

Date: 6/30/2008

File Name: [Validation\\_E-Field\\_Probe SN6123, Dipole SN1015, 1900Mhz, June30,08.da4](#)

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: E Device Section

## DASY4 Configuration:

- Probe: ER3DV6 - SN2341; ConvF(1, 1, 1); Calibrated: 4/17/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn603; Calibrated: 10/15/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: **Not Specified**
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

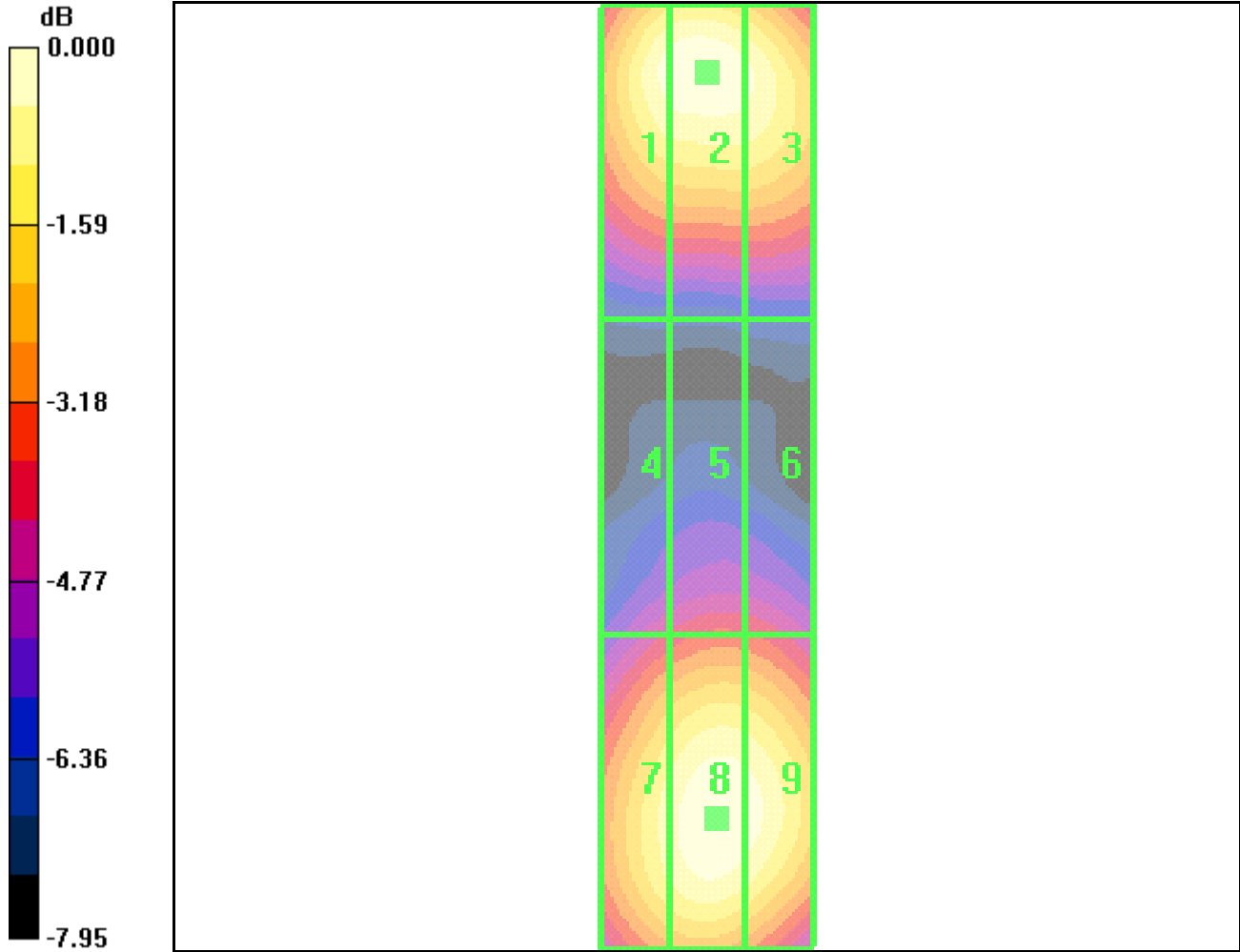
Maximum value of peak Total field = 144.4 V/m

Probe Modulation Factor = 1.00

Reference Value = 71.8 V/m; Power Drift = -0.079 dB

Peak E-field in V/m

Grid 1 <b>140.7</b>	Grid 2 <b>144.4</b>	Grid 3 <b>138.8</b>
Grid 4 <b>90.0</b>	Grid 5 <b>95.9</b>	Grid 6 <b>95.1</b>
Grid 7 <b>133.3</b>	Grid 8 <b>143.6</b>	Grid 9 <b>140.9</b>



0 dB = 144.4V/m

File Name: [Validation\\_H-Field\\_Probe SN6123\\_Dipole SN1015\\_1900Mhz\\_June30,08.da4](#)

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: H Device Section

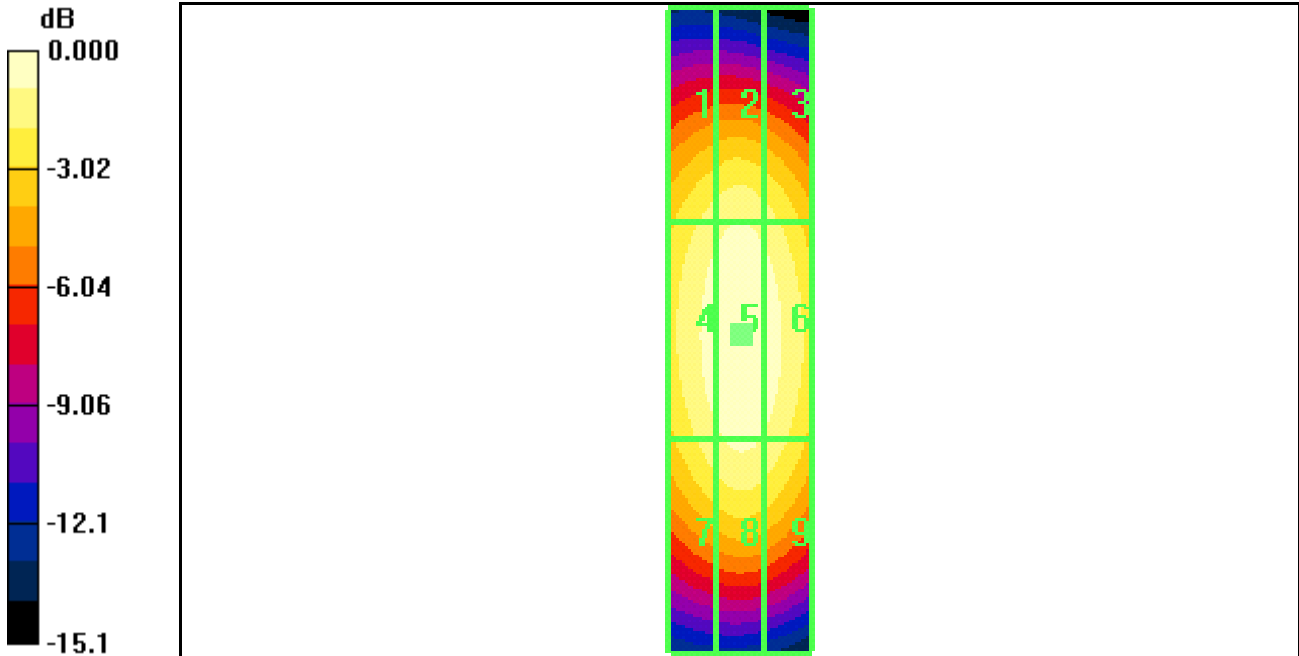
DASY4 Configuration:

- Probe: H3DV6 - SN6123; ; Calibrated: 9/14/2007
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn603; Calibrated: 10/15/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; Serial: **Not Specified**
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**H-Field Scan/Hearing Aid Compatibility Test (41x181x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 0.486 A/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 0.536 A/m; Power Drift = -0.028 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.411	0.433	0.411
Grid 4	Grid 5	Grid 6
0.459	0.486	0.464
Grid 7	Grid 8	Grid 9
0.420	0.447	0.427



0 dB = 0.486A/m