

ATTACHMENT A – HAC TEST PLOTS

Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-S200N; Type: Folder; Serial: #1
Program Name: HAC E Device

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

DASY4 Configuration:

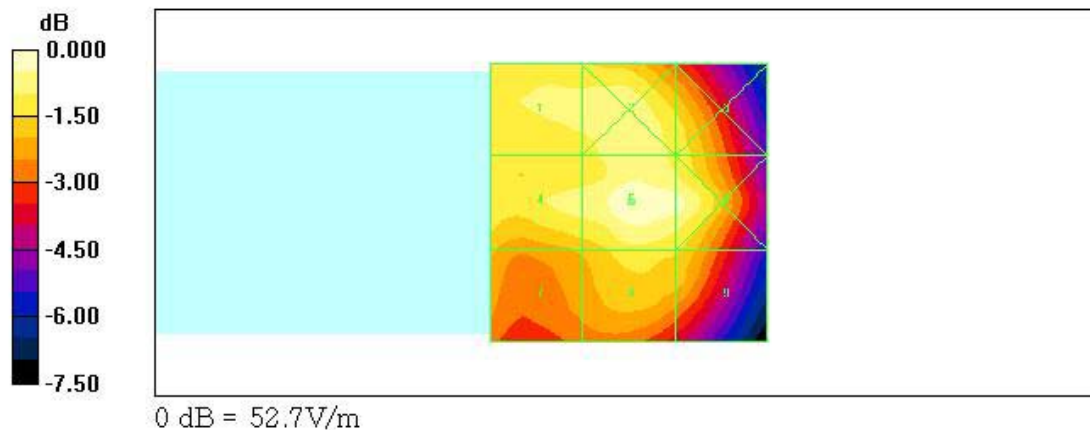
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 52.7 V/m
Probe Modulation Factor = 1.00
Reference Value = 51.4 V/m; Power Drift = -0.050 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
47.6	49.3	46.4
Grid 4	Grid 5	Grid 6
48.3	52.7	50.7
Grid 7	Grid 8	Grid 9
42.8	46.3	44.8



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-S200N; Type: Folder; Serial: #1
Program Name: HAC E Device

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

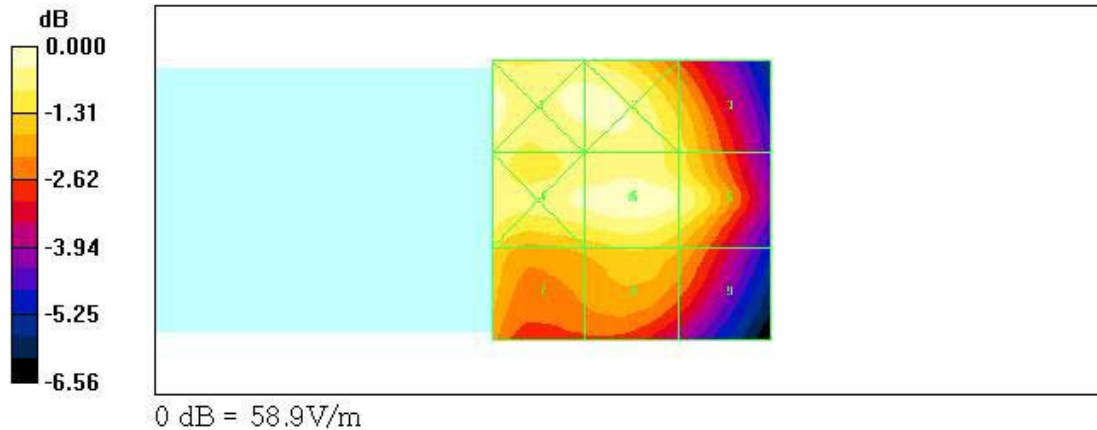
DASY4 Configuration:
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 58.9 V/m
Probe Modulation Factor = 1.00
Reference Value = 58.7 V/m; Power Drift = -0.007 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
57.1	56.8	51.6
Grid 4	Grid 5	Grid 6
56.7	58.9	56.0
Grid 7	Grid 8	Grid 9
51.6	51.0	48.4



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-8200N; Type: Folder; Serial: #1
Program Name: HAC E Device

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

DASY4 Configuration:
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

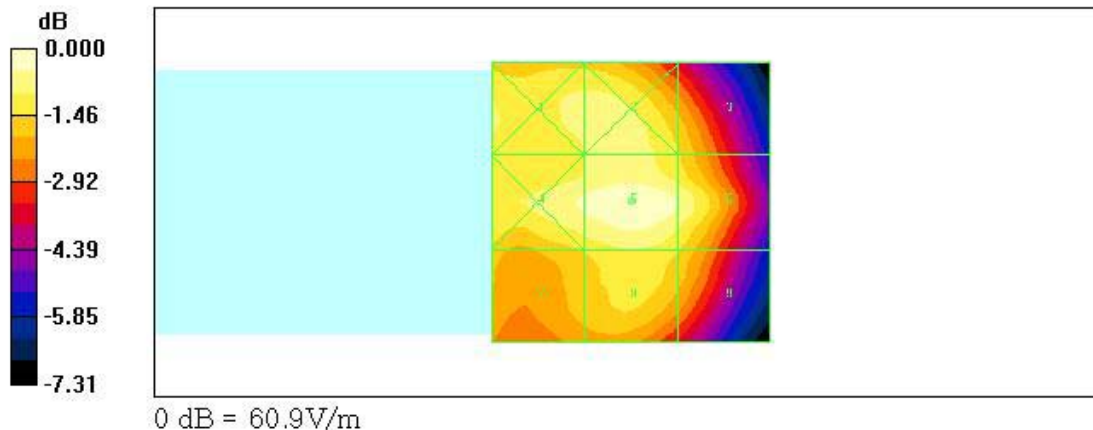
E Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

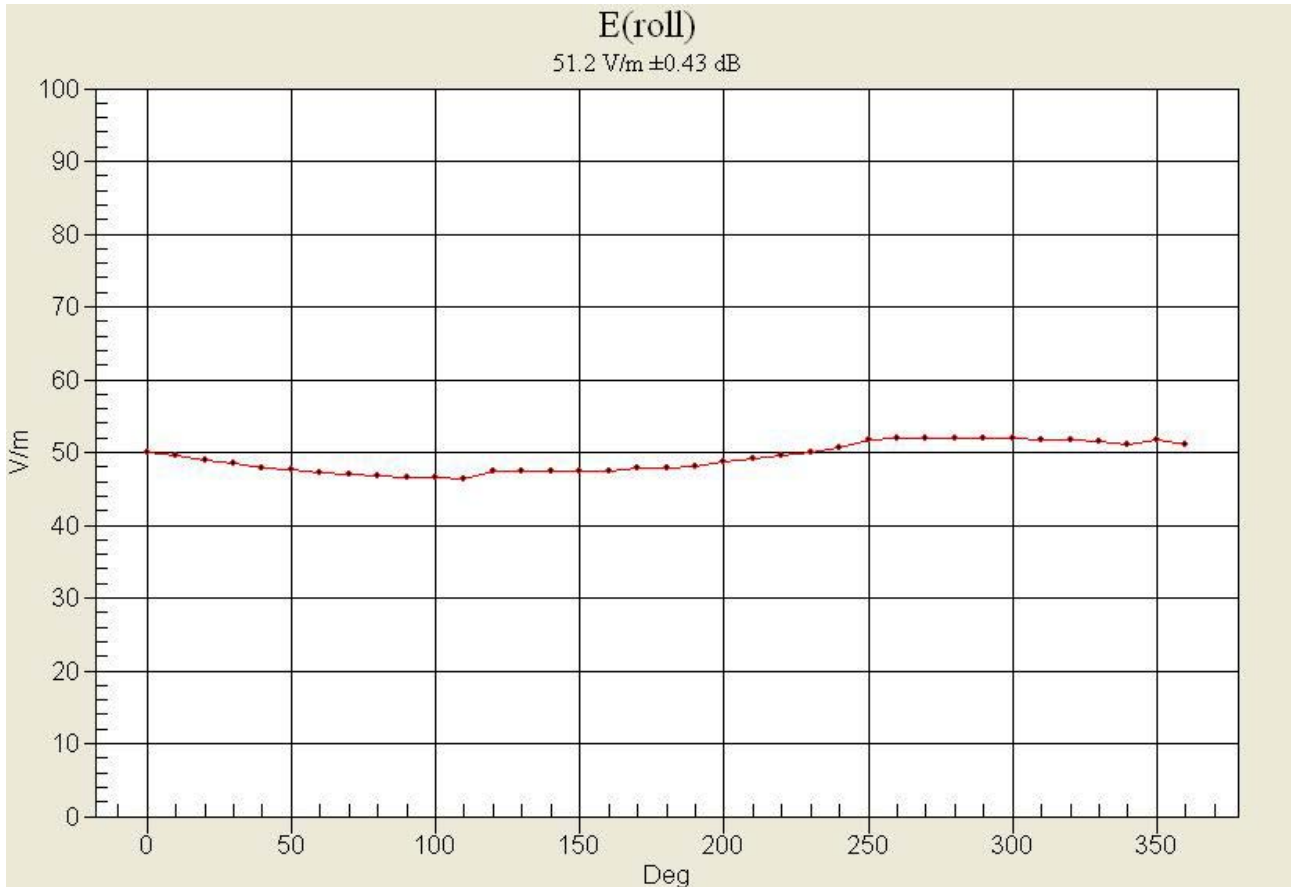
Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 60.9 V/m
Probe Modulation Factor = 1.00
Reference Value = 60.2 V/m; Power Drift = 0.184 dB

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

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
55.4	56.1	51.7
Grid 4	Grid 5	Grid 6
58.0	60.9	57.7
Grid 7	Grid 8	Grid 9
51.8	54.4	51.7





Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-S200N; Type: Folder; Serial: #1
Program Name: HAC E Device

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

DASY4 Configuration:

- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

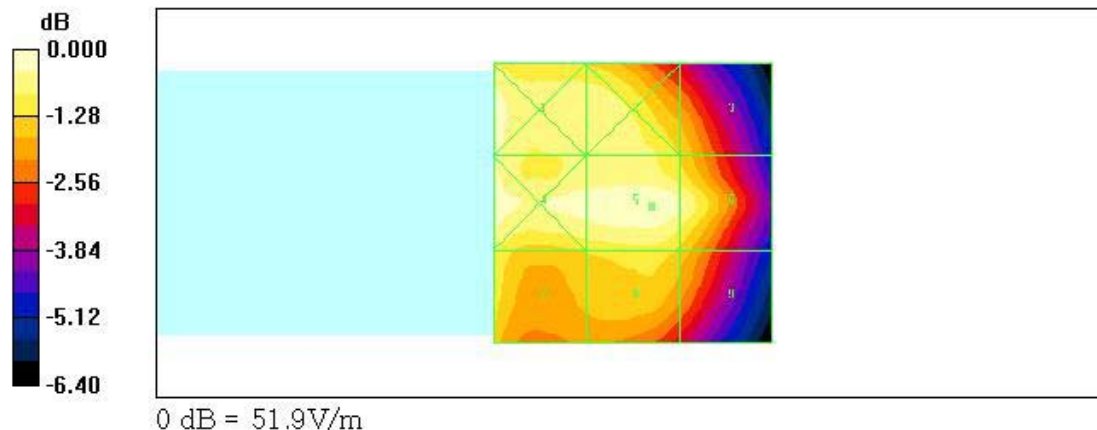
E Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 51.9 V/m
Probe Modulation Factor = 1.00
Reference Value = 51.6 V/m; Power Drift = 0.181 dB

Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
51.3	48.7	44.6
Grid 4	Grid 5	Grid 6
51.2	51.9	49.7
Grid 7	Grid 8	Grid 9
48.0	46.4	44.1



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-8200N; Type: Folder; Serial: #1
Program Name: HAC E Device

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

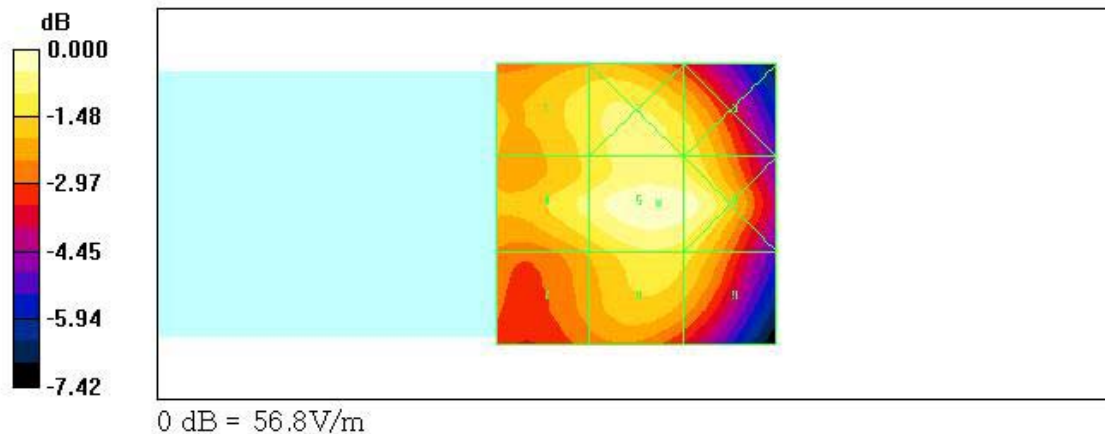
DASY4 Configuration:
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 56.8 V/m
Probe Modulation Factor = 1.00
Reference Value = 56.7 V/m; Power Drift = -0.151 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
49.7	52.1	50.3
Grid 4	Grid 5	Grid 6
51.8	56.8	55.6
Grid 7	Grid 8	Grid 9
45.9	50.5	49.3



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-8200N; Type: Folder; Serial: #1
Program Name: HAC E Device

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

DASY4 Configuration:

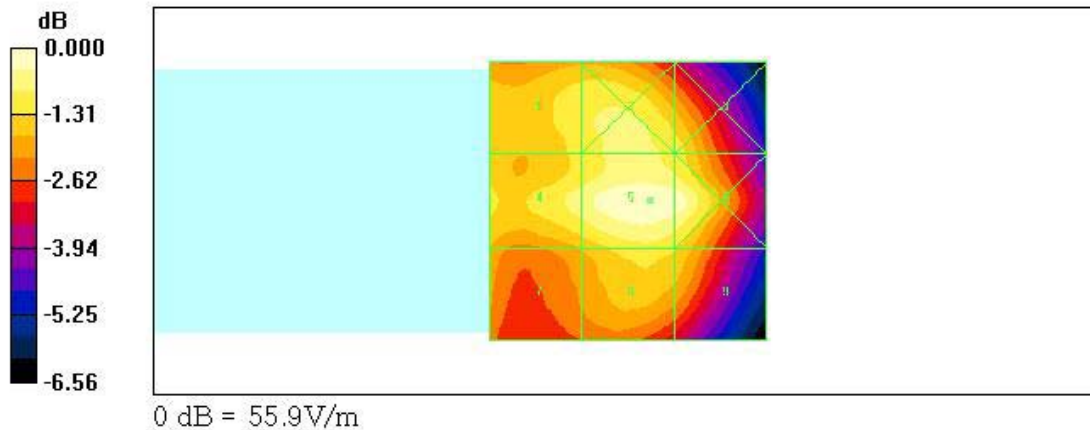
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 55.9 V/m
Probe Modulation Factor = 1.00
Reference Value = 54.7 V/m; Power Drift = -0.073 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
49.8	51.5	49.5
Grid 4	Grid 5	Grid 6
51.8	55.9	54.6
Grid 7	Grid 8	Grid 9
45.9	49.7	48.3



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-8200N; Type: Folder; Serial: #1
Program Name: HAC E Device

Communication System: PCS1900; 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

DASY4 Configuration:

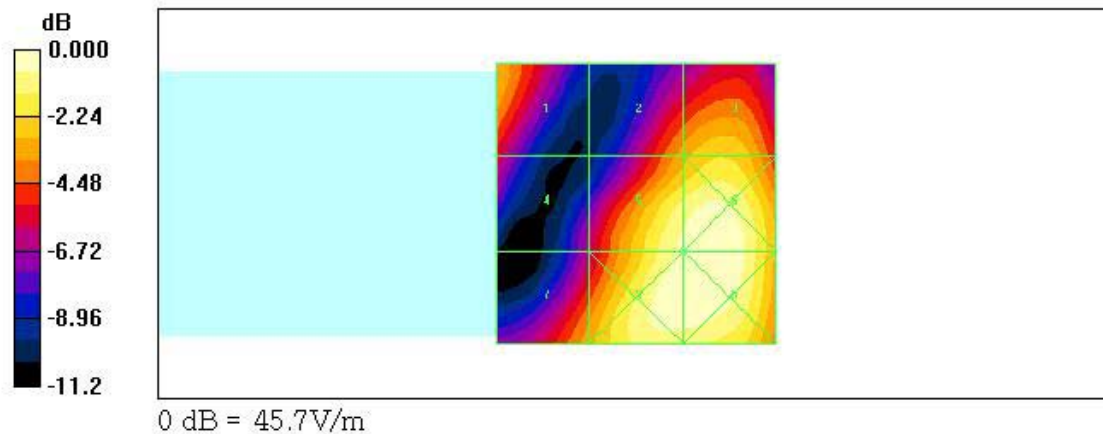
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 43.3 V/m
Probe Modulation Factor = 0.990
Reference Value = 28.1 V/m; Power Drift = -0.082 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
32.7	31.4	35.3
Grid 4	Grid 5	Grid 6
24.5	43.3	45.5
Grid 7	Grid 8	Grid 9
31.2	45.1	45.7



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-8200N; Type: Folder; Serial: #1
Program Name: HAC E Device

Communication System: PCS1900; 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

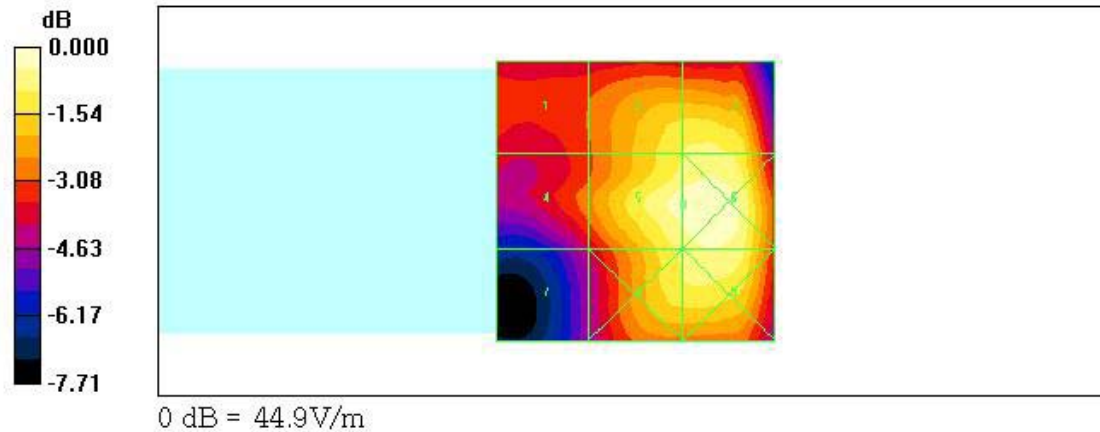
DASY4 Configuration:
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 43.7 V/m
Probe Modulation Factor = 0.990
Reference Value = 38.8 V/m; Power Drift = -0.117 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
31.7	39.9	40.8
Grid 4	Grid 5	Grid 6
32.8	43.7	44.9
Grid 7	Grid 8	Grid 9
28.0	40.9	42.4



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-8200N; Type: Folder; Serial: #1
Program Name: HAC E Device

Communication System: PCS1900; 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

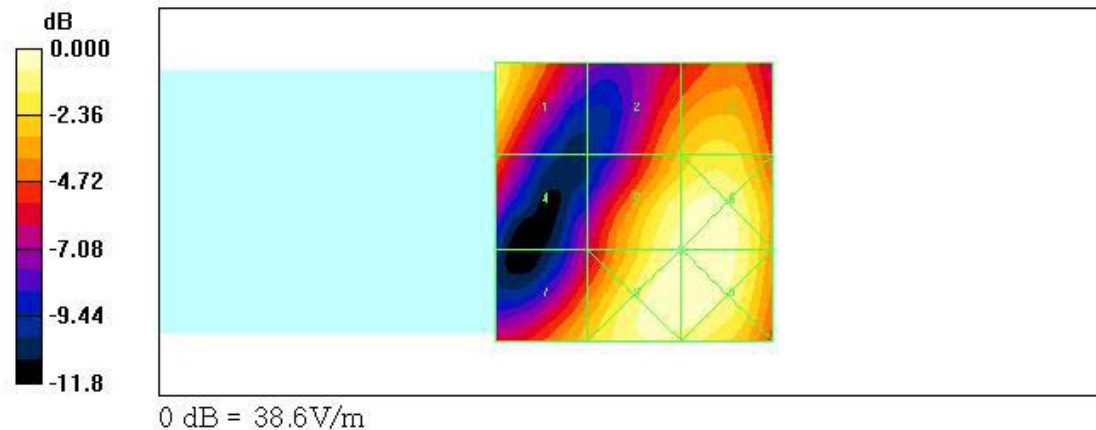
DASY4 Configuration:
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 36.8 V/m
Probe Modulation Factor = 0.990
Reference Value = 23.2 V/m; Power Drift = -0.077 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
33.0	27.8	30.9
Grid 4	Grid 5	Grid 6
24.3	36.8	38.3
Grid 7	Grid 8	Grid 9
28.6	38.4	38.6



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-8200N; Type: Folder; Serial: #1
Program Name: HAC E Device

Communication System: PCS1900; 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

DASY4 Configuration:

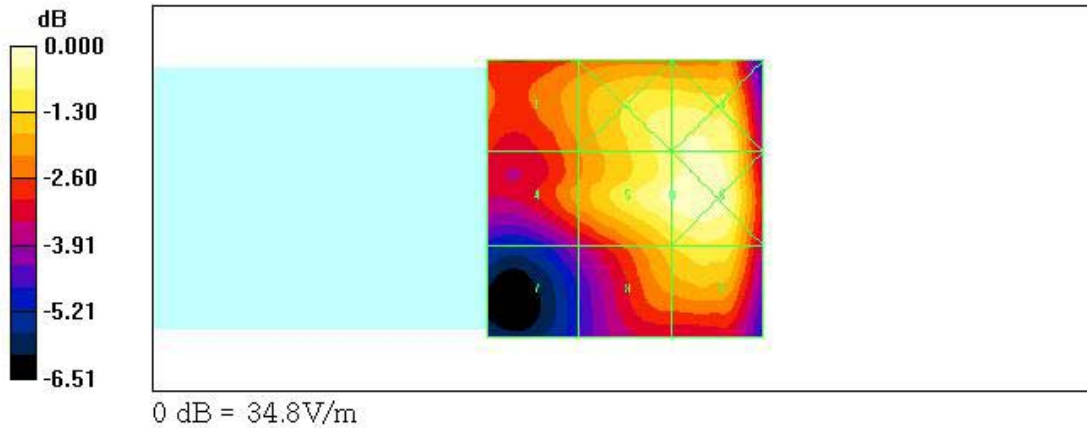
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 33.9 V/m
Probe Modulation Factor = 0.990
Reference Value = 31.2 V/m; Power Drift = -0.057 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
28.0	32.8	33.6
Grid 4	Grid 5	Grid 6
27.7	33.9	34.8
Grid 7	Grid 8	Grid 9
22.5	29.9	31.2



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-8200N; Type: Folder; Serial: #1
Program Name: HAC E Device

Communication System: PCS1900; 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

DASY4 Configuration:

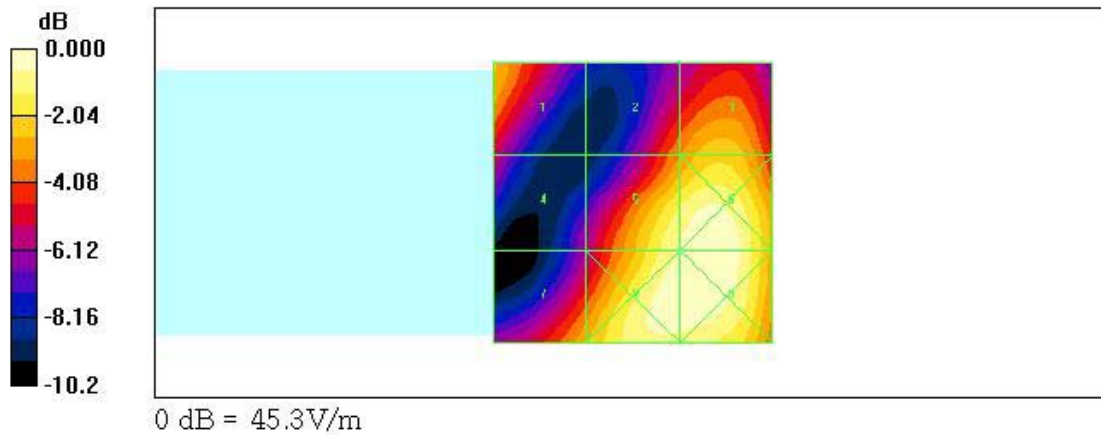
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 42.5 V/m
Probe Modulation Factor = 0.990
Reference Value = 27.5 V/m; Power Drift = -0.067 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
33.7	30.8	35.1
Grid 4	Grid 5	Grid 6
24.9	42.5	45.0
Grid 7	Grid 8	Grid 9
32.5	44.7	45.3



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-S200N; Type: Folder; Serial: #1
Program Name: HAC E Device

Communication System: PCS1900; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0 \text{ mho/m}$, $\epsilon_r = 1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: E Device Section

DASY4 Configuration:

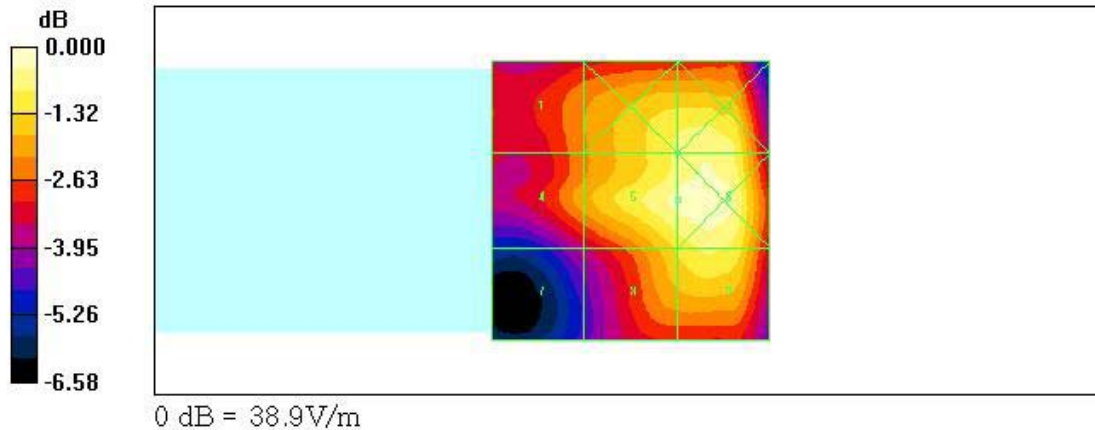
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

E Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 37.8 V/m
Probe Modulation Factor = 0.990
Reference Value = 34.3 V/m; Power Drift = -0.114 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
30.2	35.8	36.8
Grid 4	Grid 5	Grid 6
31.2	37.8	38.9
Grid 7	Grid 8	Grid 9
25.6	33.9	35.6



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-S200N; Type: Folder; Serial: #1
Program Name: HAC H Device

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

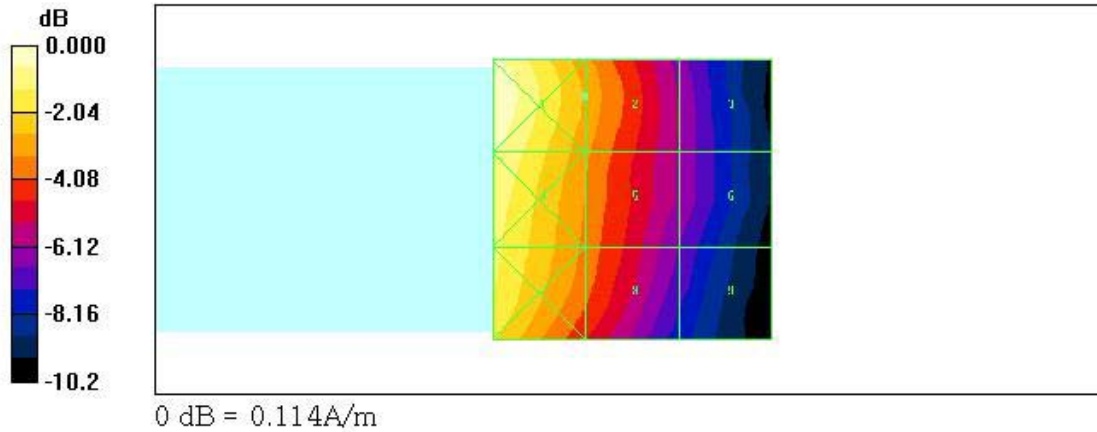
DASY4 Configuration:
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.083 A/m
Probe Modulation Factor = 1.01
Reference Value = 0.062 A/m; Power Drift = -0.016 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.114	0.083	0.056
Grid 4	Grid 5	Grid 6
0.107	0.079	0.056
Grid 7	Grid 8	Grid 9
0.100	0.076	0.052



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-8200N; Type: Folder; Serial: #1
Program Name: HAC H Device

Communication System: CDMA 835MHz FCC; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0 \text{ mho/m}$, $\epsilon_r = 1$; $\rho = 1 \text{ kg/m}^3$
Phantom section: H Device Section

DASY4 Configuration:

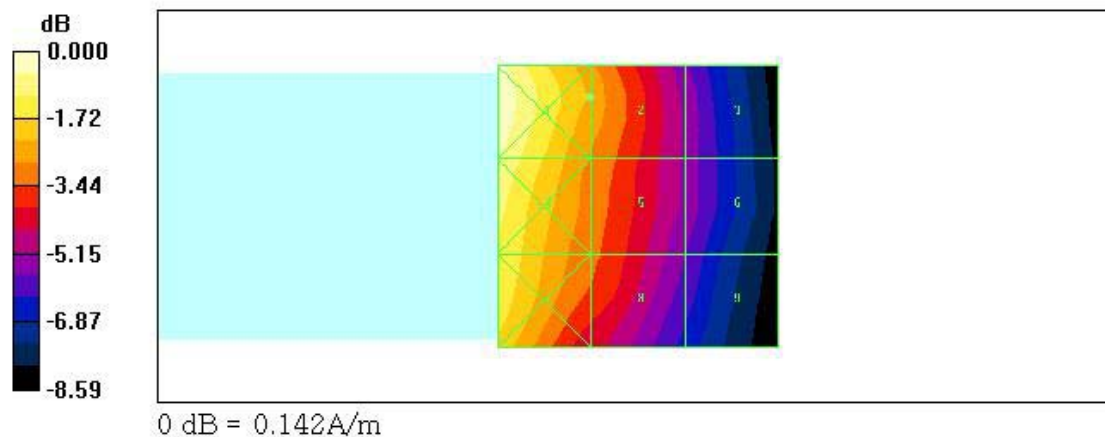
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.108 A/m
Probe Modulation Factor = 1.01
Reference Value = 0.083 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
0.142	0.108	0.077
Grid 4	Grid 5	Grid 6
0.134	0.102	0.077
Grid 7	Grid 8	Grid 9
0.124	0.097	0.074



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-8200N; Type: Folder; Serial: #1
Program Name: HAC H Device

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

DASY4 Configuration:

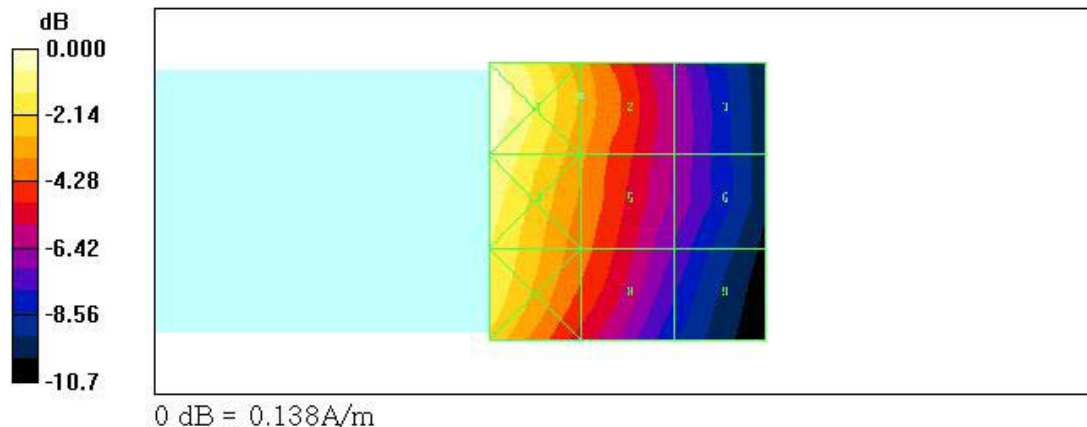
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.098 A/m
Probe Modulation Factor = 1.01
Reference Value = 0.072 A/m; Power Drift = 0.160 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.138	0.098	0.066
Grid 4	Grid 5	Grid 6
0.129	0.094	0.066
Grid 7	Grid 8	Grid 9
0.118	0.087	0.060



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-8200N; Type: Folder; Serial: #1
Program Name: HAC H Device

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

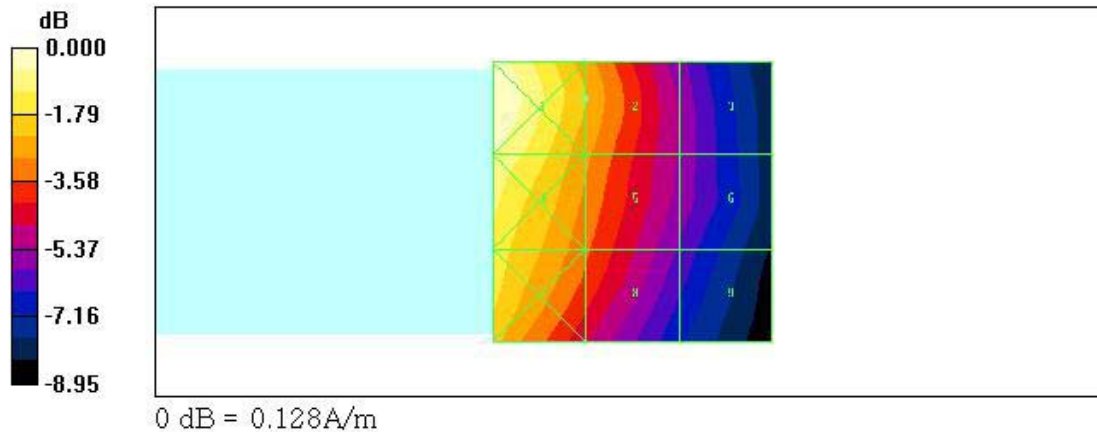
DASY4 Configuration:
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.097 A/m
Probe Modulation Factor = 1.01
Reference Value = 0.073 A/m; Power Drift = -0.003 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.128	0.097	0.069
Grid 4	Grid 5	Grid 6
0.121	0.093	0.068
Grid 7	Grid 8	Grid 9
0.110	0.086	0.064



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-8200N; Type: Folder; Serial: #1
Program Name: HAC H Device

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

DASY4 Configuration:

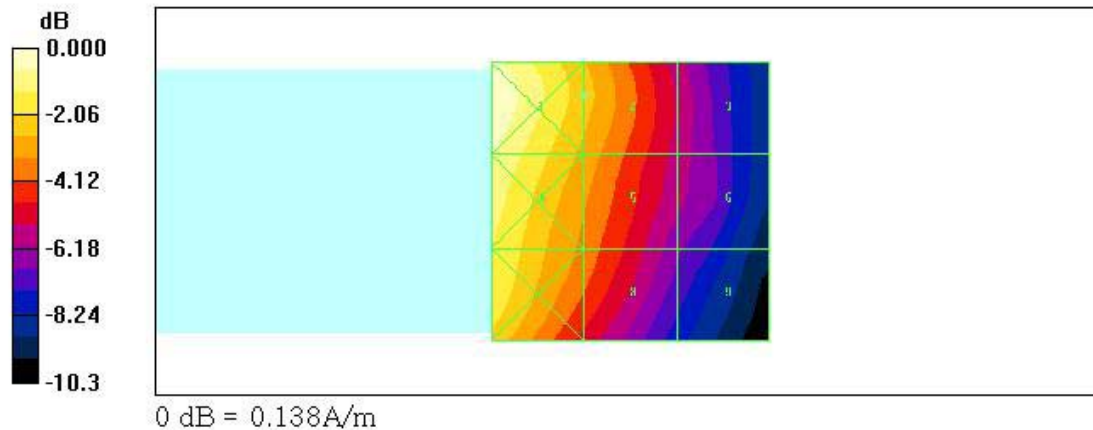
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.104 A/m
Probe Modulation Factor = 1.01
Reference Value = 0.073 A/m; Power Drift = -0.145 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.138	0.104	0.072
Grid 4	Grid 5	Grid 6
0.129	0.099	0.071
Grid 7	Grid 8	Grid 9
0.118	0.091	0.064



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-8200N; Type: Folder; Serial: #1
Program Name: HAC H Device

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

DASY4 Configuration:

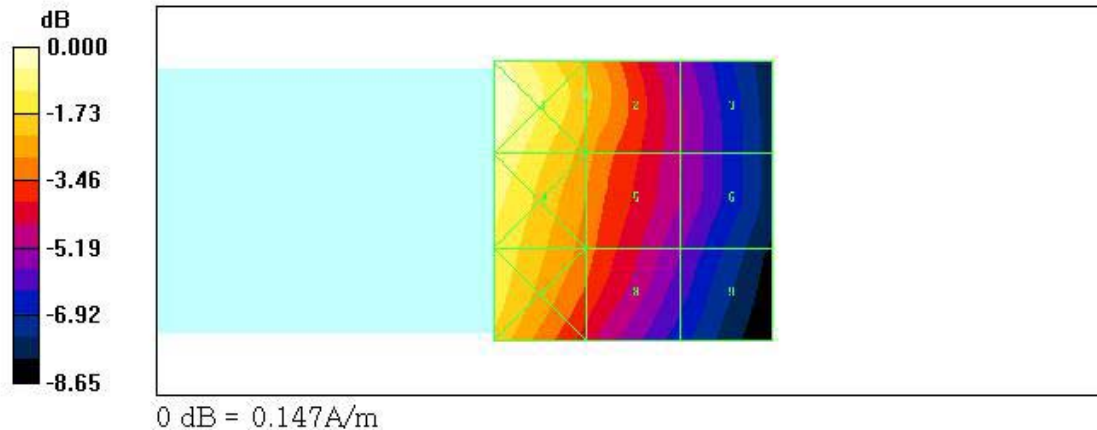
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.115 A/m
Probe Modulation Factor = 1.01
Reference Value = 0.088 A/m; Power Drift = -0.023 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.147	0.115	0.082
Grid 4	Grid 5	Grid 6
0.138	0.109	0.082
Grid 7	Grid 8	Grid 9
0.128	0.102	0.076



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-8200N; Type: Folder; Serial: #1
Program Name: HAC H Device

Communication System: PCS1900; 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

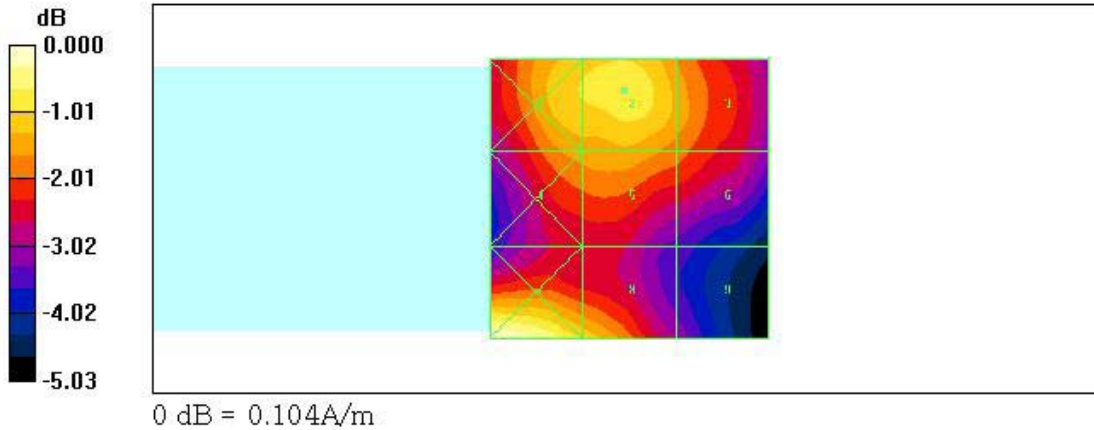
DASY4 Configuration:
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.095 A/m
Probe Modulation Factor = 0.980
Reference Value = 0.080 A/m; Power Drift = 0.087 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.093	0.095	0.088
Grid 4	Grid 5	Grid 6
0.087	0.088	0.084
Grid 7	Grid 8	Grid 9
0.104	0.092	0.073



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-8200N; Type: Folder; Serial: #1
Program Name: HAC H Device

Communication System: PCS1900; 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

DASY4 Configuration:

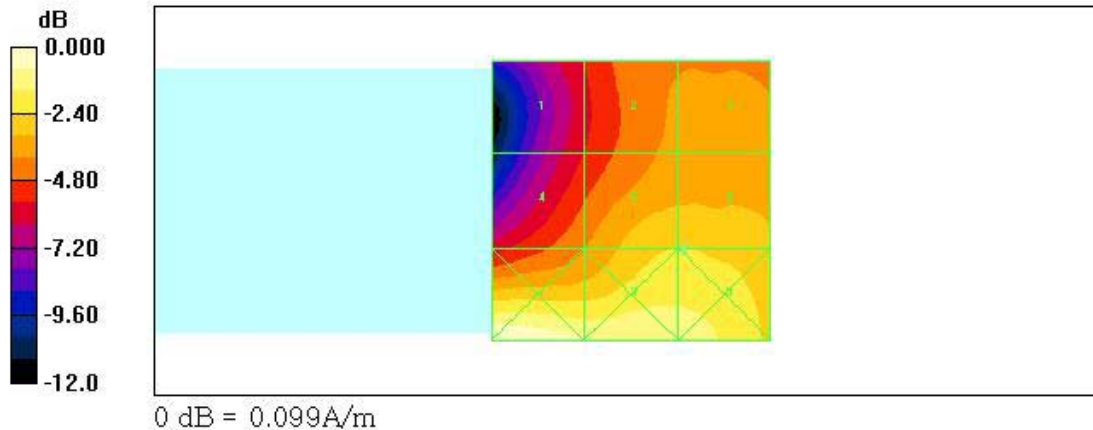
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.075 A/m
Probe Modulation Factor = 0.980
Reference Value = 0.067 A/m; Power Drift = 0.023 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.053	0.064	0.066
Grid 4	Grid 5	Grid 6
0.062	0.075	0.075
Grid 7	Grid 8	Grid 9
0.099	0.092	0.087



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-S200N; Type: Folder; Serial: #1
Program Name: HAC H Device

Communication System: PCS1900; 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

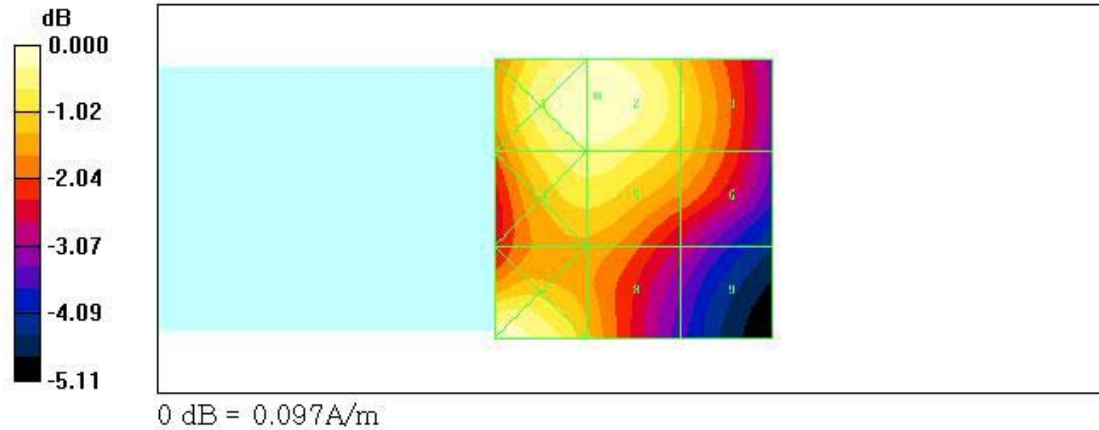
DASY4 Configuration:
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.097 A/m
Probe Modulation Factor = 0.980
Reference Value = 0.085 A/m; Power Drift = 0.073 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.097	0.097	0.087
Grid 4	Grid 5	Grid 6
0.092	0.092	0.085
Grid 7	Grid 8	Grid 9
0.097	0.084	0.070



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-8200N; Type: Folder; Serial: #1
Program Name: HAC H Device

Communication System: PCS1900; 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

DASY4 Configuration:

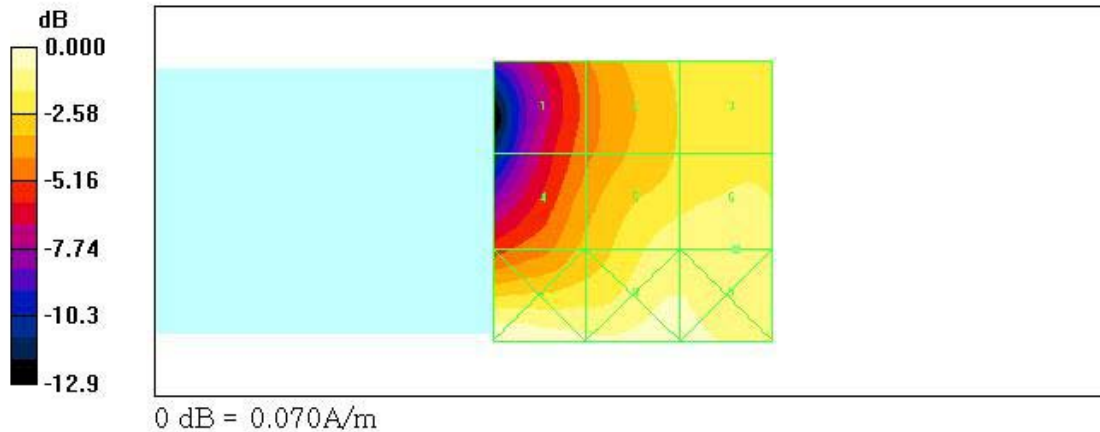
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.061 A/m
Probe Modulation Factor = 0.980
Reference Value = 0.054 A/m; Power Drift = 0.144 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.042	0.054	0.057
Grid 4	Grid 5	Grid 6
0.048	0.061	0.061
Grid 7	Grid 8	Grid 9
0.070	0.066	0.065



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-8200N; Type: Folder; Serial: #1
Program Name: HAC H Device

Communication System: PCS1900; 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

DASY4 Configuration:

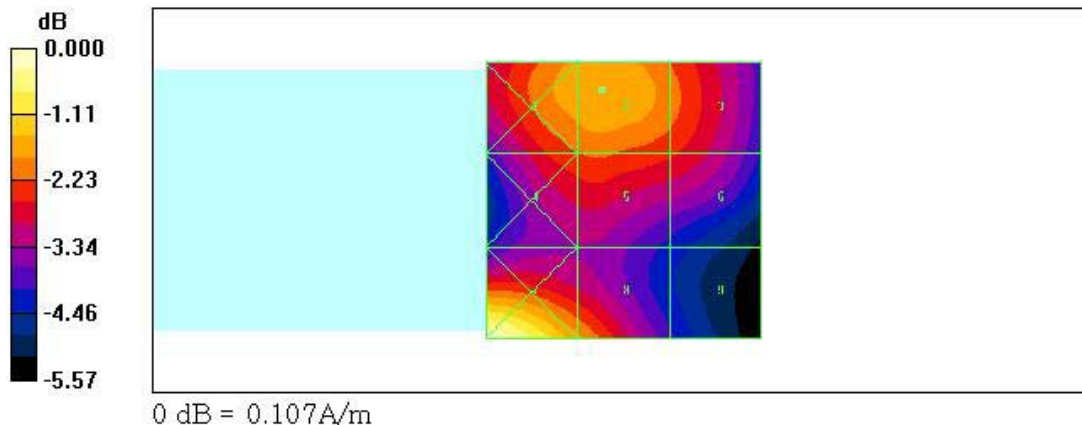
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.090 A/m
Probe Modulation Factor = 0.980
Reference Value = 0.078 A/m; Power Drift = -0.069 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.089	0.090	0.084
Grid 4	Grid 5	Grid 6
0.083	0.084	0.080
Grid 7	Grid 8	Grid 9
0.107	0.088	0.068



Test Laboratory: HCT

Company : Pantech co., Ltd.
Liquid Temperature : 21.5 °C
Date Tested : March 31, 2006

DUT: PC-8200N; Type: Folder; Serial: #1
Program Name: HAC H Device

Communication System: PCS1900; 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

DASY4 Configuration:

- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

H Scan 10mm above Device Reference/Hearing Aid Compatibility Test (101x101x1):

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.061 A/m
Probe Modulation Factor = 0.980
Reference Value = 0.046 A/m; Power Drift = -0.199 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.035	0.047	0.051
Grid 4	Grid 5	Grid 6
0.043	0.060	0.061
Grid 7	Grid 8	Grid 9
0.080	0.074	0.072

