

Date/Time: 8/24/2006 3:16:31 PM

Test Laboratory: Kyocera Wireless Corp.

Validation_E_Dipole_Probe SN2282, Dipole SN1015, set to probe sensor center for 1880Mhz, 08-24-06

Communication System: CW, Frequency: 1900 MHz, Duty Cycle: 1:1

Medium: Air_1,Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 0$ kg/m³

Phantom: HAC Test Arch,Phantom section: E Dipole Section

DASY4 Configuration:

Probe: ER3DV6 - SN2282, ConvF(1, 1, 1), Calibrated: 10/21/2005

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530,Calibrated: 1/16/2006

Measurement SW: DASY4, V4.7 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 160

E Scan 10mm above CD1880MHz/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 148.7 V/m

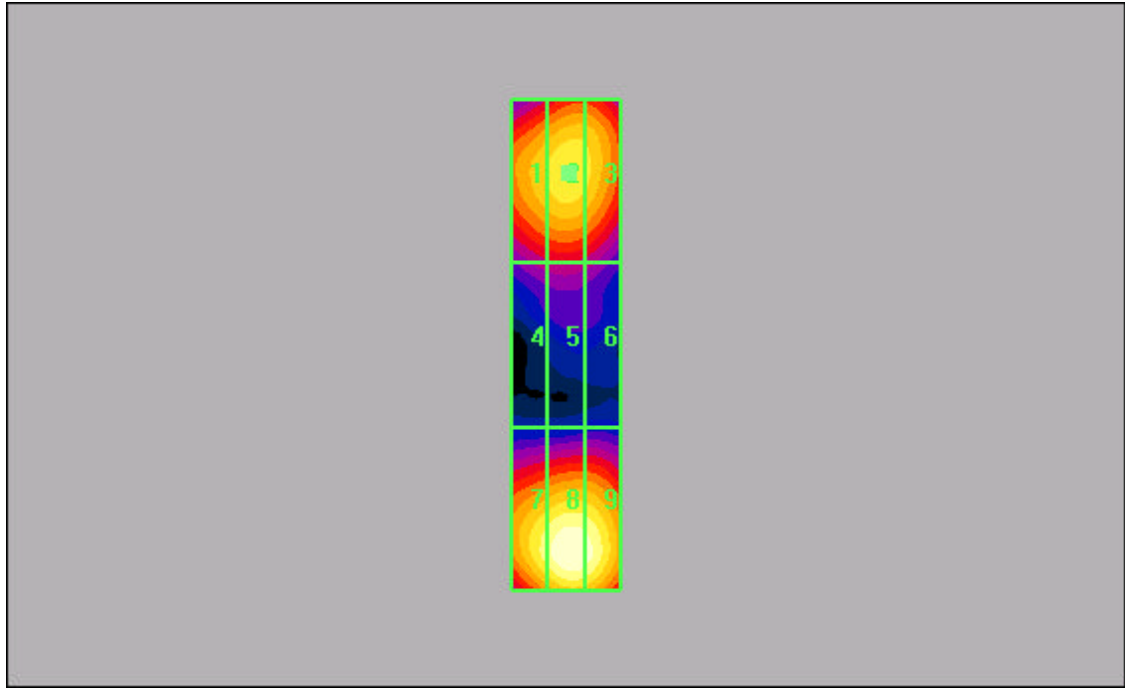
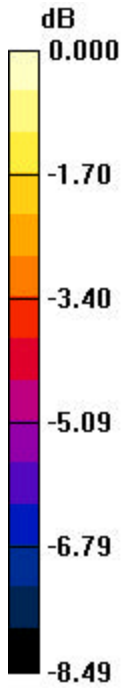
Probe Modulation Factor = 1.00

Reference Value = 69.0 V/m; Power Drift = 0.000 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
122.8	129.3	125.7
Grid 4	Grid 5	Grid 6
86.5	88.9	85.6
Grid 7	Grid 8	Grid 9
136.1	148.7	144.9



0 dB = 148.7V/m

Date/Time: 8/28/2006 9:55:51 AM

Test Laboratory: Kyocera Wireless Corp.

Validation_E_Dipole_Probe SN2282, Dipole SN1015, set to probe sensor center for 1880Mhz, 08-28-06

Communication System: CW, Frequency: 1900 MHz, Duty Cycle: 1:1

Medium: Air_1,Medium parameters used: $s = 0 \text{ mho/m}$, $\epsilon = 1$; $\rho = 0 \text{ kg/m}^3$

Phantom: HAC Test Arch,Phantom section: E Dipole Section

DASY4 Configuration:

Probe: ER3DV6 - SN2282, ConvF(1, 1, 1), Calibrated: 10/21/2005

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530,Calibrated: 1/16/2006

Measurement SW: DASY4, V4.7 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 160

E Scan 10mm above CD1880MHz/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 148.1 V/m

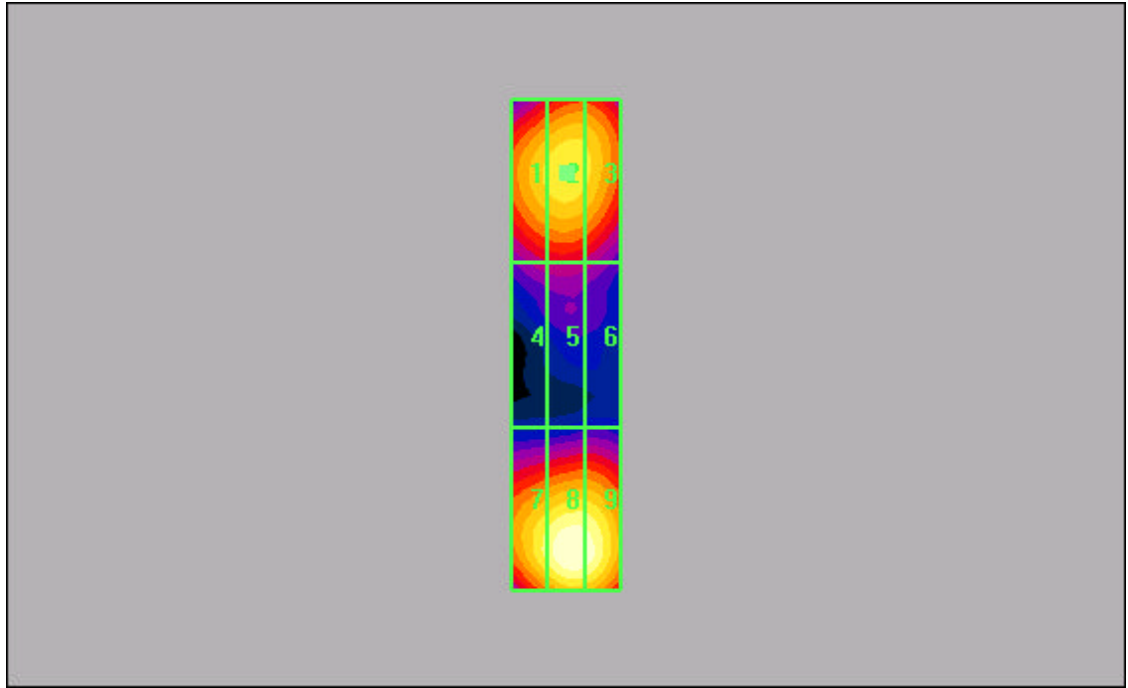
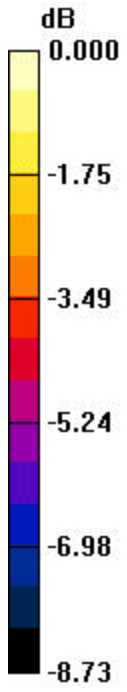
Probe Modulation Factor = 1.00

Reference Value = 68.9 V/m; Power Drift = -0.038 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

Grid 1 123.0	Grid 2 127.8	Grid 3 124.2
Grid 4 85.7	Grid 5 87.7	Grid 6 84.2
Grid 7 133.7	Grid 8 148.1	Grid 9 145.3



0 dB = 148.1V/m

Date/Time: 8/24/2006 3:02:04 PM

Test Laboratory: Kyocera Wireless Corp.

Validation_E_Dipole_Probe SN2282, Dipole SN1020, set to probe sensor center for 835Mhz 08-24-06

Communication System: CW, Frequency: 835 MHz, Duty Cycle: 1:1

Medium: Air_1,Medium parameters used: $s = 0 \text{ mho/m}$, $\epsilon = 1$; $\rho = 0 \text{ kg/m}^3$

Phantom: HAC Test Arch,Phantom section: E Dipole Section

DASY4 Configuration:

Probe: ER3DV6 - SN2282, ConvF(1, 1, 1), Calibrated: 10/21/2005

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530,Calibrated: 1/16/2006

Measurement SW: DASY4, V4.7 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 160

E Scan 10mm above CD835MHz/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 174.8 V/m

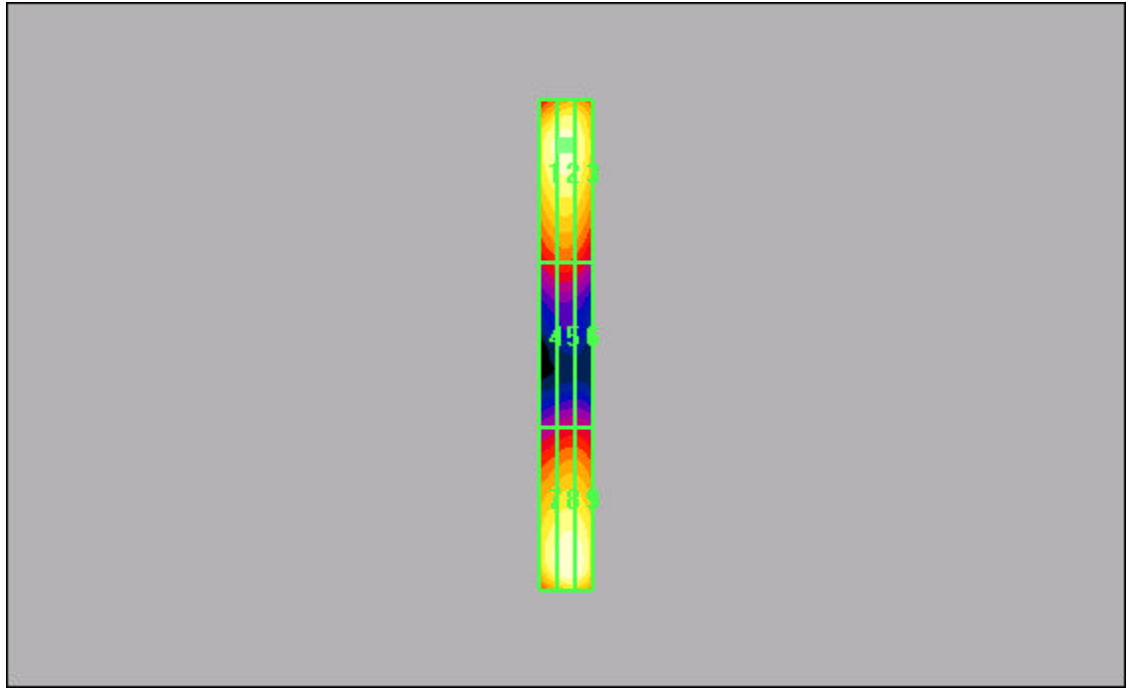
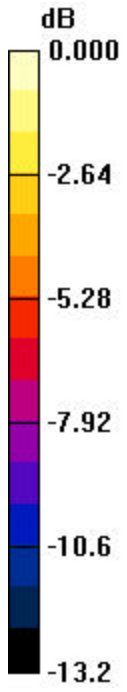
Probe Modulation Factor = 1.00

Reference Value = 53.6 V/m; Power Drift = -0.103 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
164.2	168.4	161.5
Grid 4	Grid 5	Grid 6
90.5	93.7	88.8
Grid 7	Grid 8	Grid 9
164.2	174.8	173.6



0 dB = 174.8V/m

Date/Time: 8/28/2006 9:35:32 AM

Test Laboratory: Kyocera Wireless Corp.

Validation_E_Dipole_Probe SN2282, Dipole SN1020, set to probe sensor center for 835Mhz 08-28-06

Communication System: CW, Frequency: 835 MHz, Duty Cycle: 1:1

Medium: Air_1, Medium parameters used: $s = 0 \text{ mho/m}$, $\epsilon = 1$; $\rho = 0 \text{ kg/m}^3$

Phantom: HAC Test Arch, Phantom section: E Dipole Section

DASY4 Configuration:

Probe: ER3DV6 - SN2282, ConvF(1, 1, 1), Calibrated: 10/21/2005

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 1/16/2006

Measurement SW: DASY4, V4.7 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 160

E Scan 10mm above CD835MHz/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 182.1 V/m

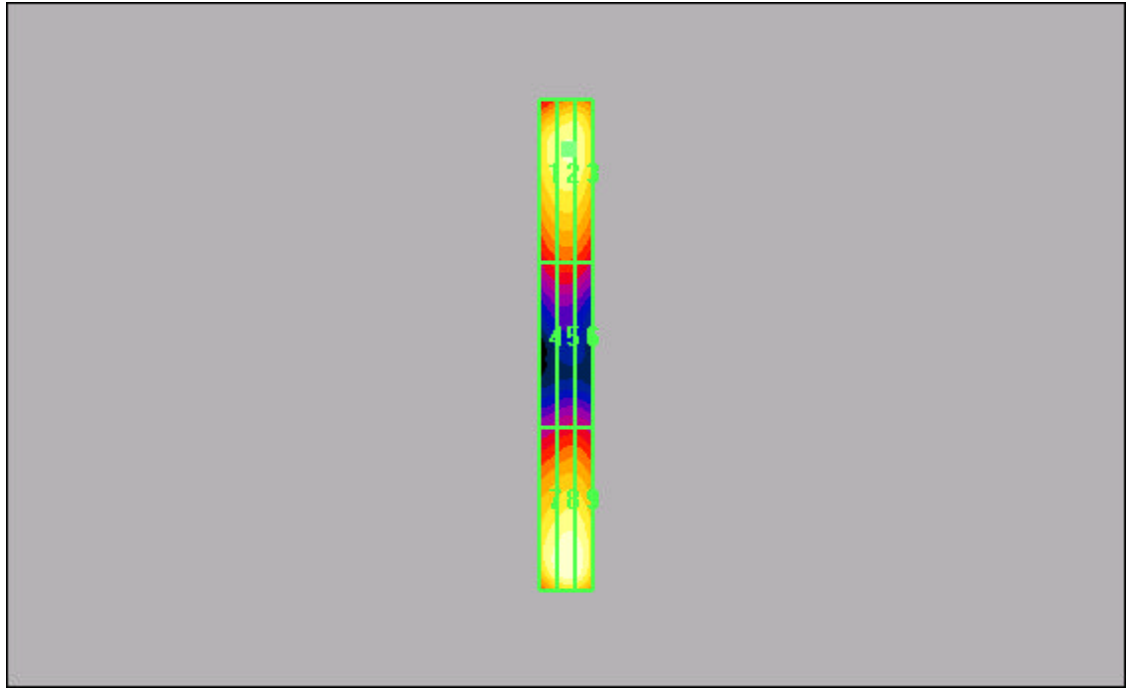
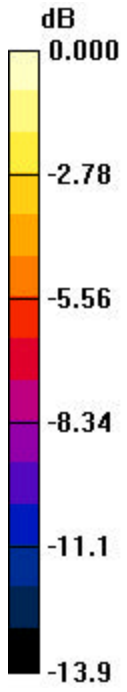
Probe Modulation Factor = 1.00

Reference Value = 50.5 V/m; Power Drift = 0.005 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak E-field in V/m

Grid 1 160.7	Grid 2 166.3	Grid 3 164.6
Grid 4 91.8	Grid 5 94.2	Grid 6 91.4
Grid 7 172.0	Grid 8 182.1	Grid 9 179.0



0 dB = 182.1V/m

Date/Time: 8/24/2006 1:52:53 PM

Test Laboratory: Kyocera Wireless Corp.

Validation_H_Dipole_Probe SN6123, Dipole SN1015, set to probe sensor center for 1880Mhz, 08-24-06

Communication System: CW, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: Air_1,Medium parameters used: $s = 0$ mho/m, $\epsilon = 1$; $\rho = 1$ kg/m³

Phantom: HAC Test Arch,Phantom section: H Dipole Section

DASY4 Configuration:

Probe: H3DV6 - SN6123, , Calibrated: 9/2/2004

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530,Calibrated: 1/16/2006

Measurement SW: DASY4, V4.7 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 160

H Scan 10mm above CD1880MHz/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.489 A/m

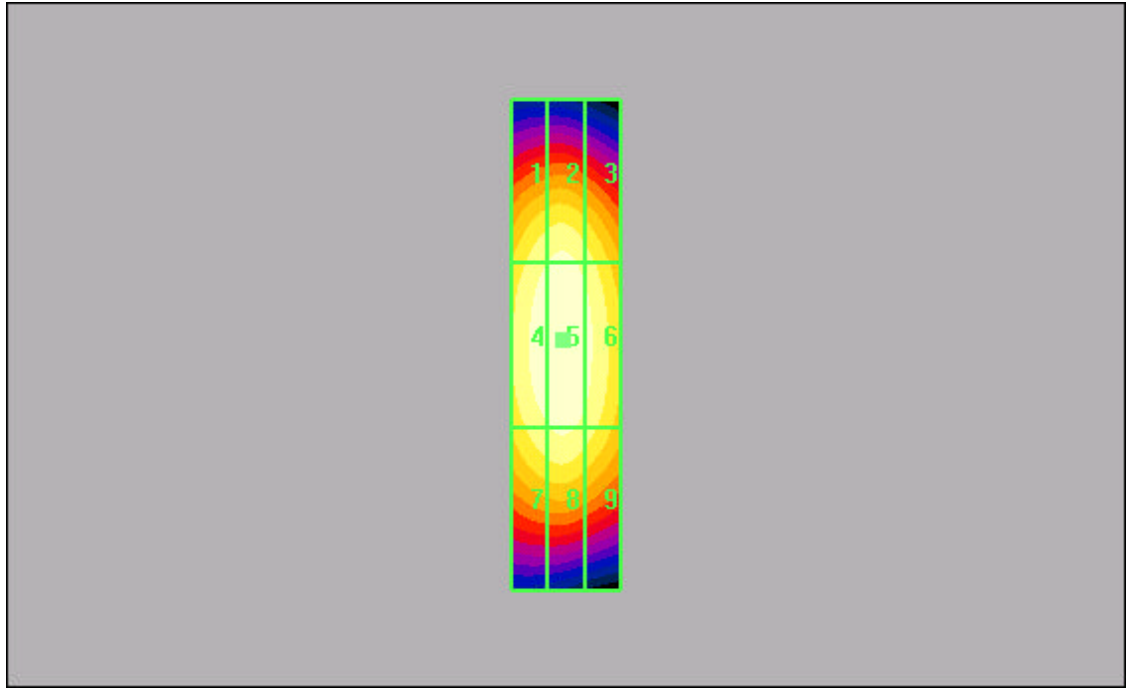
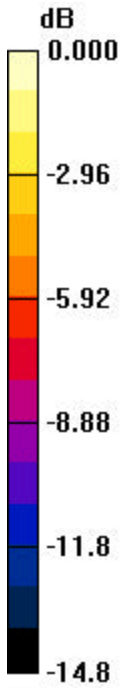
Probe Modulation Factor = 1.00

Reference Value = 0.486 A/m; Power Drift = 0.028 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.436	Grid 2 0.453	Grid 3 0.417
Grid 4 0.473	Grid 5 0.489	Grid 6 0.455
Grid 7 0.431	Grid 8 0.447	Grid 9 0.419



0 dB = 0.489A/m

Date/Time: 8/28/2006 9:01:25 AM

Test Laboratory: Kyocera Wireless Corp.

Validation_H_Dipole_Probe SN6123, Dipole SN1015, set to probe sensor center for 1880Mhz, 08-28-06

Communication System: CW, Frequency: 1880 MHz, Duty Cycle: 1:1

Medium: Air_1,Medium parameters used: $s = 0 \text{ mho/m}$, $\epsilon = 1$; $\rho = 1 \text{ kg/m}^3$

Phantom: HAC Test Arch,Phantom section: H Dipole Section

DASY4 Configuration:

Probe: H3DV6 - SN6123, , Calibrated: 9/2/2004

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530,Calibrated: 1/16/2006

Measurement SW: DASY4, V4.7 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 160

H Scan 10mm above CD1880MHz/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.484 A/m

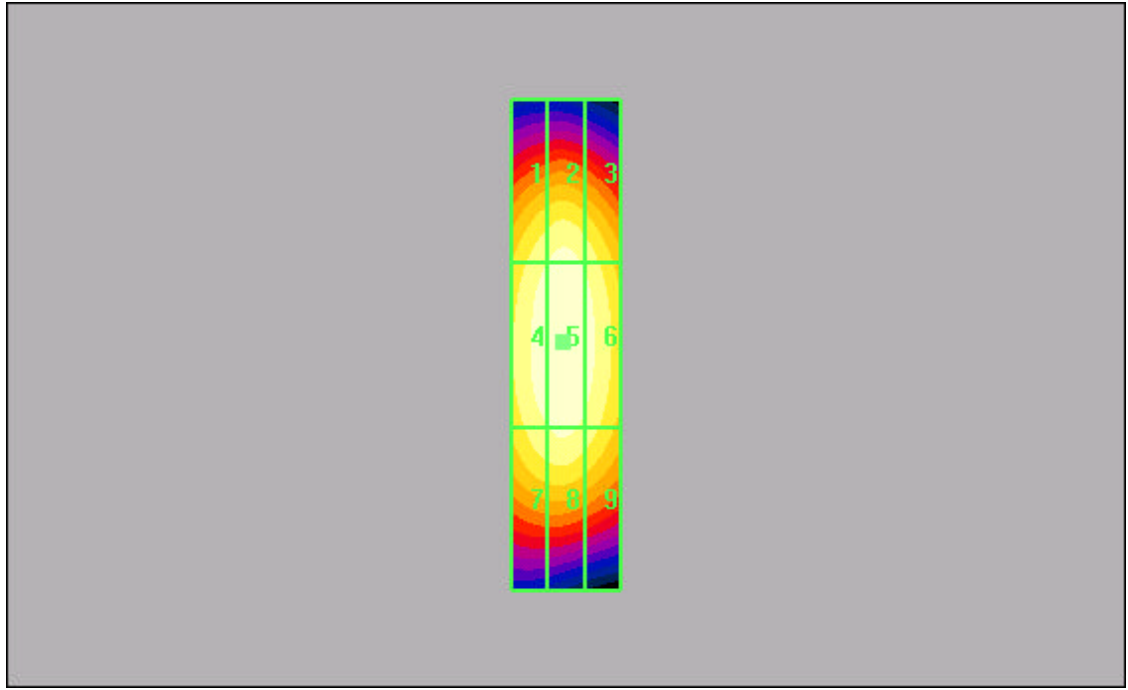
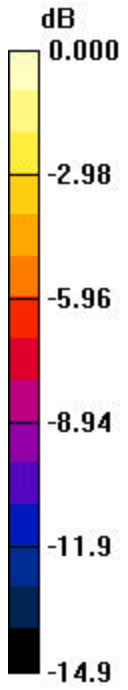
Probe Modulation Factor = 1.00

Reference Value = 0.486 A/m; Power Drift = 0.024 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.432	Grid 2 0.453	Grid 3 0.423
Grid 4 0.466	Grid 5 0.484	Grid 6 0.456
Grid 7 0.430	Grid 8 0.446	Grid 9 0.418



0 dB = 0.484A/m

Date/Time: 8/24/2006 2:24:21 PM

Test Laboratory: Kyocera Wireless Corp.

Validation_H_Dipole_Probe SN6123, Dipole SN1020, set to probe sensor center for 835Mhz, 08-24-06

Communication System: CW, Frequency: 835 MHz, Duty Cycle: 1:1

Medium: Air_1, Medium parameters used: $s = 0 \text{ mho/m}$, $\epsilon = 1$; $\rho = 0 \text{ kg/m}^3$

Phantom: HAC Test Arch, Phantom section: H Dipole Section

DASY4 Configuration:

Probe: H3DV6 - SN6123, , Calibrated: 9/2/2004

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530, Calibrated: 1/16/2006

Measurement SW: DASY4, V4.7 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 160

H Scan 10mm above CD835MHz/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.487 A/m

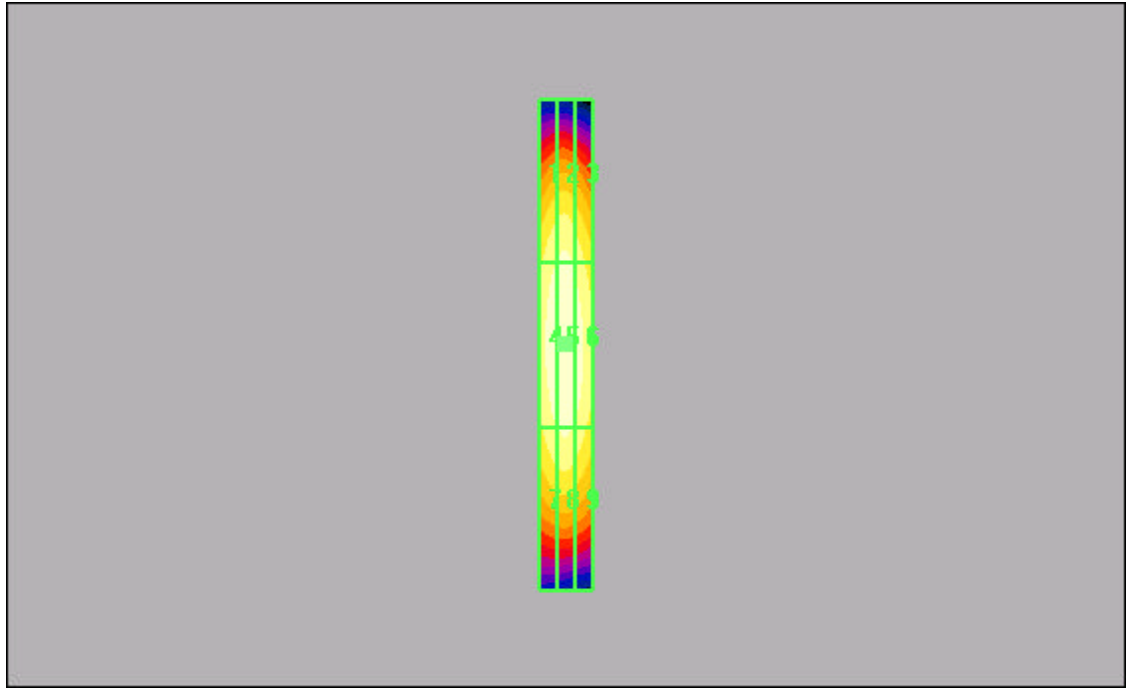
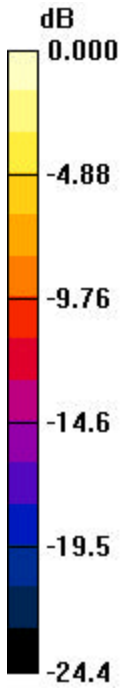
Probe Modulation Factor = 1.00

Reference Value = 0.477 A/m; Power Drift = 0.093 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.407	0.424	0.386
Grid 4	Grid 5	Grid 6
0.466	0.487	0.450
Grid 7	Grid 8	Grid 9
0.401	0.420	0.391



0 dB = 0.487A/m

Date/Time: 8/28/2006 9:22:03 AM

Test Laboratory: Kyocera Wireless Corp.

Validation_H_Dipole_Probe SN6123, Dipole SN1020, set to probe sensor center for 835Mhz, 08-28-06

Communication System: CW, Frequency: 835 MHz, Duty Cycle: 1:1

Medium: Air_1,Medium parameters used: $s = 0 \text{ mho/m}$, $\epsilon = 1$; $\rho = 0 \text{ kg/m}^3$

Phantom: HAC Test Arch,Phantom section: H Dipole Section

DASY4 Configuration:

Probe: H3DV6 - SN6123, , Calibrated: 9/2/2004

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn530,Calibrated: 1/16/2006

Measurement SW: DASY4, V4.7 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 160

H Scan 10mm above CD835MHz/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.491 A/m

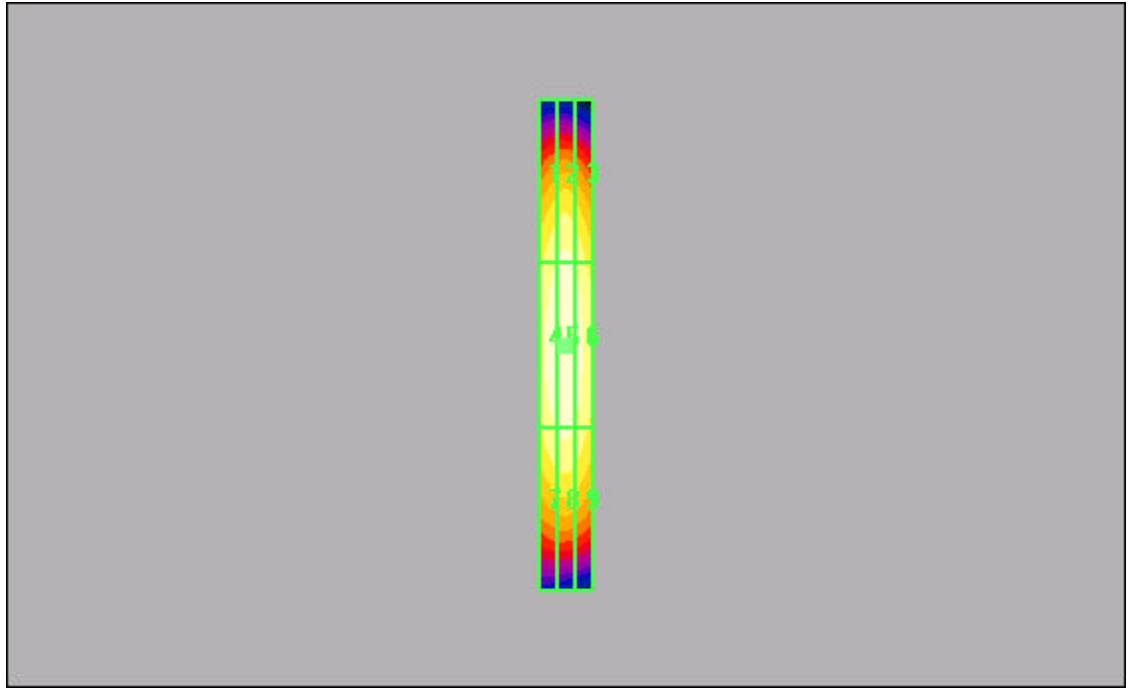
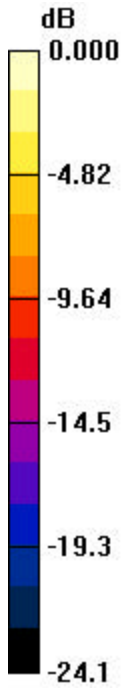
Probe Modulation Factor = 1.00

Reference Value = 0.492 A/m; Power Drift = 0.021 dB

Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.409	Grid 2 0.436	Grid 3 0.399
Grid 4 0.472	Grid 5 0.491	Grid 6 0.451
Grid 7 0.414	Grid 8 0.429	Grid 9 0.399



0 dB = 0.491A/m