

APPENDIX A. HAC TEST PLOTS

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.4 °C /1013
 Test Date Aug. 20, 2009

DUT: A300; 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/m³
 Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

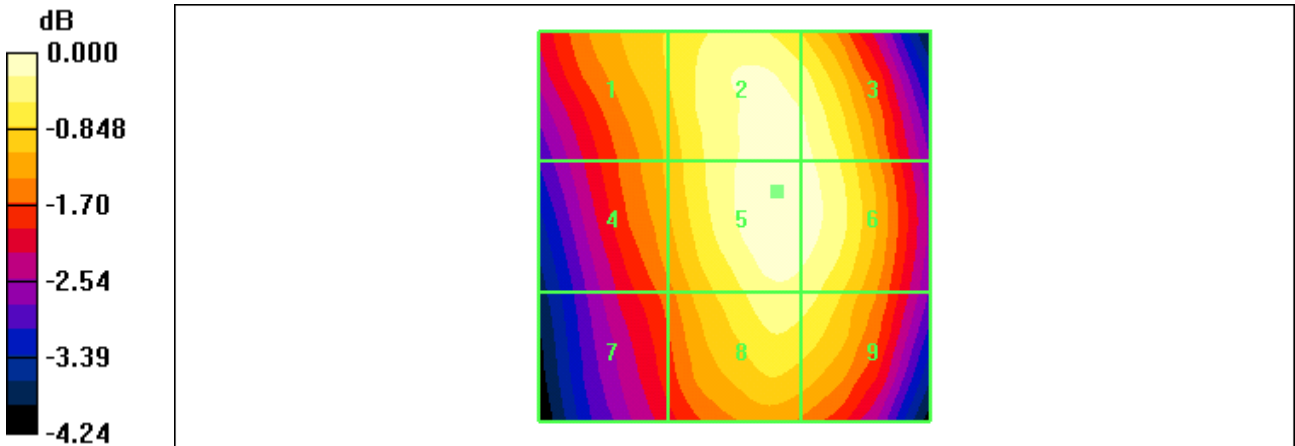
DASY4 Configuration:
 - Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2009-07-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 70.9 V/m
 Probe Modulation Factor = 0.978
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 95.4 V/m; Power Drift = 0.077 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
64.6 M4	70.4 M4	69.6 M4
Grid 4	Grid 5	Grid 6
62.8 M4	70.9 M4	70.2 M4
Grid 7	Grid 8	Grid 9
59.5 M4	68.1 M4	67.6 M4

Cursor:
 Total = 70.9 V/m
 E Category: M4
 Location: -5.5, -4.5, 369.9 mm



0 dB = 70.9V/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.4 °C /384
 Test Date Aug. 20, 2009

DUT: A300; 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/m³
 Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

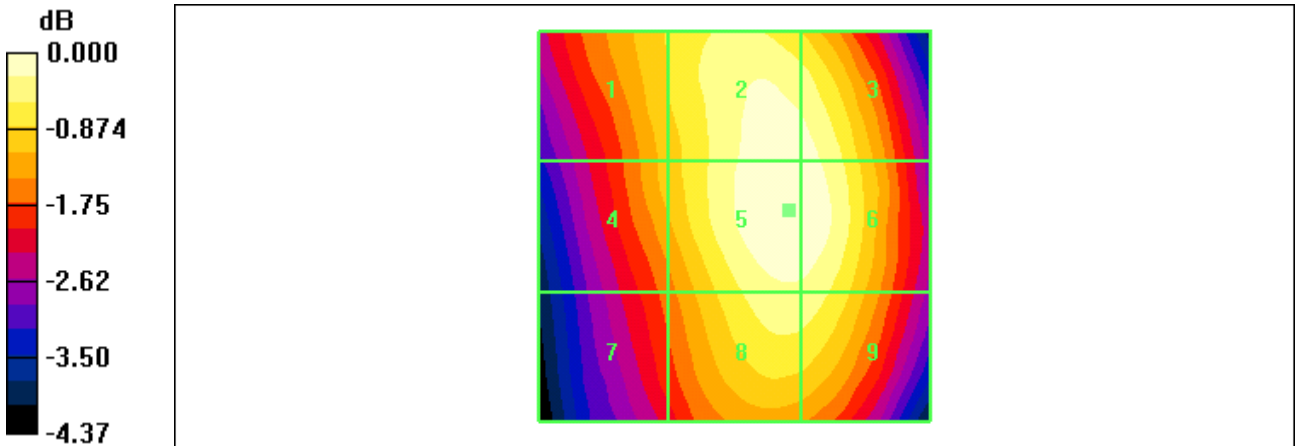
DASY4 Configuration:
 - Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2009-07-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 74.5 V/m
 Probe Modulation Factor = 0.978
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 100.3 V/m; Power Drift = 0.030 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
67.6 M4	73.7 M4	73.4 M4
Grid 4	Grid 5	Grid 6
66.2 M4	74.5 M4	74.4 M4
Grid 7	Grid 8	Grid 9
62.1 M4	71.6 M4	71.5 M4

Cursor:
 Total = 74.5 V/m
 E Category: M4
 Location: -7, -2, 369.9 mm



0 dB = 74.5V/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.4 °C /777
 Test Date Aug. 20, 2009

DUT: A300; 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/m³
 Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

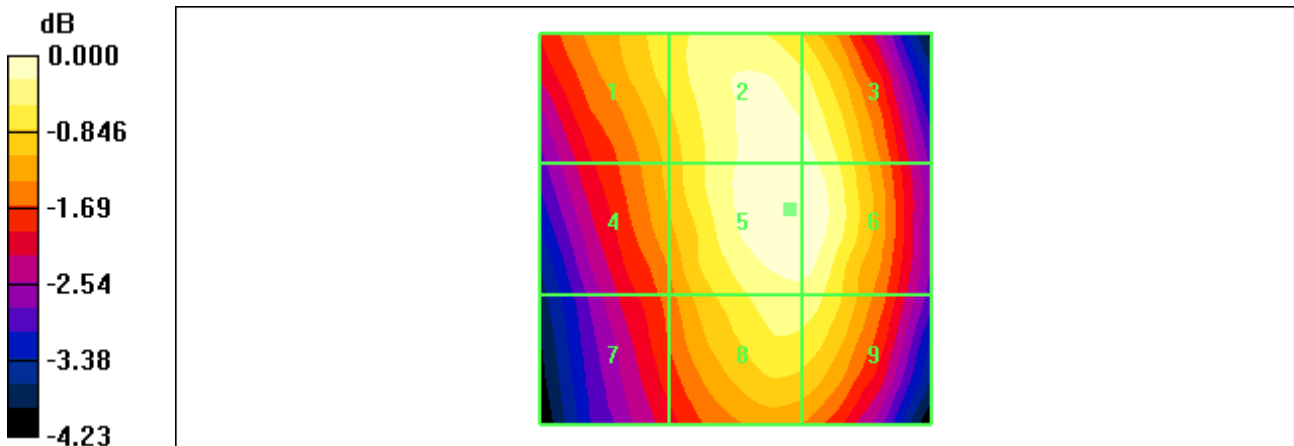
DASY4 Configuration:
 - Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2009-07-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 65.4 V/m
 Probe Modulation Factor = 0.978
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 88.2 V/m; Power Drift = 0.023 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
60.5 M4	64.7 M4	64.4 M4
Grid 4	Grid 5	Grid 6
58.1 M4	65.4 M4	65.3 M4
Grid 7	Grid 8	Grid 9
54.9 M4	62.7 M4	62.7 M4

Cursor:
 Total = 65.4 V/m
 E Category: M4
 Location: -7, -2.5, 369.9 mm



0 dB = 65.4V/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.4 °C /25
 Test Date Aug. 20, 2009

DUT: A300; 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/m³
 Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

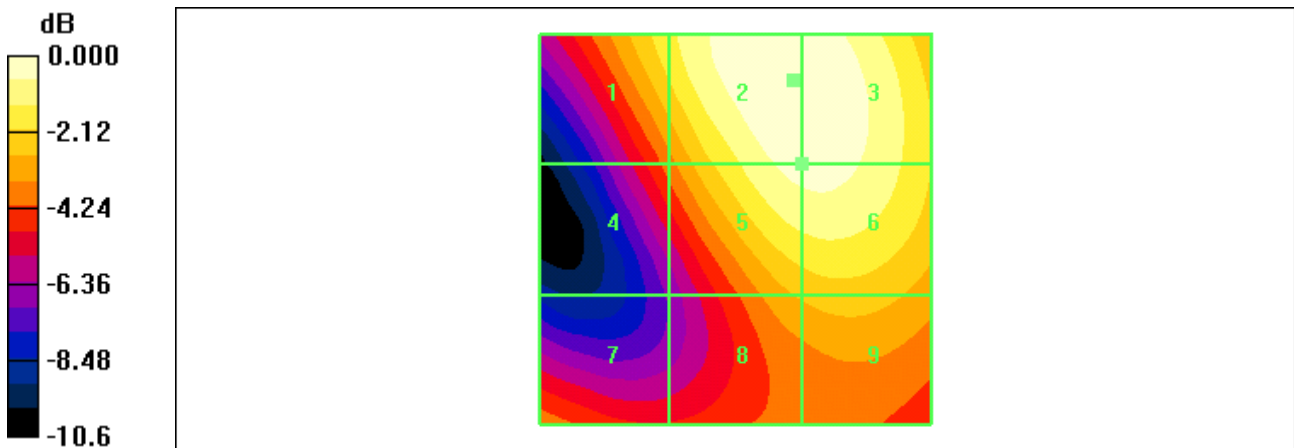
DASY4 Configuration:
 - Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2009-07-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 33.9 V/m
 Probe Modulation Factor = 0.967
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 33.7 V/m; Power Drift = 0.041 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
28.2 M4	33.9 M4	33.9 M4
Grid 4	Grid 5	Grid 6
21.9 M4	32.2 M4	32.4 M4
Grid 7	Grid 8	Grid 9
22.0 M4	24.8 M4	25.6 M4

Cursor:
 Total = 33.9 V/m
 E Category: M4
 Location: -7.5, -19, 369.9 mm



0 dB = 33.9V/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.4 °C /600
 Test Date Aug. 20, 2009

DUT: A300; 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/m³
 Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

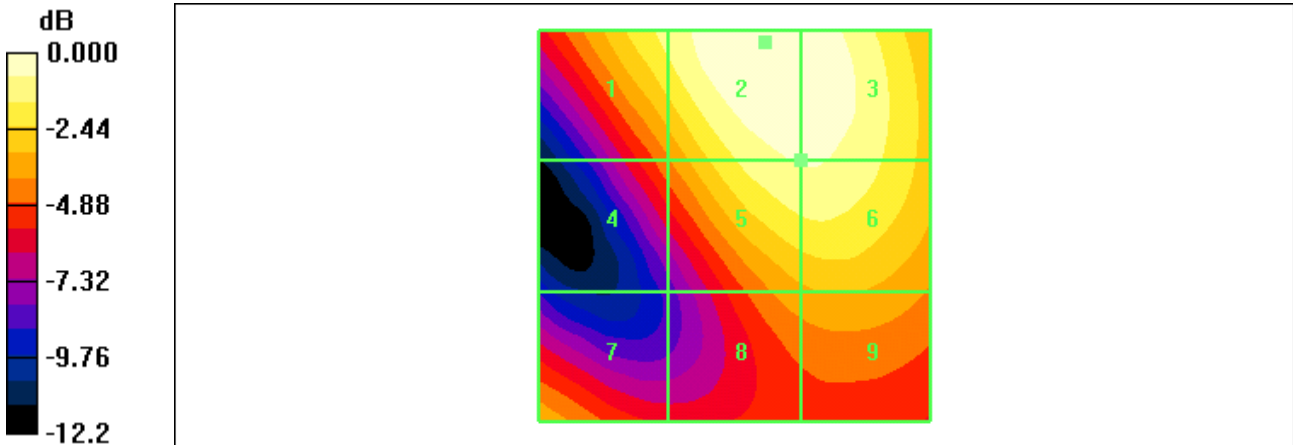
DASY4 Configuration:
 - Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2009-07-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 36.9 V/m
 Probe Modulation Factor = 0.967
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 35.4 V/m; Power Drift = 0.068 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
31.8 M4	36.9 M4	36.3 M4
Grid 4	Grid 5	Grid 6
22.9 M4	33.9 M4	33.9 M4
Grid 7	Grid 8	Grid 9
24.8 M4	24.7 M4	25.5 M4

Cursor:
 Total = 36.9 V/m
 E Category: M4
 Location: -4, -23.5, 369.9 mm



0 dB = 36.9V/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.4 °C /1175
 Test Date Aug. 20, 2009

DUT: A300; 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/m³
 Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

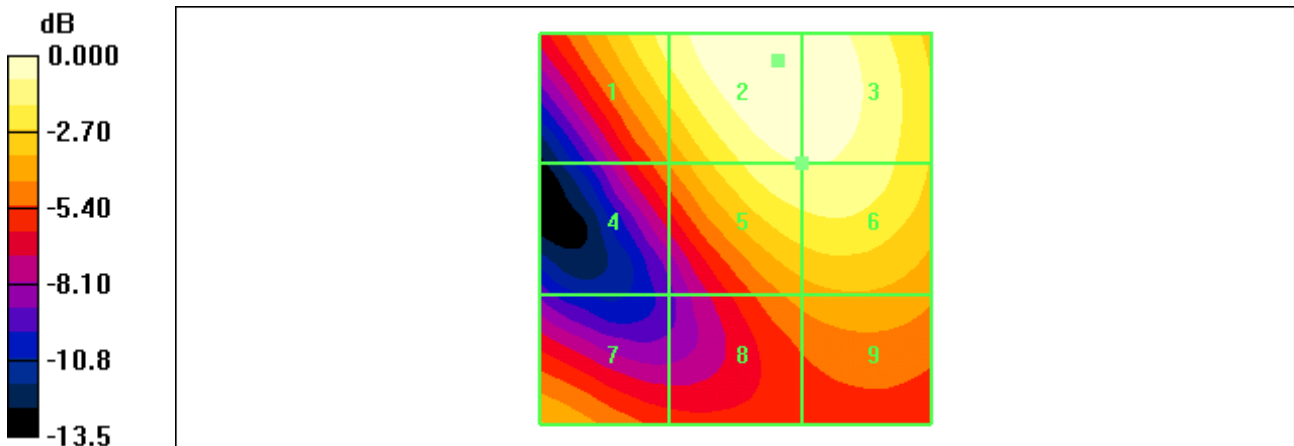
DASY4 Configuration:
 - Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2009-07-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 36.0 V/m
 Probe Modulation Factor = 0.967
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 31.9 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
30.8 M4	36.0 M4	35.7 M4
Grid 4	Grid 5	Grid 6
21.6 M4	32.5 M4	32.6 M4
Grid 7	Grid 8	Grid 9
24.1 M4	22.4 M4	23.6 M4

Cursor:
 Total = 36.0 V/m
 E Category: M4
 Location: -5.5, -21.5, 369.9 mm



0 dB = 36.0V/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.4 °C /25
 Test Date Aug. 20, 2009

DUT: A300; 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/m³
 Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

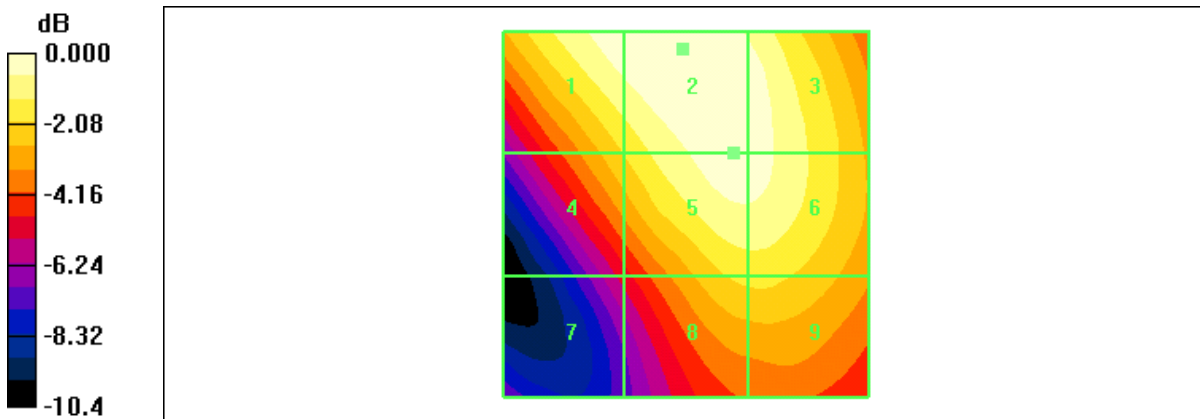
DASY4 Configuration:
 - Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2009-07-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 44.9 V/m
 Probe Modulation Factor = 0.967
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 53.5 V/m; Power Drift = 0.093 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
43.9 M4	44.9 M4	43.4 M4
Grid 4	Grid 5	Grid 6
35.6 M4	43.3 M4	43.0 M4
Grid 7	Grid 8	Grid 9
24.7 M4	36.2 M4	36.3 M4

Cursor:
 Total = 44.9 V/m
 E Category: M4
 Location: 0.5, -22.5, 369.9 mm



0 dB = 44.9V/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.4 °C /450
 Test Date Aug. 20, 2009

DUT: A300; 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/m³
 Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

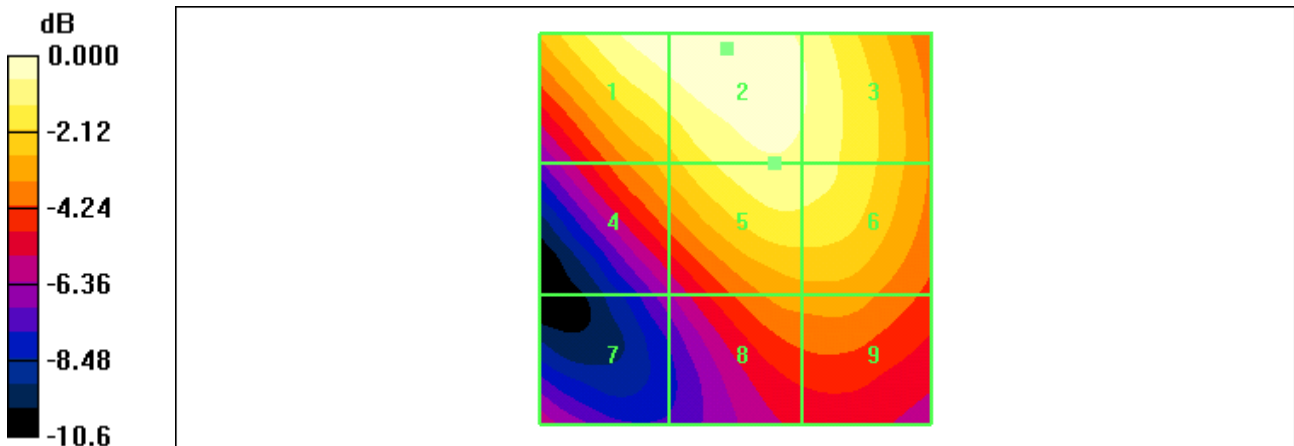
DASY4 Configuration:
 - Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2009-07-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 42.1 V/m
 Probe Modulation Factor = 0.967
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 45.5 V/m; Power Drift = -0.029 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
41.1 M4	42.1 M4	39.3 M4
Grid 4	Grid 5	Grid 6
31.8 M4	38.4 M4	37.8 M4
Grid 7	Grid 8	Grid 9
21.7 M4	29.3 M4	29.5 M4

Cursor:
 Total = 42.1 V/m
 E Category: M4
 Location: 1, -23, 369.9 mm



0 dB = 42.1V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /875

Test Date Aug. 20, 2009

DUT: A300; 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/m³
 Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

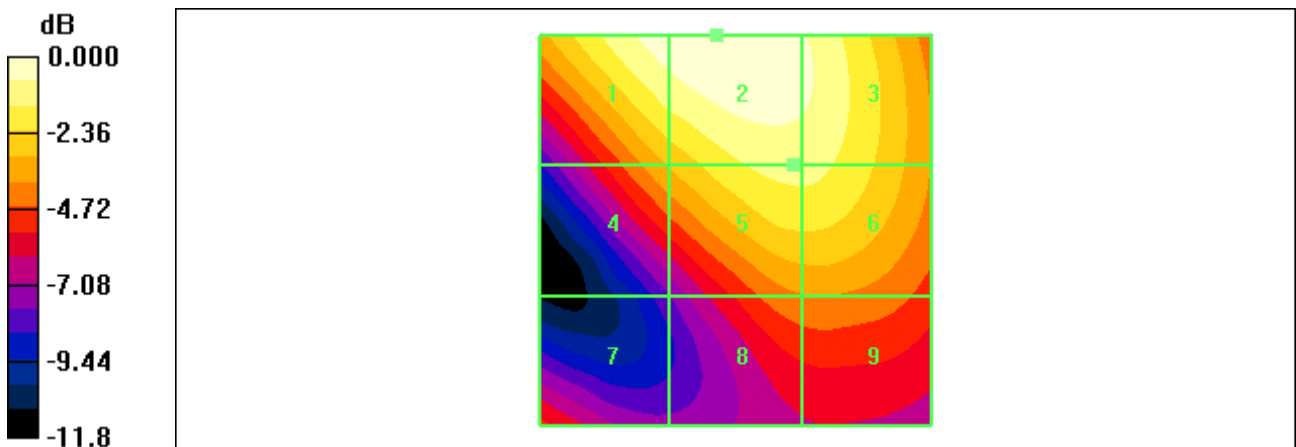
DASY4 Configuration:
 - Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2009-05-22
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2009-07-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 48.7 V/m
 Probe Modulation Factor = 0.967
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 47.5 V/m; Power Drift = 0.113 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
47.2 M4	48.7 M4	45.5 M4
Grid 4	Grid 5	Grid 6
34.4 M4	42.1 M4	42.0 M4
Grid 7	Grid 8	Grid 9
26.9 M4	30.8 M4	31.0 M4

Cursor:
 Total = 48.7 V/m
 E Category: M4
 Location: 2.5, -25, 369.9 mm



0 dB = 48.7V/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.4 °C /1013
 Test Date Aug. 20, 2009

DUT: A300; Type: bar; 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/m³
 Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

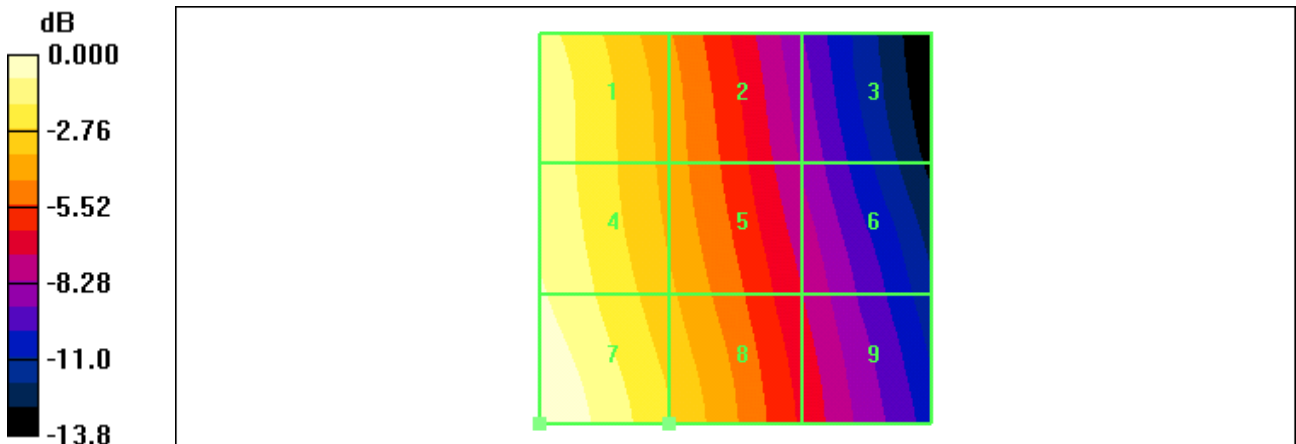
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2009-07-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.136 A/m
 Probe Modulation Factor = 0.869
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.085 A/m; Power Drift = -0.124 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.119 M4	0.086 M4	0.052 M4
Grid 4	Grid 5	Grid 6
0.124 M4	0.091 M4	0.059 M4
Grid 7	Grid 8	Grid 9
0.136 M4	0.100 M4	0.064 M4

Cursor:
 Total = 0.136 A/m
 H Category: M4
 Location: 25, 25, 369.4 mm



0 dB = 0.136A/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.4 °C /384
 Test Date Aug. 20, 2009

DUT: A300; Type: bar; 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/m³
 Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

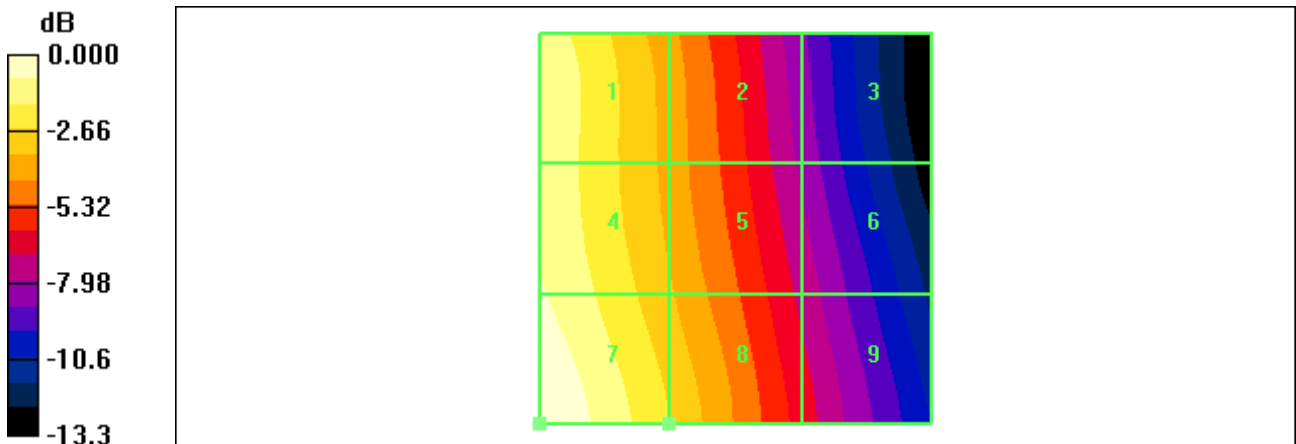
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2009-07-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.144 A/m
 Probe Modulation Factor = 0.869
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.091 A/m; Power Drift = -0.023 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.128 M4	Grid 2 0.092 M4	Grid 3 0.056 M4
Grid 4 0.132 M4	Grid 5 0.097 M4	Grid 6 0.062 M4
Grid 7 0.144 M4	Grid 8 0.106 M4	Grid 9 0.068 M4

Cursor:
 Total = 0.144 A/m
 H Category: M4
 Location: 25, 25, 369.4 mm



0 dB = 0.144A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /777

Test Date Aug. 20, 2009

DUT: A300; Type: bar; 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/m³
 Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

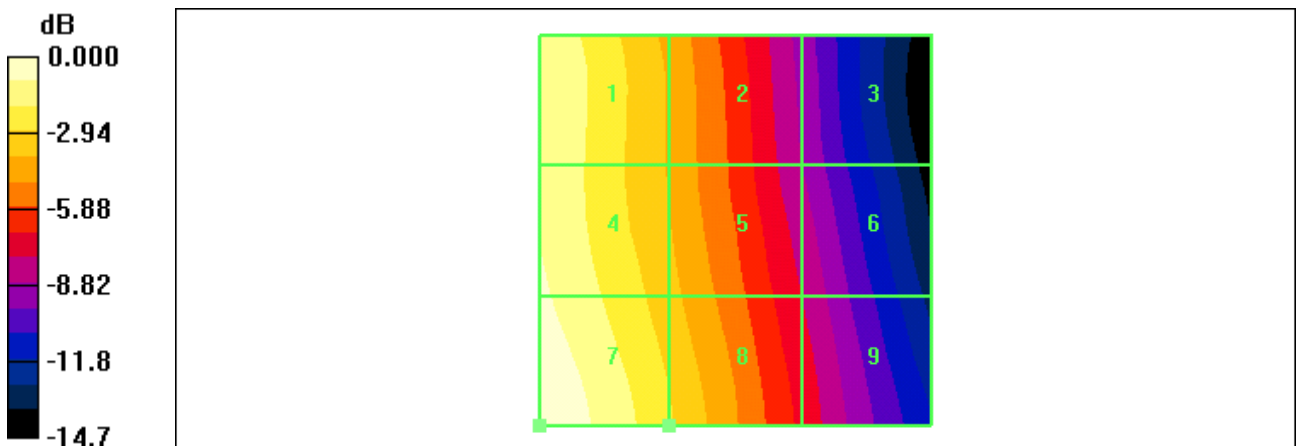
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2009-07-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.132 A/m
 Probe Modulation Factor = 0.869
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.080 A/m; Power Drift = 0.026 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.118 M4	0.083 M4	0.048 M4
Grid 4	Grid 5	Grid 6
0.121 M4	0.088 M4	0.054 M4
Grid 7	Grid 8	Grid 9
0.132 M4	0.096 M4	0.058 M4

Cursor:
 Total = 0.132 A/m
 H Category: M4
 Location: 25, 25, 369.4 mm



0 dB = 0.132A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /25

Test Date Aug. 20, 2009

DUT: A300; Type: bar; 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/m³
 Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

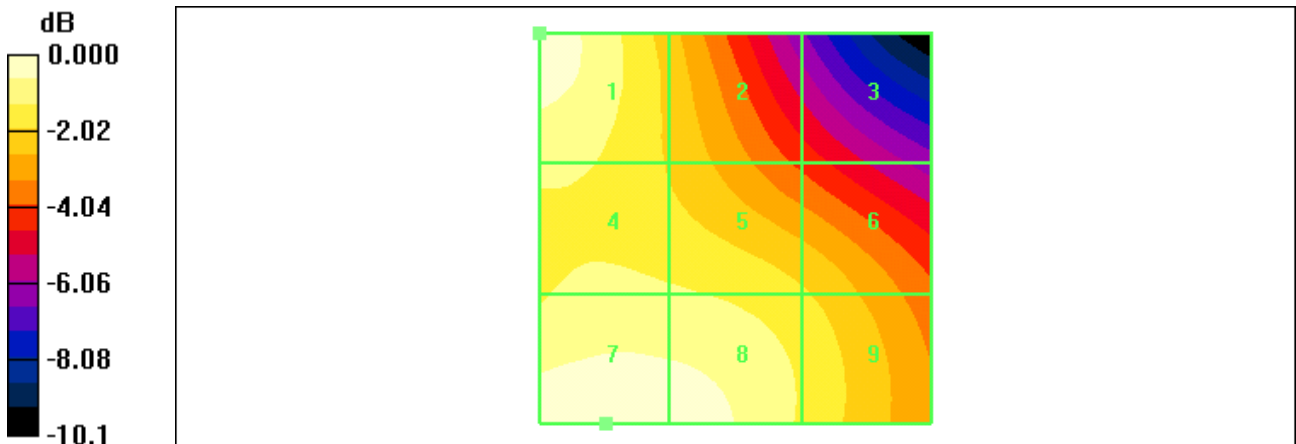
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2009-07-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.071 A/m
 Probe Modulation Factor = 0.770
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.076 A/m; Power Drift = -0.024 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.069 M4	0.056 M4	0.044 M4
Grid 4	Grid 5	Grid 6
0.062 M4	0.062 M4	0.057 M4
Grid 7	Grid 8	Grid 9
0.071 M4	0.070 M4	0.060 M4

Cursor:
 Total = 0.071 A/m
 H Category: M4
 Location: 16.5, 25, 369.4 mm



0 dB = 0.071A/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.4 °C /600
 Test Date Aug. 20, 2009

DUT: A300; Type: bar; 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/m³
 Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

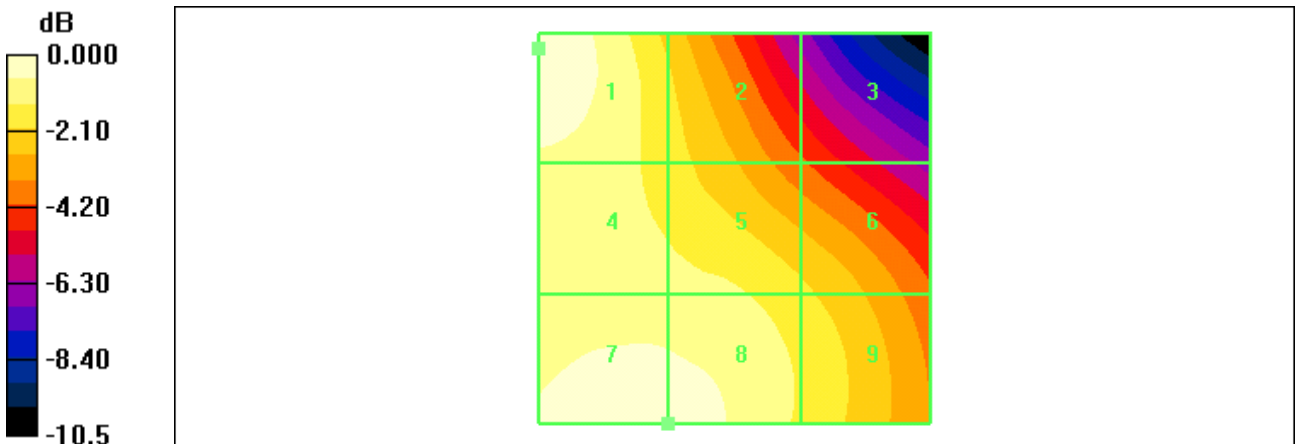
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2009-07-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.075 A/m
 Probe Modulation Factor = 0.770
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.084 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
0.075 M4	0.061 M4	0.047 M4
Grid 4	Grid 5	Grid 6
0.068 M4	0.066 M4	0.060 M4
Grid 7	Grid 8	Grid 9
0.074 M4	0.073 M4	0.063 M4

Cursor:
 Total = 0.075 A/m
 H Category: M4
 Location: 25, -23, 369.4 mm



0 dB = 0.075A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /1175

Test Date Aug. 20, 2009

DUT: A300; Type: bar; 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/m³
 Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

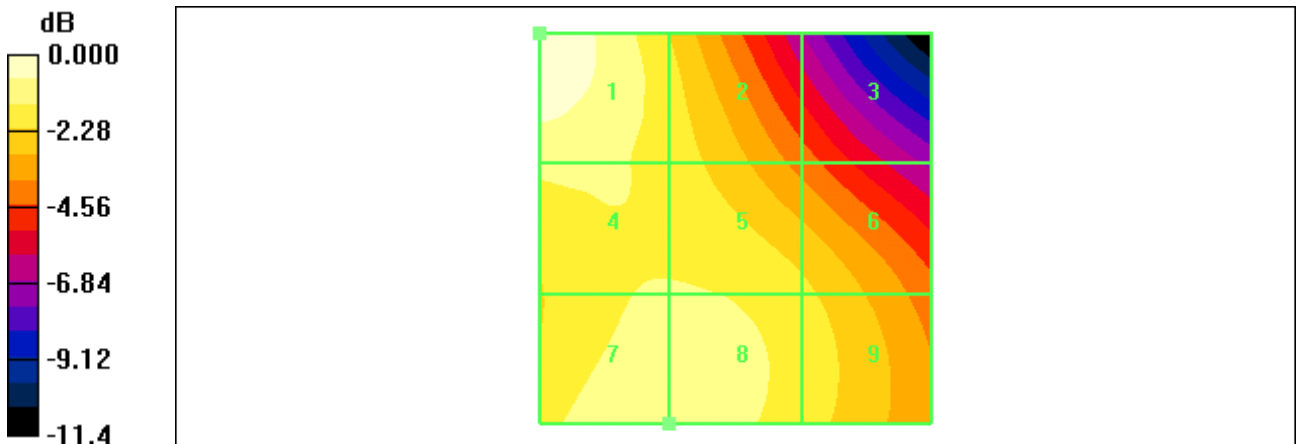
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2009-07-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.770
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.085 A/m; Power Drift = 0.046 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.076 M4	0.062 M4	0.047 M4
Grid 4	Grid 5	Grid 6
0.066 M4	0.064 M4	0.060 M4
Grid 7	Grid 8	Grid 9
0.068 M4	0.067 M4	0.062 M4

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



0 dB = 0.076A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /25

Test Date Aug. 20, 2009

DUT: A300; Type: bar; 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/m³
 Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

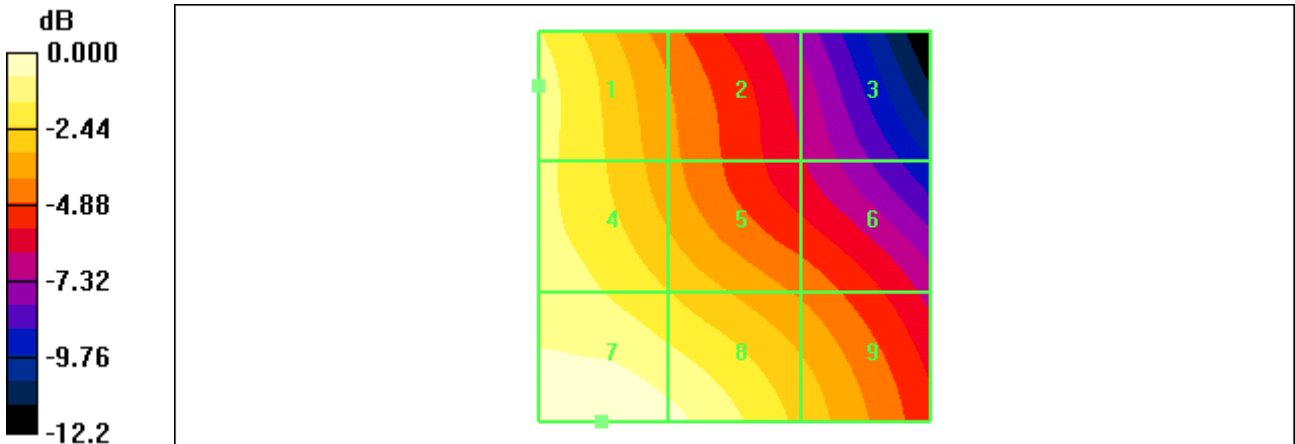
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2009-07-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.092 A/m
 Probe Modulation Factor = 0.770
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.069 A/m; Power Drift = 0.158 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.079 M4	0.060 M4	0.044 M4
Grid 4	Grid 5	Grid 6
0.080 M4	0.070 M4	0.057 M4
Grid 7	Grid 8	Grid 9
0.092 M4	0.087 M4	0.068 M4

Cursor:
 Total = 0.092 A/m
 H Category: M4
 Location: 17, 25, 369.4 mm



0 dB = 0.092A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /450

Test Date Aug. 20, 2009

DUT: A300; Type: bar; 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/m³
 Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

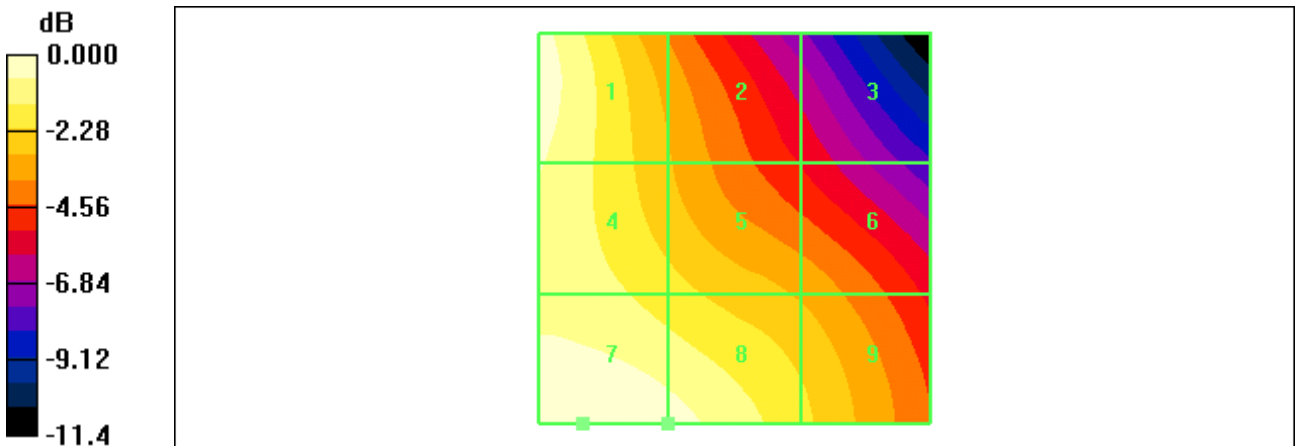
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2009-07-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.079 A/m
 Probe Modulation Factor = 0.770
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.070 A/m; Power Drift = 0.068 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.076 M4	0.056 M4	0.043 M4
Grid 4	Grid 5	Grid 6
0.073 M4	0.063 M4	0.055 M4
Grid 7	Grid 8	Grid 9
0.079 M4	0.076 M4	0.062 M4

Cursor:
 Total = 0.079 A/m
 H Category: M4
 Location: 19.5, 25, 369.4 mm



0 dB = 0.079A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.4 °C /875

Test Date Aug. 20, 2009

DUT: A300; Type: bar; 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/m³
 Phantom section: H Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

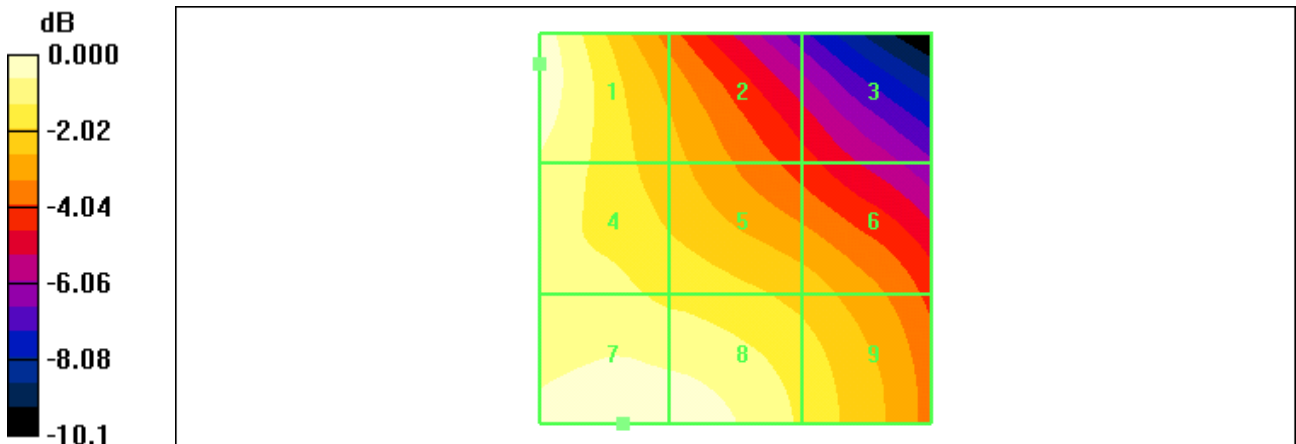
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2009-05-22
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2009-07-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.087 A/m
 Probe Modulation Factor = 0.770
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.086 A/m; Power Drift = 0.076 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.085 M4	0.066 M4	0.052 M4
Grid 4	Grid 5	Grid 6
0.080 M4	0.073 M4	0.067 M4
Grid 7	Grid 8	Grid 9
0.087 M4	0.085 M4	0.074 M4

Cursor:
 Total = 0.087 A/m
 H Category: M4
 Location: 14.5, 25, 369.4 mm



0 dB = 0.087A/m