

Date/Time: 2/7/2007 10:42:09 AM

Test Laboratory: Kyocera Wireless Corp.

**Validation\_H\_Dipole\_Probe SN6029, Dipole SN1015, set to probe sensor center for 1880Mhz, 02-07-07**

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

Medium: Air\_1,Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>

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

**DASY4 Configuration:**

Probe: H3DV5 - SN6029, , Calibrated: 6/13/2005

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527,Calibrated: 9/19/2006

Measurement SW: DASY4, V4.7 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 172

**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

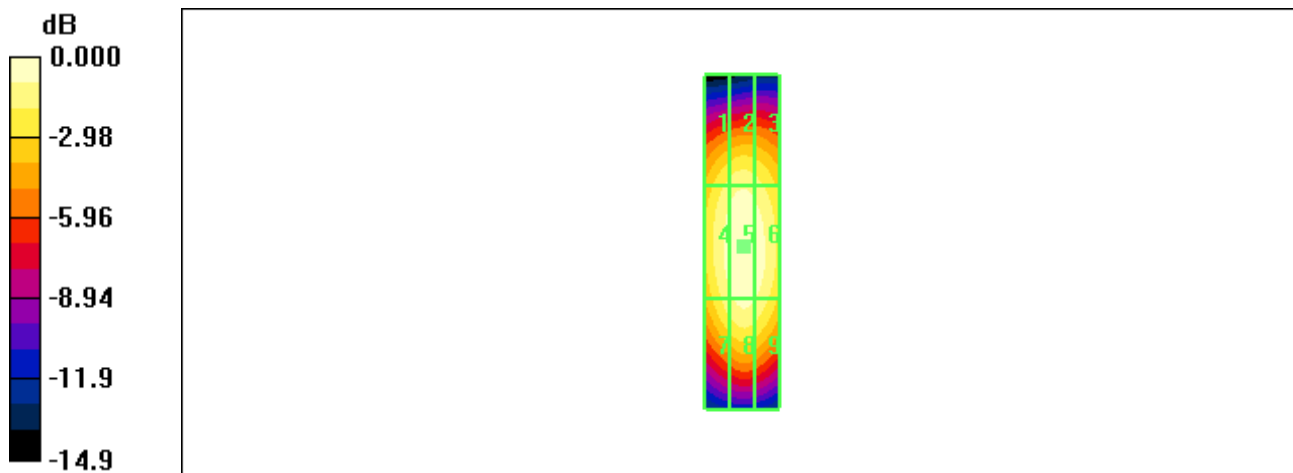
Probe Modulation Factor = 1.00

Reference Value = 0.484 A/m; Power Drift = 0.003 dB

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

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.401	0.426	0.408
Grid 4	Grid 5	Grid 6
0.452	0.484	0.467
Grid 7	Grid 8	Grid 9
0.419	0.450	0.434



0 dB = 0.484A/m

Date/Time: 2/7/2007 11:49:35 AM

Test Laboratory: Kyocera Wireless Corp.

**Validation\_E\_Dipole\_Probe SN2341, Dipole SN1015, set to probe sensor center for 1880Mhz, 02-07-07**

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

Medium: Air\_1, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

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

**DASY4 Configuration:**

Probe: ER3DV6 - SN2341, ConvF(1, 1, 1), Calibrated: 3/24/2006

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 9/19/2006

Measurement SW: DASY4, V4.7 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of peak Total field = 143.2 V/m

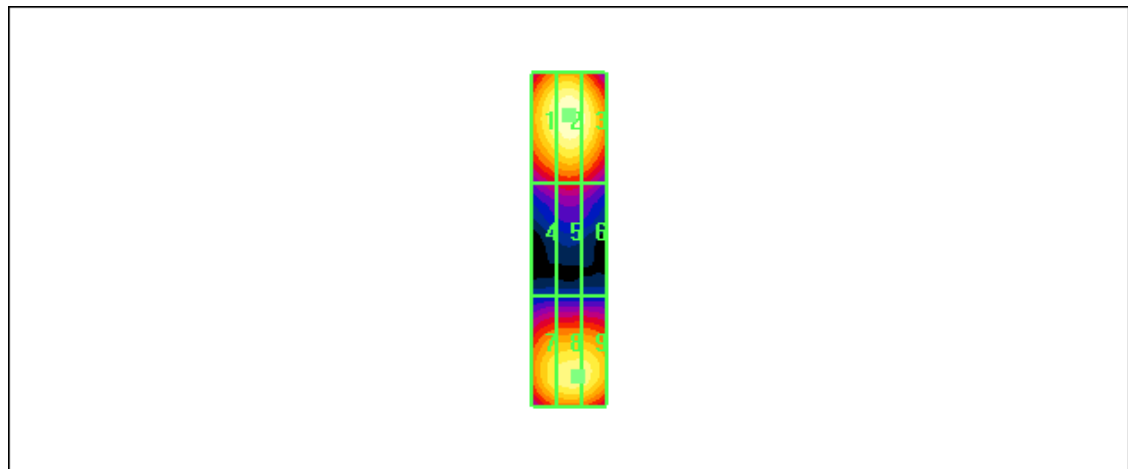
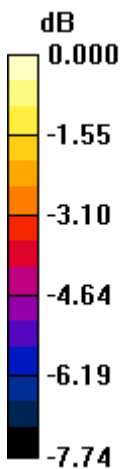
Probe Modulation Factor = 1.00

Reference Value = 68.2 V/m; Power Drift = -0.008 dB

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

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
135.8	143.2	137.7
Grid 4	Grid 5	Grid 6
90.6	94.1	91.1
Grid 7	Grid 8	Grid 9
128.3	133.1	132.6



0 dB = 143.2V/m

Test Laboratory: Kyocera Wireless Corp.

**Validation\_H\_Dipole\_Probe SN6029, Dipole SN1020, set to probe sensor center for 835Mhz, 02-07-07**

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

Medium: Air\_1, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

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

**DASY4 Configuration:**

Probe: H3DV5 - SN6029, , Calibrated: 6/13/2005

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 9/19/2006

Measurement SW: DASY4, V4.7 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of peak Total field = 0.484 A/m

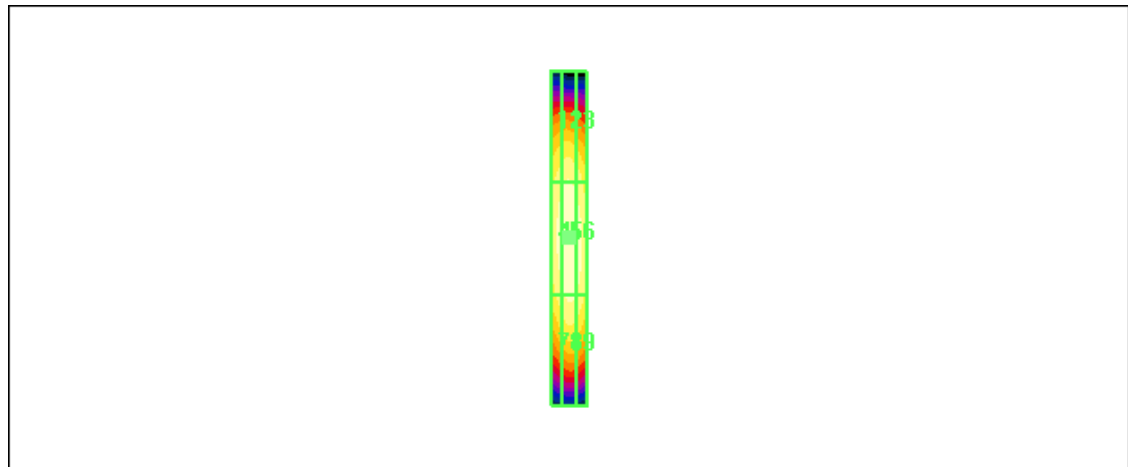
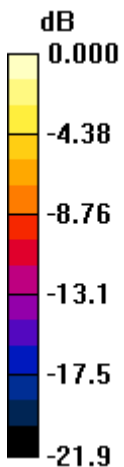
Probe Modulation Factor = 1.00

Reference Value = 0.471 A/m; Power Drift = -0.051 dB

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

Peak H-field in A/m

Grid 1 <b>0.397</b>	Grid 2 <b>0.418</b>	Grid 3 <b>0.392</b>
Grid 4 <b>0.455</b>	Grid 5 <b>0.484</b>	Grid 6 <b>0.461</b>
Grid 7 <b>0.396</b>	Grid 8 <b>0.429</b>	Grid 9 <b>0.412</b>



0 dB = 0.484A/m

Test Laboratory: Kyocera Wireless Corp.

**Validation\_E\_Dipole\_Probe SN2341, Dipole SN1020, set to probe sensor center for 835Mhz 02-07-07**

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

Medium: Air\_1, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

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

**DASY4 Configuration:**

Probe: ER3DV6 - SN2341, ConvF(1, 1, 1), Calibrated: 3/24/2006

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn527, Calibrated: 9/19/2006

Measurement SW: DASY4, V4.7 Build 44

Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of peak Total field = 167.7 V/m

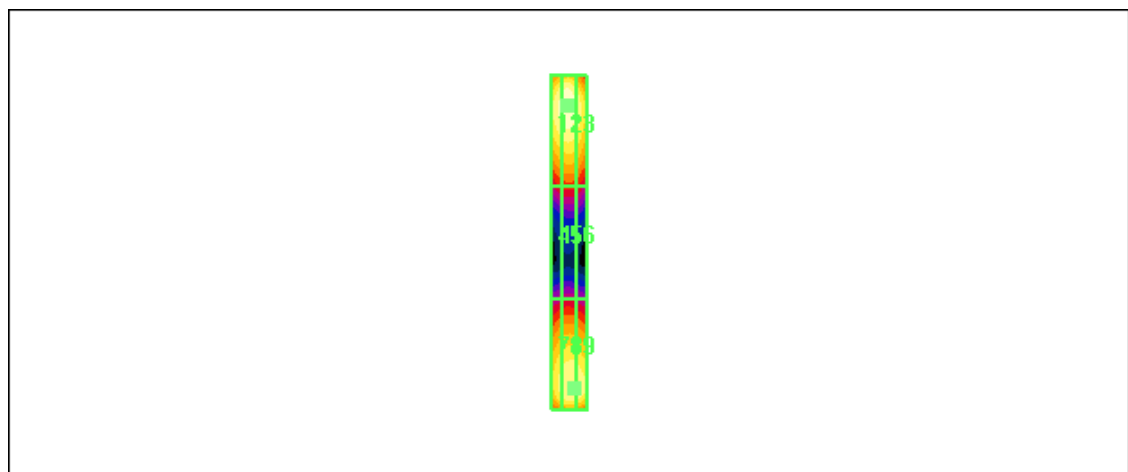
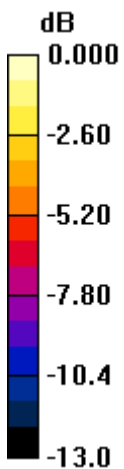
Probe Modulation Factor = 1.00

Reference Value = 49.3 V/m; Power Drift = -0.088 dB

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

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
160.9	167.7	156.1
Grid 4	Grid 5	Grid 6
85.4	87.5	85.2
Grid 7	Grid 8	Grid 9
147.4	155.5	155.2



0 dB = 167.7V/m