.058 M4	0.053 M4	0.040 M4

**Cursor:**  
 Total = 0.058 A/m  
 H Category: M4  
 Location: 21, 25, 369.4 mm



0 dB = 0.058A/m

Test Laboratory: HCT CO., LTD.  
 Ambient Temperature / Channel 21.4 °C /875  
 Test Date May 15, 2009

**DUT: A200; Type: folder; Serial: #1**

Communication System: AWS 1700 MHz FCC; Frequency: 1753.75 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

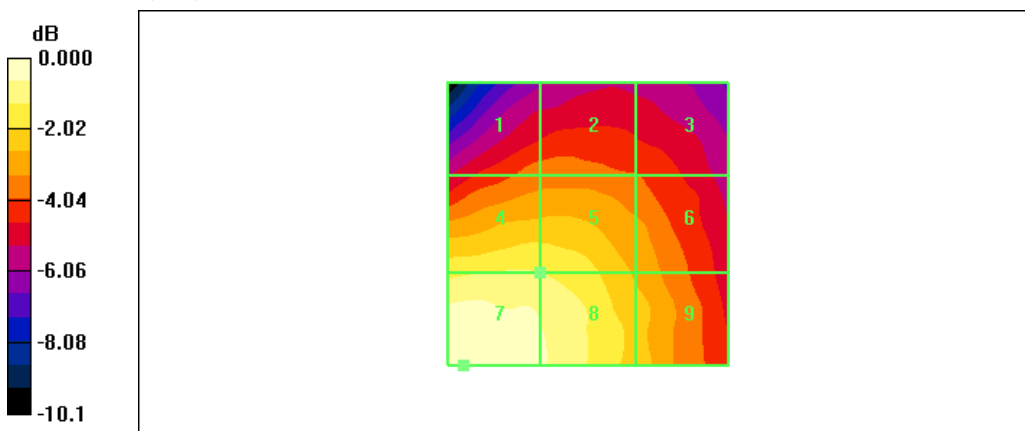
DASY4 Configuration:  
 - Probe: H3DV6 - SN6251; ; Calibrated: 2008-08-22  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE3 Sn479; Calibrated: 2009-03-13  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

**H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):**  
 Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.060 A/m  
 Probe Modulation Factor = 0.750  
 Device Reference Point: 0.000, 0.000, 353.7 mm  
 Reference Value = 0.063 A/m; Power Drift = 0.070 dB  
**Hearing Aid Near-Field Category: M4 (AWF 0 dB)**

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.039 M4	0.040 M4	0.038 M4
Grid 4	Grid 5	Grid 6
0.052 M4	0.051 M4	0.044 M4
Grid 7	Grid 8	Grid 9
0.060 M4	0.056 M4	0.046 M4

**Cursor:**  
 Total = 0.060 A/m  
 H Category: M4  
 Location: 22, 25, 369.4 mm



0 dB = 0.060A/m