



Applicant:	Kyocera
FCC ID:	V65M6000_C2PC
Report #:	CT-M6000-20RFB-0210-R0

## Validation E-Field Probe SN2282, Dipole SN1020, 835 MHz

Date: 2/17/2010

Communication System: CW, Frequency: 835 MHz, Duty Cycle: 1:1  
Medium: Air, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

### DASY4 Configuration:

Probe: ER3DV6 - SN2282, ConvF(1, 1, 1), Calibrated: 8/14/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

### Temperature:

Room T = 21.8° 1 deg C, Liquid T = 22.0° 1 deg C

### E Scan 835 - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 158.9 V/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

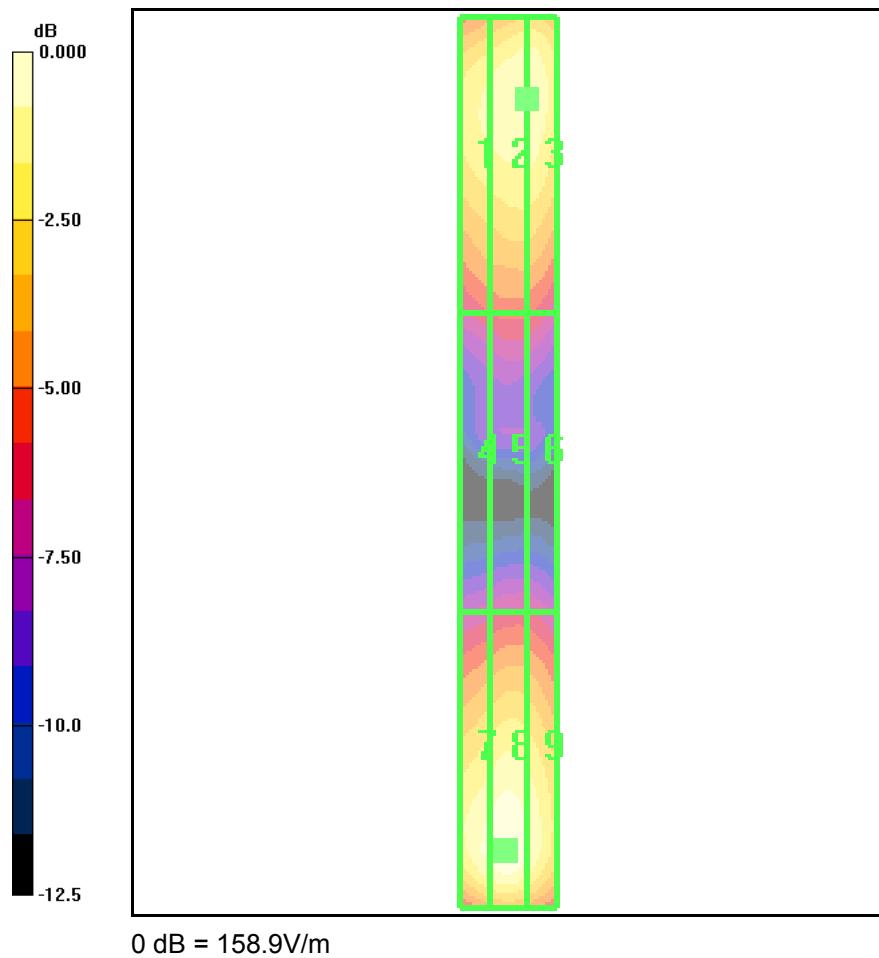
Reference Value = 182.1 V/m; Power Drift = 0.117 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
<b>136.3 M4</b>	<b>145.7 M4</b>	<b>145.7 M4</b>
Grid 4	Grid 5	Grid 6
<b>80.6 M4</b>	<b>83.6 M4</b>	<b>82.5 M4</b>

Grid 7	Grid 8	Grid 9
<b>151.3 M4</b>	<b>158.9 M4</b>	<b>147.0 M4</b>



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**Validation H-Field Probe SN6123, Dipole SN1020, 835 MHz**

Date: 2/18/2010

Communication System: CW, Frequency: 835 MHz, Duty Cycle: 1:1  
 Medium: Air, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

**DASY4 Configuration:**

Probe: H3DV6 - SN6123, , Calibrated: 7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

**Temperature:**

Room T = 21.8° 1 deg C, Liquid T = 22.0° 1 deg C

**H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing**

**Aid Compatibility Test (41x361x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.454 A/m

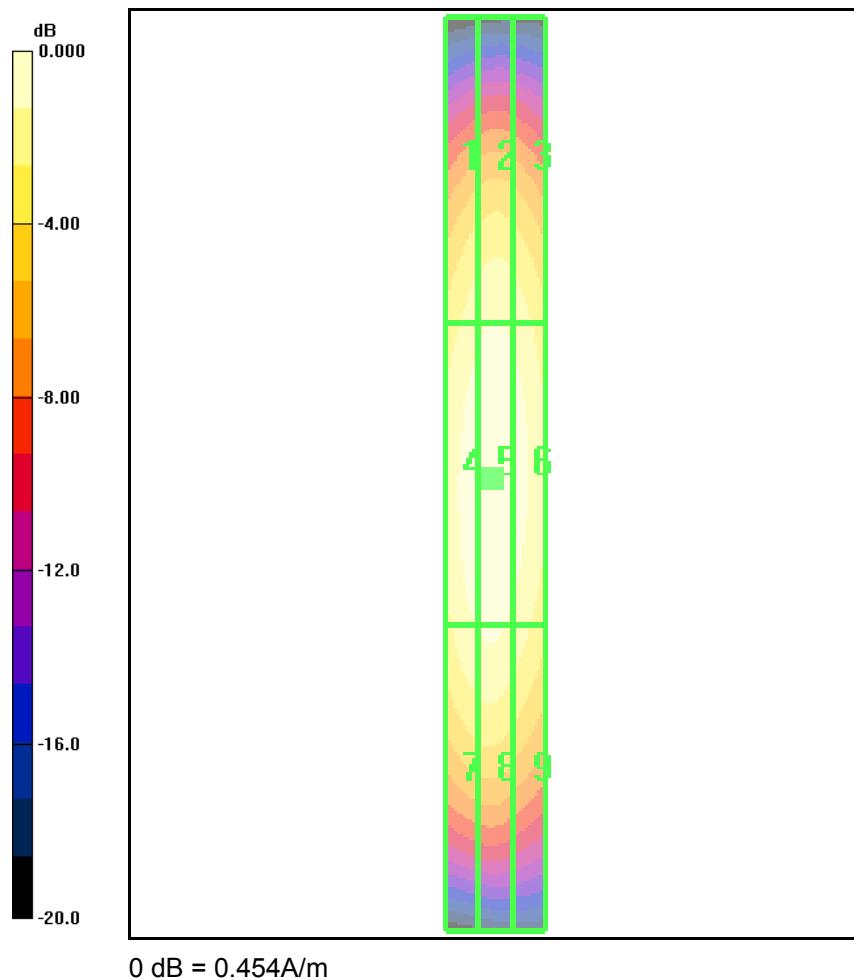
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.485 A/m; Power Drift = -0.028 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
<b>0.372 M4</b>	<b>0.391 M4</b>	<b>0.373 M4</b>
Grid 4	Grid 5	Grid 6
<b>0.436 M4</b>	<b>0.454 M4</b>	<b>0.428 M4</b>
Grid 7	Grid 8	Grid 9
<b>0.392 M4</b>	<b>0.403 M4</b>	<b>0.373 M4</b>



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**Validation E-Field Probe SN2282, Dipole SN1015, 1800 MHz**

Date: 2/17/2010

Communication System: CW, Frequency: 1900 MHz, Duty Cycle: 1:1  
 Medium: Air, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

**DASY4 Configuration:**

Probe: ER3DV6 - SN2282, ConvF(1, 1, 1), Calibrated: 8/14/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

**Temperature:**

Room T = 21.8̊ 1 deg C, Liquid T = 22.0̊ 1 deg C

**E Scan 1880 - measurement distance from the probe sensor center to CD1880 Dipole =**
**10mm/Hearing Aid Compatibility Test (41x181x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 138.9 V/m

Probe Modulation Factor = 1.00

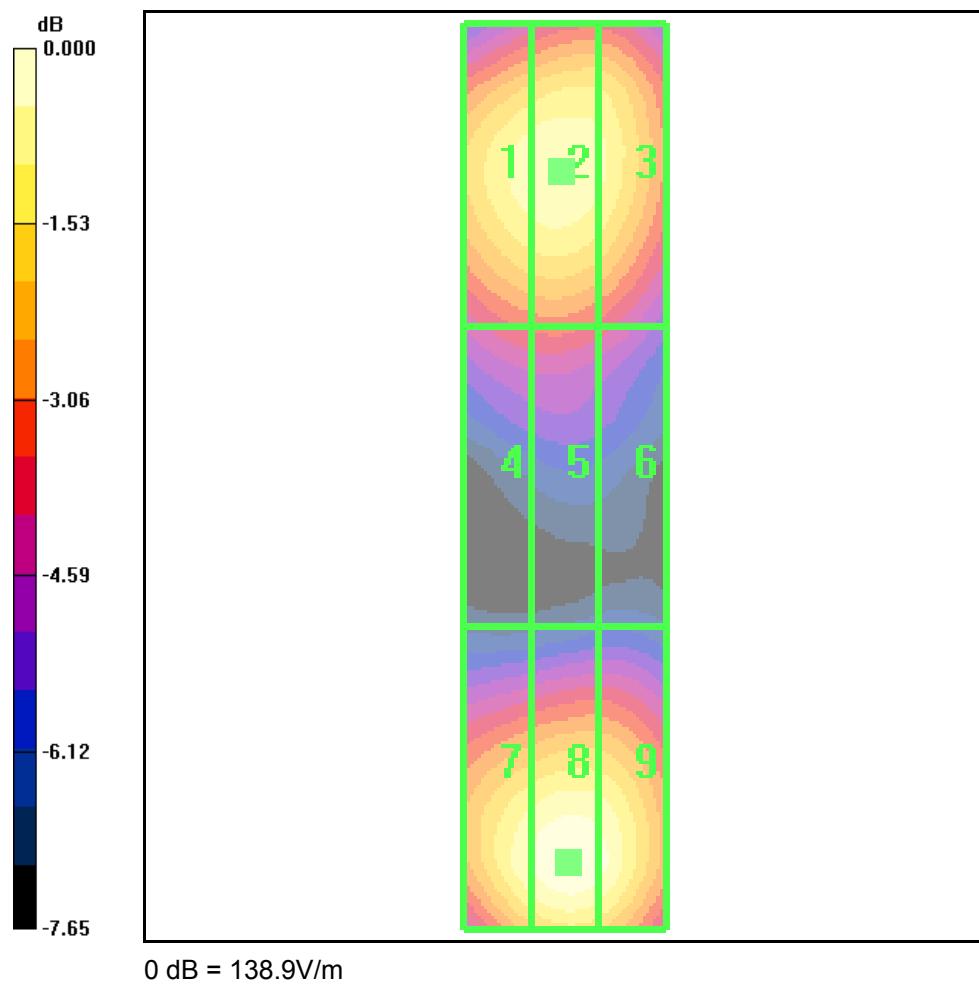
Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 155.9 V/m; Power Drift = 0.087 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
<b>128.0 M2</b>	<b>130.7 M2</b>	<b>125.4 M2</b>
Grid 4	Grid 5	Grid 6
<b>93.8 M3</b>	<b>95.0 M3</b>	<b>90.1 M3</b>
Grid 7	Grid 8	Grid 9
<b>131.0 M2</b>	<b>138.9 M2</b>	<b>133.9 M2</b>

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**Validation H-Field Probe SN6123, Dipole SN1015, 1880 MHz**

Date: 2/18/2010

Communication System: CW, Frequency: 1900 MHz, Duty Cycle: 1:1  
 Medium: Air, Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom: HAC Test Arch with AMCC, Phantom section: RF Section

**DASY4 Configuration:**

Probe: H3DV6 - SN6123, , Calibrated: 7/16/2009

Sensor-Surface: (Fix Surface),

Electronics: DAE4 Sn602, Calibrated: 6/17/2009

Measurement SW: DASY4, V4.7 Build 80

Postprocessing SW: SEMCAD, V1.8 Build 186

**Temperature:**

Room T = 21.8 ± 1 deg C, Liquid T = 22.0 ± 1 deg C

**H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing**

**Aid Compatibility Test (41x181x1):** Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.462 A/m

Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, -6.30 mm

Reference Value = 0.485 A/m; Power Drift = 0.080 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
<b>0.400 M2</b>	<b>0.419 M2</b>	<b>0.394 M2</b>
Grid 4	Grid 5	Grid 6
<b>0.442 M2</b>	<b>0.462 M2</b>	<b>0.440 M2</b>

Grid 7	Grid 8	Grid 9
<b>0.405 M2</b>	<b>0.425 M2</b>	<b>0.406 M2</b>

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