

ATTACHMENT A – HAC TEST PLOTS

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : in / Channel : 1013
Date Tested : May 3, 2006

DUT: PN-E330; 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 ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

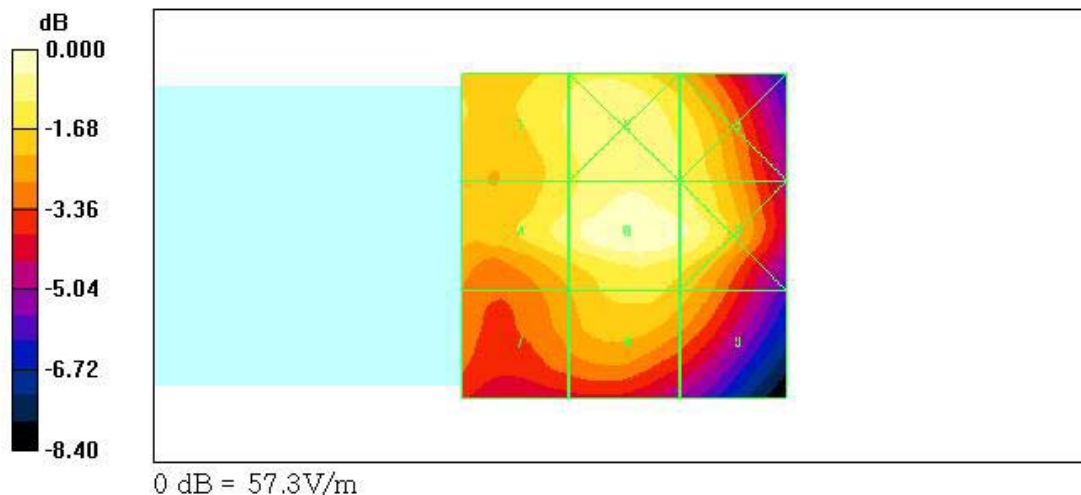
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 57.3 V/m
Probe Modulation Factor = 1.00
Reference Value = 53.9 V/m; Power Drift = -0.042 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
51.0	53.5	50.8
Grid 4	Grid 5	Grid 6
52.4	57.3	54.7
Grid 7	Grid 8	Grid 9
44.2	48.2	45.9



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : out / Channel : 1013
Date Tested : May 3, 2006

DUT: PN-E330; 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 ; Measurement SW: DASY4, V4.6 Build 23

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 = 45.3 V/m

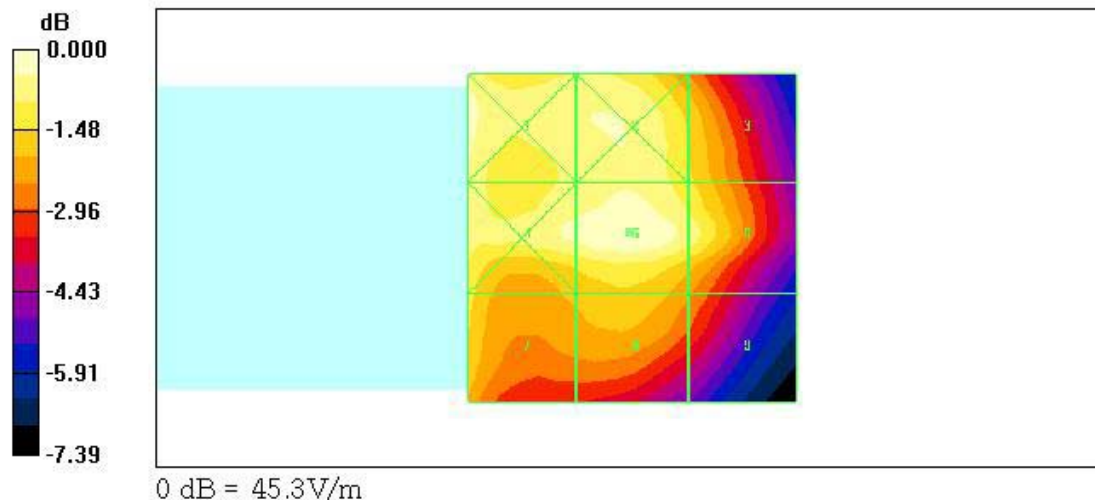
Probe Modulation Factor = 1.00

Reference Value = 42.6 V/m; Power Drift = -0.047 dB

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

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
44.4	42.9	38.9
Grid 4	Grid 5	Grid 6
43.5	45.3	41.9
Grid 7	Grid 8	Grid 9
39.3	37.9	34.5



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : in / Channel : 384
Date Tested : May 3, 2006

DUT: PN-E330; 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 ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

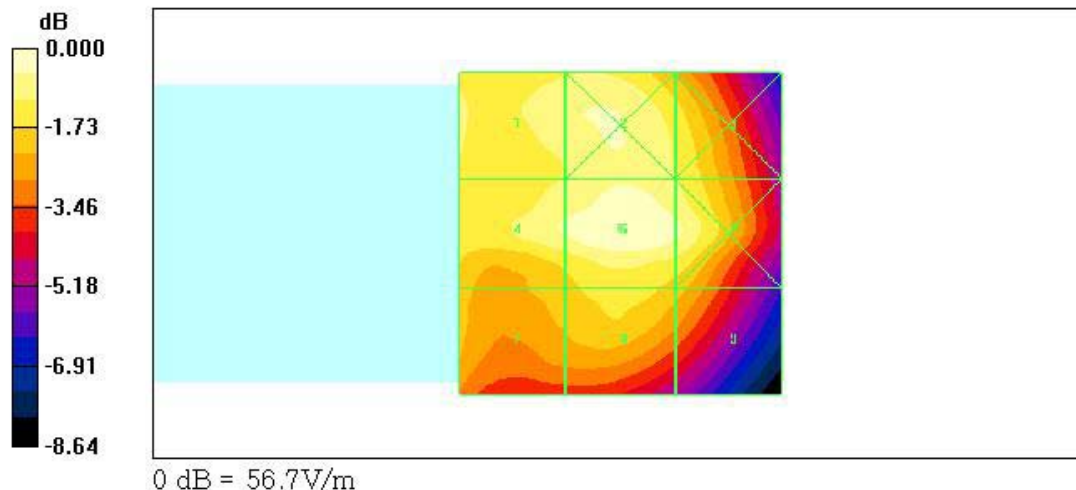
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 56.7 V/m
Probe Modulation Factor = 1.00
Reference Value = 54.0 V/m; Power Drift = -0.113 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
51.9	53.4	50.1
Grid 4	Grid 5	Grid 6
53.5	56.7	53.9
Grid 7	Grid 8	Grid 9
45.6	48.1	45.1



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : out / Channel : 384
Date Tested : May 3, 2006

DUT: PN-E330; 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: $\sigma = 0 \text{ mho/m}$, $\epsilon_r = 1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: E Device Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

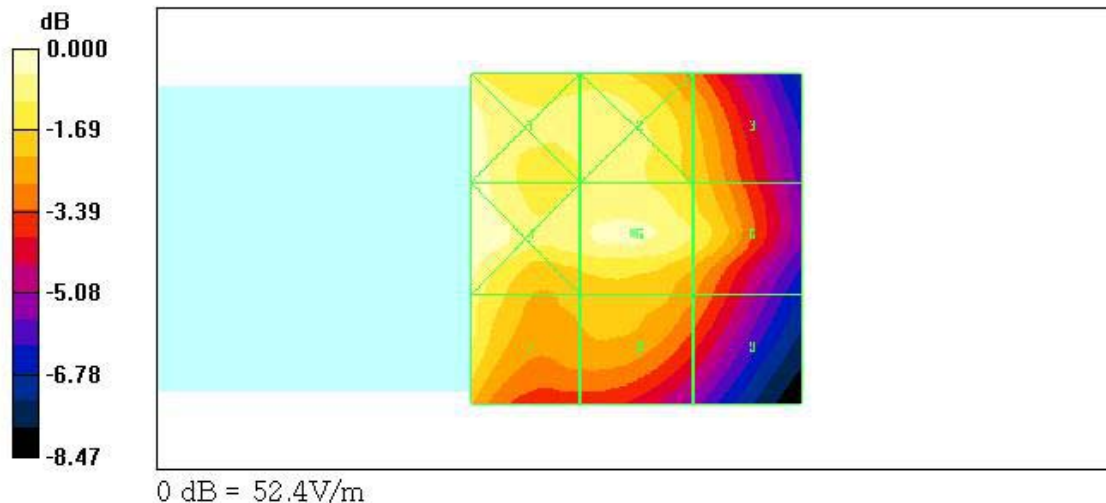
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 50.1 V/m
Probe Modulation Factor = 1.00
Reference Value = 47.9 V/m; Power Drift = -0.118 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
51.9	47.6	42.6
Grid 4	Grid 5	Grid 6
52.4	50.1	46.0
Grid 7	Grid 8	Grid 9
47.6	42.2	38.2



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : in / Channel : 777
Date Tested : May 3, 2006

DUT: PN-E330; 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: $\sigma = 0 \text{ mho/m}$, $\epsilon_r = 1$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: E Device Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

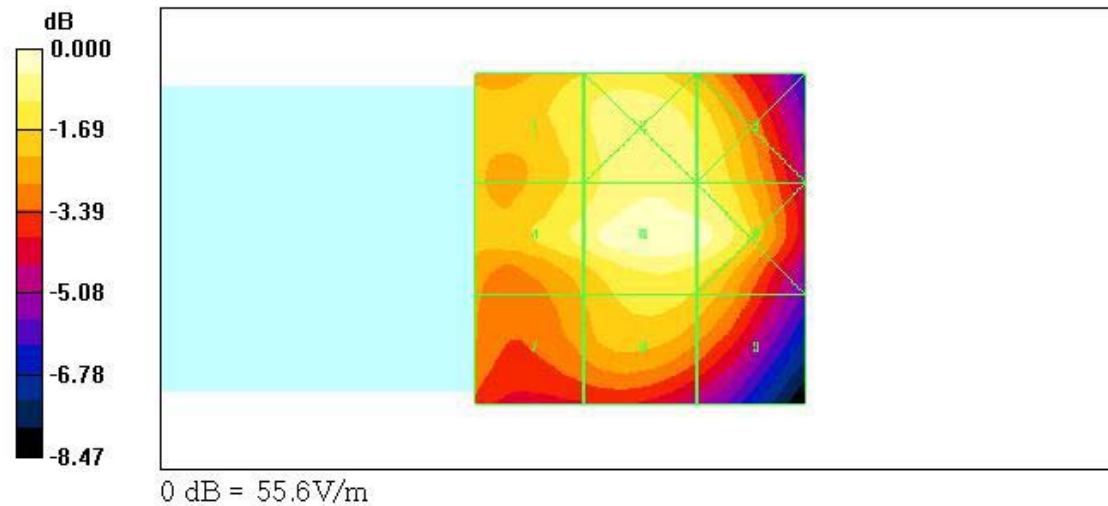
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 55.6 V/m
Probe Modulation Factor = 1.00
Reference Value = 51.7 V/m; Power Drift = -0.105 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
48.4	51.4	49.8
Grid 4	Grid 5	Grid 6
50.3	55.6	53.9
Grid 7	Grid 8	Grid 9
43.1	47.2	45.3



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : CDMA835 / Antenna : out / Channel : 777

Date Tested : May 3, 2006

DUT: PN-E330; 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 ; Measurement SW: DASY4, V4.6 Build 23

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 = 34.1 V/m

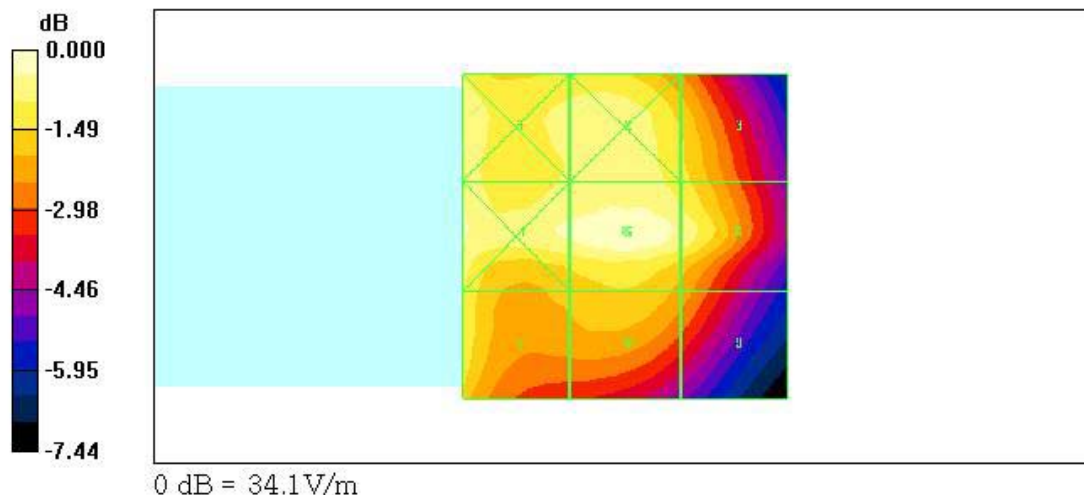
Probe Modulation Factor = 1.00

Reference Value = 32.0 V/m; Power Drift = -0.004 dB

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

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
32.4	31.8	29.5
Grid 4	Grid 5	Grid 6
32.6	34.1	32.0
Grid 7	Grid 8	Grid 9
30.7	28.7	26.6



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : in / Channel : 25
Date Tested : May 3, 2006

DUT: PN-E330; 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 ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

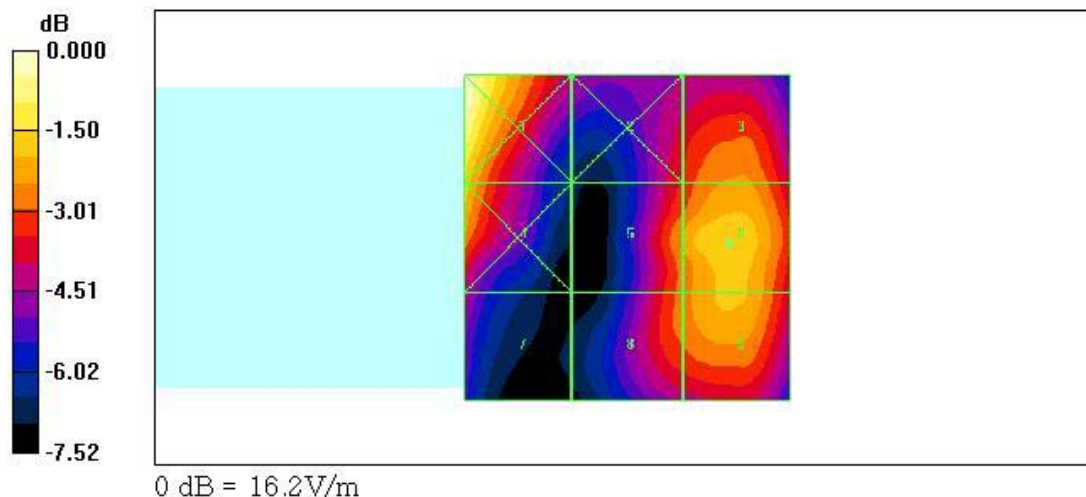
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 13.3 V/m
Probe Modulation Factor = 0.980
Reference Value = 7.09 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
16.2	11.0	12.3
Grid 4	Grid 5	Grid 6
13.5	12.2	13.3
Grid 7	Grid 8	Grid 9
9.99	11.8	13.0



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : out / Channel : 25
Date Tested : May 3, 2006

DUT: PN-E330; 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 ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

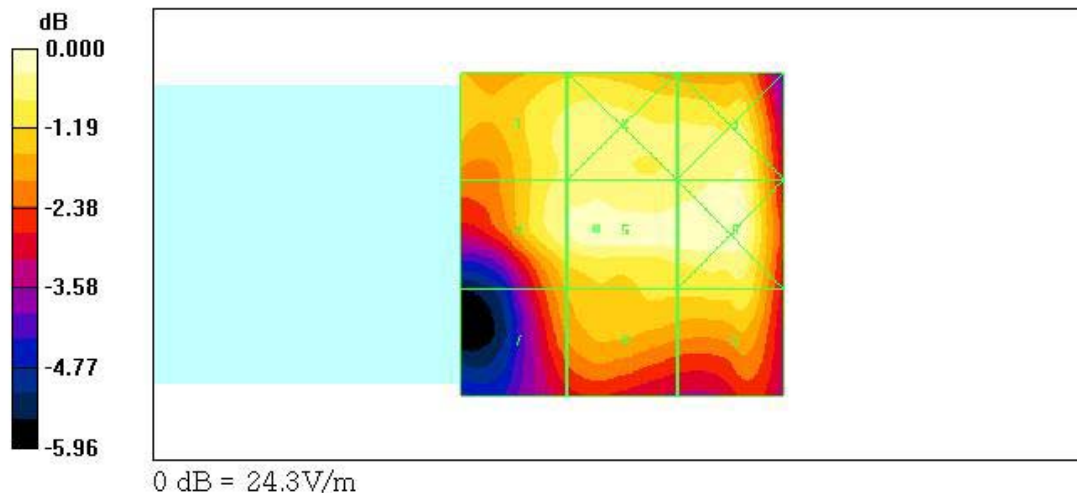
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 24.2 V/m
Probe Modulation Factor = 0.980
Reference Value = 23.7 V/m; Power Drift = -0.051 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
22.5	22.8	23.3
Grid 4	Grid 5	Grid 6
23.4	24.2	24.3
Grid 7	Grid 8	Grid 9
20.4	21.4	22.0



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : in / Channel : 600
Date Tested : May 3, 2006

DUT: PN-E330; 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 ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

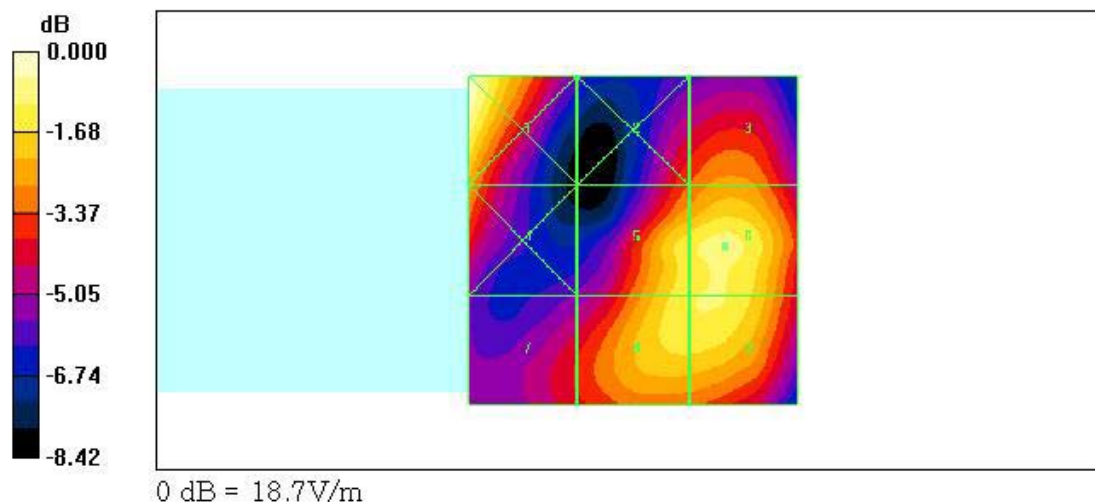
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 16.9 V/m
Probe Modulation Factor = 0.980
Reference Value = 10.0 V/m; Power Drift = -0.138 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
18.7	12.7	13.9
Grid 4	Grid 5	Grid 6
14.3	16.2	16.9
Grid 7	Grid 8	Grid 9
12.1	16.3	16.5



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : out / Channel : 600
Date Tested : May 3, 2006

DUT: PN-E330; Type: Folder; Serial: #1
Program Name: HAC E Device

Communication System: PCS1900; Frequency: 1880 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 ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

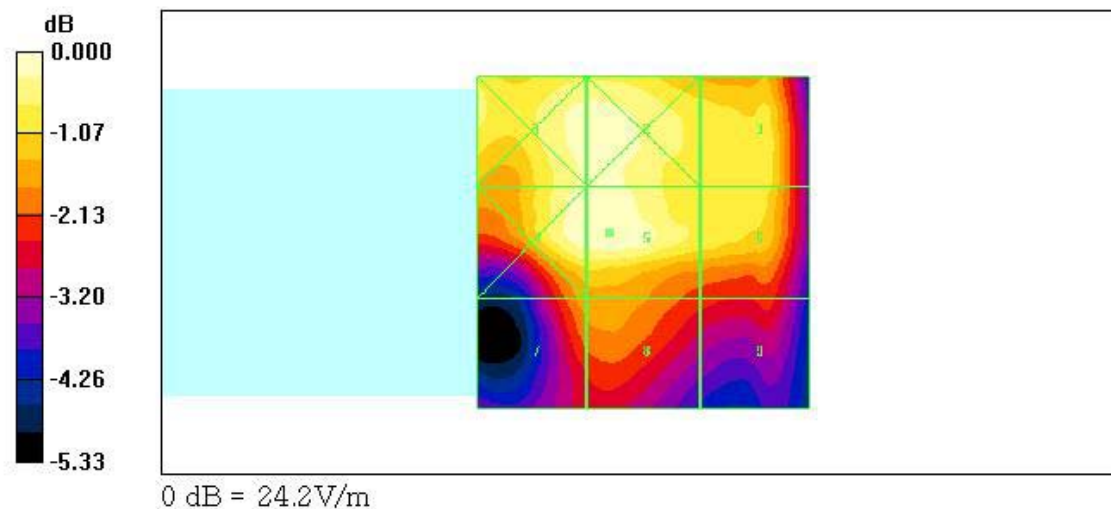
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 24.2 V/m
Probe Modulation Factor = 0.980
Reference Value = 23.2 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
23.7	23.7	22.2
Grid 4	Grid 5	Grid 6
24.1	24.2	22.2
Grid 7	Grid 8	Grid 9
20.2	20.4	18.5



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : in / Channel : 1175
Date Tested : May 3, 2006

DUT: PN-E330; 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 ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

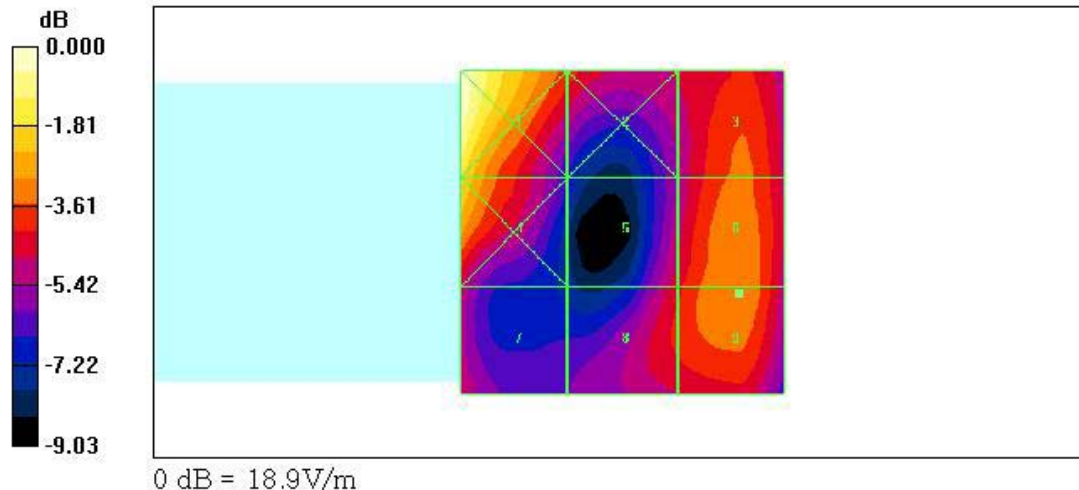
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 13.4 V/m
Probe Modulation Factor = 0.980
Reference Value = 6.18 V/m; Power Drift = -0.074 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
18.9	12.2	12.7
Grid 4	Grid 5	Grid 6
15.8	11.4	13.4
Grid 7	Grid 8	Grid 9
11.1	11.9	13.4



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : out / Channel : 1175
Date Tested : May 3 , 2006

DUT: PN-E330; 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 ; Measurement SW: DASY4, V4.6 Build 23

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 = 25.2 V/m

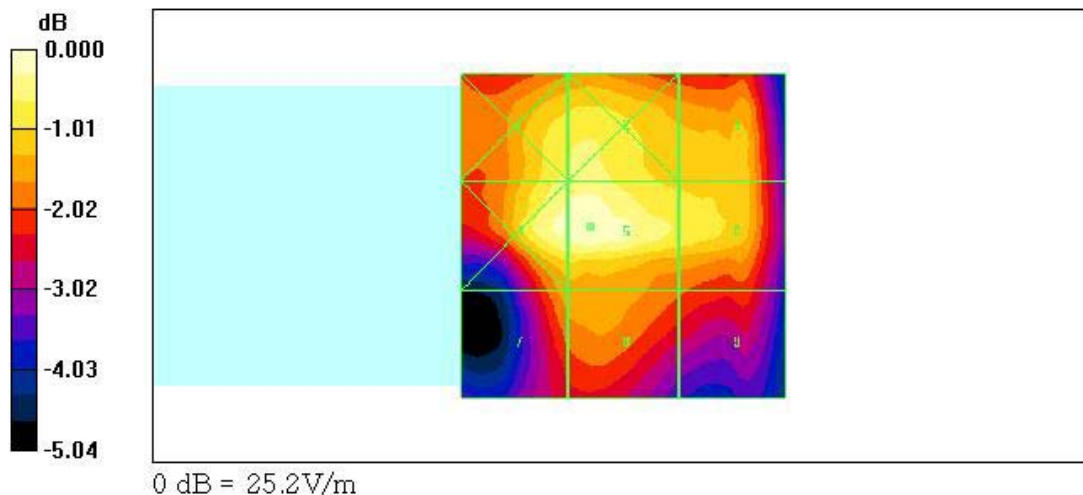
Probe Modulation Factor = 0.980

Reference Value = 24.0 V/m; Power Drift = 0.104 dB

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

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
23.6	23.8	22.3
Grid 4	Grid 5	Grid 6
24.8	25.2	23.3
Grid 7	Grid 8	Grid 9
21.3	21.5	20.1



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : CDMA835 / Antenna : in / Channel : 1013

Date Tested : May 3, 2006

DUT: PN-E330; 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 ;Measurement SW: DASY4, V4.6 Build 23

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 = 0.087 A/m

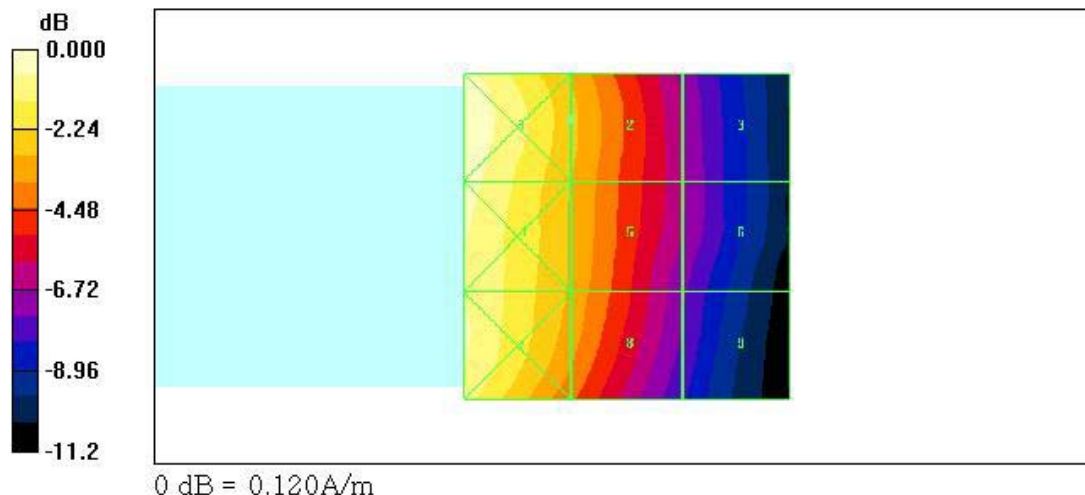
Probe Modulation Factor = 1.02

Reference Value = 0.064 A/m; Power Drift = -0.046 dB

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

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.120	0.087	0.056
Grid 4	Grid 5	Grid 6
0.115	0.085	0.056
Grid 7	Grid 8	Grid 9
0.112	0.084	0.052



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : out / Channel : 1013
Date Tested : May 3, 2006

DUT: PN-E330; 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 ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

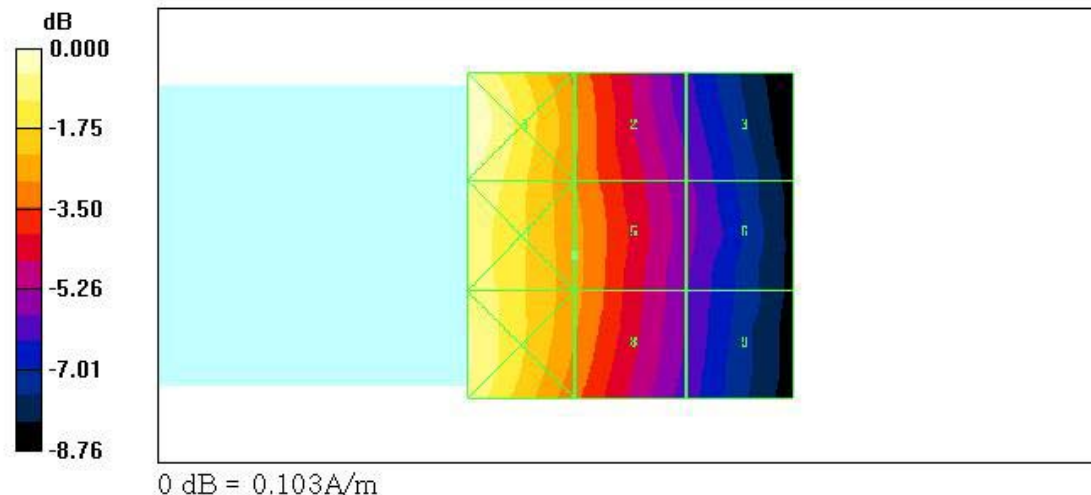
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 1.02
Reference Value = 0.059 A/m; Power Drift = -0.082 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.103	0.075	0.054
Grid 4	Grid 5	Grid 6
0.098	0.075	0.054
Grid 7	Grid 8	Grid 9
0.097	0.075	0.053



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : in / Channel : 384
Date Tested : May 3, 2006

DUT: PN-E330; 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: $\sigma = 0 \text{ mho/m}$, $\epsilon_r = 1$; $\rho = 1 \text{ kg/m}^3$
Phantom section: H Device Section ;Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

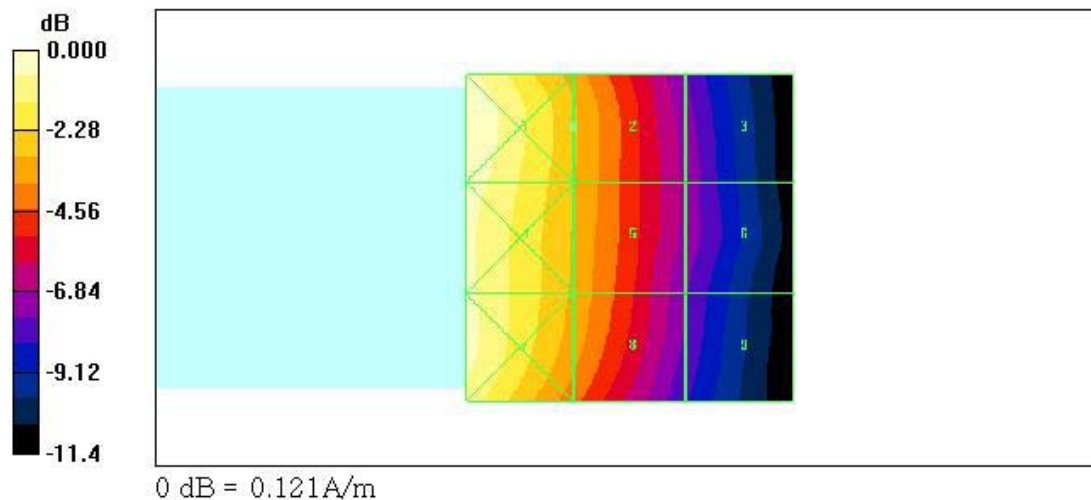
- Probe: H3DV6 - SN6101; , Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.087 A/m
Probe Modulation Factor = 1.02
Reference Value = 0.064 A/m; Power Drift = -0.009 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.121	0.087	0.054
Grid 4	Grid 5	Grid 6
0.117	0.086	0.054
Grid 7	Grid 8	Grid 9
0.115	0.084	0.051



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : out / Channel : 384
Date Tested : May 3, 2006

DUT: PN-E330; 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: $\sigma = 0 \text{ mho/m}$, $\epsilon_r = 1$; $\rho = 1 \text{ kg/m}^3$
Phantom section: H Device Section ;Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

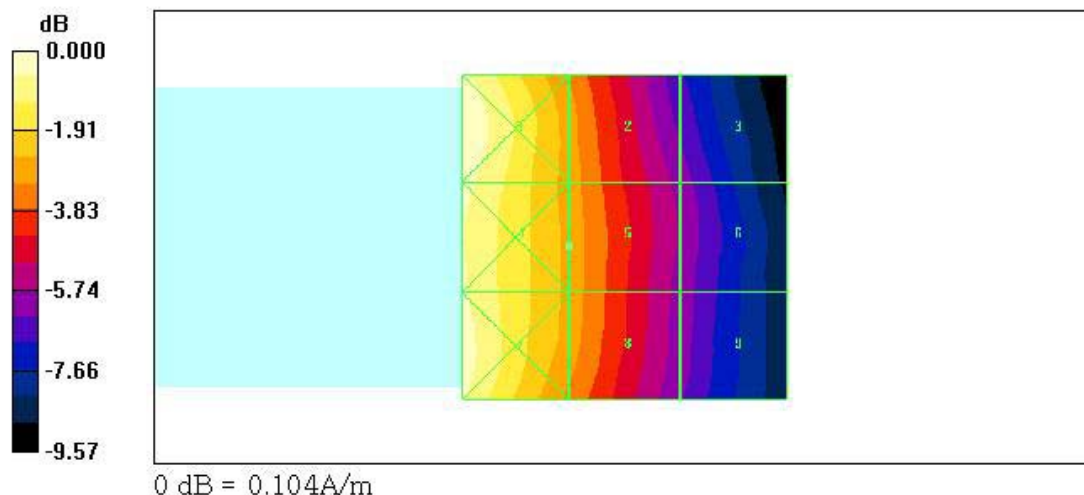
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.076 A/m
Probe Modulation Factor = 1.02
Reference Value = 0.058 A/m; Power Drift = 0.137 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.104	0.075	0.052
Grid 4	Grid 5	Grid 6
0.100	0.076	0.053
Grid 7	Grid 8	Grid 9
0.100	0.076	0.052



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : in / Channel : 777
Date Tested : May 3, 2006

DUT: PN-E330; 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: $\sigma = 0 \text{ mho/m}$, $\epsilon_r = 1$; $\rho = 1 \text{ kg/m}^3$
Phantom section: H Device Section ;Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

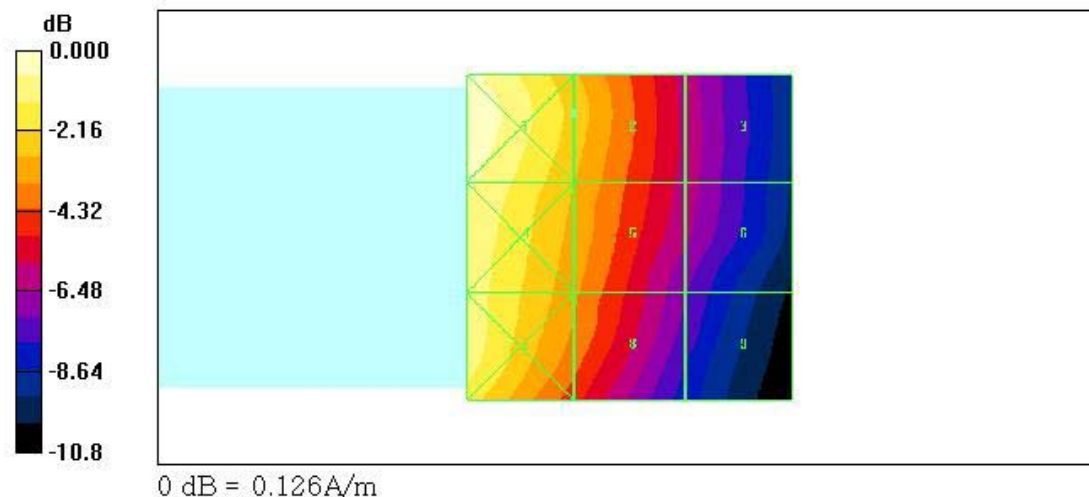
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 1.02
Reference Value = 0.067 A/m; Power Drift = 0.056 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.126	0.095	0.064
Grid 4	Grid 5	Grid 6
0.118	0.091	0.063
Grid 7	Grid 8	Grid 9
0.112	0.085	0.056



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : out / Channel : 777
Date Tested : May 3, 2006

DUT: PN-E330; 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 ;Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

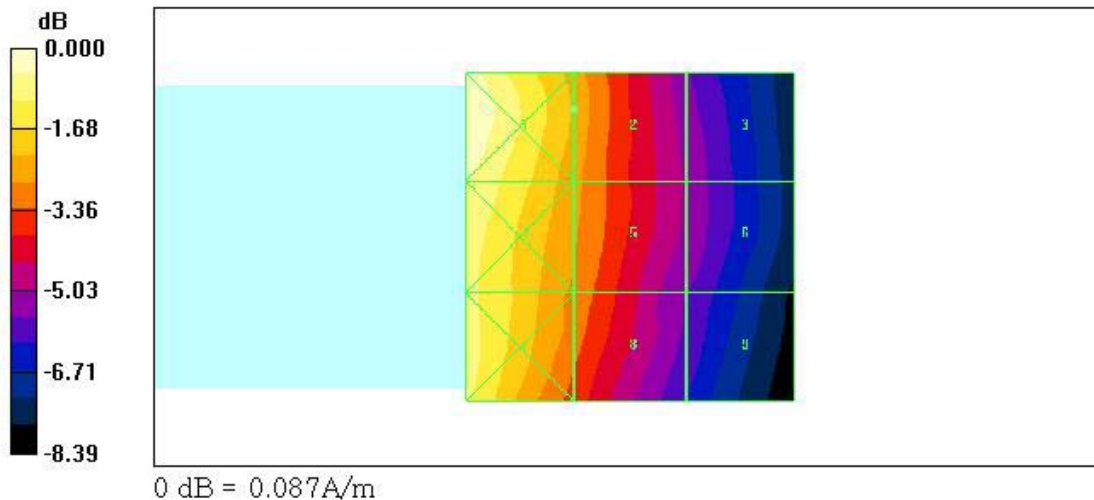
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.067 A/m
Probe Modulation Factor = 1.02
Reference Value = 0.050 A/m; Power Drift = 0.104 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.087	0.067	0.048
Grid 4	Grid 5	Grid 6
0.082	0.064	0.048
Grid 7	Grid 8	Grid 9
0.079	0.062	0.046



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : in / Channel : 25
Date Tested : May 3, 2006

DUT: PN-E330; Type: Folder; Serial: #1
Program Name: HAC H Device

Communication System: PCS1900; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0 \text{ mho/m}$, $\epsilon_r = 1$; $\rho = 1 \text{ kg/m}^3$
Phantom section: H Device Section ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

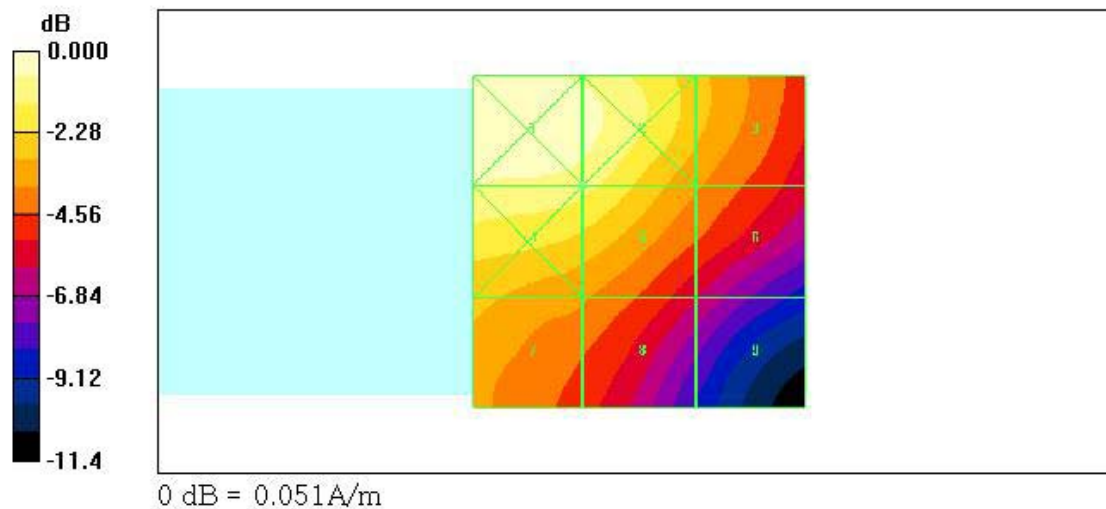
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.044 A/m
Probe Modulation Factor = 0.980
Reference Value = 0.032 A/m; Power Drift = 0.004 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.051	0.048	0.038
Grid 4	Grid 5	Grid 6
0.047	0.044	0.034
Grid 7	Grid 8	Grid 9
0.037	0.033	0.026



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : out / Channel : 25
Date Tested : May 3, 2006

DUT: PN-E330; 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 ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

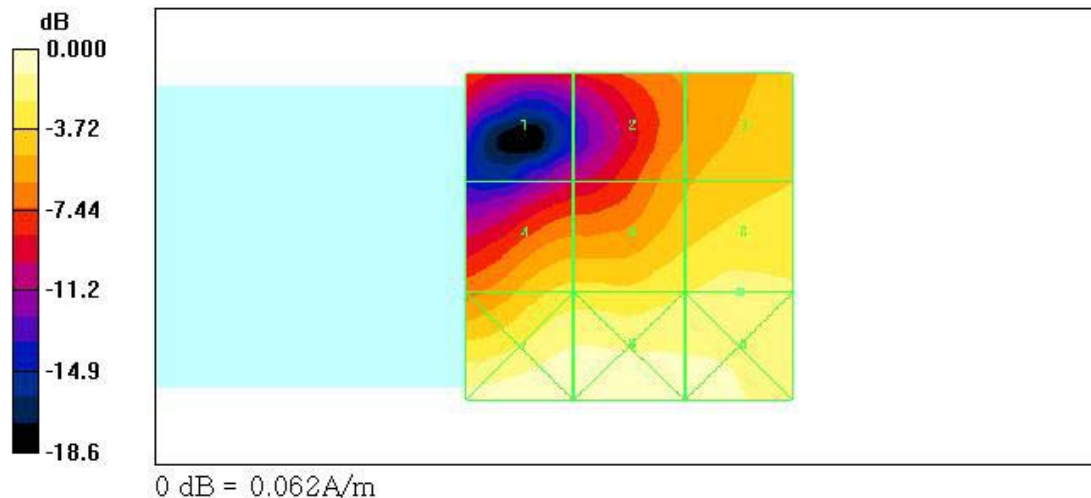
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.049 A/m
Probe Modulation Factor = 0.980
Reference Value = 0.036 A/m; Power Drift = -0.080 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.026	0.034	0.040
Grid 4	Grid 5	Grid 6
0.043	0.046	0.049
Grid 7	Grid 8	Grid 9
0.062	0.062	0.058



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : in / Channel : 600
Date Tested : May 3, 2006

DUT: PN-E330; 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 ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

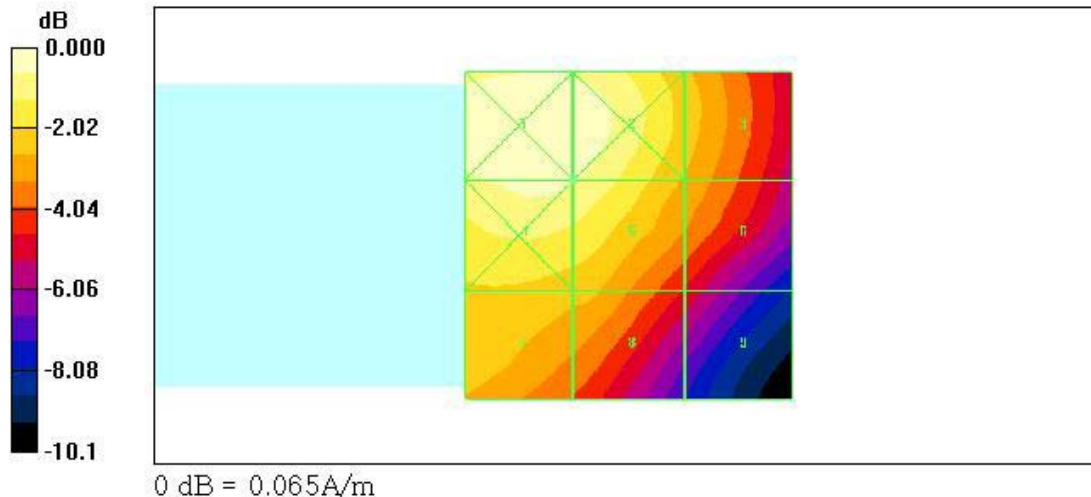
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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 = 0.049 A/m; Power Drift = 0.006 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.065	0.064	0.050
Grid 4	Grid 5	Grid 6
0.062	0.061	0.047
Grid 7	Grid 8	Grid 9
0.051	0.049	0.037



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : out / Channel : 600
Date Tested : May 3, 2006

DUT: PN-E330; 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 ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

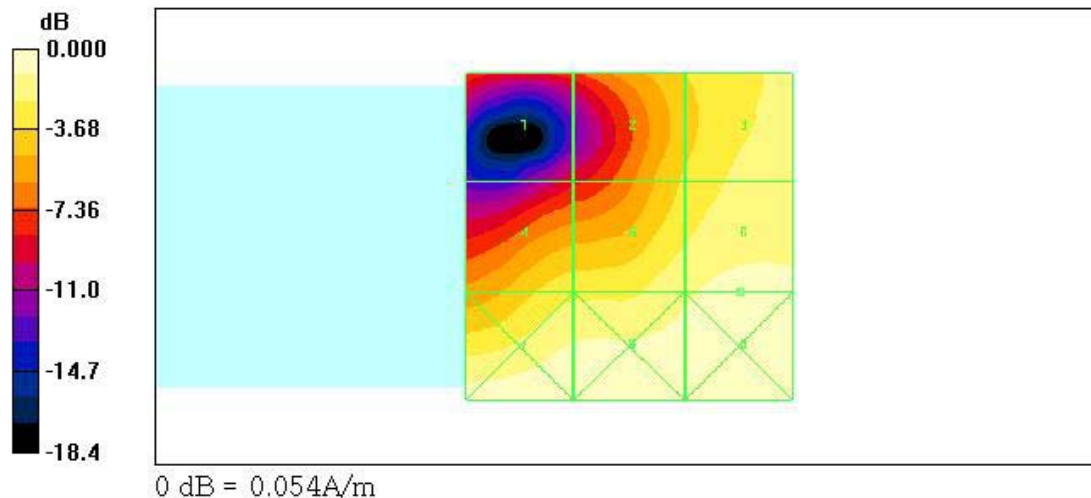
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.048 A/m
Probe Modulation Factor = 0.980
Reference Value = 0.035 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
0.023	0.036	0.044
Grid 4	Grid 5	Grid 6
0.039	0.046	0.048
Grid 7	Grid 8	Grid 9
0.053	0.054	0.051



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : in / Channel : 1175
Date Tested : May 3, 2006

DUT: PN-E330; 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 ; Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:

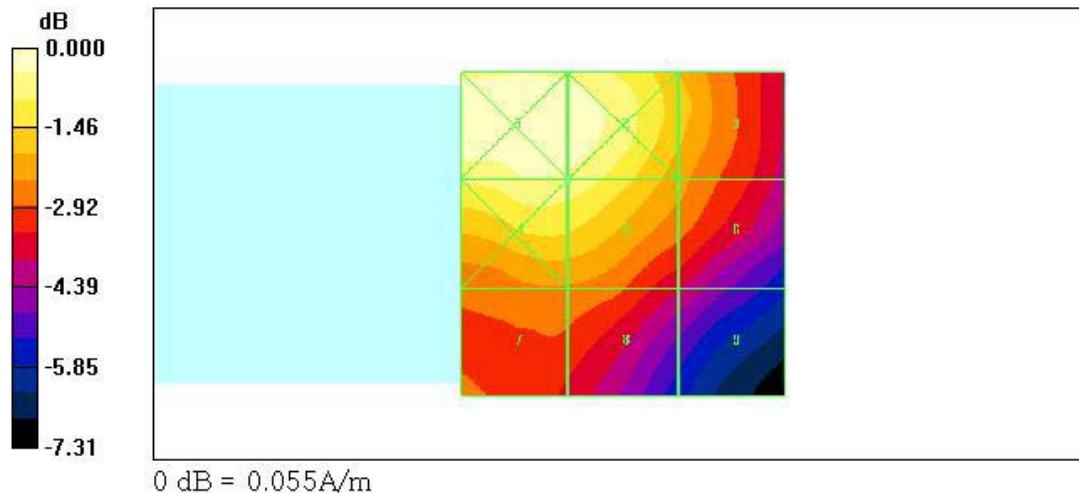
- Probe: H3DV6 - SN6101; , Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.051 A/m
Probe Modulation Factor = 0.980
Reference Value = 0.041 A/m; Power Drift = 0.002 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.055	0.055	0.045
Grid 4	Grid 5	Grid 6
0.052	0.051	0.043
Grid 7	Grid 8	Grid 9
0.041	0.041	0.035



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : out / Channel : 1175
Date Tested : May 3, 2006

DUT: PN-E330; 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 ; Measurement SW: DASY4, V4.6 Build 23

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 = 0.046 A/m
Probe Modulation Factor = 0.980
Reference Value = 0.030 A/m; Power Drift = -0.058 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.026	0.030	0.038
Grid 4	Grid 5	Grid 6
0.038	0.043	0.046
Grid 7	Grid 8	Grid 9
0.057	0.057	0.053

