

Date/Time: 7/27/2006 10:30:16 AM

Test Laboratory: Kyocera Wireless Corp.

Validation_E_Dipole_Probe SN2282, Dipole SN1015, set to probe sensor center for 1880Mhz, 07-27-06

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

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

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: $dx=5\text{mm}$, $dy=5\text{mm}$

Maximum value of peak Total field = 143.1 V/m

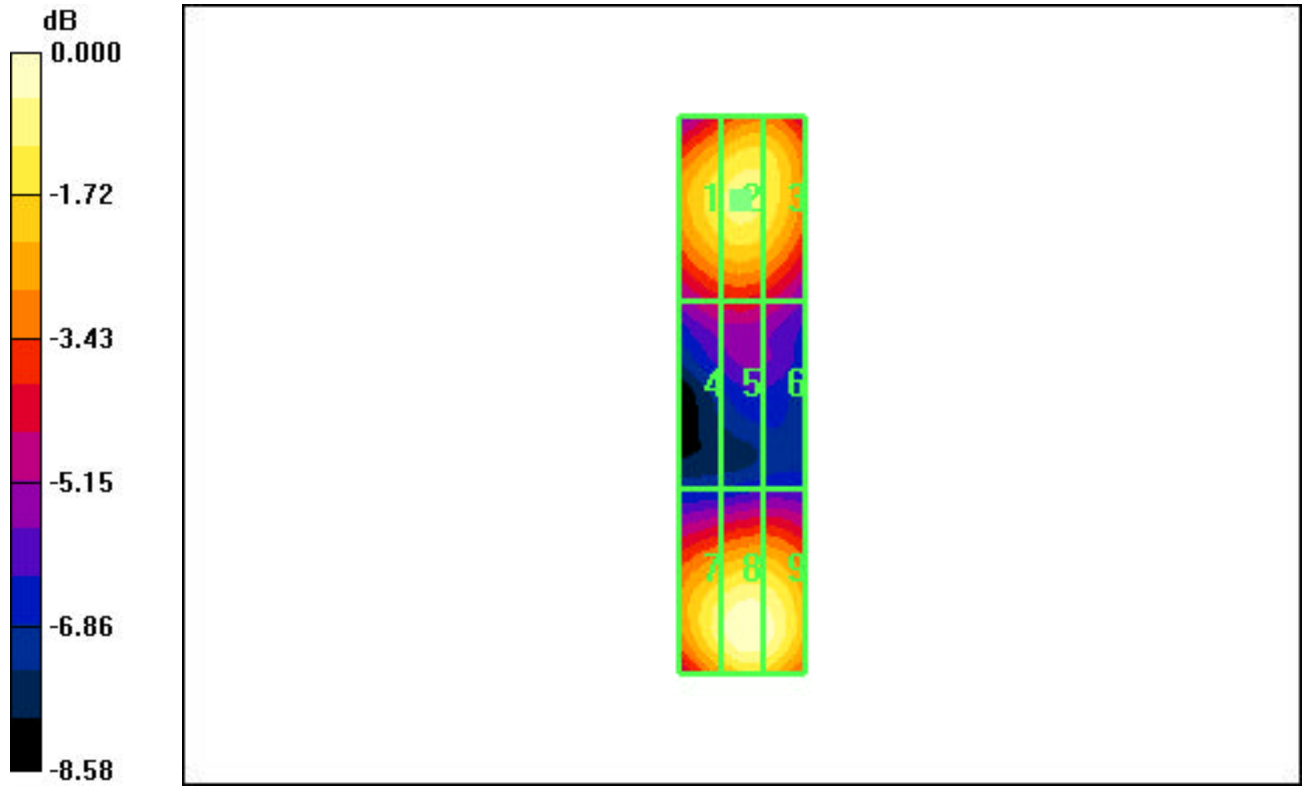
Probe Modulation Factor = 1.00

Reference Value = 67.1 V/m; Power Drift = 0.085 dB

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

Peak E-field in V/m

Grid 1 124.4	Grid 2 129.5	Grid 3 126.1
Grid 4 87.2	Grid 5 88.8	Grid 6 85.7
Grid 7 131.8	Grid 8 143.1	Grid 9 139.8



0 dB = 143.1V/m

Date/Time: 7/27/2006 10:14:26 AM

Test Laboratory: Kyocera Wireless Corp.

Validation_E_Dipole_Probe SN2282, Dipole SN1020, set to probe sensor center for 835Mhz 07-27-06

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 = 170.9 V/m

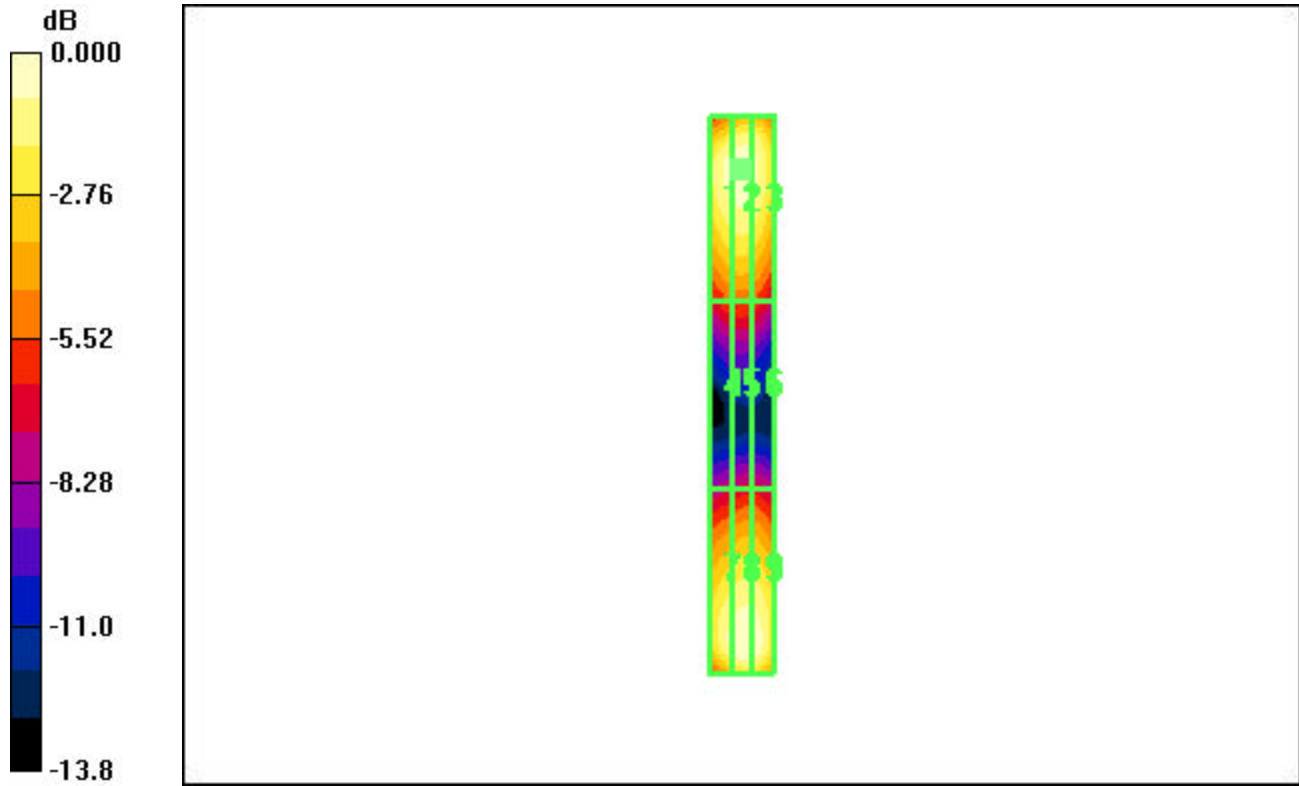
Probe Modulation Factor = 1.00

Reference Value = 46.5 V/m; Power Drift = -0.096 dB

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

Peak E-field in V/m

Grid 1 163.6	Grid 2 168.4	Grid 3 162.4
Grid 4 90.9	Grid 5 92.8	Grid 6 89.5
Grid 7 159.7	Grid 8 170.9	Grid 9 168.7



0 dB = 170.9V/m

Date/Time: 7/27/2006 9:05:54 AM

Test Laboratory: Kyocera Wireless Corp.

Validation_H_Dipole_Probe SN6123, Dipole SN1015, set to probe sensor center for 1880Mhz, 07-27-06

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

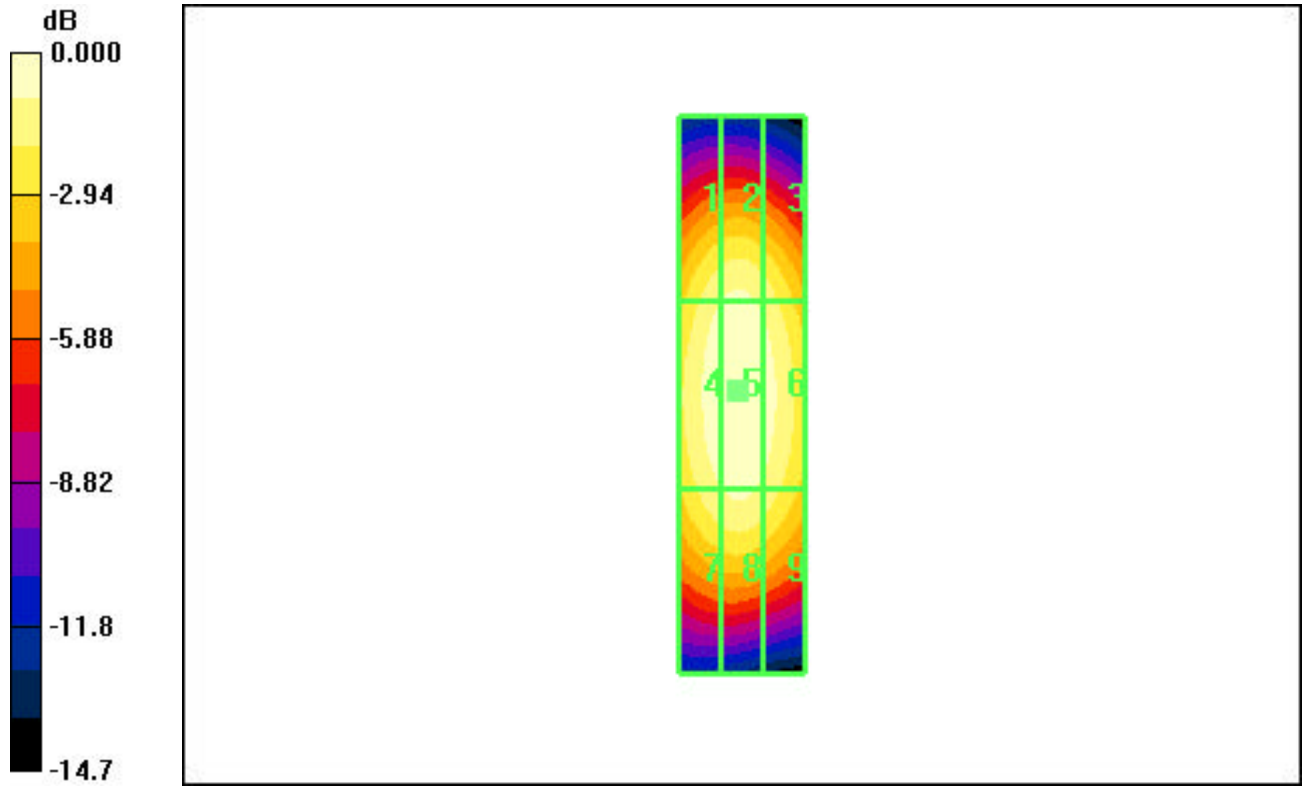
Probe Modulation Factor = 1.00

Reference Value = 0.480 A/m; Power Drift = 0.083 dB

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

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.431	0.448	0.418
Grid 4	Grid 5	Grid 6
0.466	0.484	0.459
Grid 7	Grid 8	Grid 9
0.430	0.447	0.420



0 dB = 0.484A/m

Date/Time: 7/27/2006 9:42:37 AM

Test Laboratory: Kyocera Wireless Corp.

Validation_H_Dipole_Probe SN6123, Dipole SN1020, set to probe sensor center for 835Mhz, 07-27-06

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: $dx=5\text{mm}$, $dy=5\text{mm}$

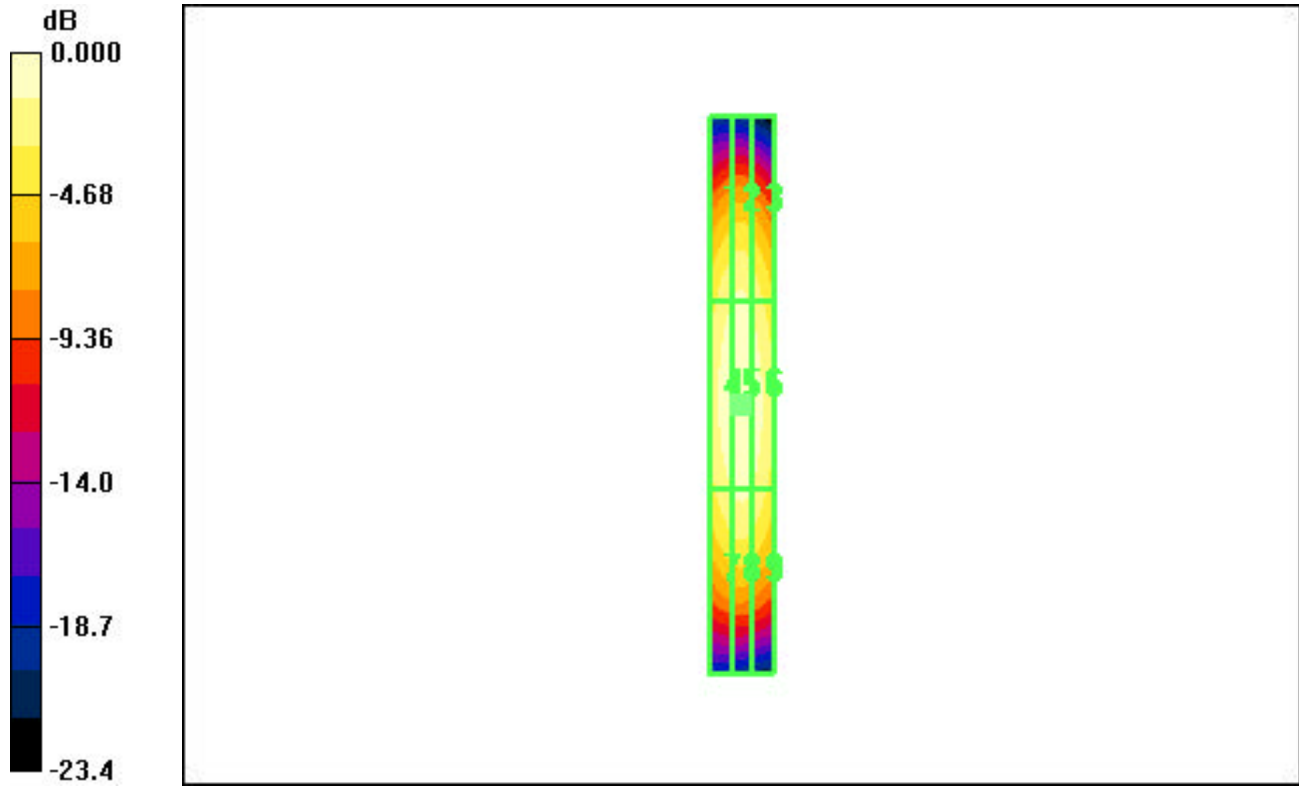
Maximum value of peak Total field = 0.491 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.502 A/m ; Power Drift = -0.096 dB
Hearing Aid Near-Field Category: M2 (AWF 0 dB)

Peak H-field in A/m

Grid 1 0.408	Grid 2 0.428	Grid 3 0.394
Grid 4 0.469	Grid 5 0.491	Grid 6 0.459
Grid 7 0.410	Grid 8 0.430	Grid 9 0.403



Date/Time: 7/31/2006 9:25:50 AM

Test Laboratory: Kyocera Wireless Corp.

Validation_E_Dipole_Probe SN2282, Dipole SN1015, set to probe sensor center for 1880Mhz, 07-31-06

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 = 144.6 V/m

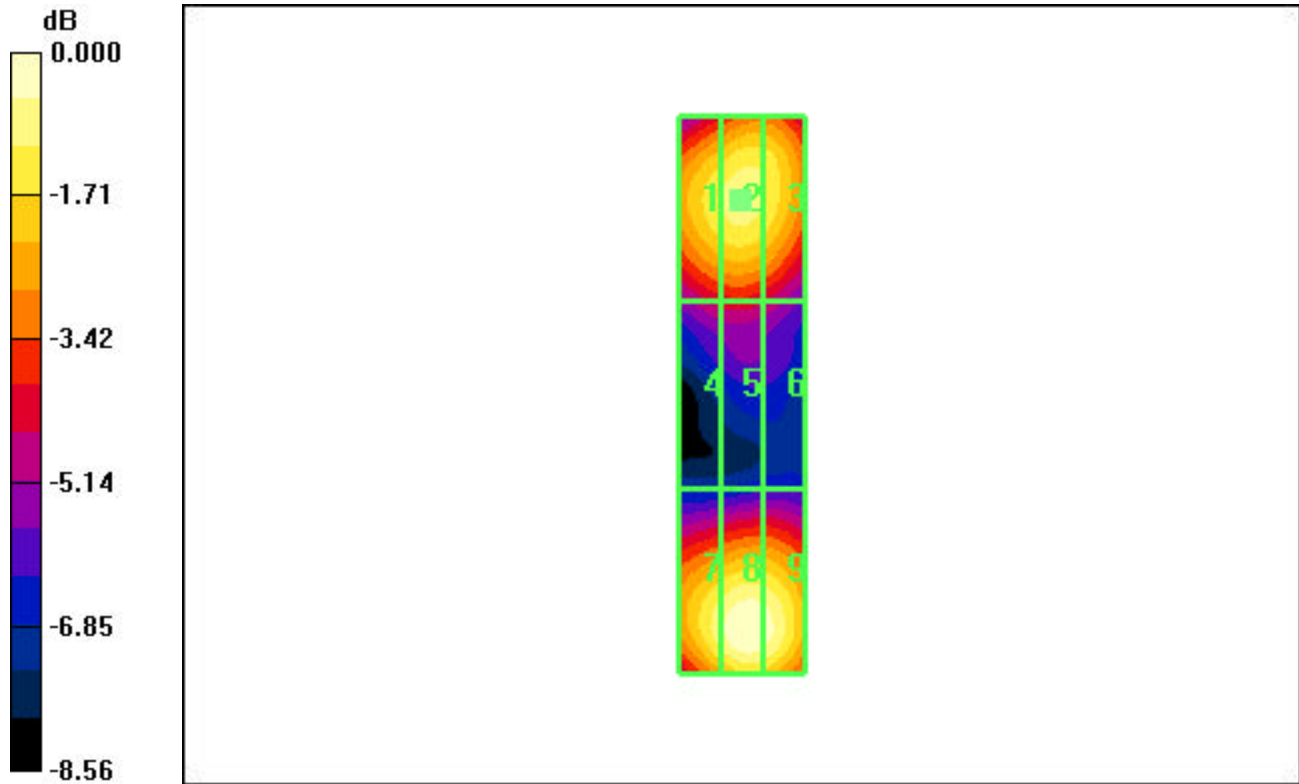
Probe Modulation Factor = 1.00

Reference Value = 68.4 V/m; Power Drift = -0.038 dB

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

Peak E-field in V/m

Grid 1 126.5	Grid 2 131.7	Grid 3 127.8
Grid 4 87.9	Grid 5 89.7	Grid 6 85.9
Grid 7 133.0	Grid 8 144.6	Grid 9 141.1



0 dB = 144.6V/m

Date/Time: 7/31/2006 9:14:23 AM

Test Laboratory: Kyocera Wireless Corp.

Validation_E_Dipole_Probe SN2282, Dipole SN1020, set to probe sensor center for 835Mhz 07-31-06

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: $dx=5\text{mm}$, $dy=5\text{mm}$

Maximum value of peak Total field = 179.0 V/m

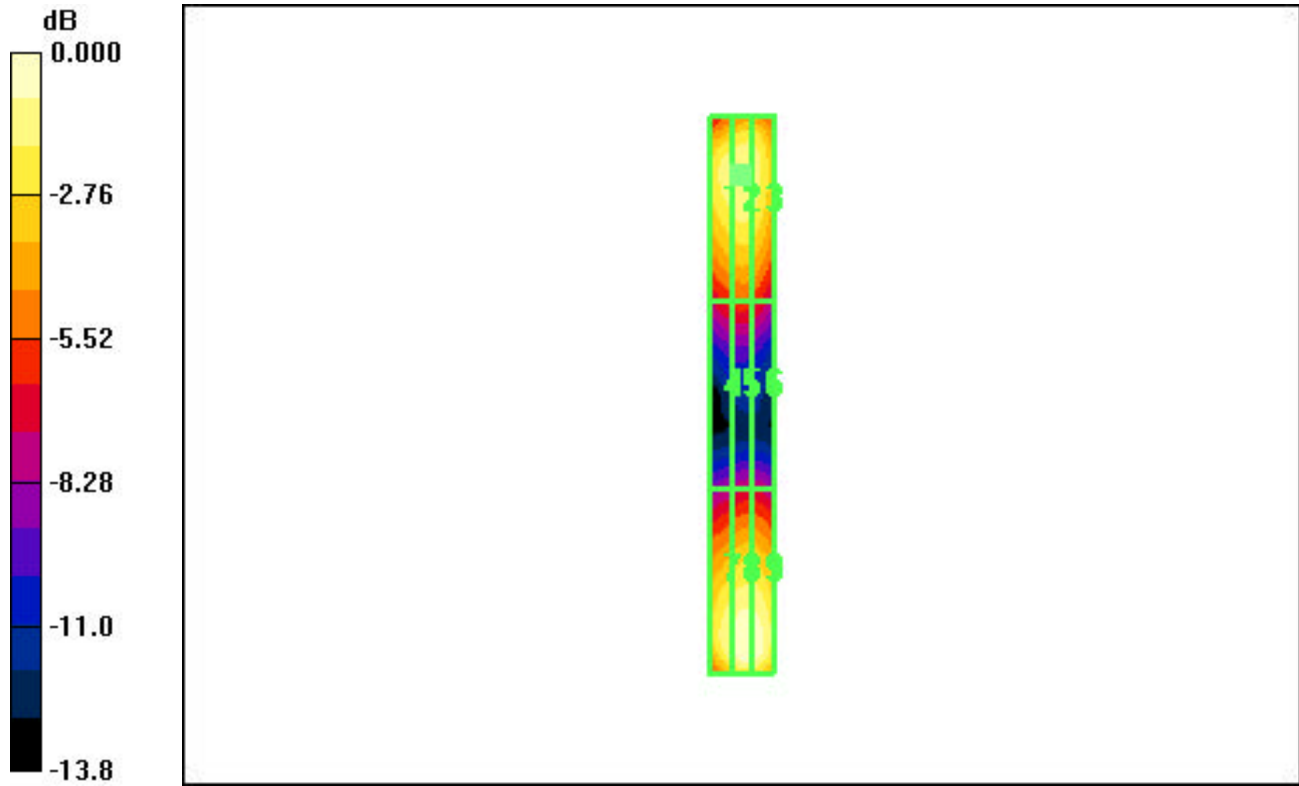
Probe Modulation Factor = 1.00

Reference Value = 48.7 V/m; Power Drift = -0.046 dB

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

Peak E-field in V/m

Grid 1 158.0	Grid 2 161.7	Grid 3 158.1
Grid 4 89.7	Grid 5 92.5	Grid 6 89.6
Grid 7 165.7	Grid 8 179.0	Grid 9 177.2



0 dB = 179.0V/m

Date/Time: 7/31/2006 8:46:21 AM

Test Laboratory: Kyocera Wireless Corp.

Validation_H_Dipole_Probe SN6123, Dipole SN1015, set to probe sensor center for 1880Mhz, 07-31-06

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 = 0.482 A/m

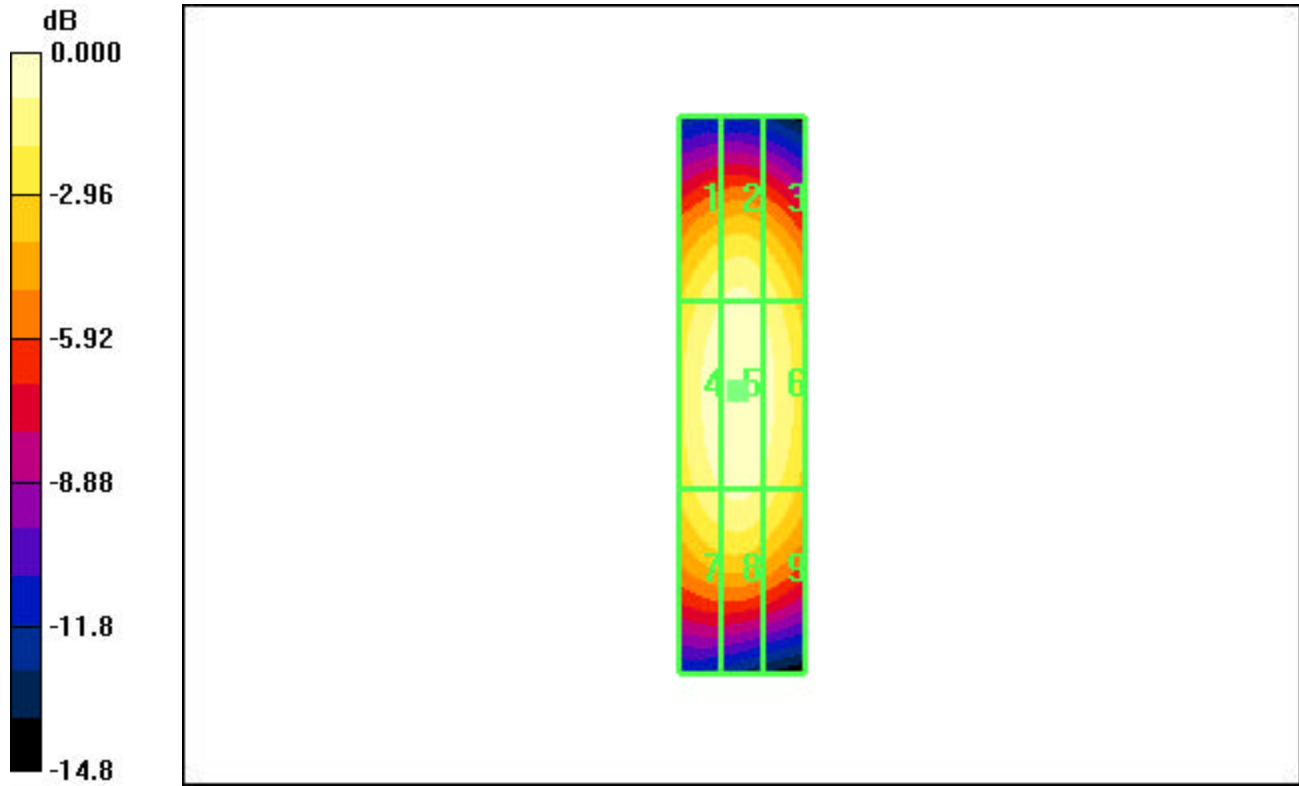
Probe Modulation Factor = 1.00

Reference Value = 0.482 A/m; Power Drift = 0.026 dB

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

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.429	0.448	0.419
Grid 4	Grid 5	Grid 6
0.466	0.482	0.453
Grid 7	Grid 8	Grid 9
0.431	0.445	0.415


$$0 \text{ dB} = 0.482 \text{ A/m}$$

Date/Time: 7/31/2006 9:01:47 AM

Test Laboratory: Kyocera Wireless Corp.

Validation_H_Dipole_Probe SN6123, Dipole SN1020, set to probe sensor center for 835Mhz, 07-31-06

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 = 0.492 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.498 A/m; Power Drift = 0.049 dB

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

Peak H-field in A/m

Grid 1 0.413	Grid 2 0.428	Grid 3 0.397
Grid 4 0.470	Grid 5 0.492	Grid 6 0.458
Grid 7 0.410	Grid 8 0.434	Grid 9 0.404

