

APPENDIX A. HAC TEST PLOTS

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /128

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
 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 184

DASY4 Configuration:
 - Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - 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 = 124.1 V/m
 Probe Modulation Factor = 2.71
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 60.2 V/m; Power Drift = -0.144 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak E-field in V/m

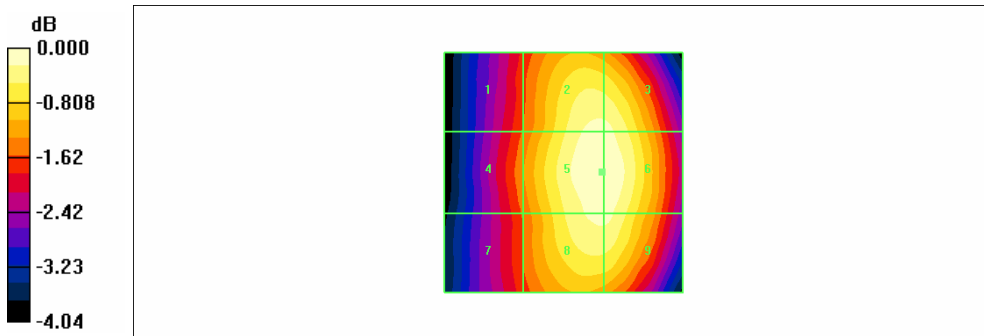
Grid 1	Grid 2	Grid 3
103.6 M4	121.6 M4	121.6 M4
Grid 4	Grid 5	Grid 6
106.0 M4	124.1 M4	124.0 M4
Grid 7	Grid 8	Grid 9
103.7 M4	121.5 M4	121.5 M4

Cursor:

Total = 124.1 V/m

E Category: M4

Location: -8, 0, 369.9 mm



0 dB = 124.1V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /190

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
 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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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 = 126.2 V/m
 Probe Modulation Factor = 2.71
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 62.4 V/m; Power Drift = 0.002 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak E-field in V/m

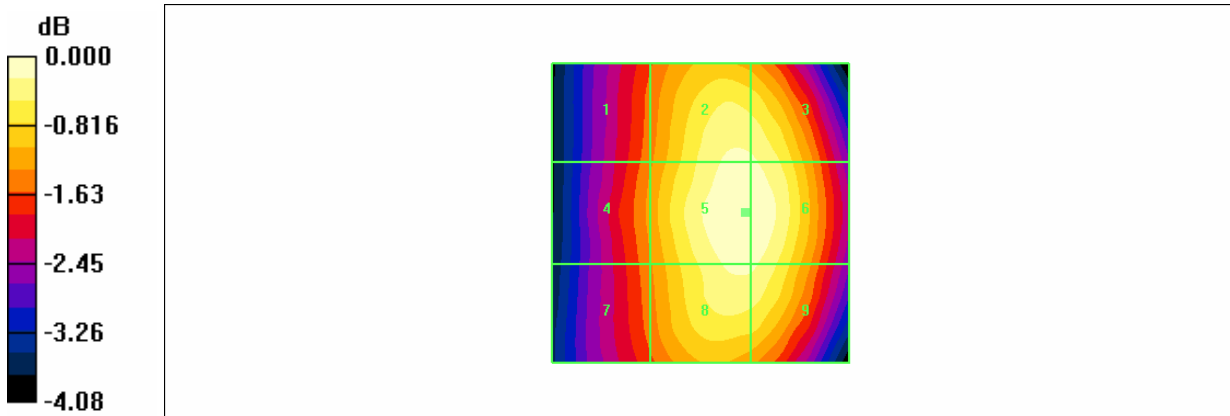
Grid 1	Grid 2	Grid 3
107.3 M4	123.3 M4	123.0 M4
Grid 4	Grid 5	Grid 6
109.2 M4	126.2 M4	126.1 M4
Grid 7	Grid 8	Grid 9
107.5 M4	123.3 M4	123.1 M4

Cursor:

Total = 126.2 V/m

E Category: M4

Location: -7.5, 0, 369.9 mm



0 dB = 126.2V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /251

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
 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 184

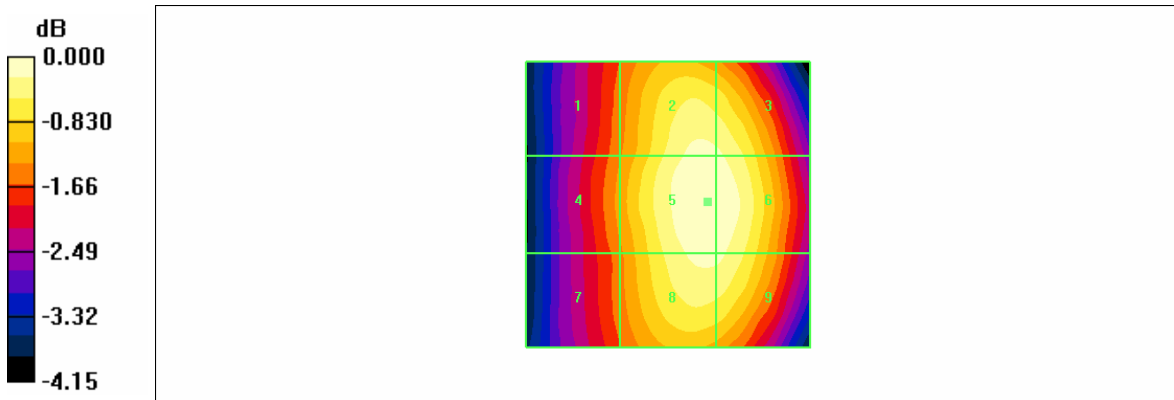
DASY4 Configuration:
 - Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 112.2 V/m
 Probe Modulation Factor = 2.71
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 54.7 V/m; Power Drift = 0.172 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
95.4 M4	110.0 M4	109.5 M4
Grid 4	Grid 5	Grid 6
97.0 M4	112.2 M4	112.0 M4
Grid 7	Grid 8	Grid 9
94.9 M4	109.8 M4	109.6 M4

Cursor:
 Total = 112.2 V/m
 E Category: M4
 Location: -7, -0.5, 369.9 mm



0 dB = 112.2V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /512

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
 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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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):

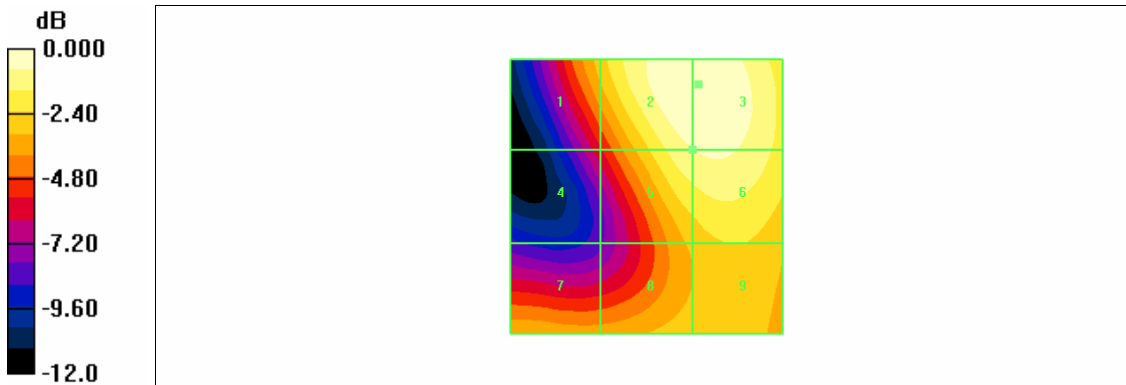
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 66.1 V/m
 Probe Modulation Factor = 2.61
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 23.0 V/m; Power Drift = 0.013 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
48.1 M3	66.0 M3	66.1 M3
Grid 4	Grid 5	Grid 6
34.2 M4	60.1 M3	61.4 M3
Grid 7	Grid 8	Grid 9
45.0 M4	48.0 M3	50.3 M3

Cursor:

Total = 66.1 V/m
 E Category: M3
 Location: -9.5, -20.5, 369.9 mm



0 dB = 66.1V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /661

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
 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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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):

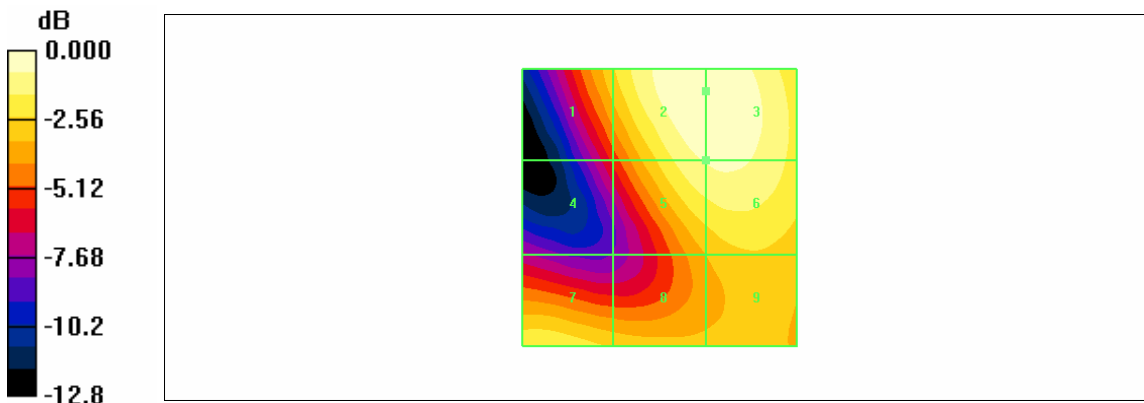
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 66.6 V/m
 Probe Modulation Factor = 2.61
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 23.2 V/m; Power Drift = 0.053 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
49.0 M3	66.6 M3	66.6 M3
Grid 4	Grid 5	Grid 6
34.6 M4	60.8 M3	61.8 M3
Grid 7	Grid 8	Grid 9
54.4 M3	49.1 M3	49.3 M3

Cursor:

Total = 66.6 V/m
 E Category: M3
 Location: -8.5, -21, 369.9 mm



Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /810

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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 = 68.2 V/m

Probe Modulation Factor = 2.61

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 19.8 V/m; Power Drift = 0.048 dB

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

Peak E-field in V/m

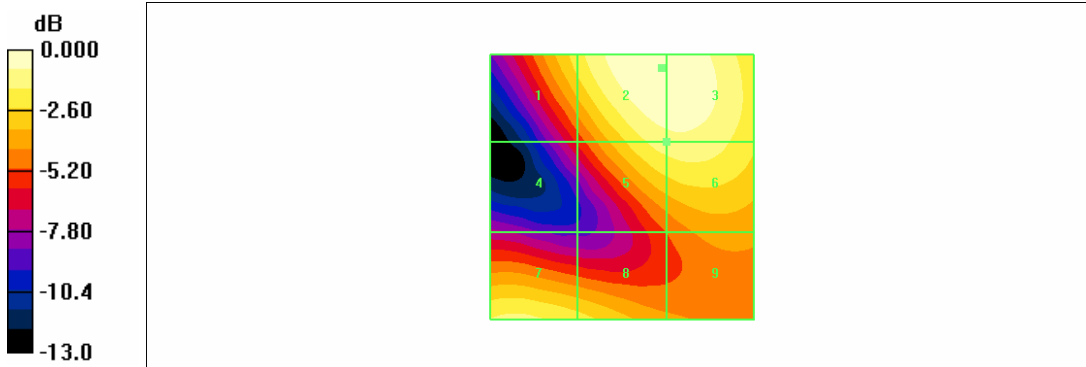
Grid 1	Grid 2	Grid 3
53.5 M3	68.2 M3	68.1 M3
Grid 4	Grid 5	Grid 6
34.7 M4	59.0 M3	59.9 M3
Grid 7	Grid 8	Grid 9
57.7 M3	53.0 M3	43.4 M4

Cursor:

Total = 68.2 V/m

E Category: M3

Location: -7.5, -22.5, 369.9 mm



0 dB = 68.2V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /128

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
 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 184

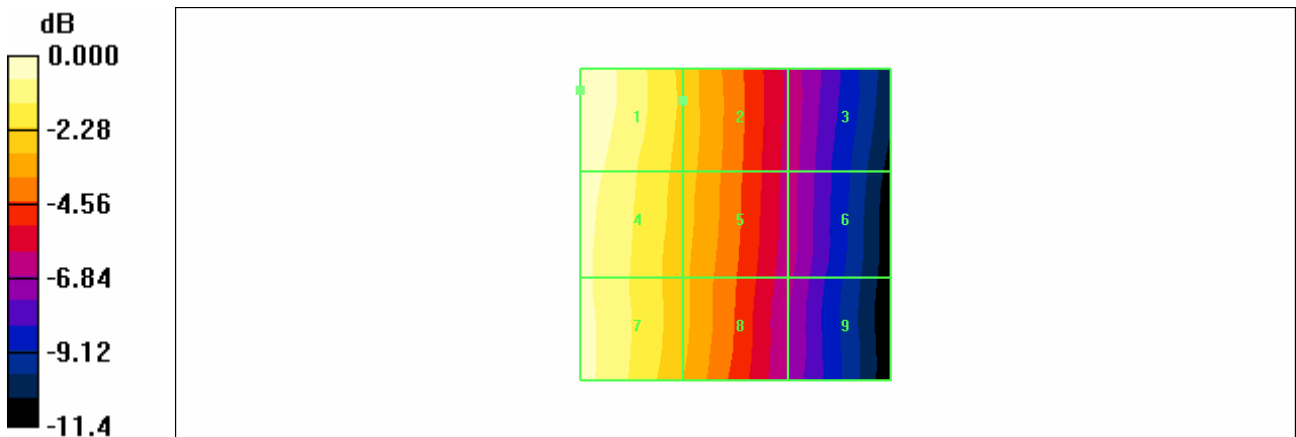
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.201 A/m
 Probe Modulation Factor = 2.12
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.061 A/m; Power Drift = -0.031 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.201 M4	0.152 M4	0.098 M4
Grid 4	Grid 5	Grid 6
0.193 M4	0.149 M4	0.097 M4
Grid 7	Grid 8	Grid 9
0.191 M4	0.145 M4	0.094 M4

Cursor:
 Total = 0.201 A/m
 H Category: M4
 Location: 25, -21.5, 369.4 mm



0 dB = 0.201A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /190

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
 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 184

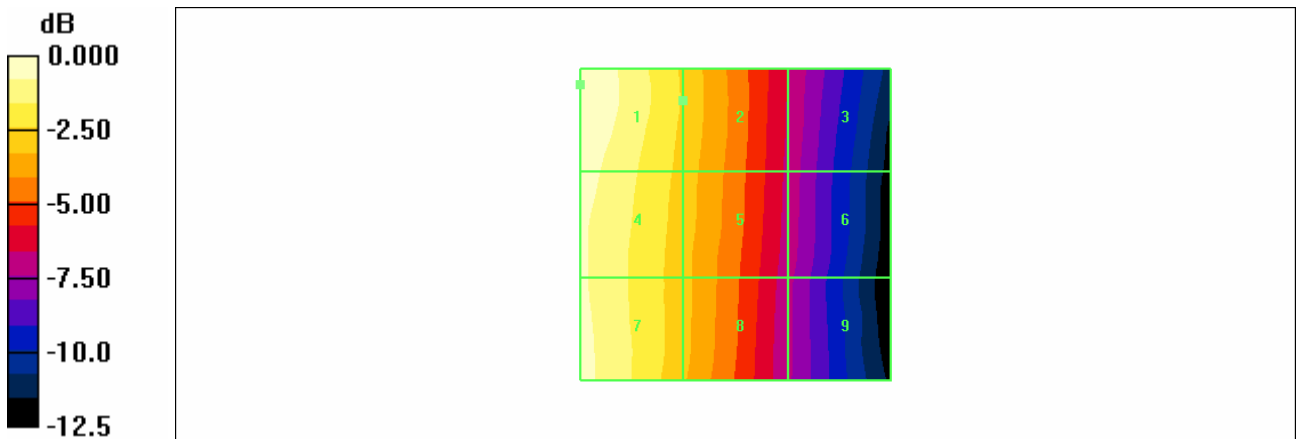
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.220 A/m
 Probe Modulation Factor = 2.12
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.065 A/m; Power Drift = -0.005 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.220 M4	0.164 M4	0.102 M4
Grid 4	Grid 5	Grid 6
0.209 M4	0.159 M4	0.100 M4
Grid 7	Grid 8	Grid 9
0.207 M4	0.155 M4	0.096 M4

Cursor:
 Total = 0.220 A/m
 H Category: M4
 Location: 25, -22.5, 369.4 mm



0 dB = 0.220A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /251

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

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 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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 = 0.181 A/m

Probe Modulation Factor = 2.12

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.053 A/m; Power Drift = -0.072 dB

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

Peak H-field in A/m

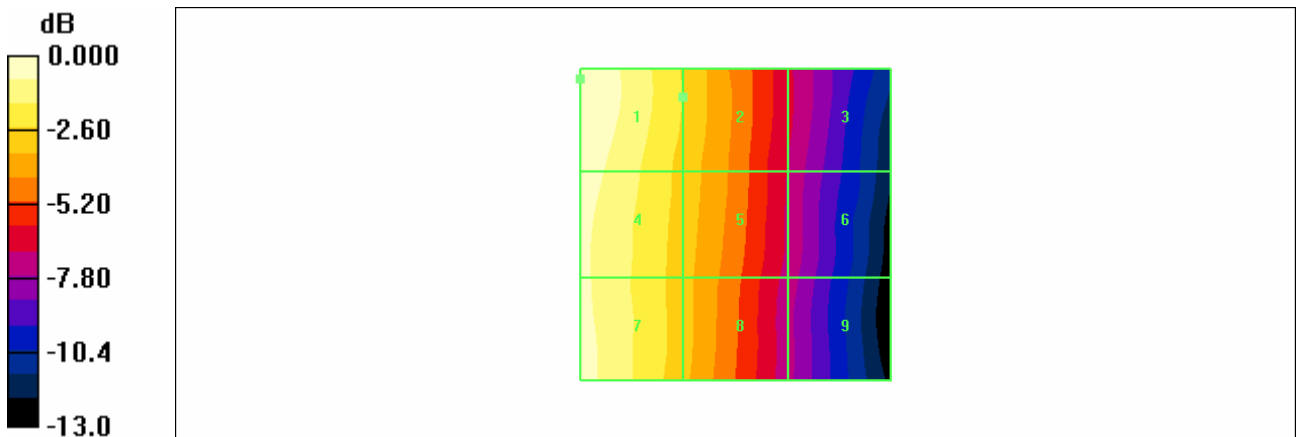
Grid 1	Grid 2	Grid 3
0.181 M4	0.134 M4	0.084 M4
Grid 4	Grid 5	Grid 6
0.173 M4	0.130 M4	0.081 M4
Grid 7	Grid 8	Grid 9
0.171 M4	0.127 M4	0.078 M4

Cursor:

Total = 0.181 A/m

H Category: M4

Location: 25, -23.5, 369.4 mm



0 dB = 0.181A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /512

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
 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 184

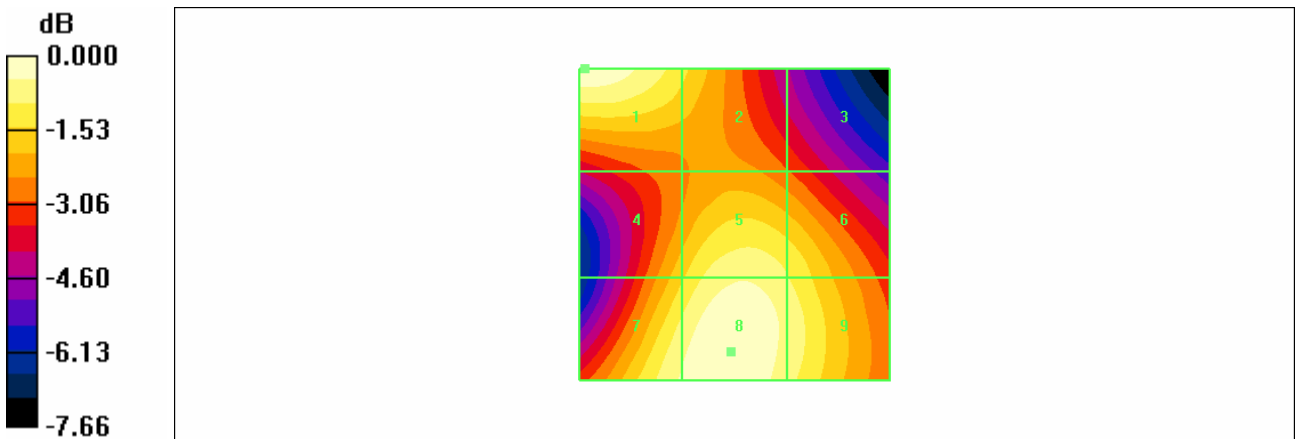
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.165 A/m
 Probe Modulation Factor = 2.27
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.073 A/m; Power Drift = -0.014 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.163 M3	0.141 M3	0.117 M4
Grid 4	Grid 5	Grid 6
0.137 M4	0.155 M3	0.147 M3
Grid 7	Grid 8	Grid 9
0.157 M3	0.165 M3	0.153 M3

Cursor:
 Total = 0.165 A/m
 H Category: M3
 Location: 0.5, 20.5, 369.4 mm



0 dB = 0.165A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /661

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

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 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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 = 0.176 A/m

Probe Modulation Factor = 2.27

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.073 A/m; Power Drift = -0.002 dB

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

Peak H-field in A/m

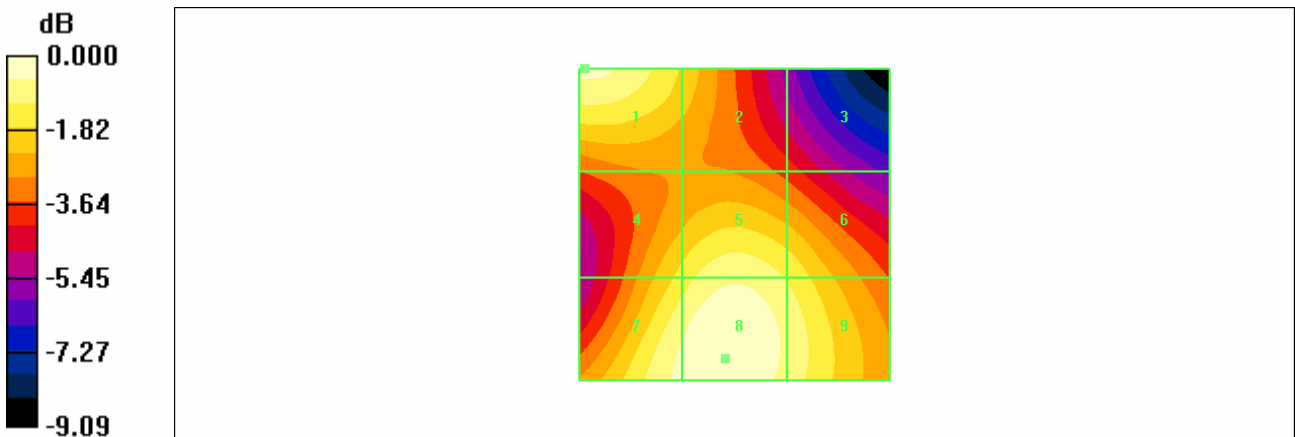
Grid 1	Grid 2	Grid 3
0.167 M3	0.142 M3	0.113 M4
Grid 4	Grid 5	Grid 6
0.147 M3	0.162 M3	0.152 M3
Grid 7	Grid 8	Grid 9
0.168 M3	0.176 M3	0.162 M3

Cursor:

Total = 0.176 A/m

H Category: M3

Location: 1.5, 21.5, 369.4 mm



0 dB = 0.176A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /810

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
 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 184

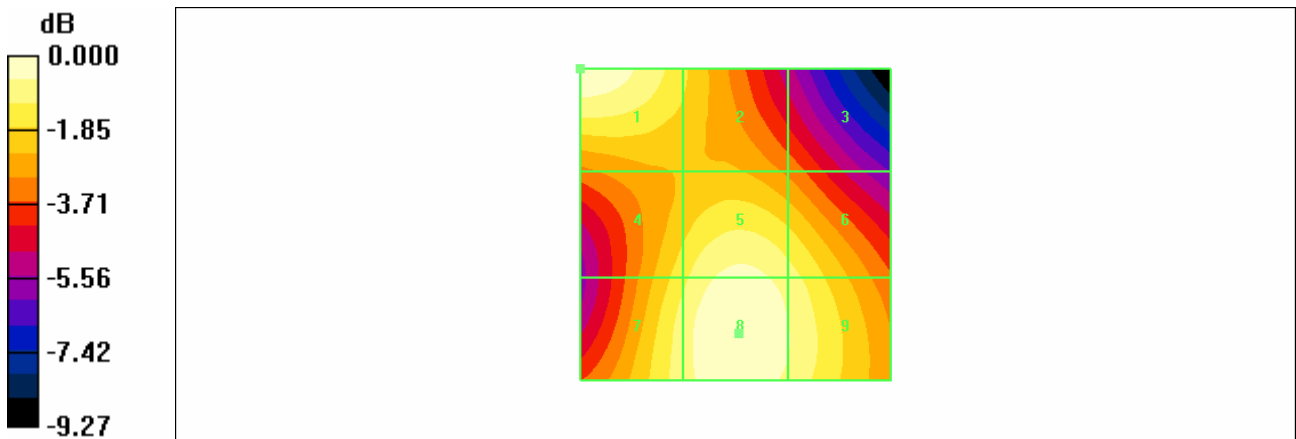
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.177 A/m
 Probe Modulation Factor = 2.27
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.078 A/m; Power Drift = 0.056 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.175 M3	0.146 M3	0.122 M4
Grid 4	Grid 5	Grid 6
0.150 M3	0.168 M3	0.159 M3
Grid 7	Grid 8	Grid 9
0.160 M3	0.177 M3	0.166 M3

Cursor:
 Total = 0.177 A/m
 H Category: M3
 Location: -0.5, 17.5, 369.4 mm



0 dB = 0.177A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /128

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3
 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 184

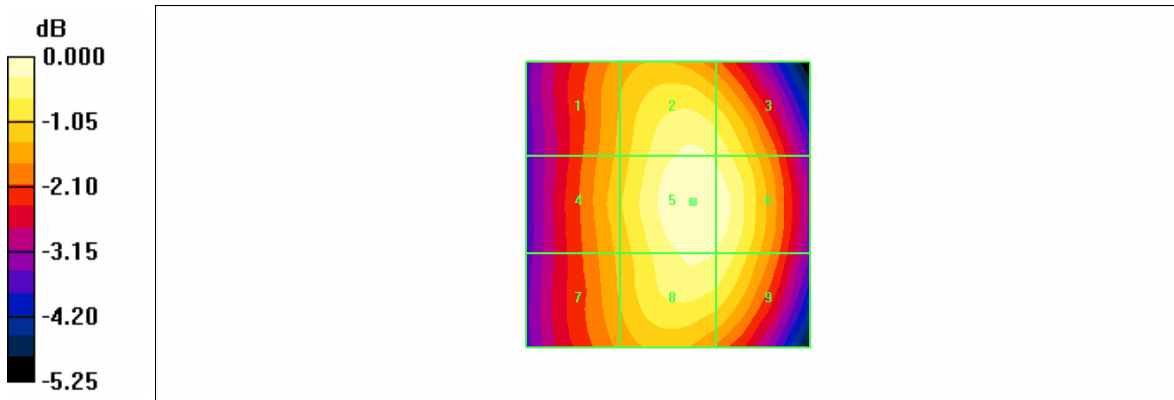
DASY4 Configuration:
 - Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 152.1 V/m
 Probe Modulation Factor = 2.71
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 80.0 V/m; Power Drift = 0.020 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
131.4 M4	147.8 M4	144.9 M4
Grid 4	Grid 5	Grid 6
134.0 M4	152.1 M3	150.4 M3
Grid 7	Grid 8	Grid 9
131.3 M4	147.4 M4	145.7 M4

Cursor:
 Total = 152.1 V/m
 E Category: M3
 Location: -4.5, -0.5, 369.9 mm



0 dB = 152.1V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /190

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
 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 184

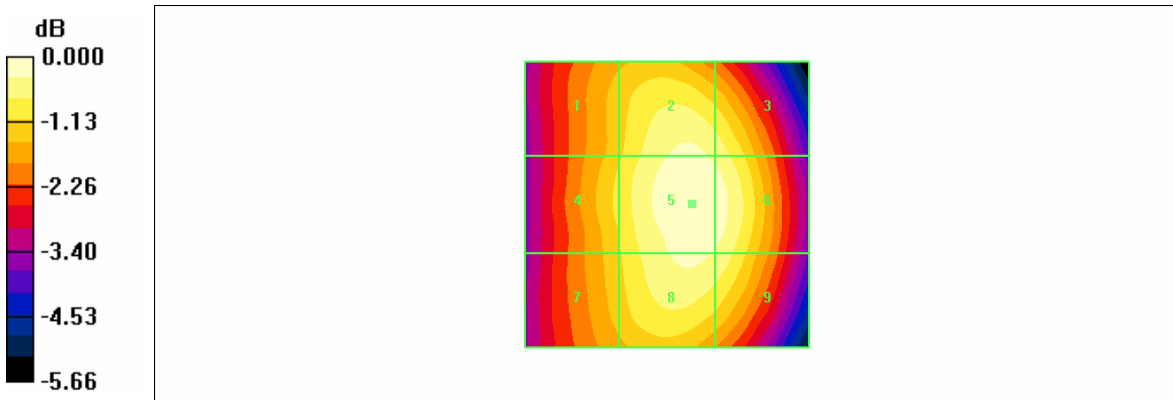
DASY4 Configuration:
 - Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 195.5 V/m
 Probe Modulation Factor = 2.71
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 102.4 V/m; Power Drift = 0.125 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
170.2 M3	189.7 M3	185.4 M3
Grid 4	Grid 5	Grid 6
174.4 M3	195.5 M3	192.3 M3
Grid 7	Grid 8	Grid 9
170.7 M3	189.7 M3	186.6 M3

Cursor:
 Total = 195.5 V/m
 E Category: M3
 Location: -4.5, 0, 369.9 mm



0 dB = 195.5V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /251

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
 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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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):

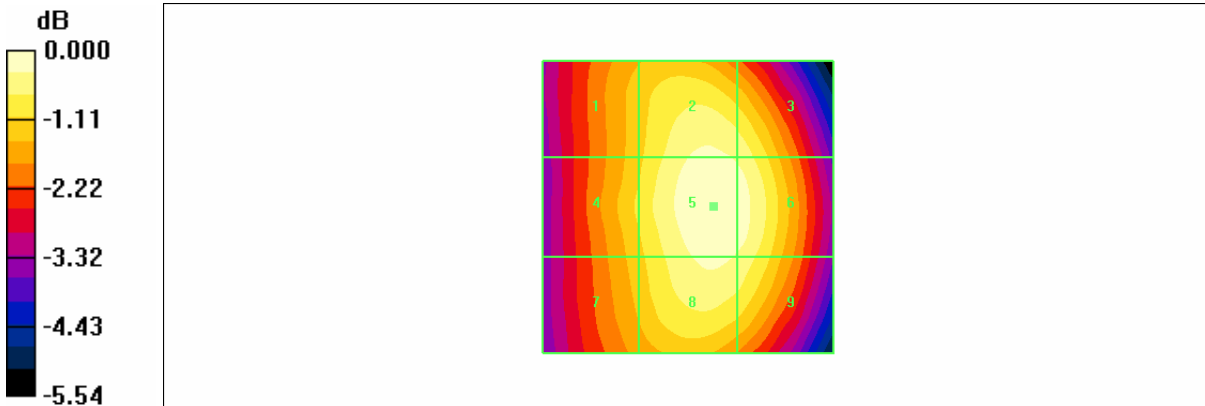
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 163.6 V/m
 Probe Modulation Factor = 2.71
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 85.9 V/m; Power Drift = 0.022 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
142.6 M4	158.7 M3	155.8 M3
Grid 4	Grid 5	Grid 6
145.4 M4	163.6 M3	161.0 M3
Grid 7	Grid 8	Grid 9
142.1 M4	158.7 M3	156.0 M3

Cursor:

Total = 163.6 V/m
 E Category: M3
 Location: -4.5, 0, 369.9 mm



0 dB = 163.6V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /512

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
 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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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):

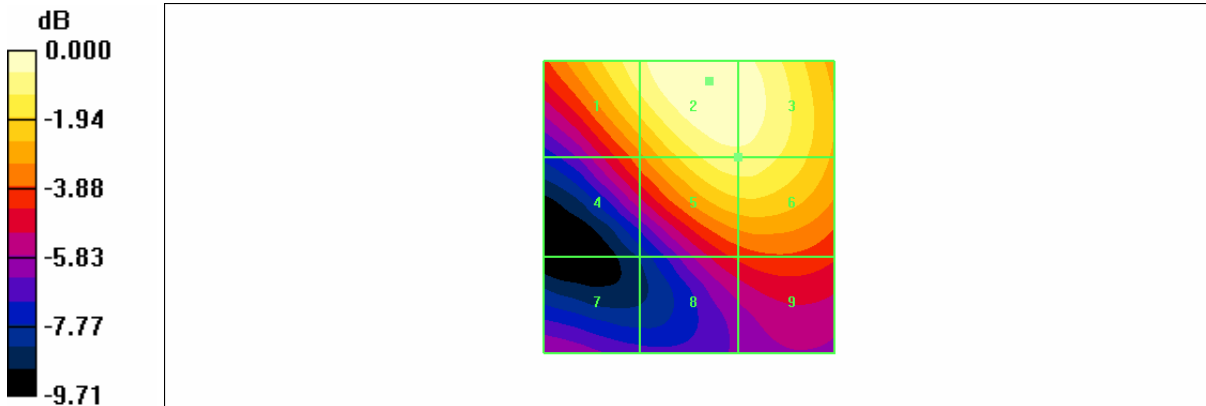
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 74.0 V/m
 Probe Modulation Factor = 2.61
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 25.4 V/m; Power Drift = -0.019 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
67.3 M3	74.0 M3	72.6 M3
Grid 4	Grid 5	Grid 6
49.9 M3	67.1 M3	67.1 M3
Grid 7	Grid 8	Grid 9
37.9 M4	45.0 M4	47.0 M4

Cursor:

Total = 74.0 V/m
 E Category: M3
 Location: -3.5, -21.5, 369.9 mm



0 dB = 74.0V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /661

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3
 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 184

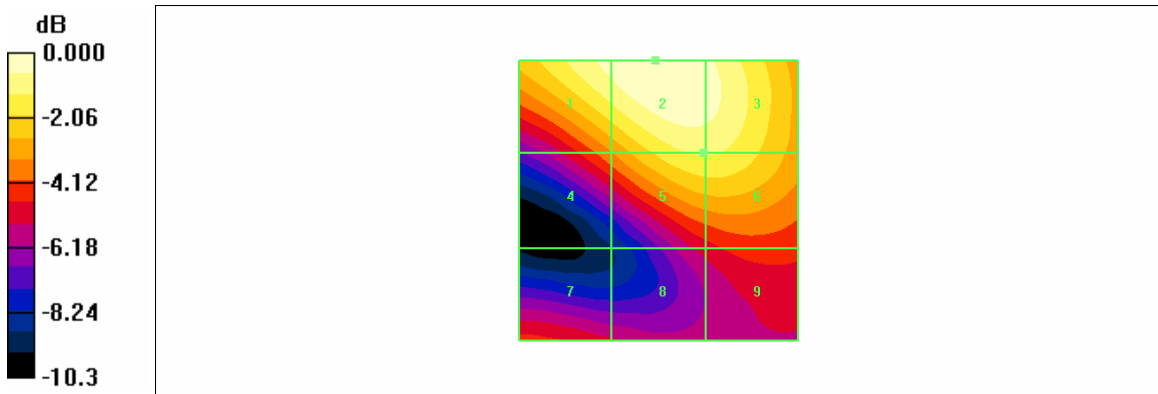
DASY4 Configuration:
 - Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 2.61
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 21.9 V/m; Power Drift = 0.056 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
67.6 M3	70.9 M3	67.7 M3
Grid 4	Grid 5	Grid 6
47.5 M3	61.0 M3	61.0 M3
Grid 7	Grid 8	Grid 9
42.1 M4	39.4 M4	42.5 M4

Cursor:
 Total = 70.9 V/m
 E Category: M3
 Location: 0.5, -25, 369.9 mm



Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /810

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
 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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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):

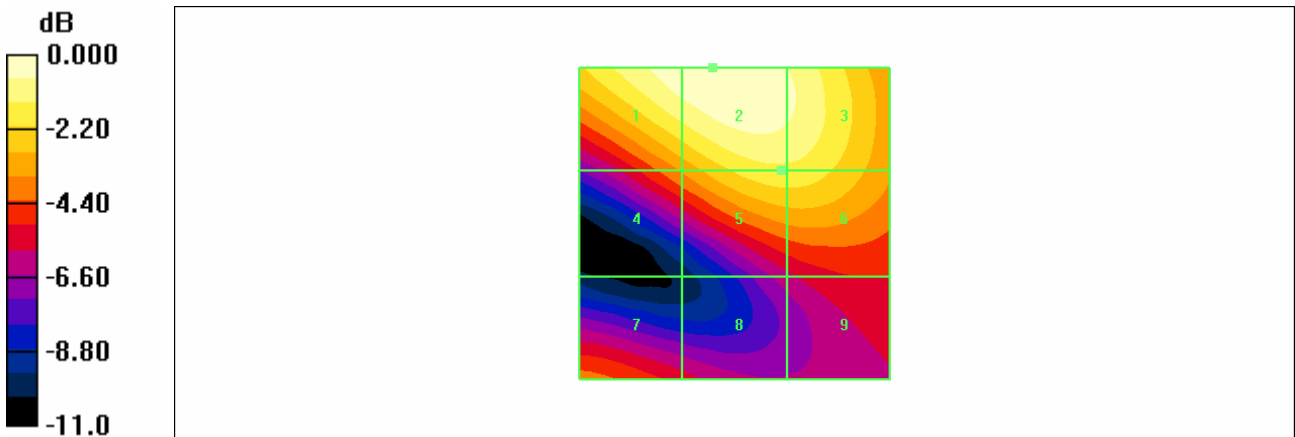
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 77.4 V/m
 Probe Modulation Factor = 2.61
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 22.8 V/m; Power Drift = 0.055 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
75.4 M3	77.4 M3	72.4 M3
Grid 4	Grid 5	Grid 6
51.4 M3	64.0 M3	63.9 M3
Grid 7	Grid 8	Grid 9
48.4 M3	41.3 M4	43.1 M4

Cursor:

Total = 77.4 V/m
 E Category: M3
 Location: 3.5, -25, 369.9 mm



0 dB = 77.4V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /128

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

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 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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 = 0.214 A/m

Probe Modulation Factor = 2.12

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.058 A/m; Power Drift = 0.125 dB

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

Peak H-field in A/m

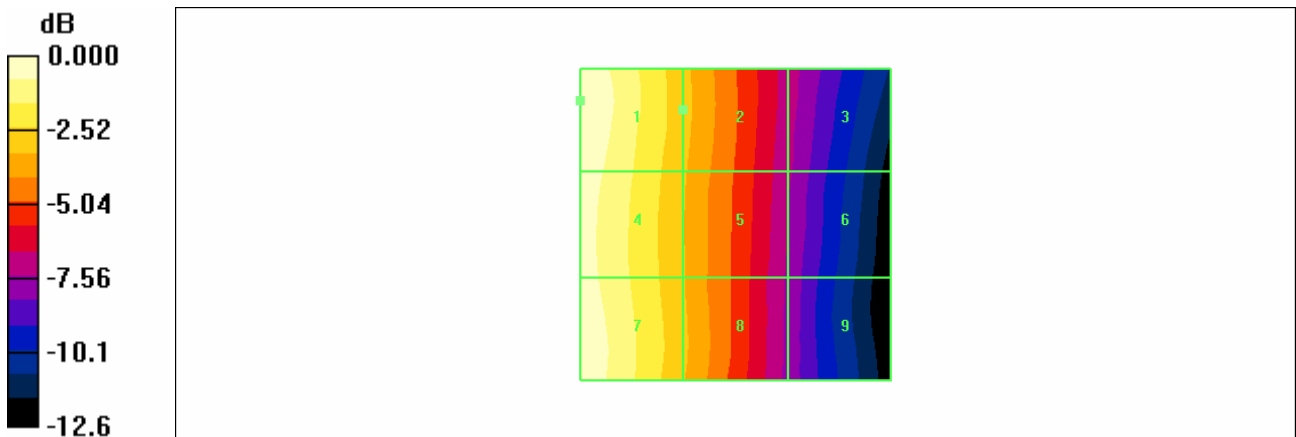
Grid 1	Grid 2	Grid 3
0.214 M4	0.151 M4	0.095 M4
Grid 4	Grid 5	Grid 6
0.206 M4	0.148 M4	0.092 M4
Grid 7	Grid 8	Grid 9
0.210 M4	0.149 M4	0.088 M4

Cursor:

Total = 0.214 A/m

H Category: M4

Location: 25, -20, 369.4 mm



0 dB = 0.214A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /190

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3
 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 184

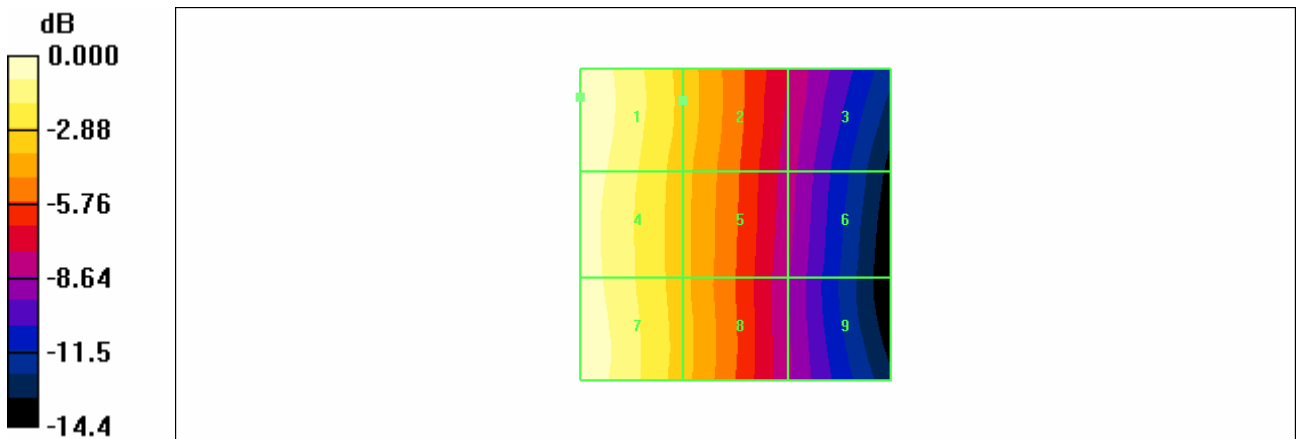
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.274 A/m
 Probe Modulation Factor = 2.12
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.071 A/m; Power Drift = -0.043 dB
Hearing Aid Near-Field Category: M4 (AWF -5 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.274 M4	0.190 M4	0.113 M4
Grid 4	Grid 5	Grid 6
0.265 M4	0.184 M4	0.107 M4
Grid 7	Grid 8	Grid 9
0.269 M4	0.186 M4	0.104 M4

Cursor:
 Total = 0.274 A/m
 H Category: M4
 Location: 25, -20.5, 369.4 mm



0 dB = 0.274A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /251

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

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 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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 = 0.225 A/m

Probe Modulation Factor = 2.12

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.056 A/m; Power Drift = -0.021 dB

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

Peak H-field in A/m

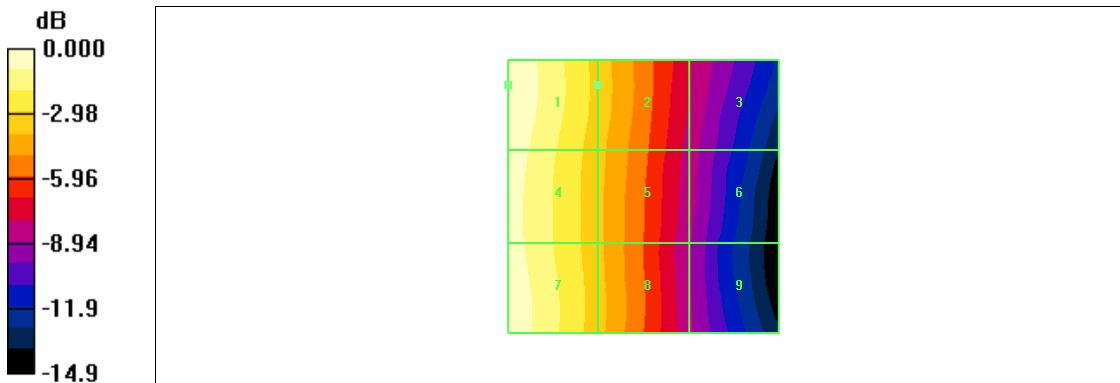
Grid 1	Grid 2	Grid 3
0.225 M4	0.154 M4	0.092 M4
Grid 4	Grid 5	Grid 6
0.215 M4	0.149 M4	0.086 M4
Grid 7	Grid 8	Grid 9
0.219 M4	0.150 M4	0.083 M4

Cursor:

Total = 0.225 A/m

H Category: M4

Location: 25, -20.5, 369.4 mm



0 dB = 0.225A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /512

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
 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 184

DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - 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):

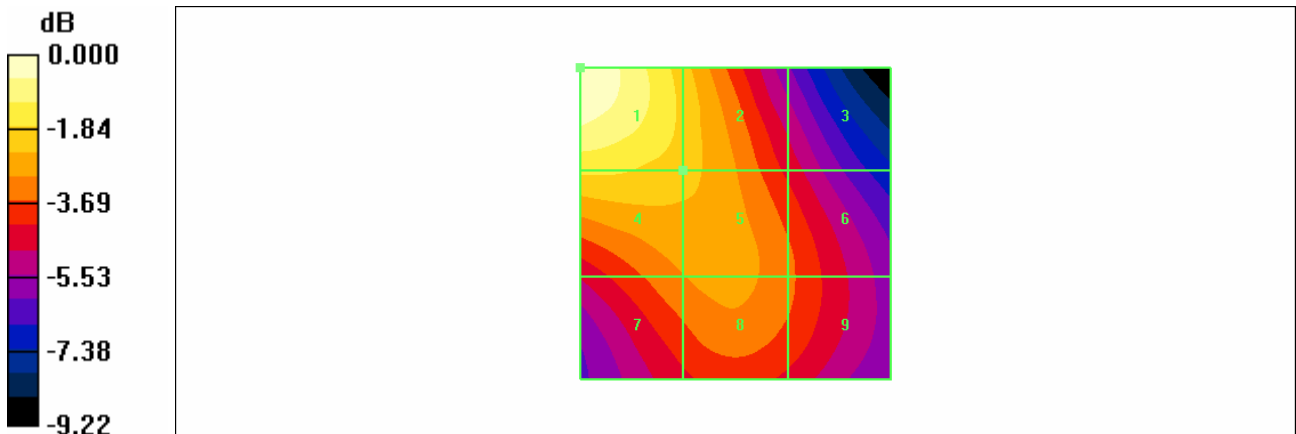
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.206 A/m
 Probe Modulation Factor = 2.27
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.073 A/m; Power Drift = -0.083 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.206 M3	0.164 M3	0.123 M4
Grid 4	Grid 5	Grid 6
0.169 M3	0.160 M3	0.137 M4
Grid 7	Grid 8	Grid 9
0.144 M3	0.148 M3	0.137 M4

Cursor:

Total = 0.206 A/m
 H Category: M3
 Location: 25, -25, 369.4 mm



0 dB = 0.206A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /661

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

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 184

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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 = 0.177 A/m

Probe Modulation Factor = 2.27

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.067 A/m; Power Drift = -0.055 dB

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

Peak H-field in A/m

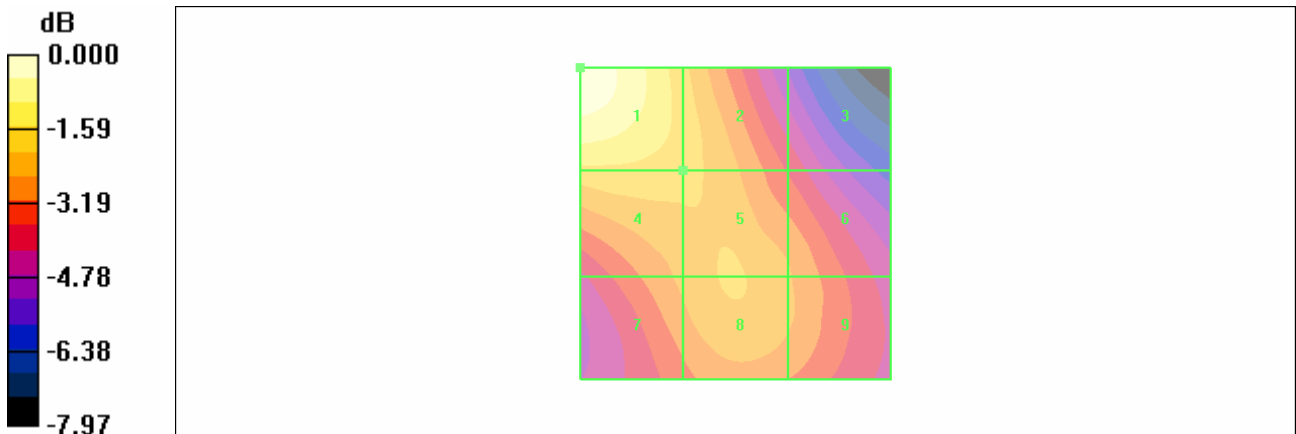
Grid 1	Grid 2	Grid 3
0.177 M3	0.144 M3	0.115 M4
Grid 4	Grid 5	Grid 6
0.146 M3	0.142 M3	0.131 M4
Grid 7	Grid 8	Grid 9
0.133 M4	0.139 M4	0.132 M4

Cursor:

Total = 0.177 A/m

H Category: M3

Location: 25, -25, 369.4 mm



0 dB = 0.177A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /810

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3
 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 184

DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - 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):

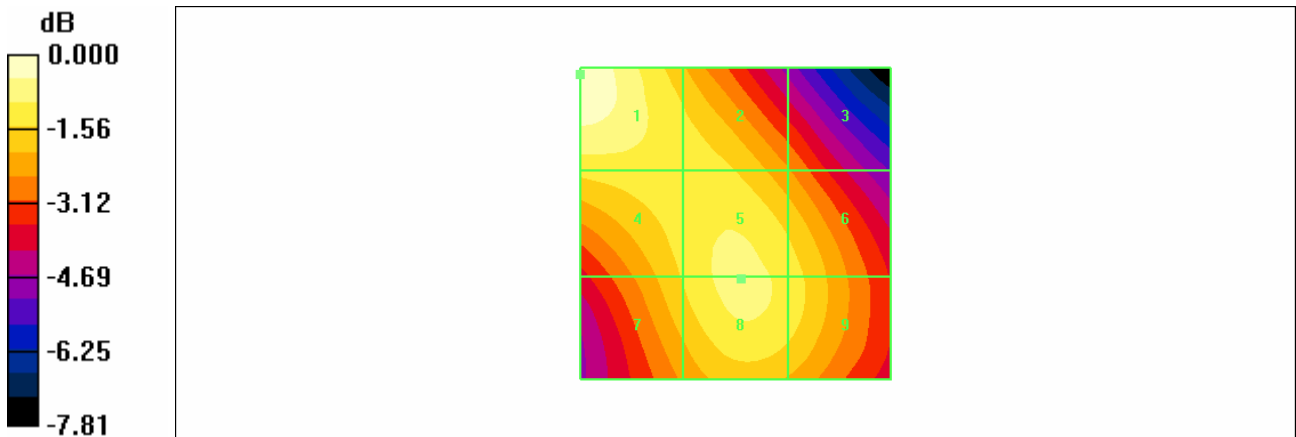
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.189 A/m
 Probe Modulation Factor = 2.27
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.083 A/m; Power Drift = 0.030 dB
Hearing Aid Near-Field Category: M3 (AWF -5 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.189 M3	0.163 M3	0.141 M3
Grid 4	Grid 5	Grid 6
0.163 M3	0.171 M3	0.163 M3
Grid 7	Grid 8	Grid 9
0.159 M3	0.171 M3	0.164 M3

Cursor:

Total = 0.189 A/m
 H Category: M3
 Location: 25, -24, 369.4 mm



0 dB = 0.189A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /4132

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA850; Frequency: 826.4 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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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):

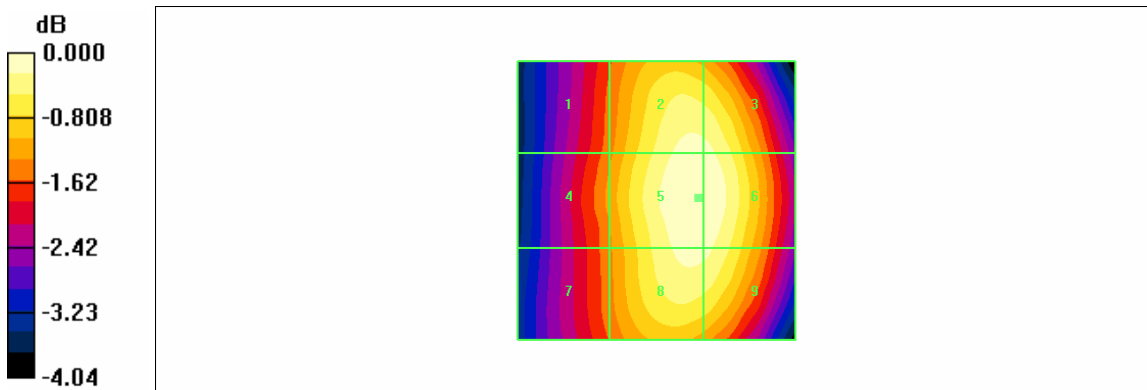
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 27.2 V/m
 Probe Modulation Factor = 0.781
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 45.7 V/m; Power Drift = -0.040 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
23.1 M4	26.7 M4	26.7 M4
Grid 4	Grid 5	Grid 6
23.6 M4	27.2 M4	27.2 M4
Grid 7	Grid 8	Grid 9
23.2 M4	26.7 M4	26.6 M4

Cursor:

Total = 27.2 V/m
 E Category: M4
 Location: -7.5, -0.5, 369.9 mm



0 dB = 27.2V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /4183

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA850; Frequency: 836.6 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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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):

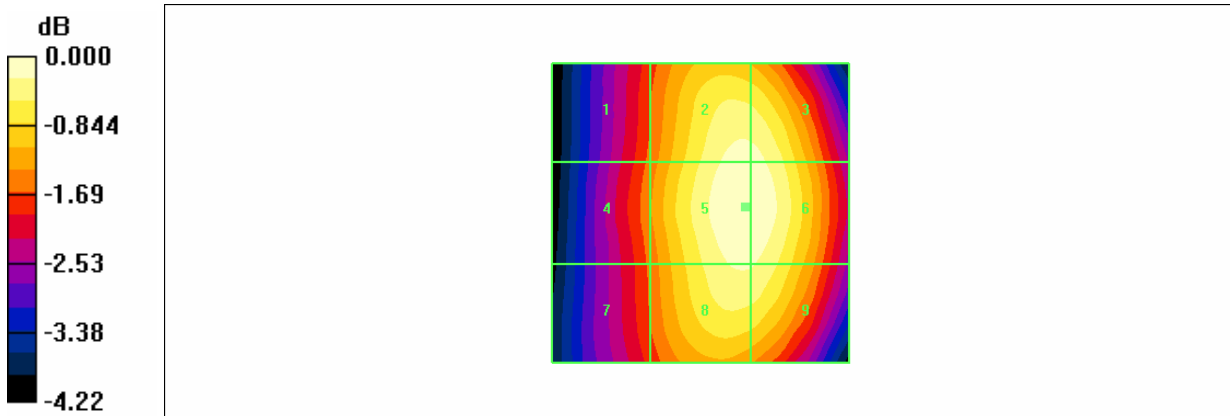
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 33.2 V/m
 Probe Modulation Factor = 0.781
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 55.6 V/m; Power Drift = 0.079 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
27.7 M4	32.6 M4	32.6 M4
Grid 4	Grid 5	Grid 6
28.1 M4	33.2 M4	33.1 M4
Grid 7	Grid 8	Grid 9
27.6 M4	32.3 M4	32.2 M4

Cursor:

Total = 33.2 V/m
 E Category: M4
 Location: -7.5, -1, 369.9 mm



0 dB = 33.2V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /4233

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA850; Frequency: 846.6 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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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):

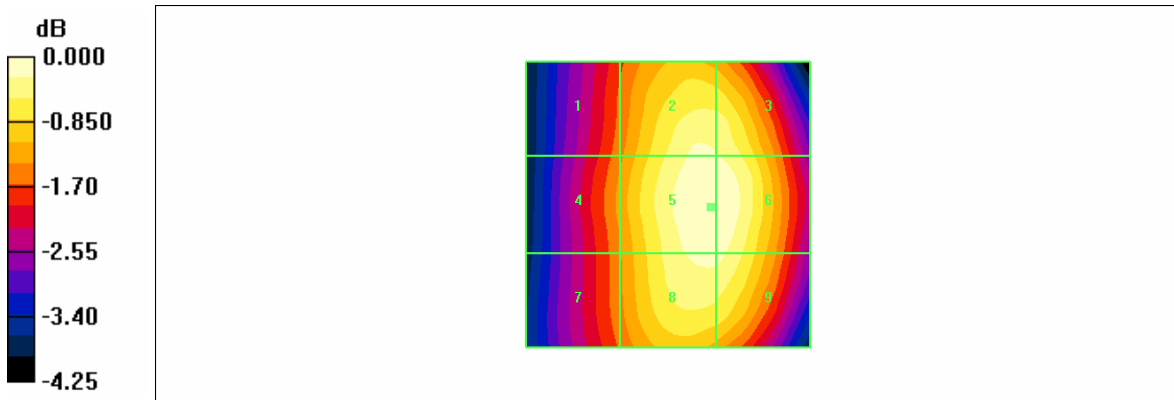
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 36.1 V/m
 Probe Modulation Factor = 0.781
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 60.7 V/m; Power Drift = 0.013 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
30.4 M4	35.3 M4	35.1 M4
Grid 4	Grid 5	Grid 6
31.0 M4	36.1 M4	36.1 M4
Grid 7	Grid 8	Grid 9
30.6 M4	35.3 M4	35.3 M4

Cursor:

Total = 36.1 V/m
 E Category: M4
 Location: -7.5, 0.5, 369.9 mm



0 dB = 36.1V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /9262

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA1900; Frequency: 1852.4 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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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):

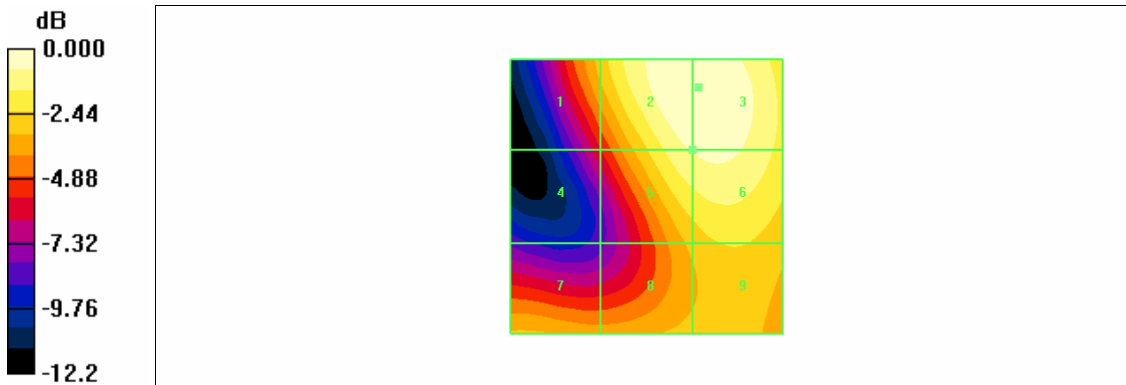
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 23.5 V/m
 Probe Modulation Factor = 0.834
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 25.9 V/m; Power Drift = -0.003 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
16.9 M4	23.5 M4	23.5 M4
Grid 4	Grid 5	Grid 6
12.1 M4	21.5 M4	22.0 M4
Grid 7	Grid 8	Grid 9
16.4 M4	16.7 M4	17.9 M4

Cursor:

Total = 23.5 V/m
 E Category: M4
 Location: -9.5, -20, 369.9 mm



0 dB = 23.5V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /9400

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA1900; 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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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):

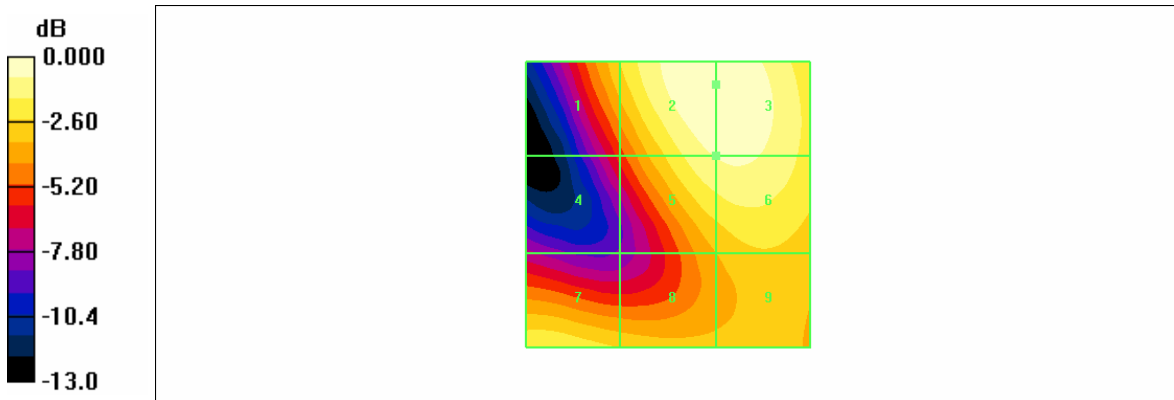
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 25.0 V/m
 Probe Modulation Factor = 0.834
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 27.2 V/m; Power Drift = 0.060 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
18.5 M4	25.0 M4	25.0 M4
Grid 4	Grid 5	Grid 6
13.0 M4	22.7 M4	23.1 M4
Grid 7	Grid 8	Grid 9
20.3 M4	18.5 M4	18.4 M4

Cursor:

Total = 25.0 V/m
 E Category: M4
 Location: -8.5, -21, 369.9 mm



0 dB = 25.0V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /9538

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA1900; Frequency: 1907.6 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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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):

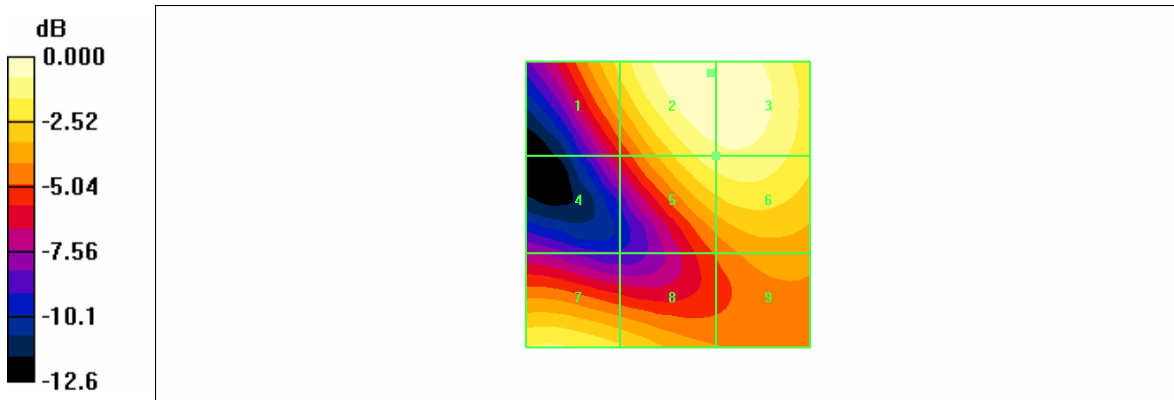
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 24.7 V/m
 Probe Modulation Factor = 0.834
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 23.5 V/m; Power Drift = -0.060 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
19.2 M4	24.7 M4	24.6 M4
Grid 4	Grid 5	Grid 6
12.4 M4	21.6 M4	22.0 M4
Grid 7	Grid 8	Grid 9
20.7 M4	18.8 M4	16.1 M4

Cursor:

Total = 24.7 V/m
 E Category: M4
 Location: -7.5, -23, 369.9 mm



Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /4132

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA850; Frequency: 826.4 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 184

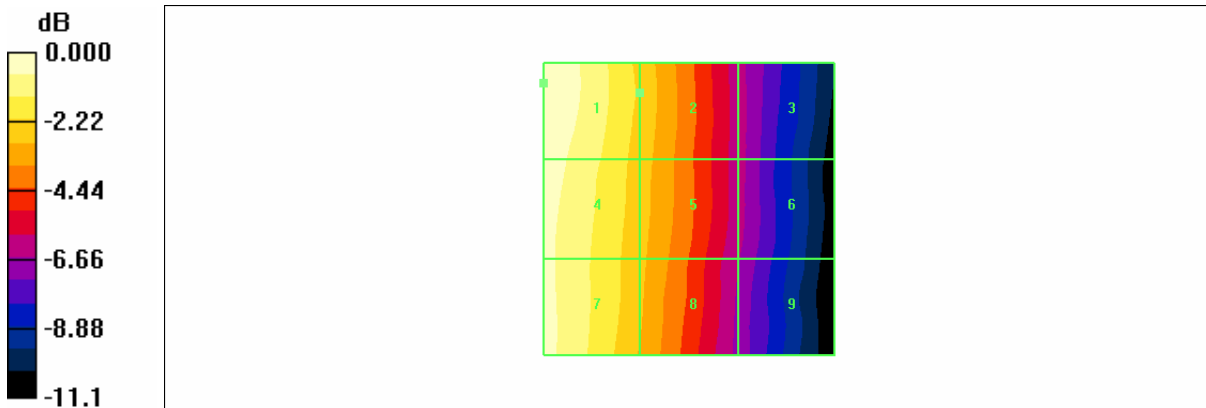
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.061 A/m
 Probe Modulation Factor = 0.841
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.048 A/m; Power Drift = 0.041 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.061 M4	0.047 M4	0.030 M4
Grid 4	Grid 5	Grid 6
0.059 M4	0.045 M4	0.030 M4
Grid 7	Grid 8	Grid 9
0.058 M4	0.045 M4	0.029 M4

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



0 dB = 0.061A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /4183

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA850; Frequency: 836.6 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 184

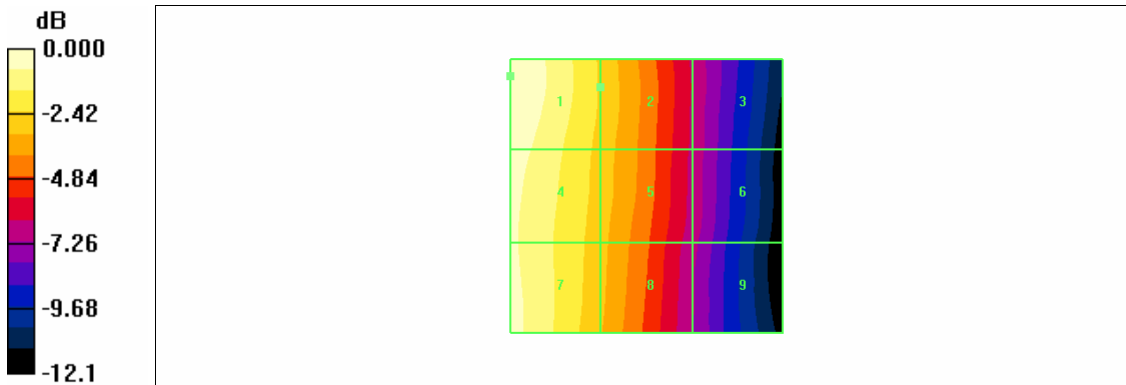
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.073 A/m
 Probe Modulation Factor = 0.841
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.056 A/m; Power Drift = 0.023 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.073 M4	Grid 2 0.055 M4	Grid 3 0.034 M4
Grid 4 0.070 M4	Grid 5 0.054 M4	Grid 6 0.034 M4
Grid 7 0.069 M4	Grid 8 0.052 M4	Grid 9 0.033 M4

Cursor:
 Total = 0.073 A/m
 H Category: M4
 Location: 25, -22, 369.4 mm



0 dB = 0.073A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /4233

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA850; Frequency: 846.6 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 184

DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

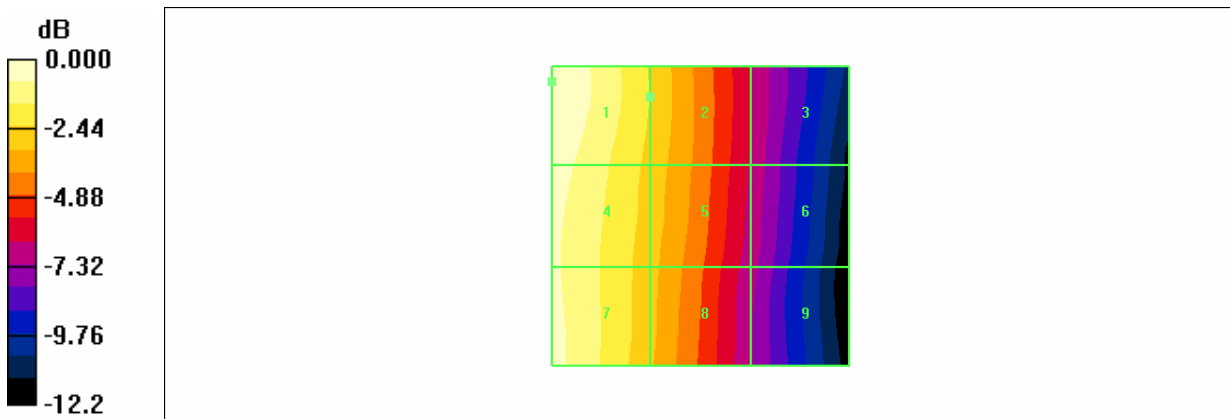
H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.083 A/m
 Probe Modulation Factor = 0.841
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.063 A/m; Power Drift = -0.043 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.083 M4	0.063 M4	0.039 M4
Grid 4	Grid 5	Grid 6
0.079 M4	0.061 M4	0.039 M4
Grid 7	Grid 8	Grid 9
0.078 M4	0.059 M4	0.037 M4

Cursor:
 Total = 0.083 A/m
 H Category: M4
 Location: 25, -22.5, 369.4 mm



0 dB = 0.083A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /9262

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA1900; Frequency: 1852.4 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 184

DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

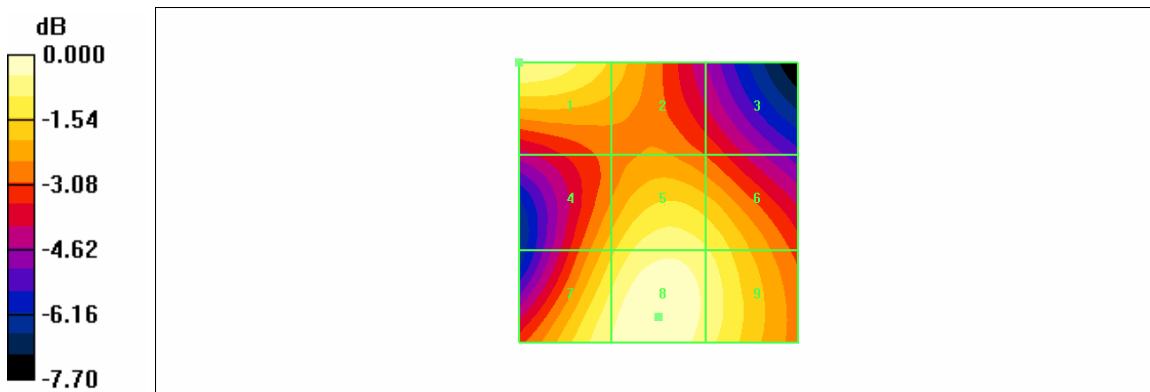
H Scan - H3DV6 - 2007: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):
 Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 0.066 A/m
 Probe Modulation Factor = 0.835
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.078 A/m; Power Drift = 0.015 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.062 M4	0.055 M4	0.046 M4
Grid 4	Grid 5	Grid 6
0.054 M4	0.061 M4	0.059 M4
Grid 7	Grid 8	Grid 9
0.062 M4	0.066 M4	0.061 M4

Cursor:

Total = 0.066 A/m
 H Category: M4
 Location: 0, 20.5, 369.4 mm



0 dB = 0.066A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /9400

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA1900; 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 184

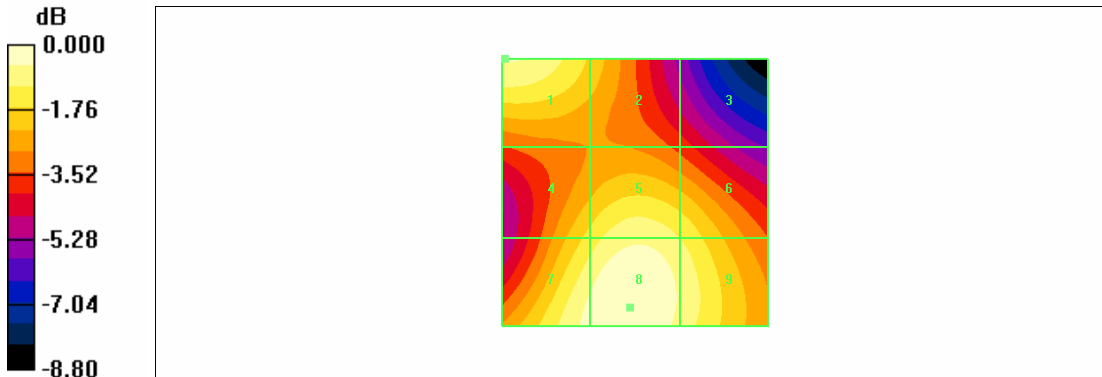
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.073 A/m
 Probe Modulation Factor = 0.835
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.082 A/m; Power Drift = 0.005 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	0.059 M4	0.048 M4
Grid 4	Grid 5	Grid 6
0.061 M4	0.067 M4	0.064 M4
Grid 7	Grid 8	Grid 9
0.070 M4	0.073 M4	0.068 M4

Cursor:
 Total = 0.073 A/m
 H Category: M4
 Location: 1, 21.5, 369.4 mm



0 dB = 0.073A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /9538

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA1900; Frequency: 1907.6 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 184

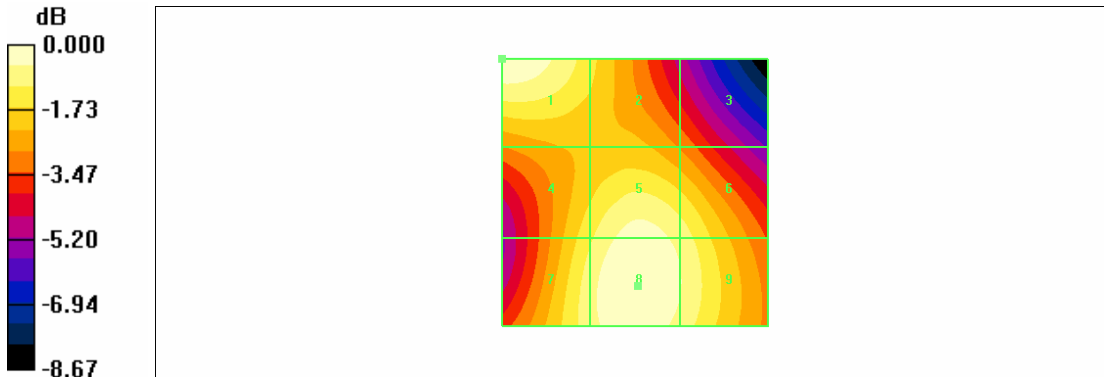
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.073 A/m
 Probe Modulation Factor = 0.835
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.088 A/m; Power Drift = 0.023 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.072 M4	0.061 M4	0.052 M4
Grid 4	Grid 5	Grid 6
0.063 M4	0.070 M4	0.066 M4
Grid 7	Grid 8	Grid 9
0.067 M4	0.073 M4	0.069 M4

Cursor:
 Total = 0.073 A/m
 H Category: M4
 Location: -0.5, 17.5, 369.4 mm



0 dB = 0.073A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /4132

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA850; Frequency: 826.4 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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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):

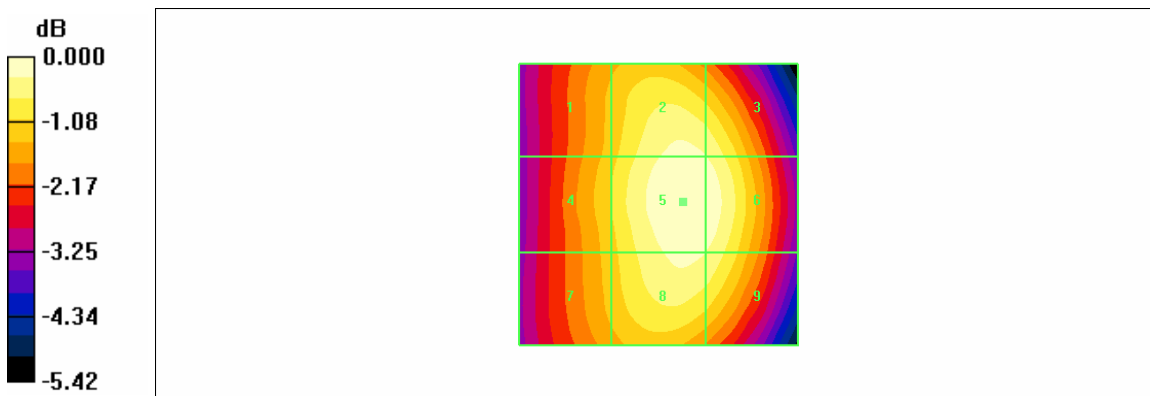
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 36.4 V/m
 Probe Modulation Factor = 0.781
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 65.3 V/m; Power Drift = -0.053 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
31.6 M4	35.5 M4	35.0 M4
Grid 4	Grid 5	Grid 6
32.2 M4	36.4 M4	36.1 M4
Grid 7	Grid 8	Grid 9
31.6 M4	35.4 M4	34.9 M4

Cursor:

Total = 36.4 V/m
 E Category: M4
 Location: -4.5, -0.5, 369.9 mm



0 dB = 36.4V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /4183

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA850; Frequency: 836.6 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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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):

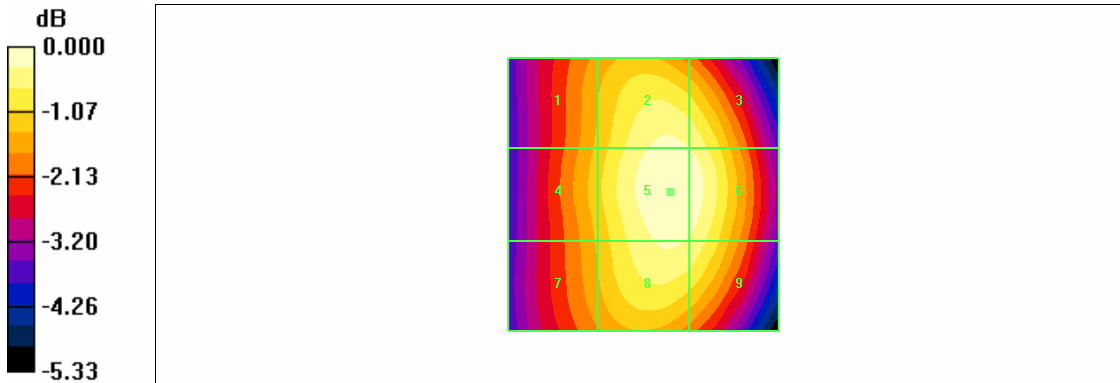
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 45.2 V/m
 Probe Modulation Factor = 0.781
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 80.6 V/m; Power Drift = -0.007 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
38.8 M4	44.0 M4	43.4 M4
Grid 4	Grid 5	Grid 6
39.5 M4	45.2 M4	44.7 M4
Grid 7	Grid 8	Grid 9
38.7 M4	43.7 M4	43.2 M4

Cursor:

Total = 45.2 V/m
 E Category: M4
 Location: -5, -0.5, 369.9 mm



0 dB = 45.2V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /4233

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA850; Frequency: 846.6 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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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):

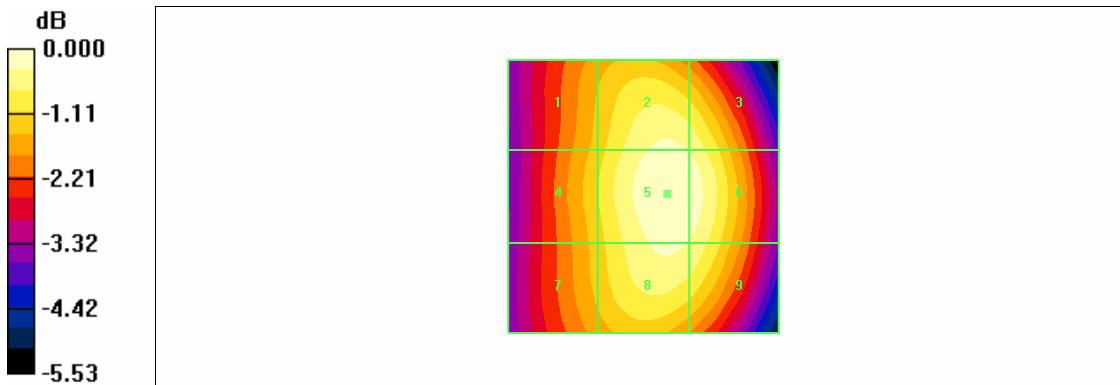
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 46.5 V/m
 Probe Modulation Factor = 0.781
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 83.1 V/m; Power Drift = 0.002 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
40.1 M4	45.2 M4	44.4 M4
Grid 4	Grid 5	Grid 6
40.9 M4	46.5 M4	45.9 M4
Grid 7	Grid 8	Grid 9
40.2 M4	45.1 M4	44.5 M4

Cursor:

Total = 46.5 V/m
 E Category: M4
 Location: -4.5, -0.5, 369.9 mm



0 dB = 46.5V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /9262

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA1900; Frequency: 1852.4 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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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):

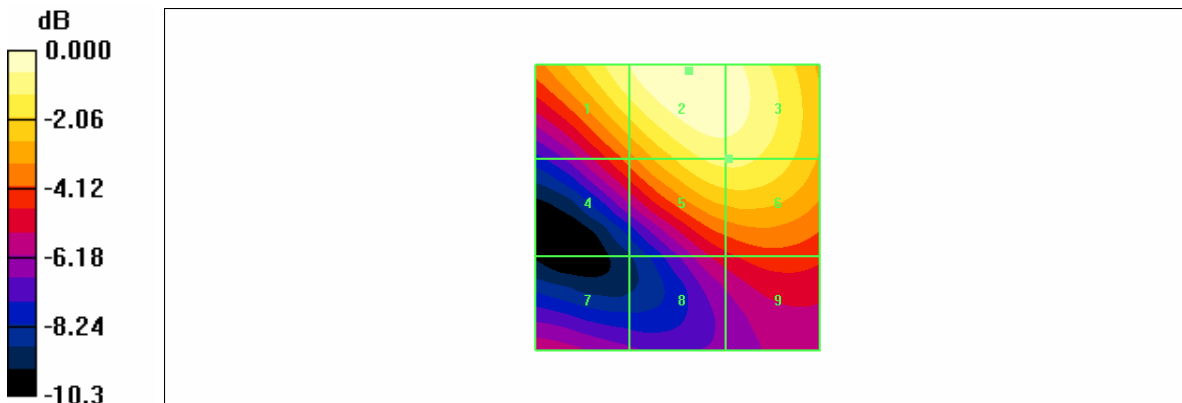
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 28.7 V/m
 Probe Modulation Factor = 0.834
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 27.6 V/m; Power Drift = -0.023 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
26.6 M4	28.7 M4	27.9 M4
Grid 4	Grid 5	Grid 6
18.6 M4	25.1 M4	25.1 M4
Grid 7	Grid 8	Grid 9
14.9 M4	16.1 M4	17.4 M4

Cursor:

Total = 28.7 V/m
 E Category: M4
 Location: -2, -24, 369.9 mm



0 dB = 28.7V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /9400

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA1900; 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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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):

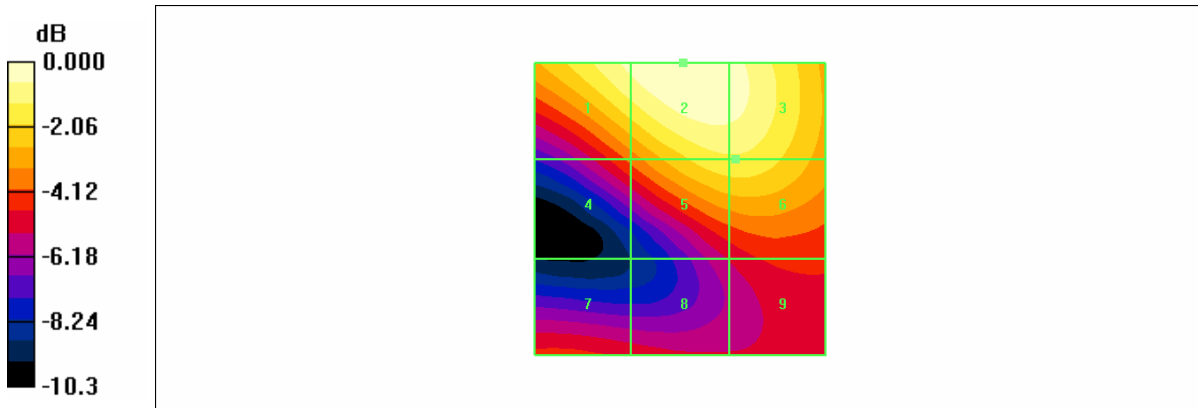
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 27.9 V/m
 Probe Modulation Factor = 0.834
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 23.5 V/m; Power Drift = 0.153 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
26.4 M4	27.9 M4	26.9 M4
Grid 4	Grid 5	Grid 6
17.8 M4	23.4 M4	23.4 M4
Grid 7	Grid 8	Grid 9
16.5 M4	15.8 M4	16.5 M4

Cursor:

Total = 27.9 V/m
 E Category: M4
 Location: -0.5, -25, 369.9 mm



0 dB = 27.9V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /9538

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA1900; Frequency: 1907.6 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 184

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2010-05-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2010-09-21
- 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):

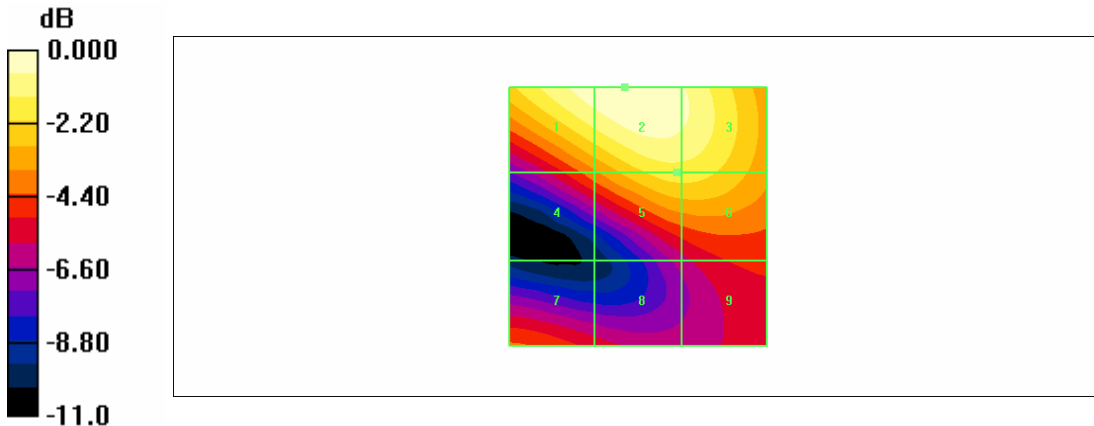
Measurement grid: dx=5mm, dy=5mm
 Maximum value of peak Total field = 28.0 V/m
 Probe Modulation Factor = 0.834
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 23.5 V/m; Power Drift = 0.042 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
27.2 M4	28.0 M4	26.3 M4
Grid 4	Grid 5	Grid 6
18.0 M4	22.7 M4	22.7 M4
Grid 7	Grid 8	Grid 9
17.1 M4	15.1 M4	15.9 M4

Cursor:

Total = 28.0 V/m
 E Category: M4
 Location: 2.5, -25, 369.9 mm



0 dB = 28.0V/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /4132

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA850; Frequency: 826.4 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 184

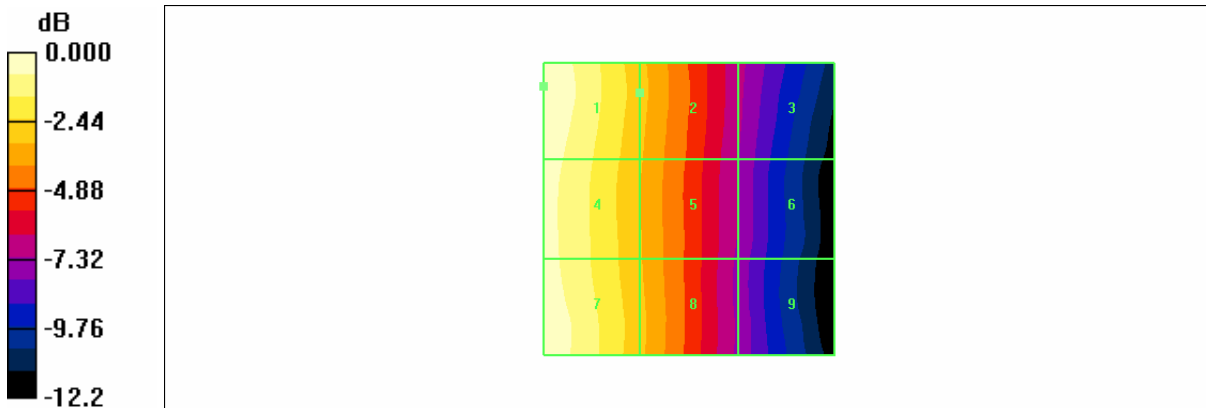
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.068 A/m
 Probe Modulation Factor = 0.841
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.047 A/m; Power Drift = -0.037 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.068 M4	0.049 M4	0.030 M4
Grid 4	Grid 5	Grid 6
0.065 M4	0.047 M4	0.029 M4
Grid 7	Grid 8	Grid 9
0.067 M4	0.048 M4	0.029 M4

Cursor:
 Total = 0.068 A/m
 H Category: M4
 Location: 25, -21, 369.4 mm



0 dB = 0.068A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /4183

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA850; Frequency: 836.6 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 184

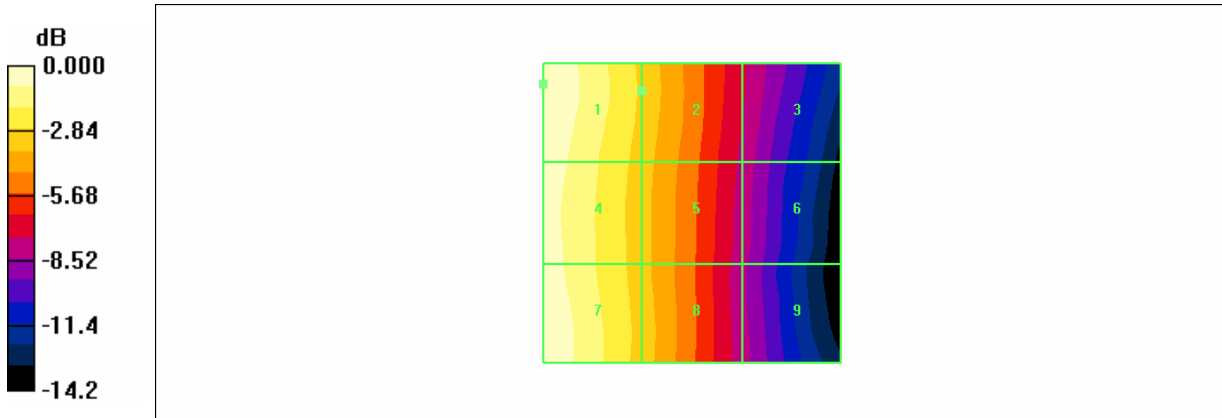
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.085 A/m
 Probe Modulation Factor = 0.841
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.057 A/m; Power Drift = -0.035 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	0.060 M4	0.036 M4
Grid 4	Grid 5	Grid 6
0.082 M4	0.058 M4	0.035 M4
Grid 7	Grid 8	Grid 9
0.084 M4	0.059 M4	0.034 M4

Cursor:
 Total = 0.085 A/m
 H Category: M4
 Location: 25, -21.5, 369.4 mm



0 dB = 0.085A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /4233

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA850; Frequency: 846.6 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 184

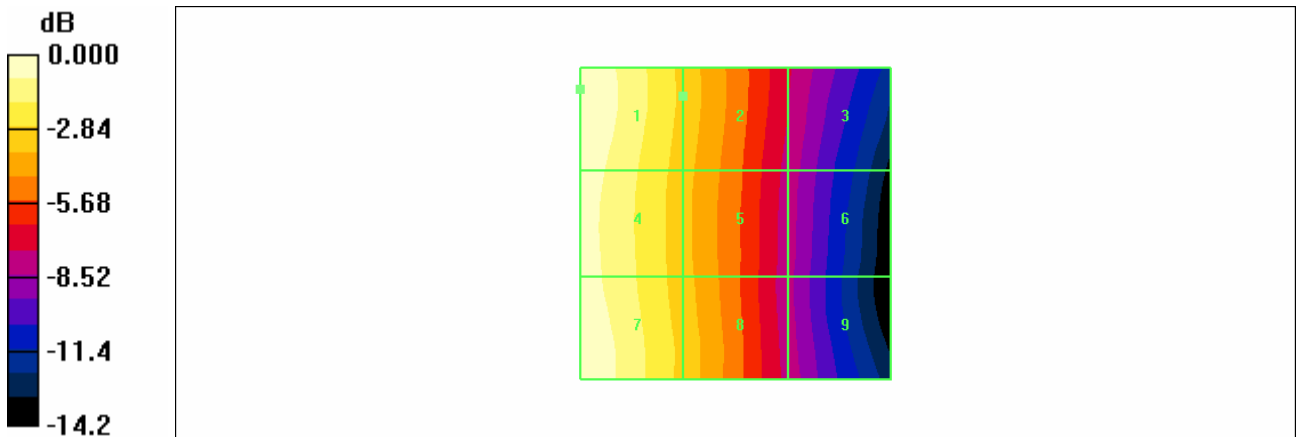
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.090 A/m
 Probe Modulation Factor = 0.841
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.060 A/m; Power Drift = 0.001 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.090 M4	0.063 M4	0.038 M4
Grid 4	Grid 5	Grid 6
0.086 M4	0.061 M4	0.036 M4
Grid 7	Grid 8	Grid 9
0.089 M4	0.063 M4	0.036 M4

Cursor:
 Total = 0.090 A/m
 H Category: M4
 Location: 25, -21.5, 369.4 mm



0 dB = 0.090A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /9262

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA1900; Frequency: 1852.4 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 184

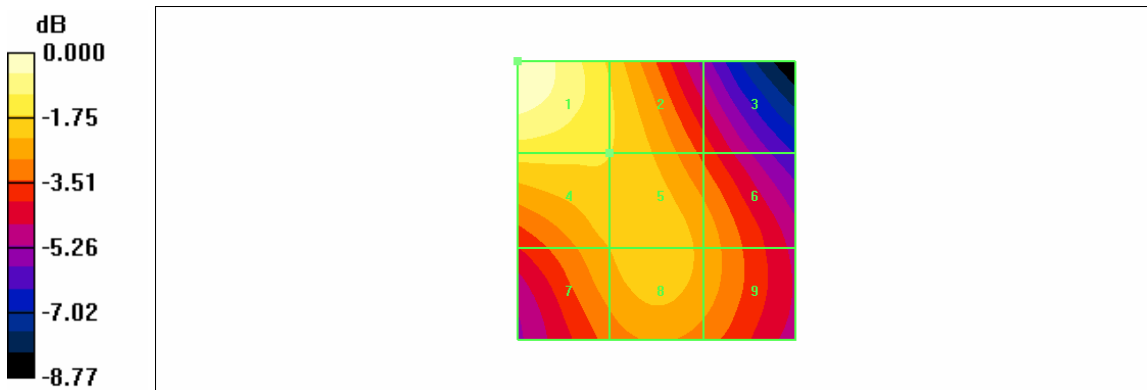
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.082 A/m
 Probe Modulation Factor = 0.835
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.085 A/m; Power Drift = 0.025 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.082 M4	0.068 M4	0.054 M4
Grid 4	Grid 5	Grid 6
0.069 M4	0.067 M4	0.061 M4
Grid 7	Grid 8	Grid 9
0.063 M4	0.066 M4	0.062 M4

Cursor:
 Total = 0.082 A/m
 H Category: M4
 Location: 25, -25, 369.4 mm



0 dB = 0.082A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /9400

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA1900; 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 184

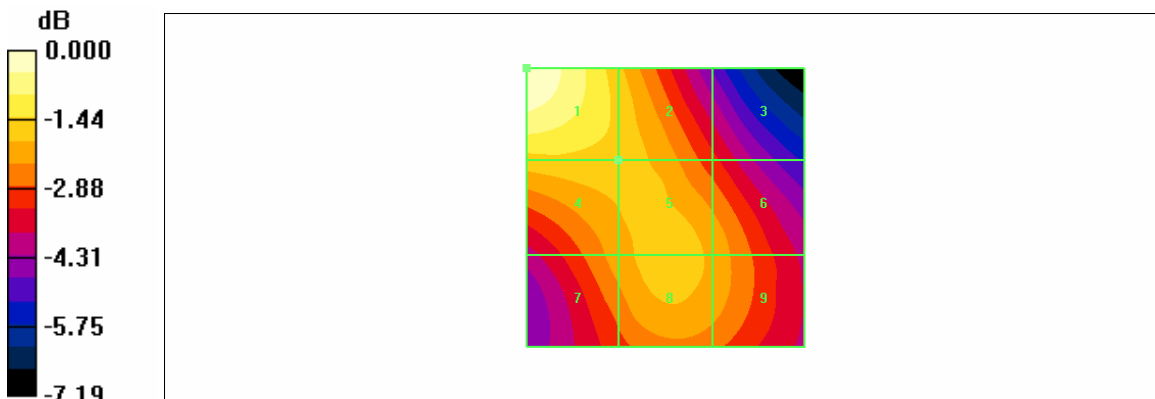
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.835
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.086 A/m; Power Drift = 0.022 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	0.066 M4	0.055 M4
Grid 4	Grid 5	Grid 6
0.066 M4	0.065 M4	0.062 M4
Grid 7	Grid 8	Grid 9
0.062 M4	0.065 M4	0.062 M4

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



0 dB = 0.079A/m

Test Laboratory: HCT CO., LTD.

Ambient Temperature / Channel 21.3 °C /9538

Test Date Dec. 7, 2010

DUT: P6010; Type: Bar; Serial: #1

Communication System: WCDMA1900; Frequency: 1907.6₃MHz;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 184

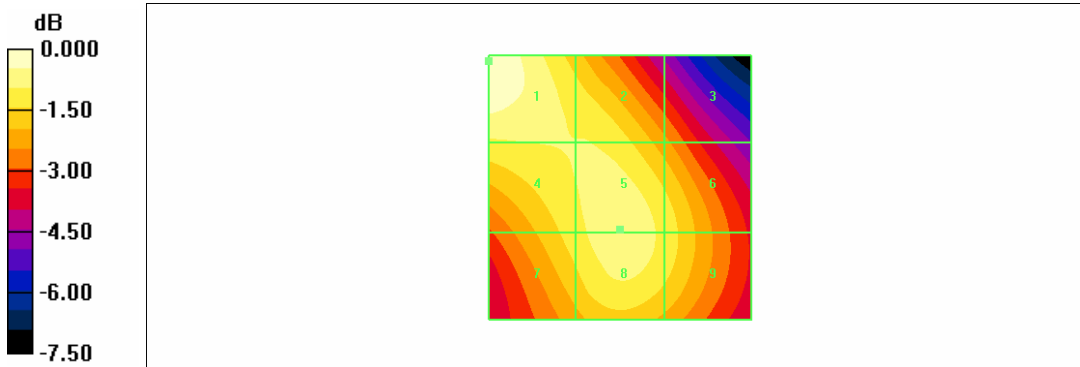
DASY4 Configuration:
 - Probe: H3DV6 - SN6101; ; Calibrated: 2010-05-27
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE3 Sn446; Calibrated: 2010-09-21
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.077 A/m
 Probe Modulation Factor = 0.835
 Device Reference Point: 0.000, 0.000, 353.7 mm
 Reference Value = 0.094 A/m; Power Drift = -0.036 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.077 M4	0.069 M4	0.059 M4
Grid 4	Grid 5	Grid 6
0.069 M4	0.071 M4	0.067 M4
Grid 7	Grid 8	Grid 9
0.067 M4	0.071 M4	0.067 M4

Cursor:
 Total = 0.077 A/m
 H Category: M4
 Location: 25, -24, 369.4 mm



0 dB = 0.077A/m