

ATTACHMENT A – HAC TEST PLOTS

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : In / Channel : 1013
Date Tested : March 31, 2006

DUT: PN-218; 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:

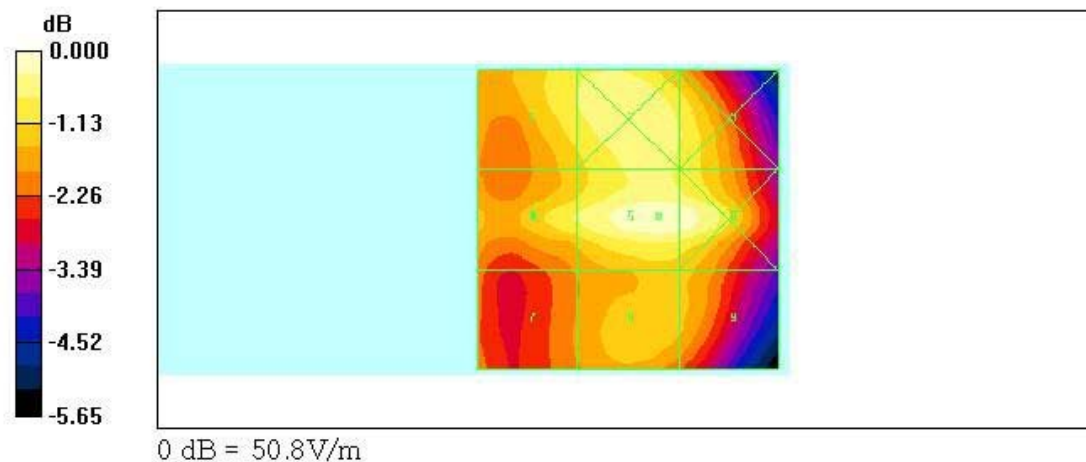
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 50.8 V/m
Probe Modulation Factor = 1.00
Reference Value = 45.5 V/m; Power Drift = 0.121 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
46.6	48.4	46.7
Grid 4	Grid 5	Grid 6
46.8	50.8	50.1
Grid 7	Grid 8	Grid 9
41.2	44.3	43.7



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : out / Channel : 1013
Date Tested : March 31, 2006

DUT: PN-218; 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:

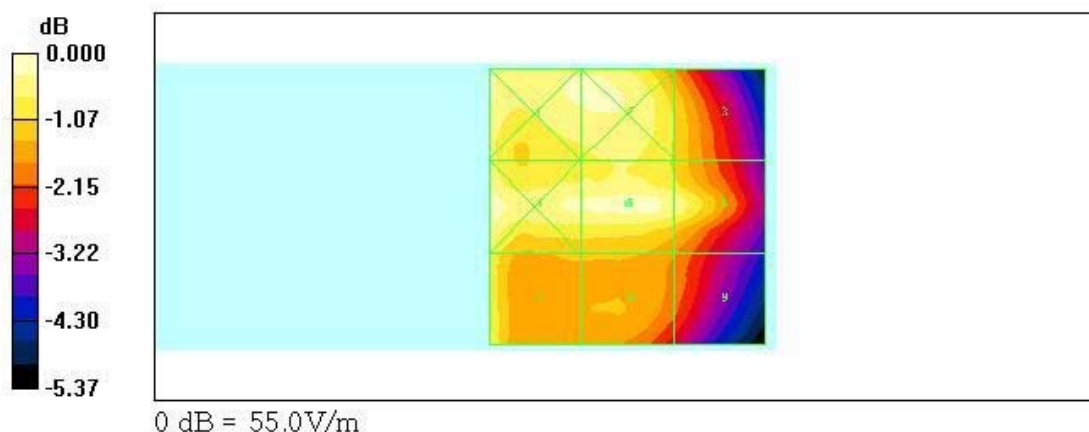
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 53.8 V/m
Probe Modulation Factor = 1.00
Reference Value = 50.2 V/m; Power Drift = 0.029 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
53.7	53.3	48.6
Grid 4	Grid 5	Grid 6
55.0	53.8	52.0
Grid 7	Grid 8	Grid 9
51.6	47.1	44.9



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : CDMA835 / Antenna : in / Channel : 384

Date Tested : March 31, 2006

DUT: PN-218; 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

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 = 48.1 V/m

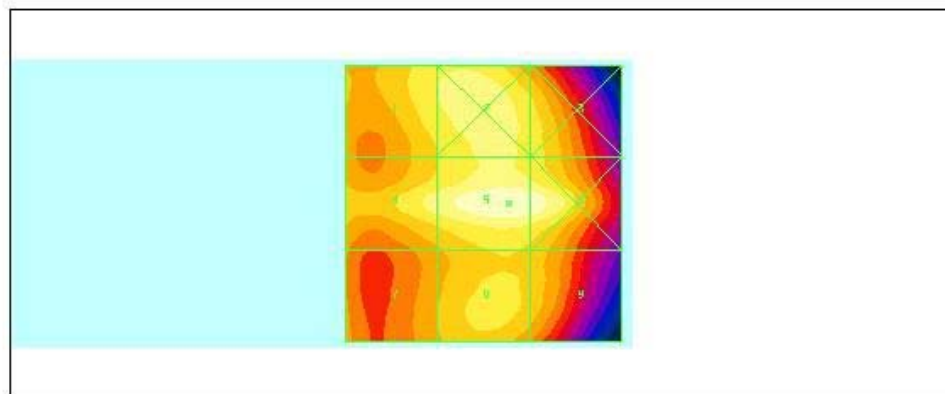
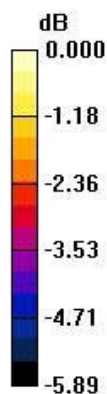
Probe Modulation Factor = 1.00

Reference Value = 44.5 V/m; Power Drift = -0.058 dB

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

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
43.9	45.4	43.2
Grid 4	Grid 5	Grid 6
44.8	48.1	47.3
Grid 7	Grid 8	Grid 9
40.1	42.8	41.6



0 dB = 48.1 V/m

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : out / Channel : 384
Date Tested : March 31, 2006

DUT: PN-218; 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

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 = 47.7 V/m

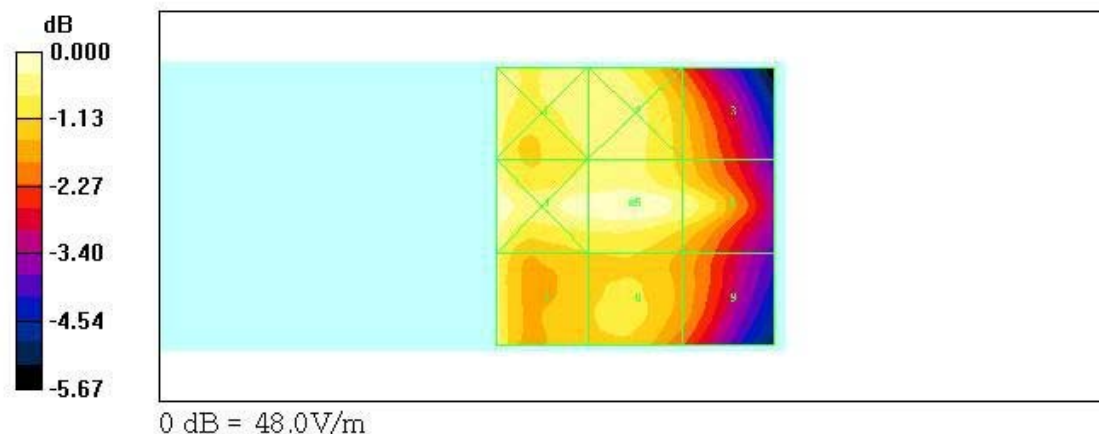
Probe Modulation Factor = 1.00

Reference Value = 44.6 V/m; Power Drift = 0.031 dB

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

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
46.2	46.0	41.4
Grid 4	Grid 5	Grid 6
48.0	47.7	45.5
Grid 7	Grid 8	Grid 9
45.4	42.8	40.0



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : in / Channel : 777
Date Tested : March 31, 2006

DUT: PN-218; 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:

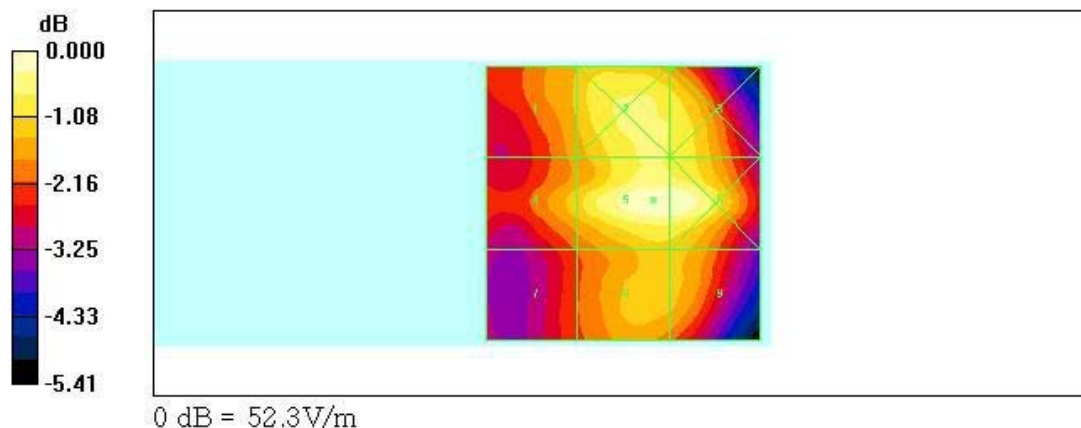
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 52.3 V/m
Probe Modulation Factor = 1.00
Reference Value = 46.3 V/m; Power Drift = -0.187 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
44.8	48.7	48.1
Grid 4	Grid 5	Grid 6
45.4	52.3	52.3
Grid 7	Grid 8	Grid 9
40.9	45.5	45.4



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : out / Channel : 1013
Date Tested : March 31, 2006

DUT: PN-218; 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 = 44.6 V/m

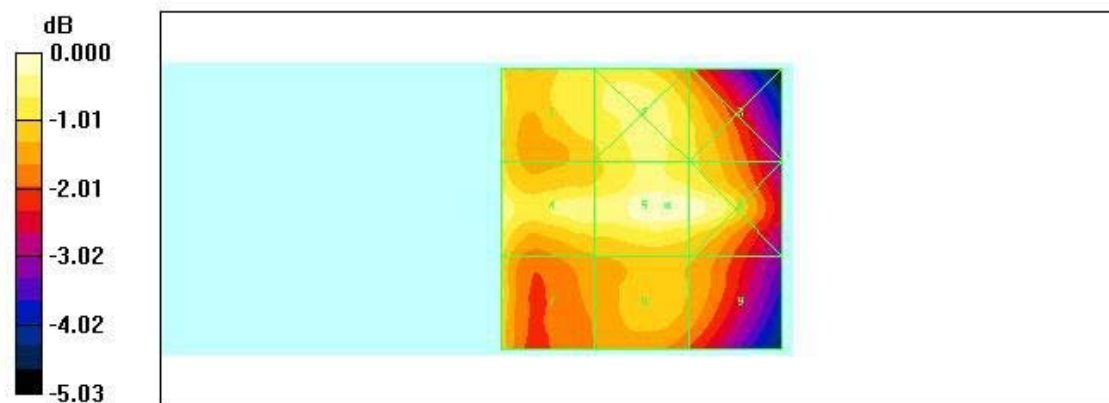
Probe Modulation Factor = 1.00

Reference Value = 40.0 V/m; Power Drift = 0.112 dB

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

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
40.9	42.2	40.3
Grid 4	Grid 5	Grid 6
43.4	44.6	44.0
Grid 7	Grid 8	Grid 9
40.7	39.0	38.5



0 dB = 44.6 V/m

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : in / Channel : 25
Date Tested : March 31, 2006

DUT: PN-218; 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:

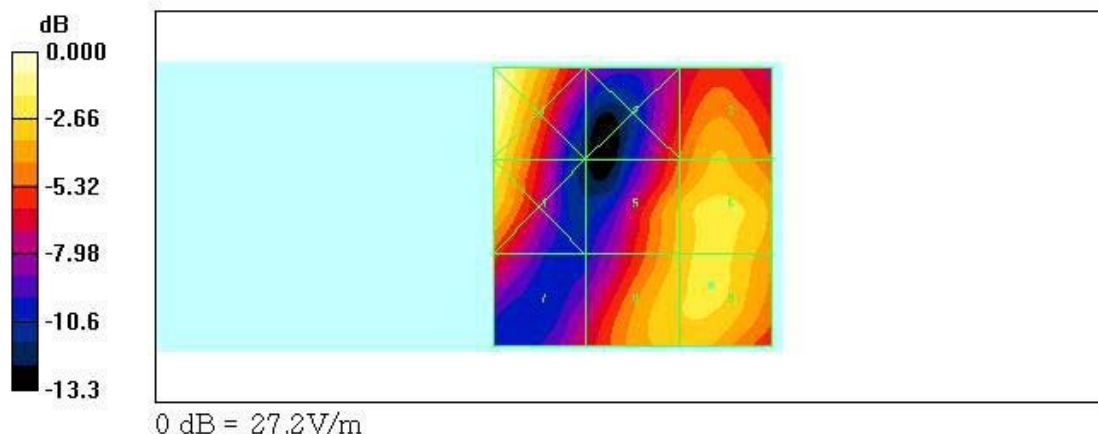
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 21.2 V/m
Probe Modulation Factor = 0.990
Reference Value = 10.0 V/m; Power Drift = -0.148 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
27.2	15.0	18.4
Grid 4	Grid 5	Grid 6
22.3	18.9	21.0
Grid 7	Grid 8	Grid 9
14.4	20.0	21.2



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : out / Channel : 25
Date Tested : March 31, 2006

DUT: PN-218; 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 = 37.7 V/m

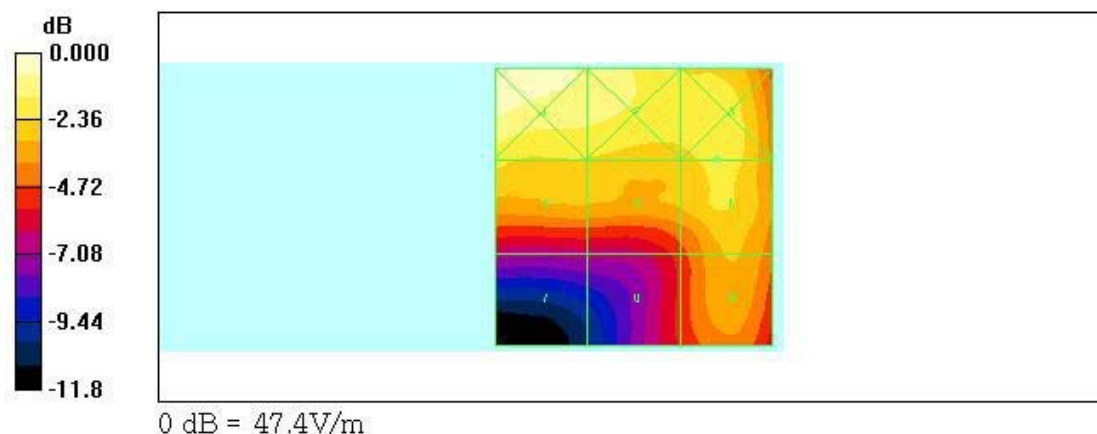
Probe Modulation Factor = 0.990

Reference Value = 29.1 V/m; Power Drift = 0.002 dB

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

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
47.4	42.8	38.8
Grid 4	Grid 5	Grid 6
37.7	36.0	37.7
Grid 7	Grid 8	Grid 9
22.0	26.8	33.3



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : in / Channel : 600
Date Tested : March 31, 2006

DUT: PN-218; 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:

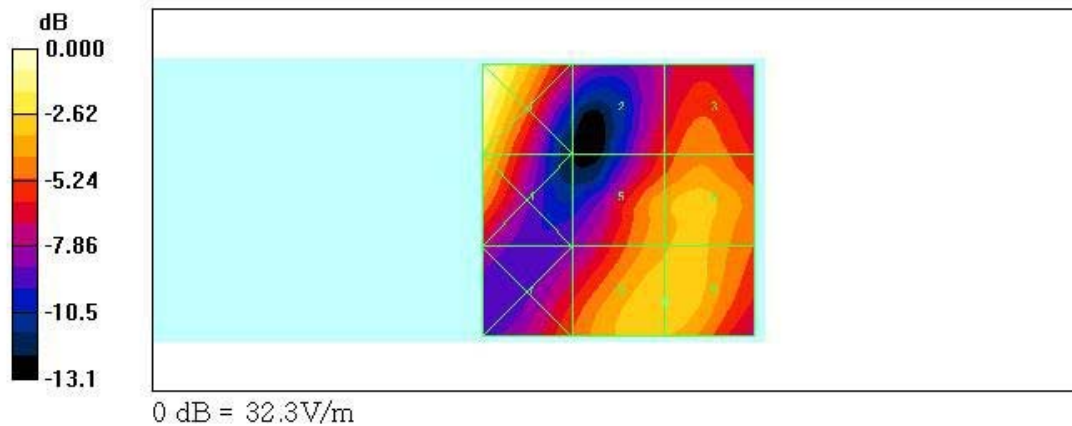
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 23.4 V/m
Probe Modulation Factor = 0.990
Reference Value = 13.3 V/m; Power Drift = -0.165 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
32.3	16.6	19.4
Grid 4	Grid 5	Grid 6
24.2	21.4	22.9
Grid 7	Grid 8	Grid 9
17.9	23.4	23.4



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : out / Channel : 600
Date Tested : March 31, 2006

DUT: PN-218; 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

DASY4 Configuration:

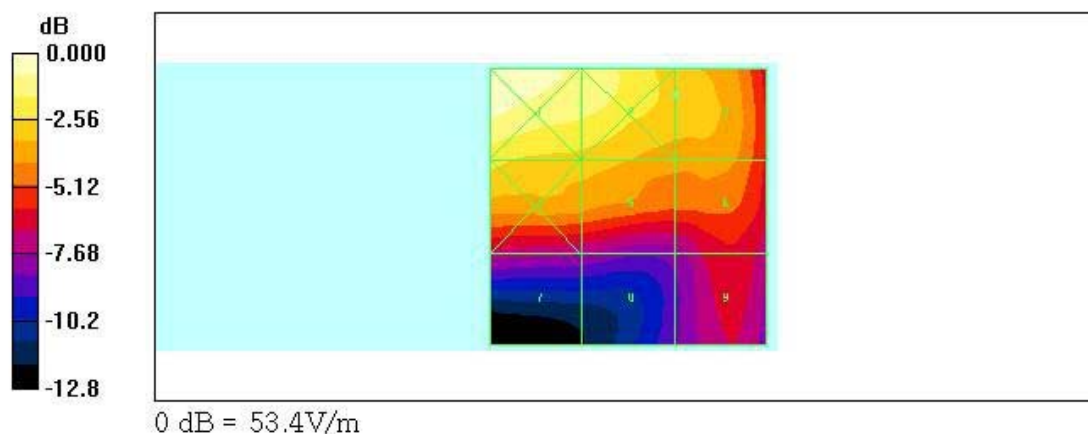
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 38.6 V/m
Probe Modulation Factor = 0.990
Reference Value = 29.2 V/m; Power Drift = 0.066 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
53.4	47.3	38.6
Grid 4	Grid 5	Grid 6
41.7	38.5	34.5
Grid 7	Grid 8	Grid 9
23.4	22.2	26.5



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : in / Channel : 1175
Date Tested : March 31, 2006

DUT: PN-218; 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:

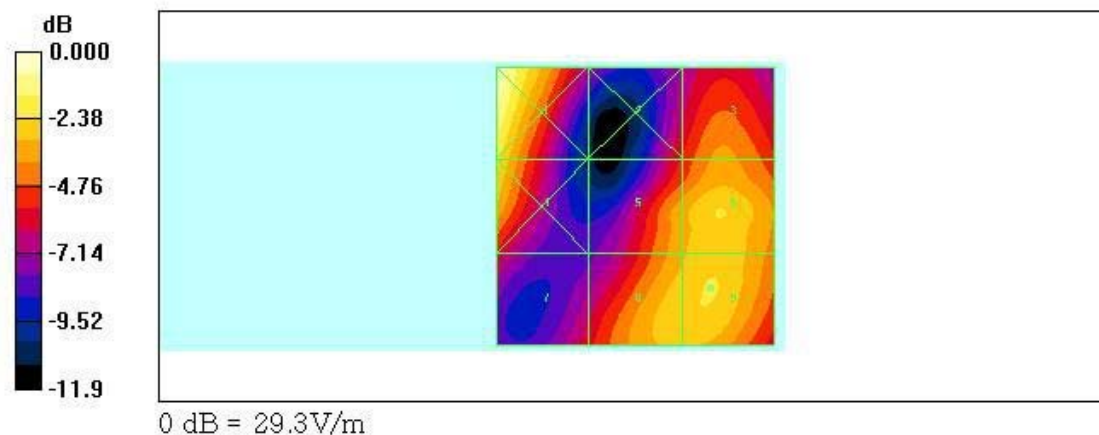
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 22.4 V/m
Probe Modulation Factor = 0.990
Reference Value = 12.8 V/m; Power Drift = -0.189 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
29.3	15.8	19.1
Grid 4	Grid 5	Grid 6
23.3	20.1	22.4
Grid 7	Grid 8	Grid 9
15.3	21.9	22.4



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : out / Channel : 1175
Date Tested : March 31, 2006

DUT: PN-218; 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:

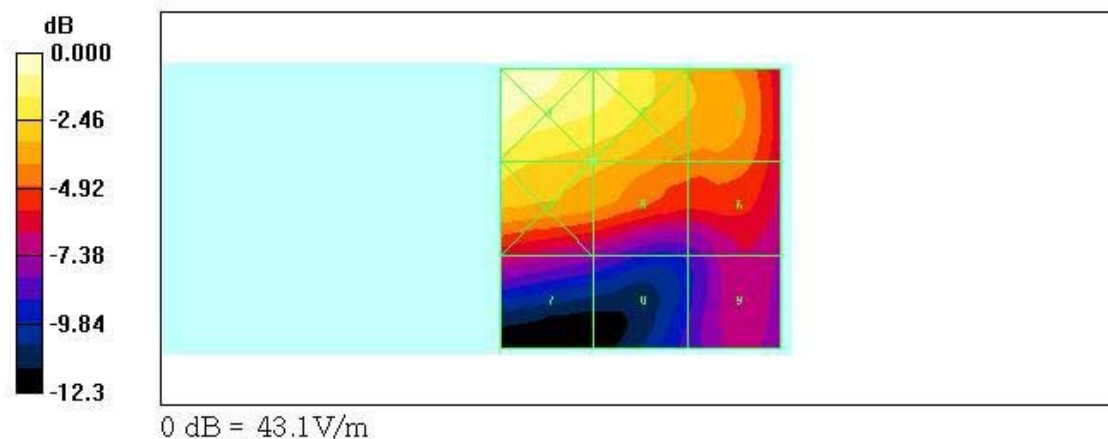
- Probe: ER3DV6 - SN2343; ConvF(1, 1, 1); Calibrated: 2006-03-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 30.9 V/m
Probe Modulation Factor = 0.990
Reference Value = 22.8 V/m; Power Drift = -0.177 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
43.1	37.6	30.0
Grid 4	Grid 5	Grid 6
35.0	30.9	26.2
Grid 7	Grid 8	Grid 9
20.7	17.6	20.2



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : in / Channel : 1013
Date Tested : March 31, 2006

DUT: PN-218; 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:

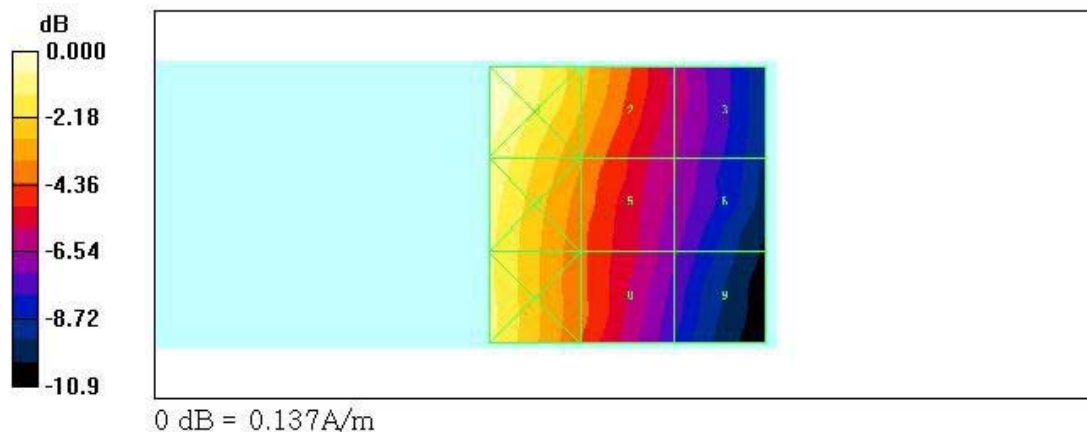
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$
Maximum value of peak Total field = 0.101 A/m
Probe Modulation Factor = 1.01
Reference Value = 0.072 A/m; Power Drift = 0.050 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.137	0.101	0.069
Grid 4	Grid 5	Grid 6
0.125	0.091	0.065
Grid 7	Grid 8	Grid 9
0.120	0.085	0.060



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : out / Channel : 1013
Date Tested : March 31, 2006

DUT: PN-218; 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:

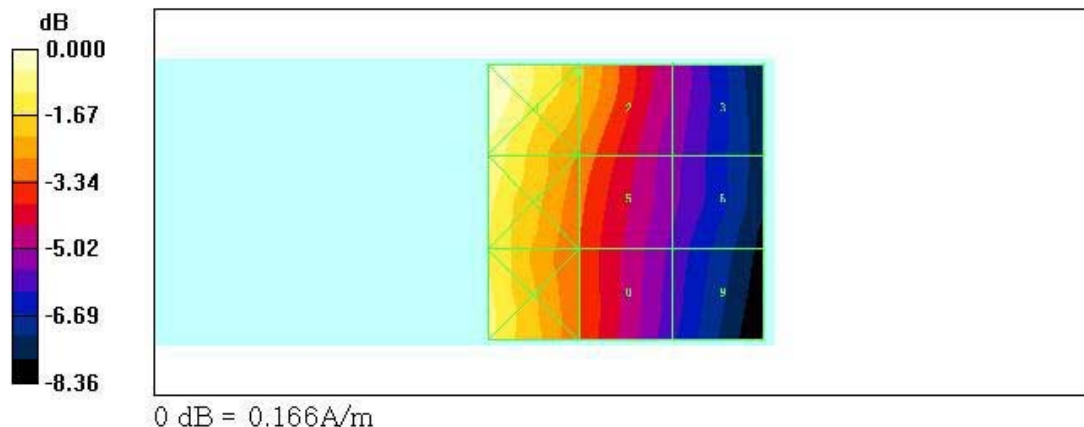
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.131 A/m
Probe Modulation Factor = 1.01
Reference Value = 0.095 A/m; Power Drift = 0.158 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.166	0.131	0.093
Grid 4	Grid 5	Grid 6
0.154	0.120	0.090
Grid 7	Grid 8	Grid 9
0.151	0.114	0.086



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : in / Channel : 384
Date Tested : March 31, 2006

DUT: PN-218; 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:

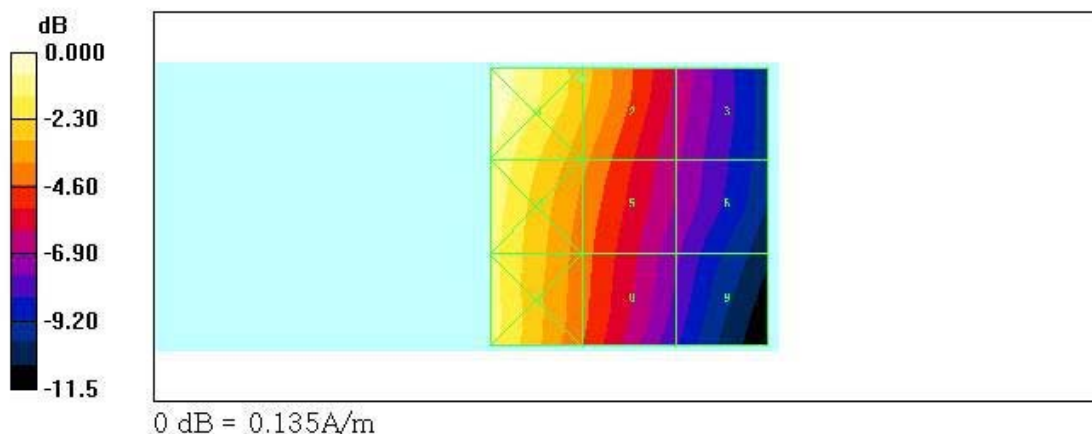
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.099 A/m
Probe Modulation Factor = 1.01
Reference Value = 0.070 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
0.135	0.099	0.065
Grid 4	Grid 5	Grid 6
0.124	0.090	0.062
Grid 7	Grid 8	Grid 9
0.119	0.083	0.057



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : out / Channel : 384
Date Tested : March 31, 2006

DUT: PN-218; 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 = 0.115 A/m

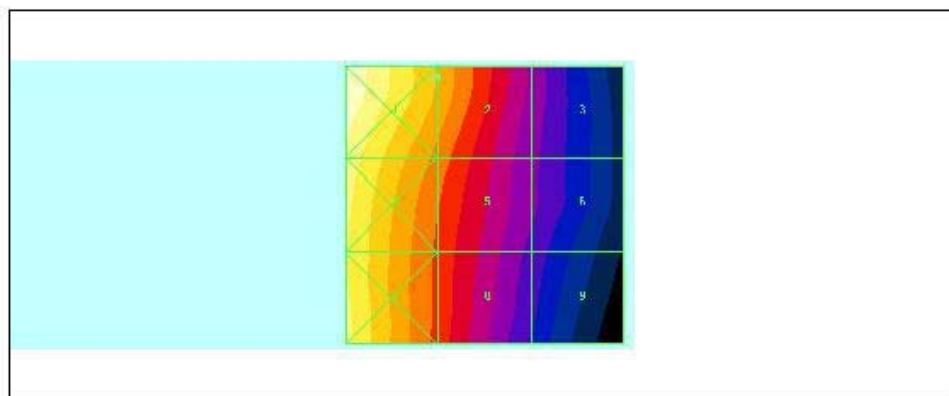
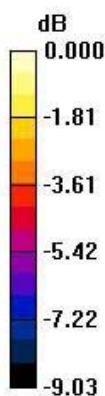
Probe Modulation Factor = 1.01

Reference Value = 0.086 A/m; Power Drift = -0.043 dB

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

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.153	0.115	0.081
Grid 4	Grid 5	Grid 6
0.140	0.106	0.078
Grid 7	Grid 8	Grid 9
0.136	0.100	0.075



0 dB = 0.153A/m

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : CDMA835 / Antenna : in / Channel : 777
Date Tested : March 31, 2006

DUT: PN-218; 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

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 = 0.113 A/m

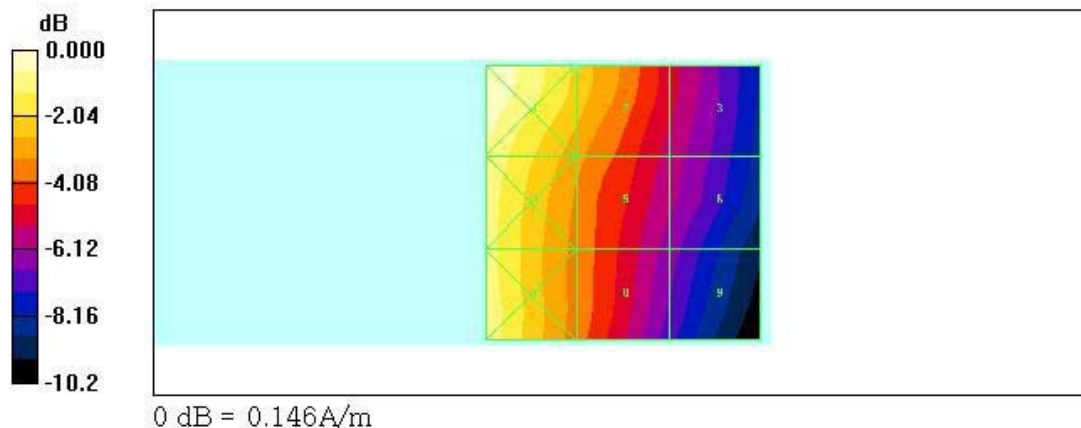
Probe Modulation Factor = 1.01

Reference Value = 0.082 A/m; Power Drift = -0.019 dB

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

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.146	0.113	0.081
Grid 4	Grid 5	Grid 6
0.134	0.102	0.076
Grid 7	Grid 8	Grid 9
0.132	0.096	0.070



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : CDMA835 / Antenna : out / Channel : 777

Date Tested : March 31, 2006

DUT: PN-218; 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 = 0.123 A/m

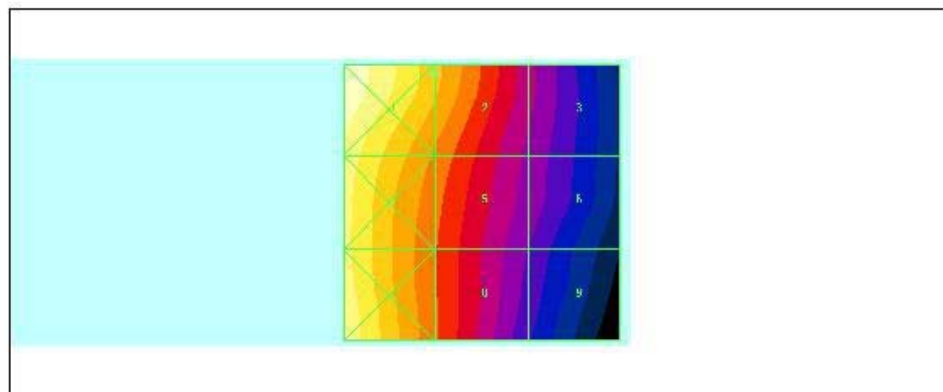
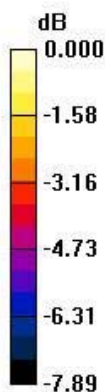
Probe Modulation Factor = 1.01

Reference Value = 0.094 A/m; Power Drift = -0.012 dB

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

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.154	0.123	0.092
Grid 4	Grid 5	Grid 6
0.143	0.113	0.088
Grid 7	Grid 8	Grid 9
0.144	0.108	0.084



0 dB = 0.154A/m

Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC..
Mode : PCS1900 / Antenna : in / Channel : 25
Date Tested : March 31, 2006

DUT: PN-218; 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:

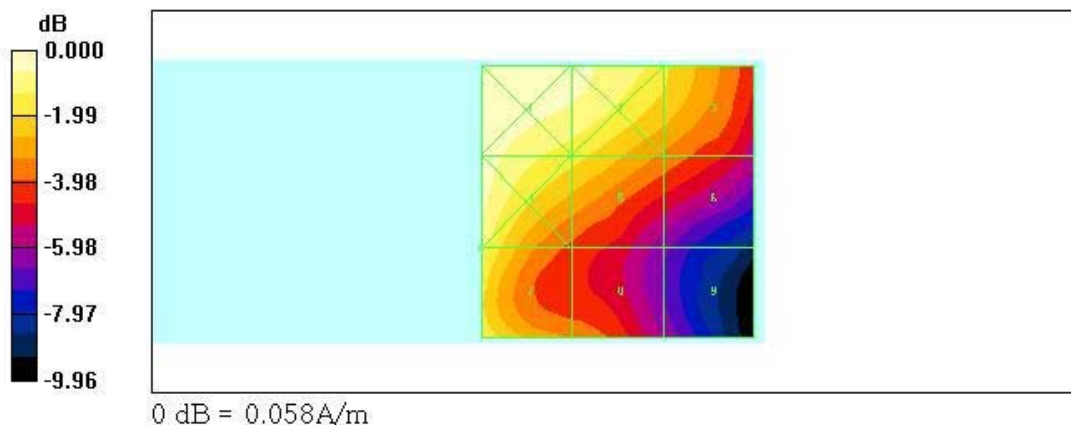
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.051 A/m
Probe Modulation Factor = 0.980
Reference Value = 0.038 A/m; Power Drift = -0.052 dB
Hearing Aid Near-Field Category: M4 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.058	0.055	0.047
Grid 4	Grid 5	Grid 6
0.057	0.048	0.039
Grid 7	Grid 8	Grid 9
0.051	0.040	0.029



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : out / Channel : 25
Date Tested : March 31, 2006

DUT: PN-218; 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:

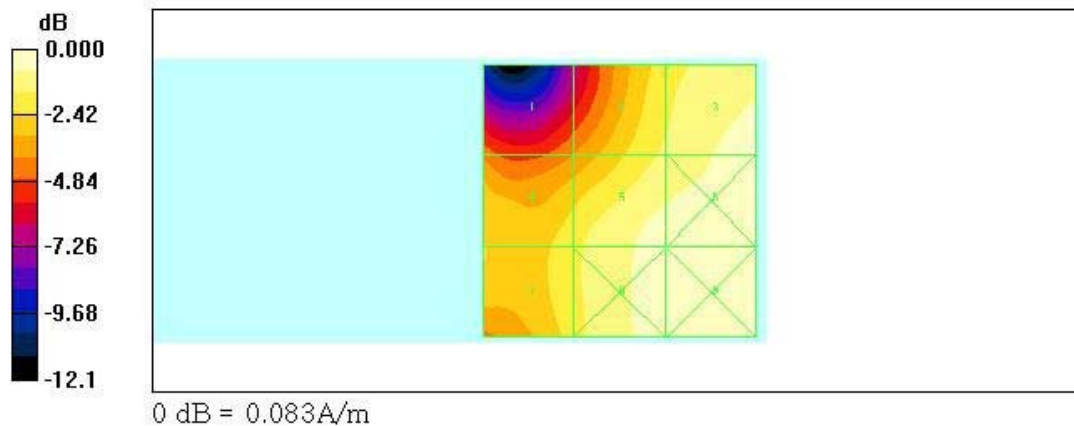
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.079 A/m
Probe Modulation Factor = 0.980
Reference Value = 0.068 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
0.052	0.070	0.078
Grid 4	Grid 5	Grid 6
0.067	0.079	0.083
Grid 7	Grid 8	Grid 9
0.068	0.080	0.083



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : in / Channel : 600
Date Tested : March 31, 2006

DUT: PN-218; 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 = 0.064 A/m

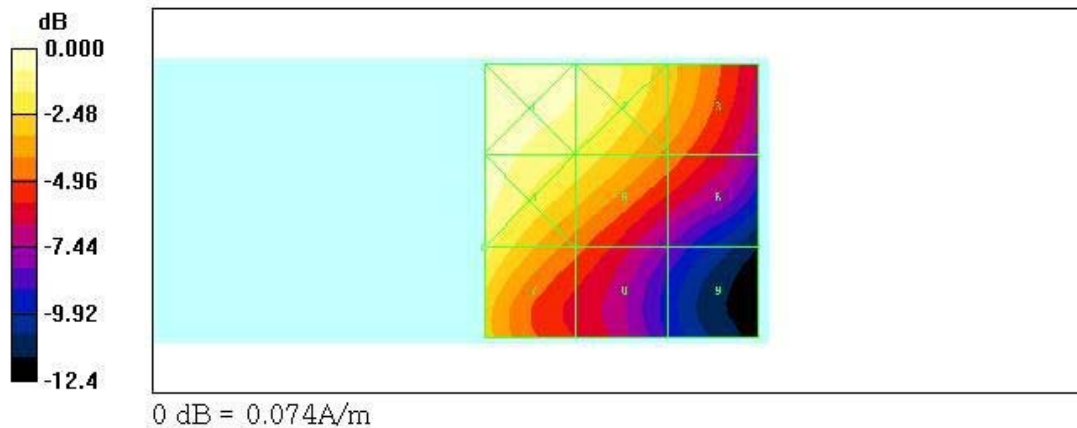
Probe Modulation Factor = 0.980

Reference Value = 0.045 A/m; Power Drift = -0.065 dB

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

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.074	0.068	0.052
Grid 4	Grid 5	Grid 6
0.073	0.060	0.045
Grid 7	Grid 8	Grid 9
0.064	0.044	0.029



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.

Mode : PCS1900 / Antenna : out / Channel : 600

Date Tested : March 31, 2006

DUT: PN-218; 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 = 0.078 A/m

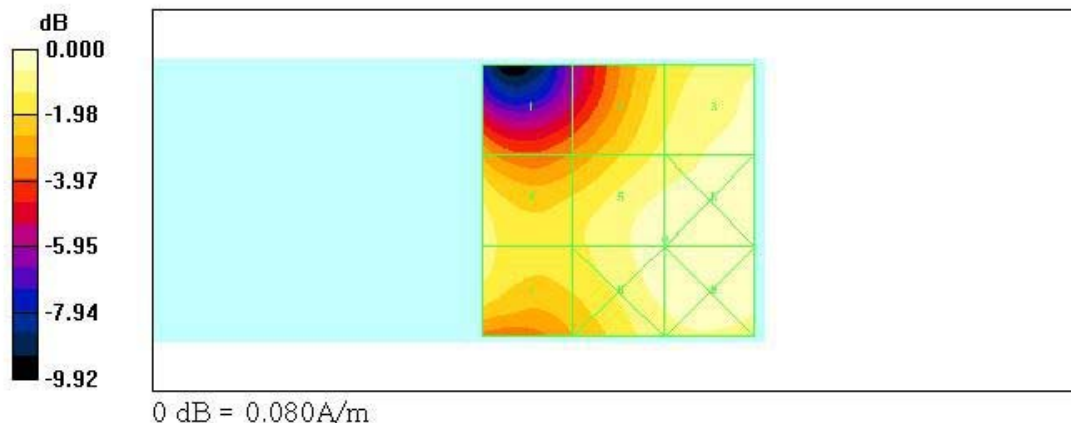
Probe Modulation Factor = 0.980

Reference Value = 0.067 A/m; Power Drift = -0.143 dB

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

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.058	0.070	0.076
Grid 4	Grid 5	Grid 6
0.072	0.078	0.080
Grid 7	Grid 8	Grid 9
0.072	0.078	0.080



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : in / Channel : 1175
Date Tested : March 31, 2006

DUT: PN-218; Type: Folder; Serial: #1
Program Name: HAC H Device

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

DASY4 Configuration:

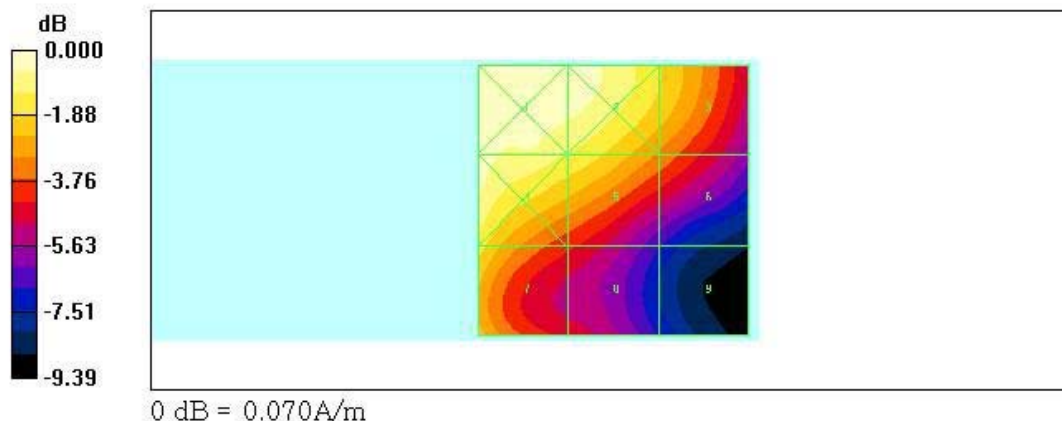
- Probe: H3DV6 - SN6101; ; Calibrated: 2005-07-20
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn446; Calibrated: 2006-03-17
- Phantom: HAC Test Arch; Type: SD HAC P01 BA

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

Measurement grid: dx=5mm, dy=5mm
Maximum value of peak Total field = 0.060 A/m
Probe Modulation Factor = 0.980
Reference Value = 0.045 A/m; Power Drift = -0.076 dB
Hearing Aid Near-Field Category: M4 (A WF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.070	0.068	0.057
Grid 4	Grid 5	Grid 6
0.069	0.060	0.048
Grid 7	Grid 8	Grid 9
0.059	0.043	0.032



Test Laboratory: HCT

Company : PANTECH&CURITEL COMMUNICATIONS, INC.
Mode : PCS1900 / Antenna : out / Channel : 1175
Date Tested : March 31, 2006

DUT: PN-218; 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 = 0.063 A/m

Probe Modulation Factor = 0.980

Reference Value = 0.050 A/m; Power Drift = 0.130 dB

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

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.047	0.056	0.059
Grid 4	Grid 5	Grid 6
0.057	0.063	0.065
Grid 7	Grid 8	Grid 9
0.057	0.063	0.065

