

APPENDIX A. HAC TEST PLOTS

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.5 °C /1013
 Test Date Nov.10, 2008

DUT: A100; Type: bar; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 824.7 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³
 Phantom section: E Device Section ; Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 176

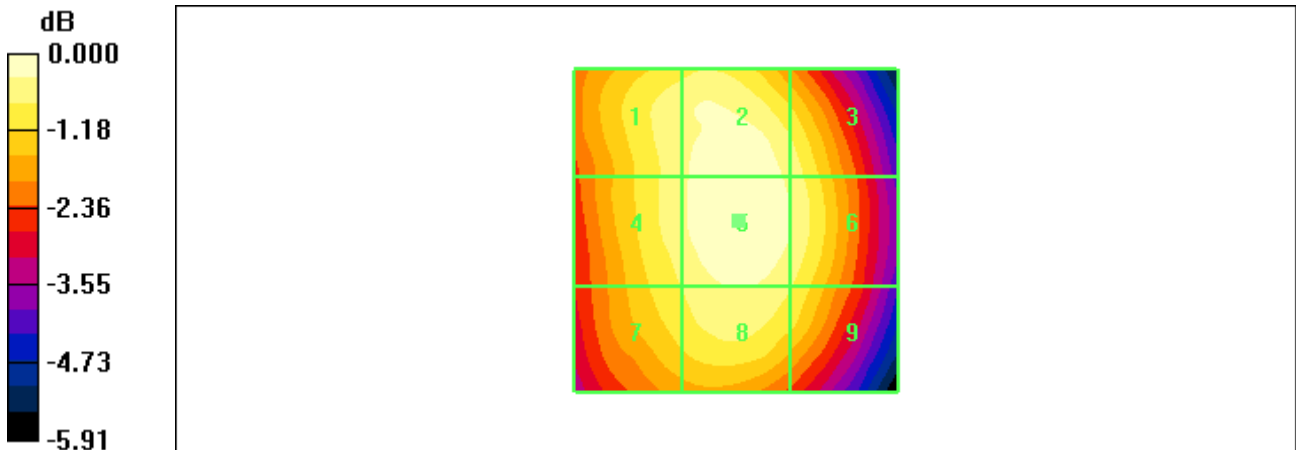
DASY4 Configuration:
 - Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2008-05-19
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2008-07-17
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 94.4 V/m
 Probe Modulation Factor = 0.959
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 139.3 V/m; Power Drift = -0.039 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 89.3 M4	Grid 2 93.7 M4	Grid 3 89.0 M4
Grid 4 89.5 M4	Grid 5 94.4 M4	Grid 6 90.3 M4
Grid 7 86.4 M4	Grid 8 90.5 M4	Grid 9 86.6 M4

Cursor:
 Total = 94.4 V/m
 E Category: M4
 Location: -0.5, -1.5, 369.9 mm



0 dB = 94.4V/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.5 °C /384
 Test Date Nov.10, 2008

DUT: A100; Type: bar; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 836.52 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ 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: 2008-05-19
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2008-07-17
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

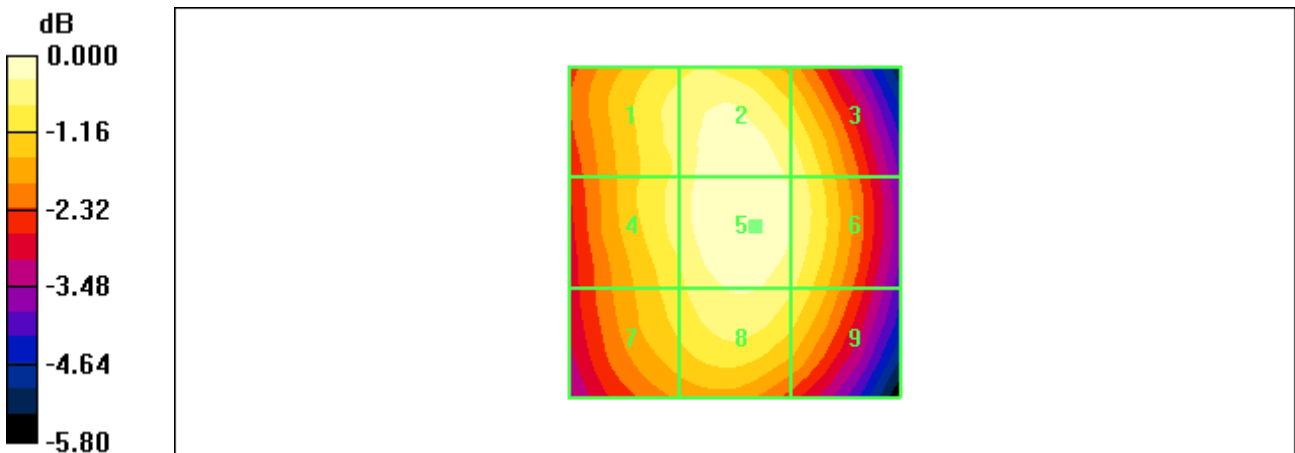
E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 91.0 V/m
 Probe Modulation Factor = 0.959
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 133.5 V/m; Power Drift = -0.017 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 85.1 M4	Grid 2 90.0 M4	Grid 3 86.1 M4
Grid 4 85.3 M4	Grid 5 91.0 M4	Grid 6 87.3 M4
Grid 7 82.2 M4	Grid 8 87.4 M4	Grid 9 83.7 M4

Cursor:
 Total = 91.0 V/m
 E Category: M4
 Location: -3, -1, 369.9 mm



Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.5 °C /777
 Test Date Nov.10, 2008

DUT: A100; Type: bar; Serial: #1

Communication System: CDMA 835MHz FCC; Frequency: 848.31 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ 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: 2008-05-19
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2008-07-17
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

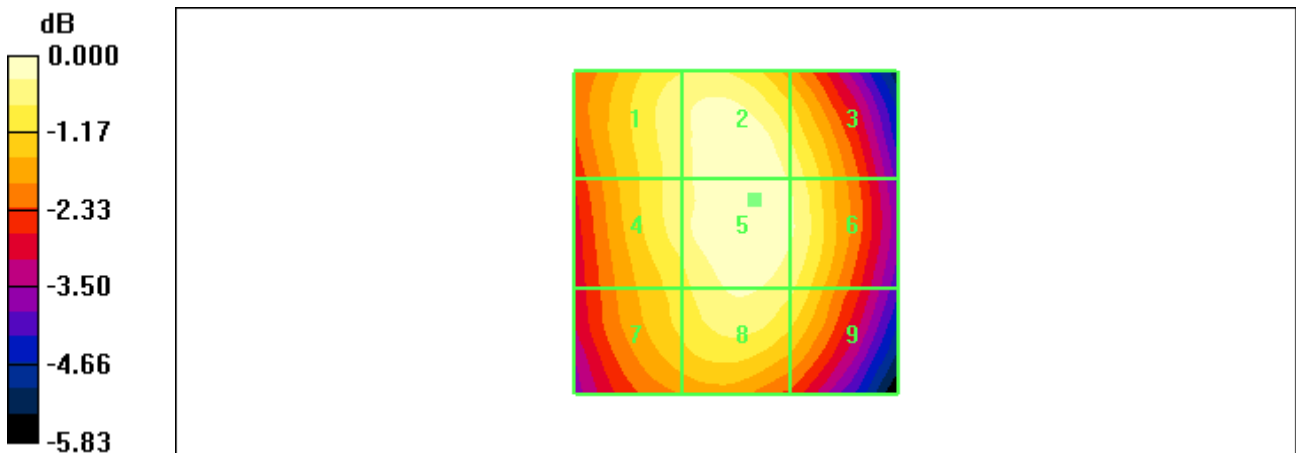
E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 86.9 V/m
 Probe Modulation Factor = 0.959
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 128.6 V/m; Power Drift = -0.010 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 82.3 M4	Grid 2 86.5 M4	Grid 3 82.3 M4
Grid 4 82.0 M4	Grid 5 86.9 M4	Grid 6 83.7 M4
Grid 7 78.2 M4	Grid 8 83.8 M4	Grid 9 80.2 M4

Cursor:
 Total = 86.9 V/m
 E Category: M4
 Location: -3, -5, 369.9 mm



0 dB = 86.9V/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.5 °C /25
 Test Date Nov.10, 2008

DUT: A100; Type: bar; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1851.25 MHz;Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ 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: 2008-05-19
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2008-07-17
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

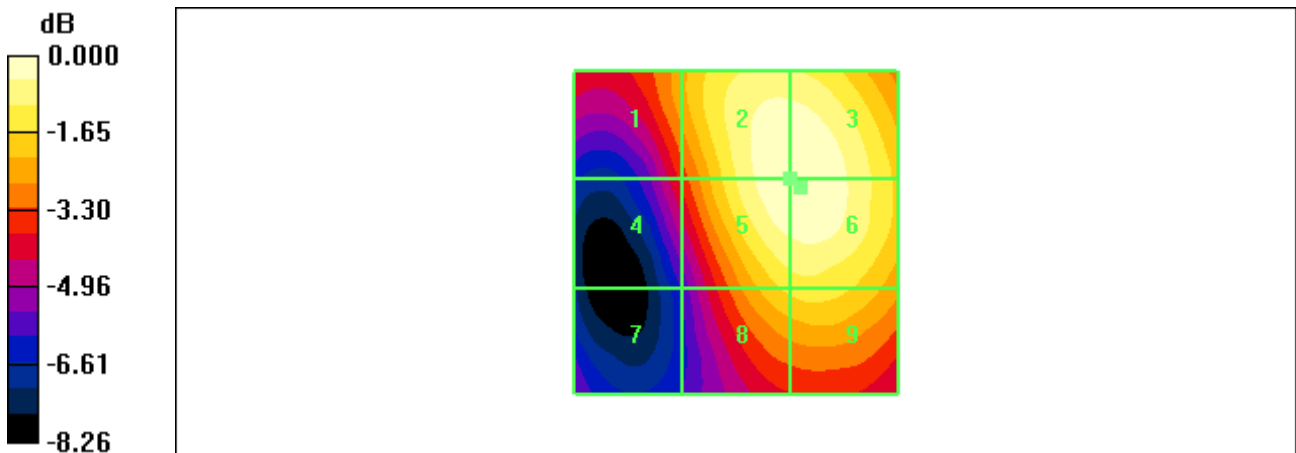
E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 57.2 V/m
 Probe Modulation Factor = 0.972
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 68.1 V/m; Power Drift = 0.064 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 43.5 M4	Grid 2 57.0 M4	Grid 3 57.1 M4
Grid 4 37.5 M4	Grid 5 57.0 M4	Grid 6 57.2 M4
Grid 7 30.8 M4	Grid 8 48.4 M4	Grid 9 49.2 M4

Cursor:
 Total = 57.2 V/m
 E Category: M4
 Location: -10, -7, 369.9 mm



0 dB = 57.2V/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.5 °C /600
 Test Date Nov.10, 2008

DUT: A100; Type: bar; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ 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: 2008-05-19
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2008-07-17
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

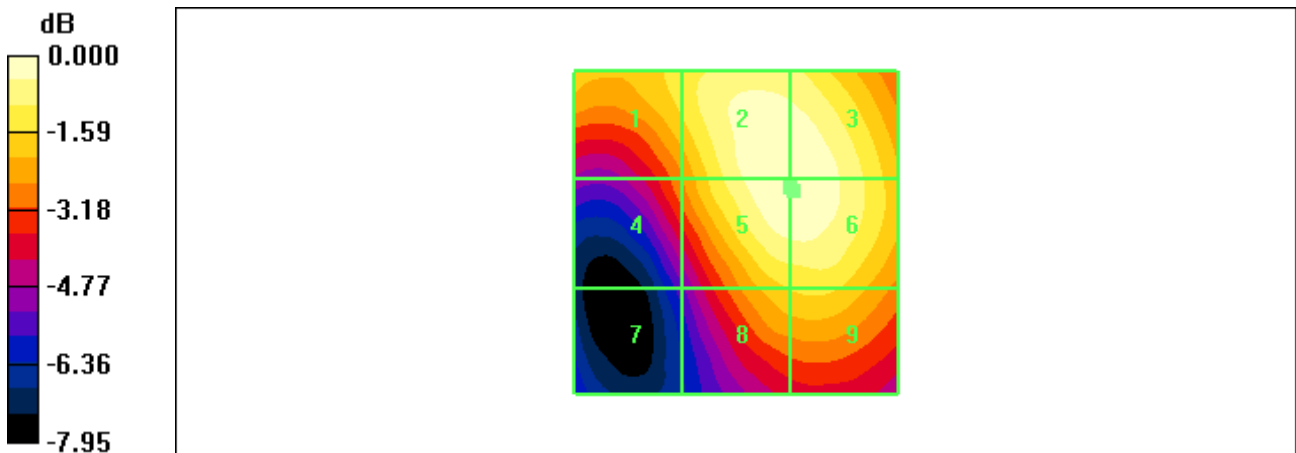
E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 57.9 V/m
 Probe Modulation Factor = 0.972
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 70.7 V/m; Power Drift = 0.018 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 49.7 M4	Grid 2 57.8 M4	Grid 3 57.8 M4
Grid 4 42.4 M4	Grid 5 57.8 M4	Grid 6 57.9 M4
Grid 7 31.0 M4	Grid 8 48.6 M4	Grid 9 49.2 M4

Cursor:
 Total = 57.9 V/m
 E Category: M4
 Location: -9, -6.5, 369.9 mm



0 dB = 57.9V/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.5 °C /1175
 Test Date Nov.10, 2008

DUT: A100; Type: bar; Serial: #1

Communication System: PCS 1900MHz FCC; Frequency: 1908.75 MHz;Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ 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: 2008-05-19
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2008-07-17
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

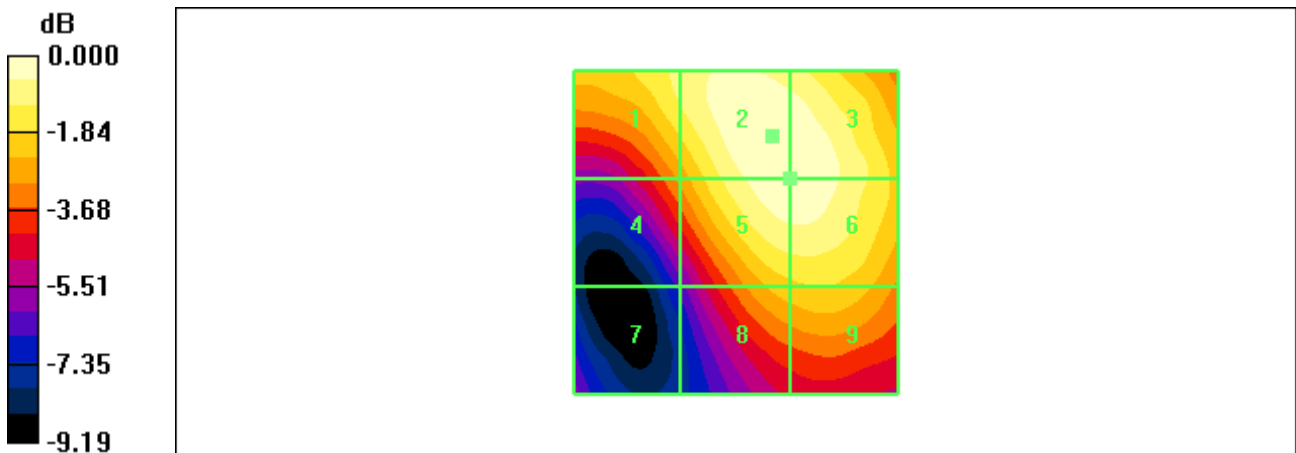
E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 56.3 V/m
 Probe Modulation Factor = 0.972
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 68.4 V/m; Power Drift = -0.065 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 50.1 M4	Grid 2 56.3 M4	Grid 3 55.9 M4
Grid 4 40.8 M4	Grid 5 55.5 M4	Grid 6 55.5 M4
Grid 7 28.7 M4	Grid 8 44.6 M4	Grid 9 45.5 M4

Cursor:
 Total = 56.3 V/m
 E Category: M4
 Location: -5.5, -15, 369.9 mm



0 dB = 56.3V/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.5 °C /25
 Test Date Nov.10, 2008

DUT: A100; 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, $\epsilon_r = 1$; $\rho = 1000$ 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: 2008-05-19
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2008-07-17
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

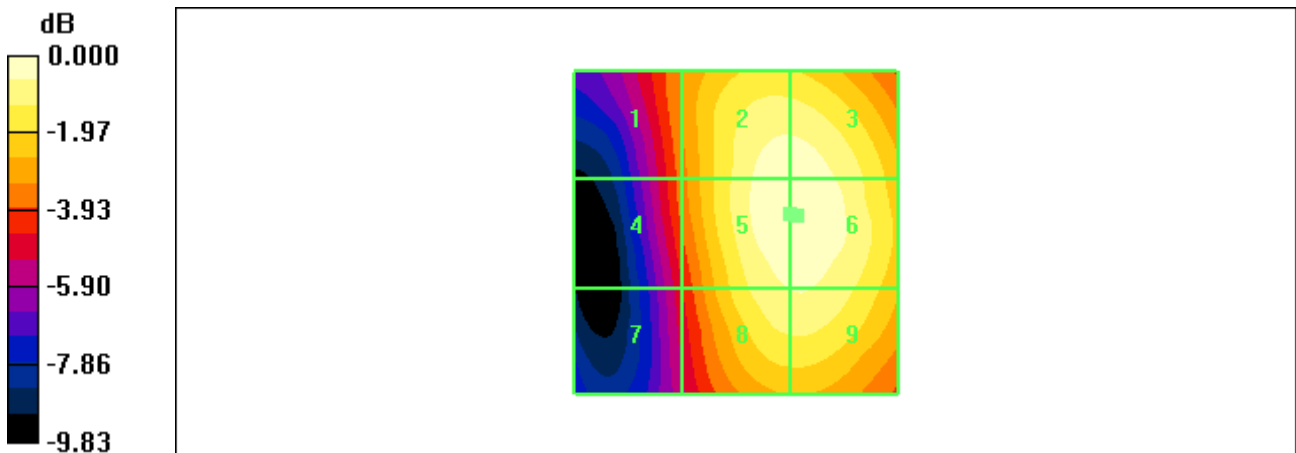
E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 45.1 V/m
 Probe Modulation Factor = 0.972
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 58.4 V/m; Power Drift = -0.020 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 31.1 M4	Grid 2 44.2 M4	Grid 3 44.2 M4
Grid 4 29.8 M4	Grid 5 45.0 M4	Grid 6 45.1 M4
Grid 7 26.4 M4	Grid 8 42.0 M4	Grid 9 42.1 M4

Cursor:
 Total = 45.1 V/m
 E Category: M4
 Location: -9.5, -2.5, 369.9 mm



0 dB = 45.1V/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.5 °C /450
 Test Date Nov.10, 2008

DUT: A100; 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, $\epsilon_r = 1$; $\rho = 1000$ 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: 2008-05-19
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2008-07-17
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

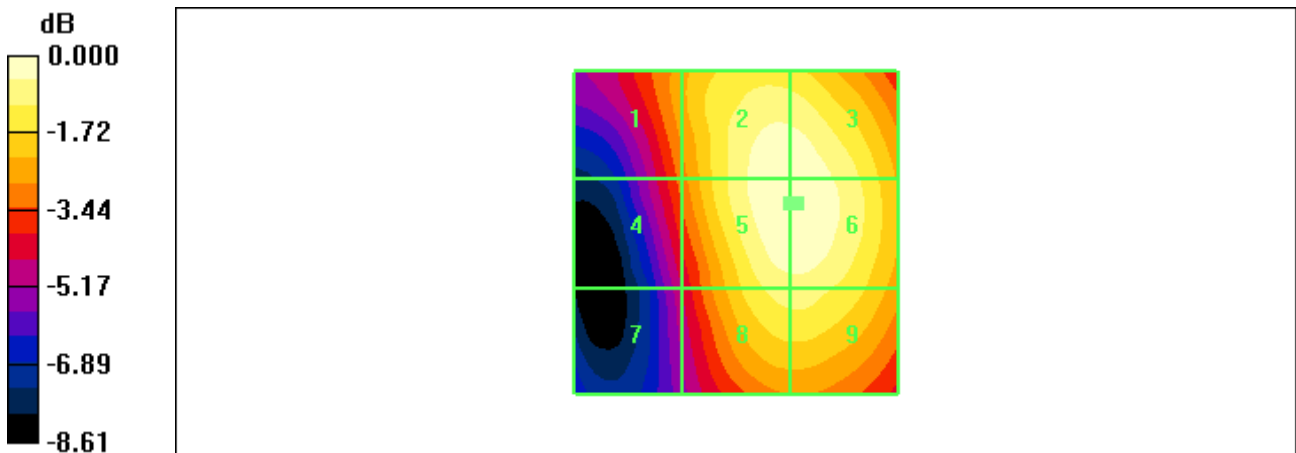
E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 49.7 V/m
 Probe Modulation Factor = 0.972
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 65.0 V/m; Power Drift = -0.043 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 37.4 M4	Grid 2 48.9 M4	Grid 3 48.9 M4
Grid 4 34.5 M4	Grid 5 49.6 M4	Grid 6 49.7 M4
Grid 7 29.3 M4	Grid 8 45.4 M4	Grid 9 45.4 M4

Cursor:
 Total = 49.7 V/m
 E Category: M4
 Location: -9.5, -4.5, 369.9 mm



0 dB = 49.7V/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.5 °C /875
 Test Date Nov.10, 2008

DUT: A100; 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, $\epsilon_r = 1$; $\rho = 1000$ 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: 2008-05-19
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2008-07-17
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

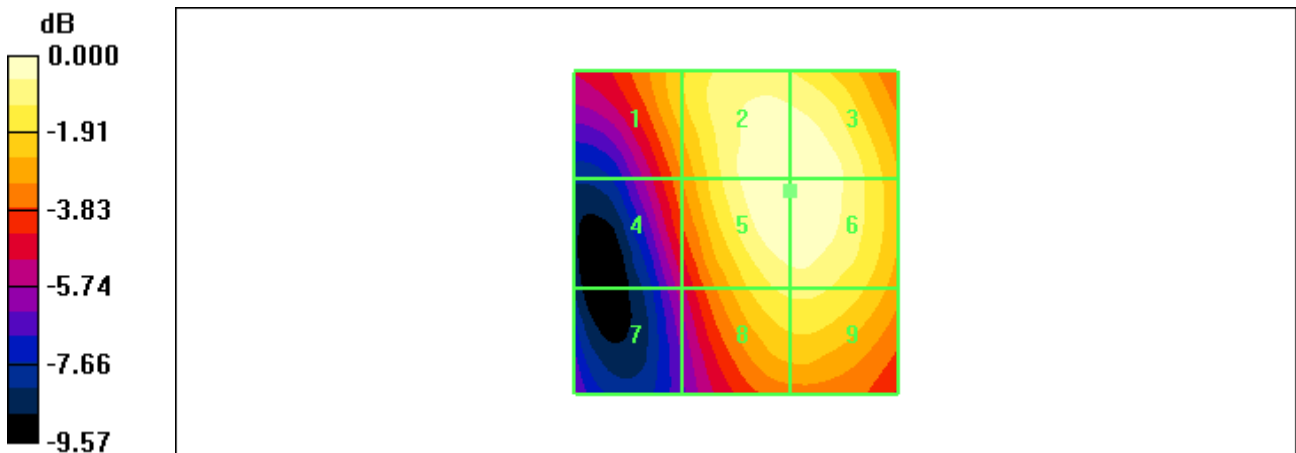
E Scan - ER3D - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 44.2 V/m
 Probe Modulation Factor = 0.972
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 56.7 V/m; Power Drift = -0.060 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1 35.1 M4	Grid 2 44.1 M4	Grid 3 44.1 M4
Grid 4 30.4 M4	Grid 5 44.2 M4	Grid 6 44.2 M4
Grid 7 23.9 M4	Grid 8 39.1 M4	Grid 9 39.2 M4

Cursor:
 Total = 44.2 V/m
 E Category: M4
 Location: -8.5, -6.5, 369.9 mm



0 dB = 44.2V/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.5 °C /1013
 Test Date Nov.10, 2008

DUT: A100; 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: 2008-05-19
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2008-07-17
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

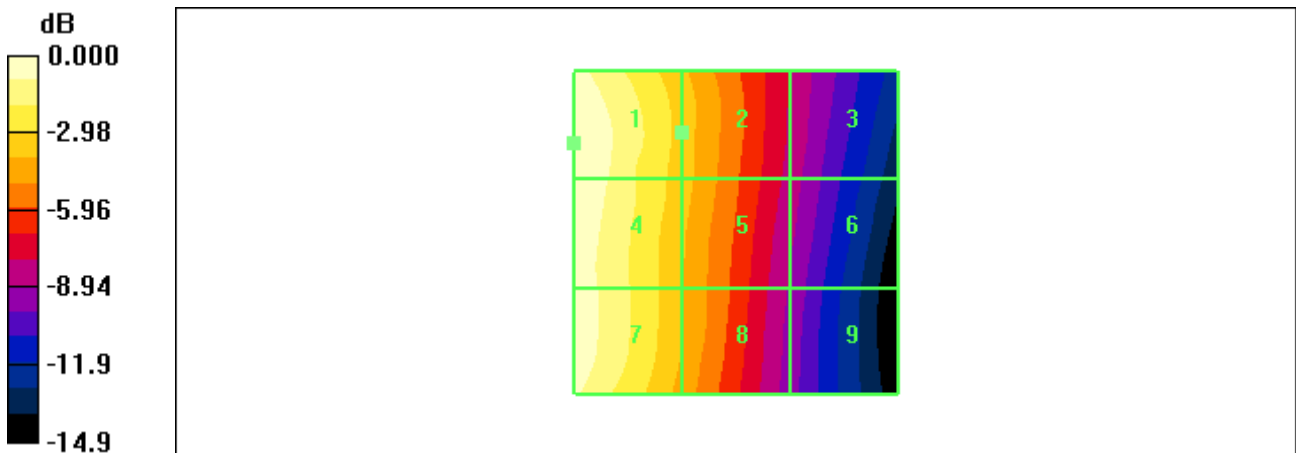
H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.152 A/m
 Probe Modulation Factor = 0.847
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.092 A/m; Power Drift = 0.046 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.152 M4	Grid 2 0.103 M4	Grid 3 0.060 M4
Grid 4 0.149 M4	Grid 5 0.102 M4	Grid 6 0.058 M4
Grid 7 0.146 M4	Grid 8 0.097 M4	Grid 9 0.053 M4

Cursor:
 Total = 0.152 A/m
 H Category: M4
 Location: 25, -14, 369.4 mm



0 dB = 0.152A/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.5 °C /384
 Test Date Nov.10, 2008

DUT: A100; 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: 2008-05-19
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2008-07-17
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

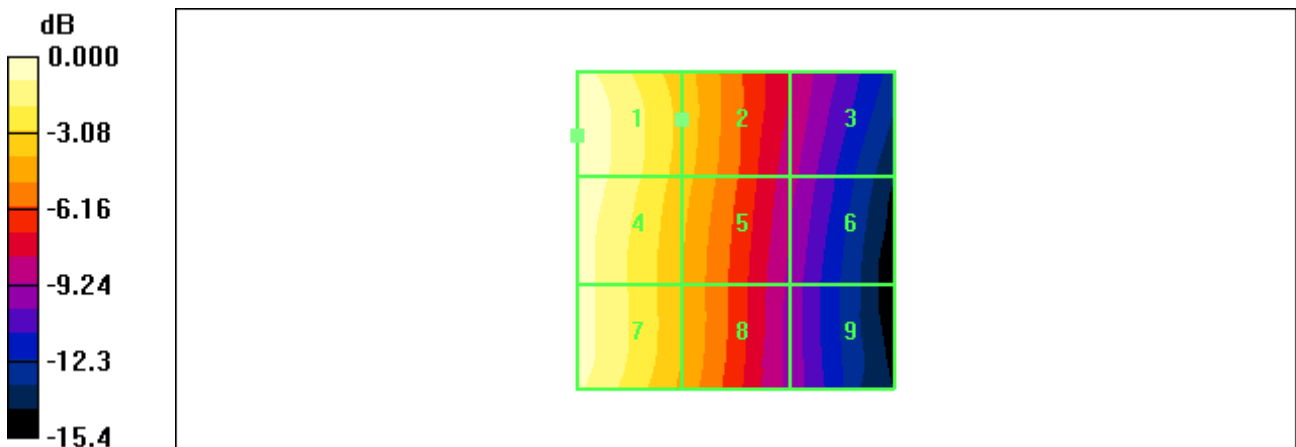
H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.150 A/m
 Probe Modulation Factor = 0.847
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.089 A/m; Power Drift = -0.151 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.150 M4	Grid 2 0.101 M4	Grid 3 0.058 M4
Grid 4 0.147 M4	Grid 5 0.099 M4	Grid 6 0.054 M4
Grid 7 0.141 M4	Grid 8 0.094 M4	Grid 9 0.050 M4

Cursor:
 Total = 0.150 A/m
 H Category: M4
 Location: 25, -15, 369.4 mm



0 dB = 0.150A/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.5 °C /777
 Test Date Nov.10, 2008

DUT: A100; 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: 2008-05-19
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2008-07-17
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

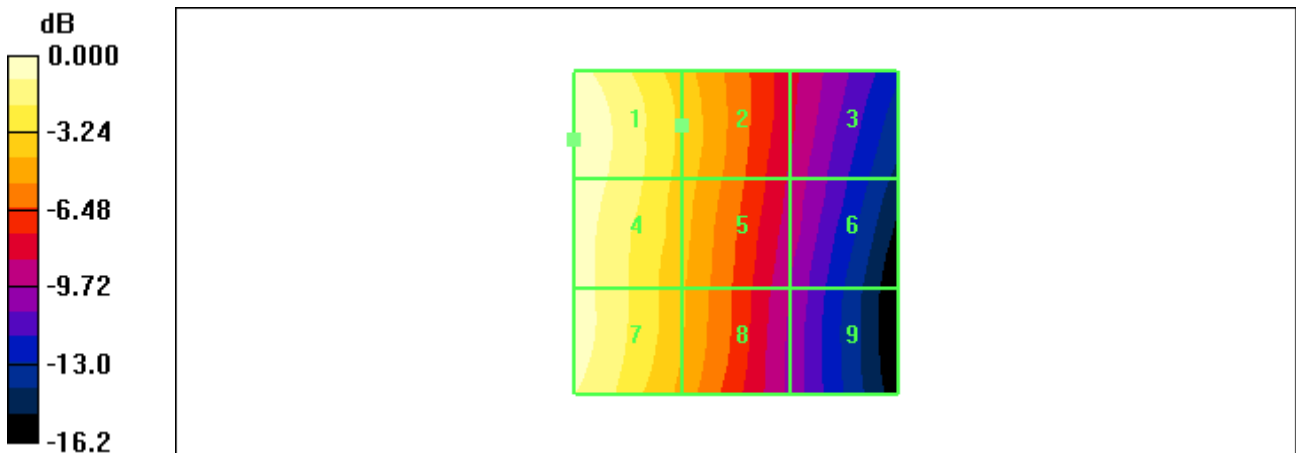
H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.149 A/m
 Probe Modulation Factor = 0.847
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.087 A/m; Power Drift = -0.015 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.149 M4	Grid 2 0.100 M4	Grid 3 0.058 M4
Grid 4 0.146 M4	Grid 5 0.098 M4	Grid 6 0.054 M4
Grid 7 0.143 M4	Grid 8 0.093 M4	Grid 9 0.049 M4

Cursor:
 Total = 0.149 A/m
 H Category: M4
 Location: 25, -14.5, 369.4 mm



0 dB = 0.149A/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.5 °C /25
 Test Date Nov.10, 2008

DUT: A100; 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: 2008-05-19
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2008-07-17
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

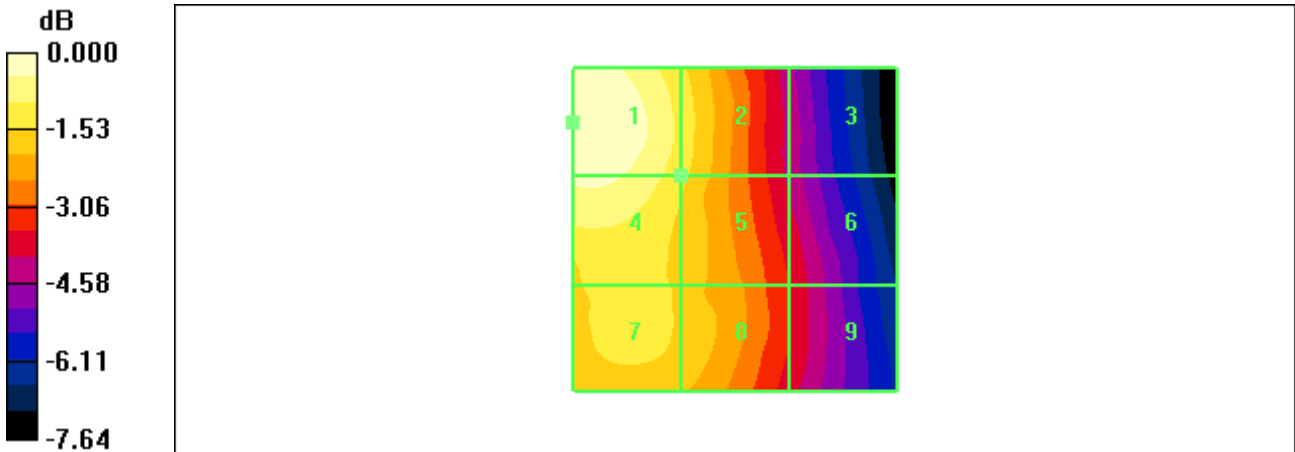
H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.136 A/m
 Probe Modulation Factor = 0.752
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.141 A/m; Power Drift = -0.012 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.136 M4	Grid 2 0.119 M4	Grid 3 0.084 M4
Grid 4 0.131 M4	Grid 5 0.116 M4	Grid 6 0.090 M4
Grid 7 0.116 M4	Grid 8 0.113 M4	Grid 9 0.090 M4

Cursor:
 Total = 0.136 A/m
 H Category: M4
 Location: 25, -16.5, 369.4 mm



0 dB = 0.136A/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.5 °C /600
 Test Date Nov.10, 2008

DUT: A100; 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: 2008-05-19
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2008-07-17
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

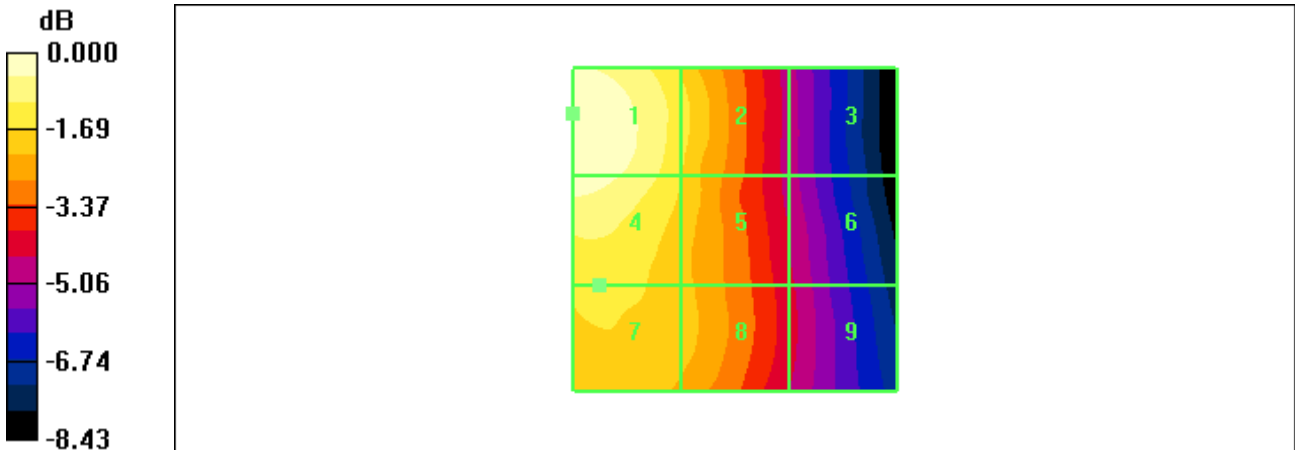
H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.142 A/m
 Probe Modulation Factor = 0.752
 Device Reference Point: 0.000, 0.000, 353.7 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 0.142 M4	Grid 2 0.121 M4	Grid 3 0.082 M4
Grid 4 0.137 M4	Grid 5 0.118 M4	Grid 6 0.086 M4
Grid 7 0.119 M4	Grid 8 0.113 M4	Grid 9 0.087 M4

Cursor:
 Total = 0.142 A/m
 H Category: M4
 Location: 25, -18, 369.4 mm



0 dB = 0.142A/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.5 °C /1175
 Test Date Nov.10, 2008

DUT: A100; 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: 2008-05-19
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2008-07-17
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

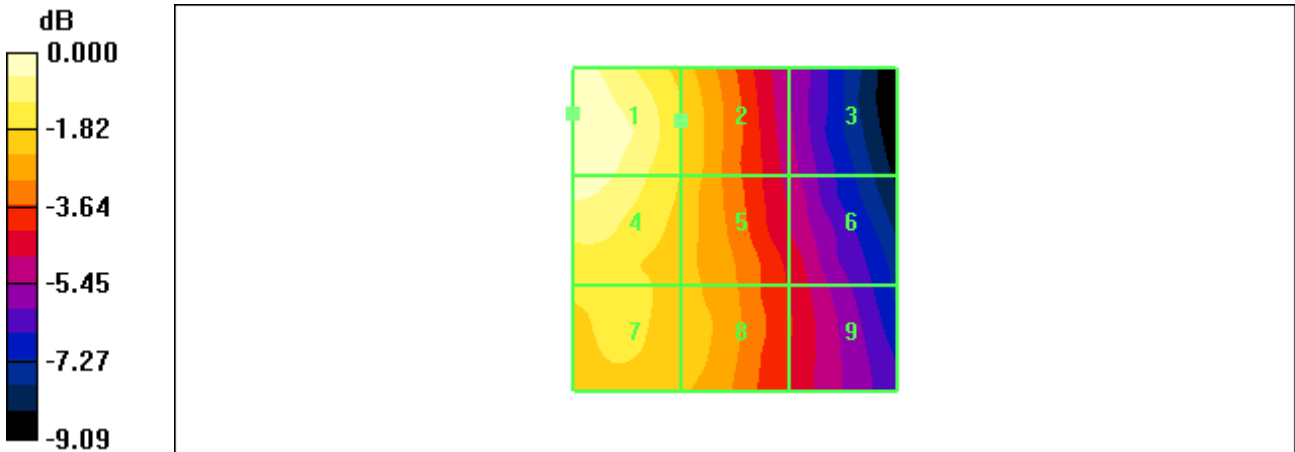
H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.140 A/m
 Probe Modulation Factor = 0.752
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.134 A/m; Power Drift = 0.051 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.140 M4	Grid 2 0.115 M4	Grid 3 0.078 M4
Grid 4 0.136 M4	Grid 5 0.114 M4	Grid 6 0.085 M4
Grid 7 0.116 M4	Grid 8 0.110 M4	Grid 9 0.087 M4

Cursor:
 Total = 0.140 A/m
 H Category: M4
 Location: 25, -18, 369.4 mm



0 dB = 0.140A/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.5 °C / 25
 Test Date Nov.10, 2008

DUT: A100; 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: 2008-05-19
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2008-07-17
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

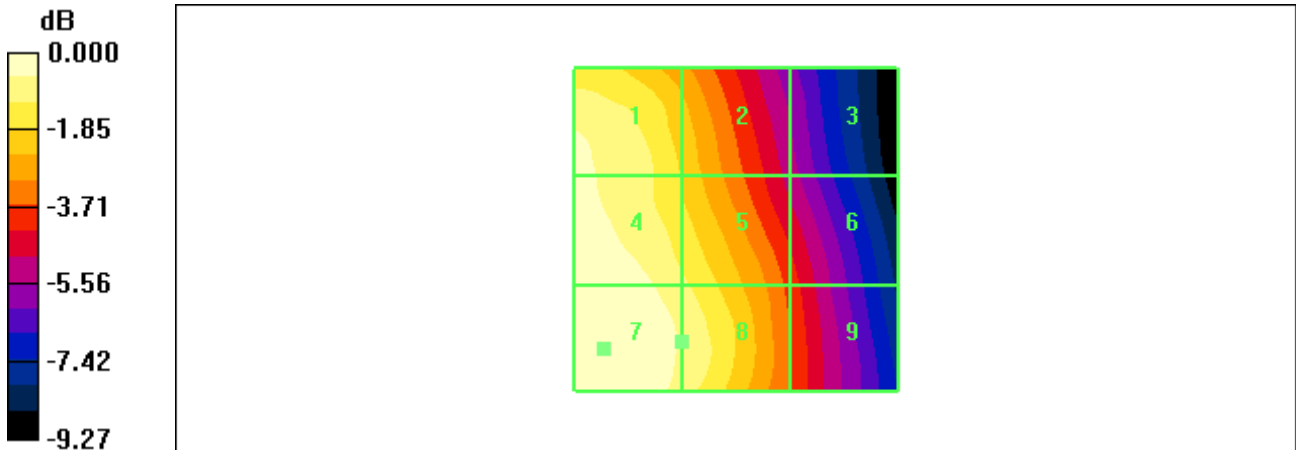
H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.097 A/m
 Probe Modulation Factor = 0.752
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.098 A/m; Power Drift = 0.095 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.092 M4	Grid 2 0.078 M4	Grid 3 0.053 M4
Grid 4 0.094 M4	Grid 5 0.086 M4	Grid 6 0.061 M4
Grid 7 0.097 M4	Grid 8 0.090 M4	Grid 9 0.064 M4

Cursor:
 Total = 0.097 A/m
 H Category: M4
 Location: 20.5, 18.5, 369.4 mm



0 dB = 0.097A/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.5 °C /450
 Test Date Nov.10, 2008

DUT: A100; 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: 2008-05-19
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2008-07-17
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

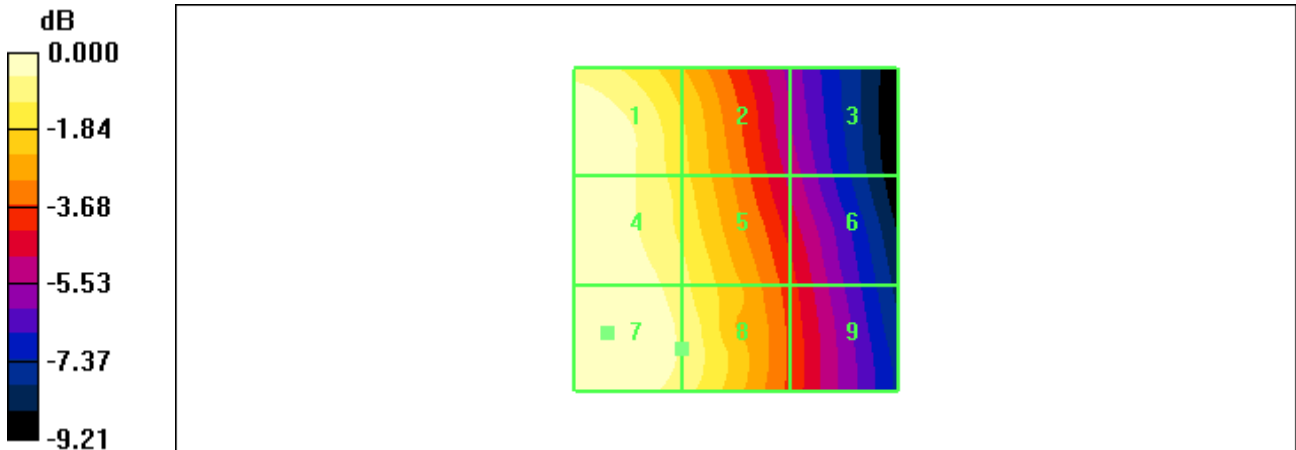
H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.108 A/m
 Probe Modulation Factor = 0.752
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.111 A/m; Power Drift = -0.046 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.108 M4	Grid 2 0.090 M4	Grid 3 0.060 M4
Grid 4 0.107 M4	Grid 5 0.096 M4	Grid 6 0.068 M4
Grid 7 0.108 M4	Grid 8 0.100 M4	Grid 9 0.070 M4

Cursor:
 Total = 0.108 A/m
 H Category: M4
 Location: 20, 16, 369.4 mm



0 dB = 0.108A/m

Test Laboratory: HCT CO., LTD.
 Ambient Temperature / Channel 21.5 °C /875
 Test Date Nov.10, 2008

DUT: A100; 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: 2008-05-19
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn466; Calibrated: 2008-07-17
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

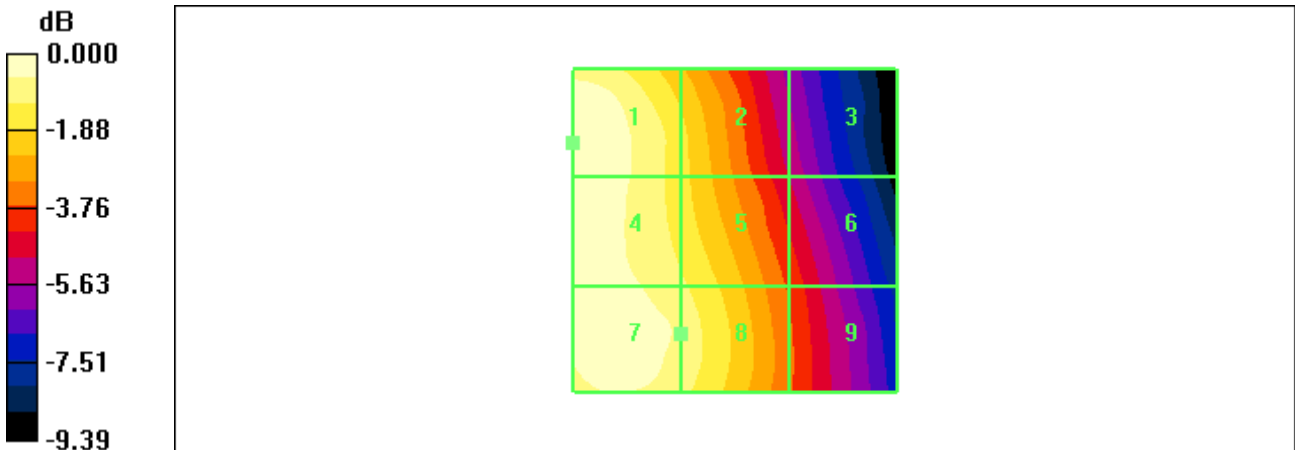
H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.104 A/m
 Probe Modulation Factor = 0.752
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.106 A/m; Power Drift = 0.055 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.104 M4	0.086 M4	0.058 M4
Grid 4	Grid 5	Grid 6
0.103 M4	0.091 M4	0.067 M4
Grid 7	Grid 8	Grid 9
0.101 M4	0.095 M4	0.069 M4

Cursor:
 Total = 0.104 A/m
 H Category: M4
 Location: 25, -13.5, 369.4 mm



0 dB = 0.104A/m