

File Name: [Validation H-Field Probe SN6029, Dipole SN1020, 800Mhz, Sept 4,08.da4](#)

Communication System: CDMA; Frequency: 836.49 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

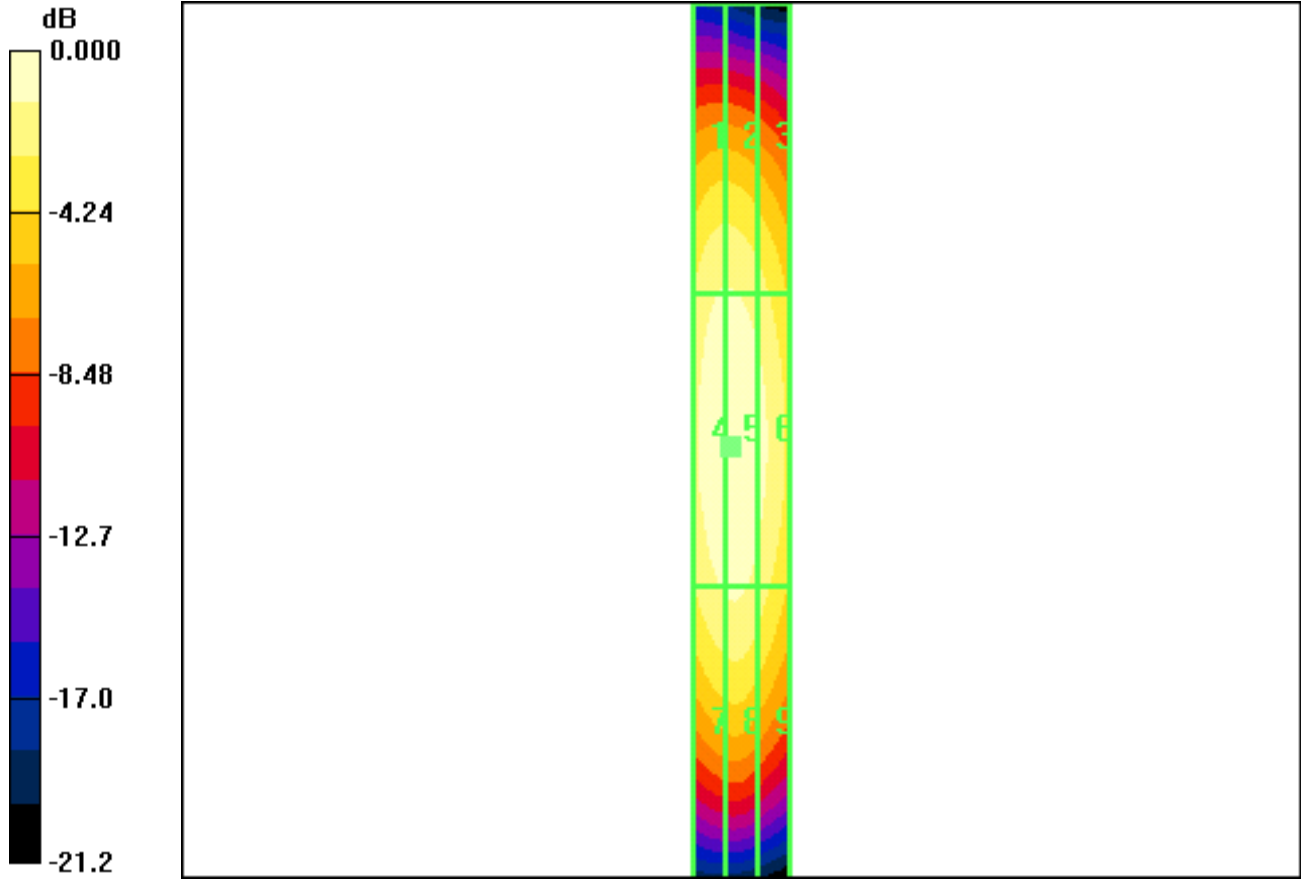
## DASY4 Configuration:

- Probe: H3DV5 - SN6029; ; Calibrated: 6/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn603; Calibrated: 10/15/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**H-Field Scan/Hearing Aid Compatibility Test (41x361x1):** Measurement grid: dx=5mm, dy=5mm  
Maximum value of peak Total field = 0.470 A/m  
Probe Modulation Factor = 1.00  
Reference Value = 0.510 A/m; Power Drift = 0.009 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
<b>0.405</b>	<b>0.405</b>	<b>0.365</b>
Grid 4	Grid 5	Grid 6
<b>0.465</b>	<b>0.470</b>	<b>0.426</b>
Grid 7	Grid 8	Grid 9
<b>0.405</b>	<b>0.412</b>	<b>0.371</b>



0 dB = 0.470A/m

File Name: [Validation E-Field Probe SN2341, Dipole SN1020, 800Mhz, Sept 4.08.da4](#)

Communication System: CDMA; Frequency: 836.49 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

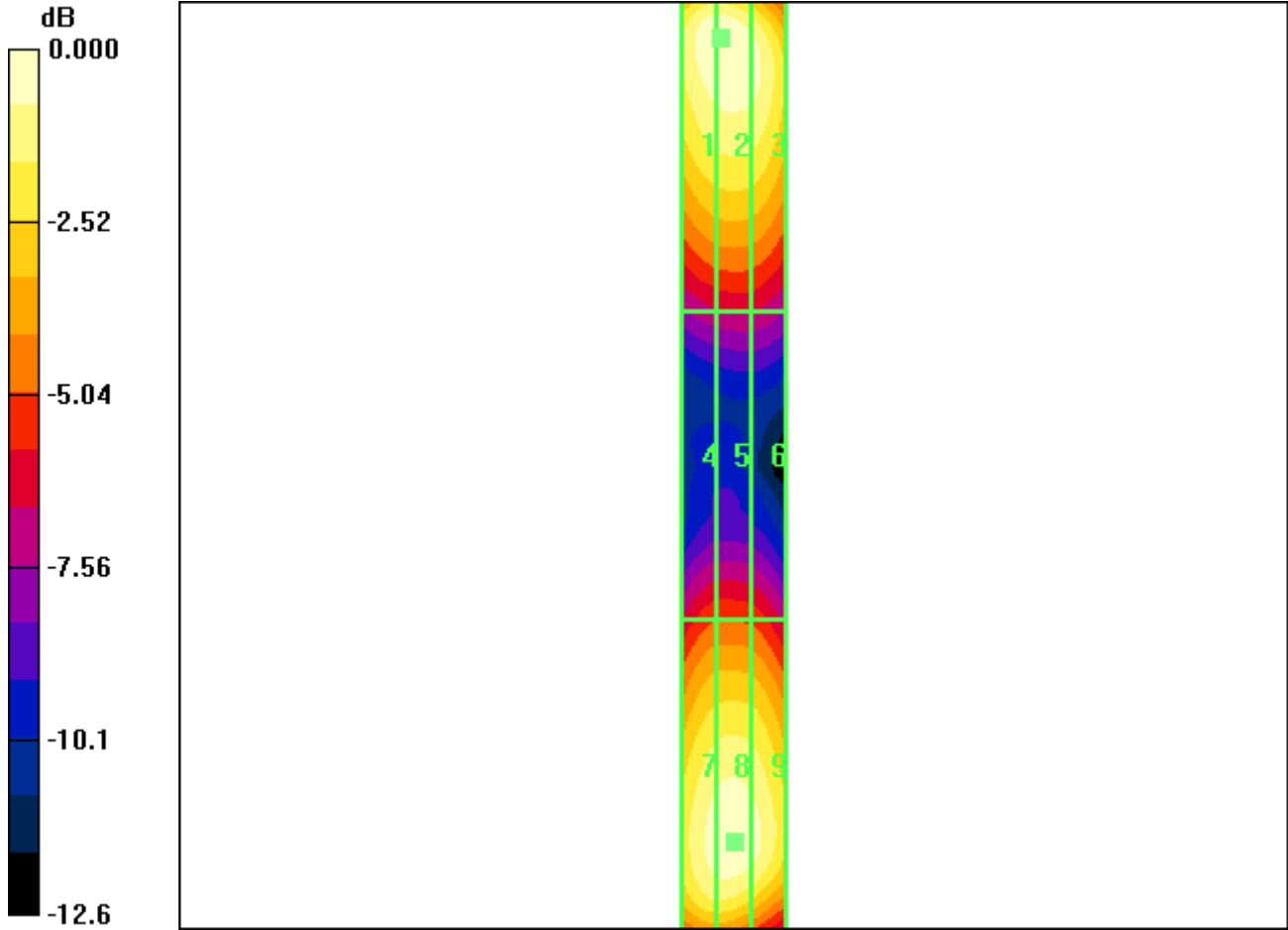
## DASY4 Configuration:

- Probe: ER3DV6 - SN2341; ConvF(1, 1, 1); Calibrated: 4/17/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 4/15/2008
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**E-Field Scan/Hearing Aid Compatibility Test (41x361x1):** Measurement grid: dx=5mm, dy=5mm  
Maximum value of peak Total field = 156.0 V/m  
Probe Modulation Factor = 1.00  
Reference Value = 55.3 V/m; Power Drift = -0.012 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
155.6	156.0	148.8
Grid 4	Grid 5	Grid 6
87.2	87.4	85.8
Grid 7	Grid 8	Grid 9
148.4	153.0	147.7



0 dB = 156.0V/m

File Name: [Validation H-Field Probe SN6029, Dipole SN1015, 1700Mhz, Sept 4,08.da4](#)

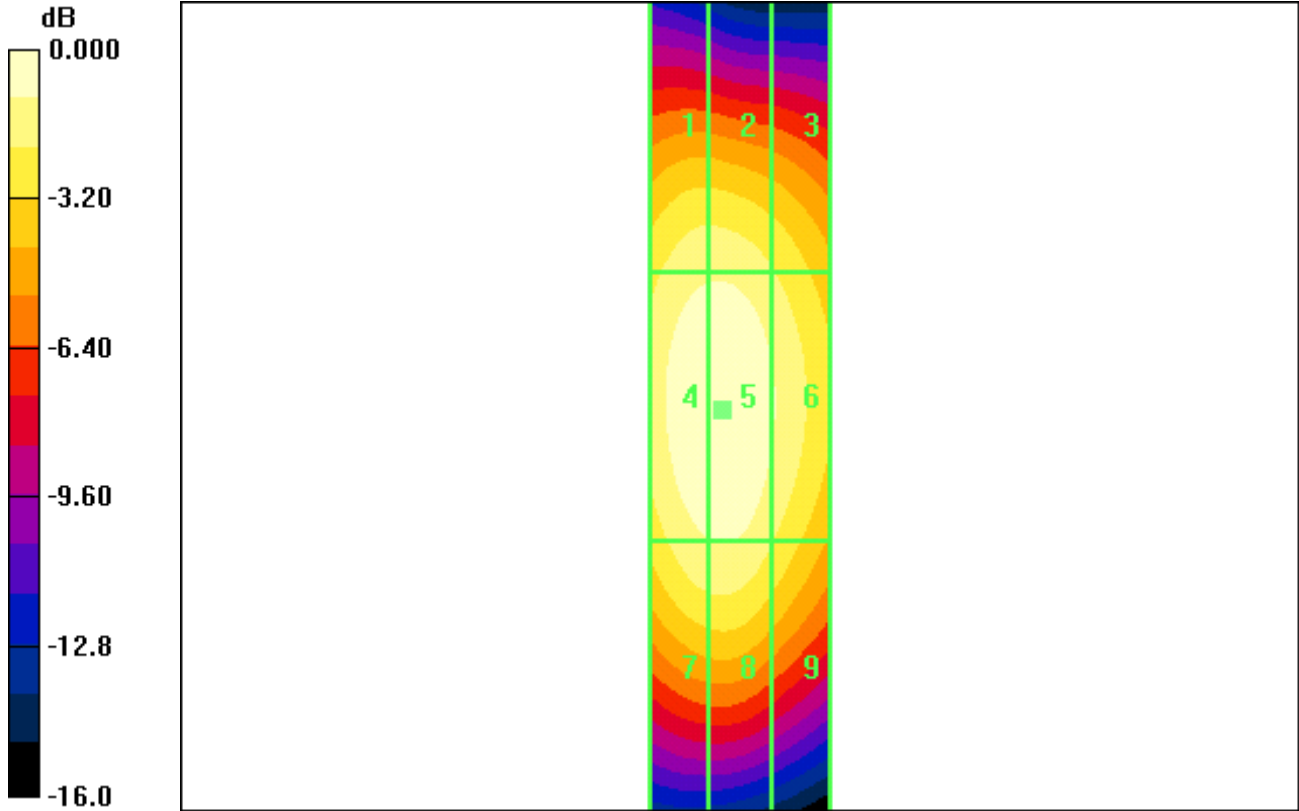
Communication System: AWS-1700; Frequency: 1732.5 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $\sigma = 0$  mho/m,  $\epsilon_r = 1$ ;  $\rho = 1$  kg/m<sup>3</sup>  
 Phantom section: H Device Section

DASY4 Configuration:  
 - Probe: H3DV5 - SN6029; ; Calibrated: 6/19/2008  
 - Sensor-Surface: (Fix Surface)  
 - Electronics: DAE4 Sn603; Calibrated: 10/15/2007  
 - Phantom: HAC Test Arch; Type: SD HAC P01 BA;  
 - 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 = 0.452 A/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 0.496 A/m; Power Drift = -0.068 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
<b>0.392</b>	<b>0.393</b>	<b>0.357</b>
Grid 4	Grid 5	Grid 6
<b>0.449</b>	<b>0.452</b>	<b>0.406</b>
Grid 7	Grid 8	Grid 9
<b>0.397</b>	<b>0.402</b>	<b>0.356</b>



0 dB = 0.452A/m

File Name: [Validation E-Field Probe SN2341, Dipole SN1015, 1700Mhz, Sept 4, 08.da4](#)

Communication System: AWS-1700; Frequency: 1732.5 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

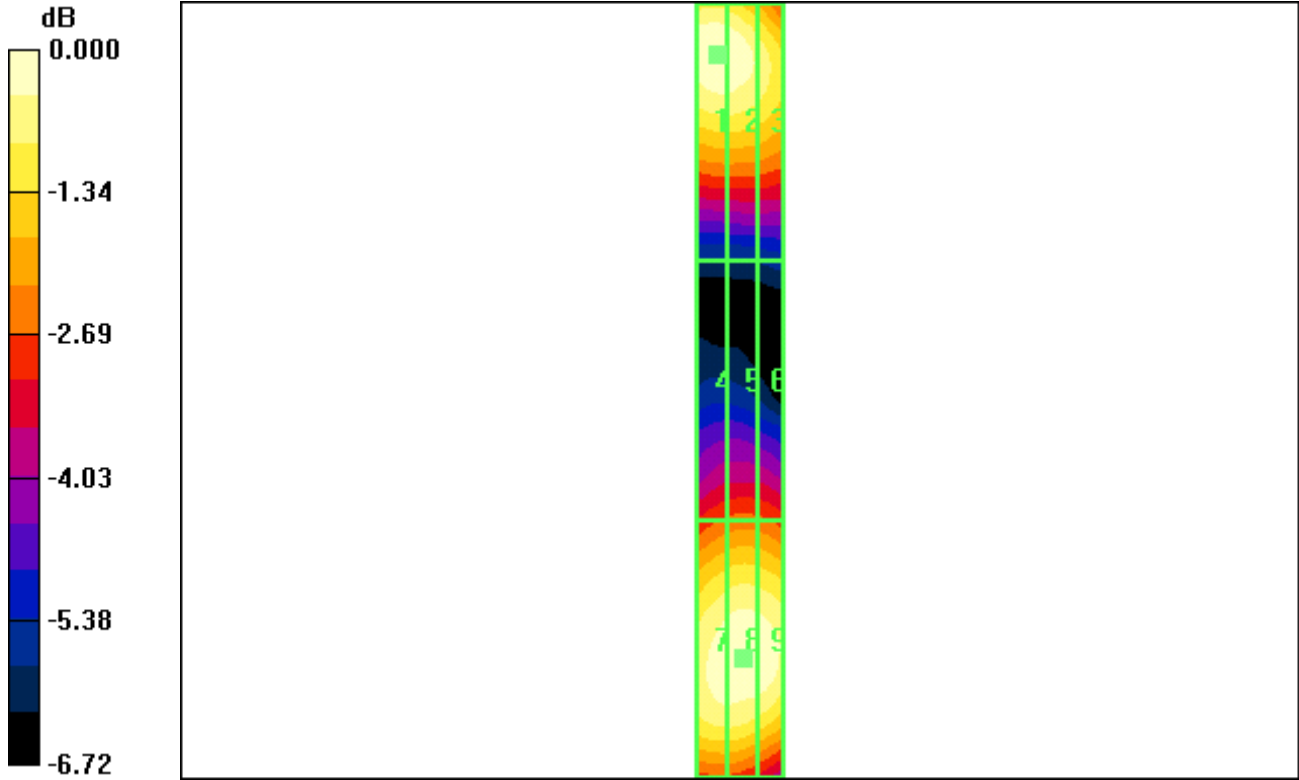
DASY4 Configuration:

- Probe: ER3DV6 - SN2341; ConvF(1, 1, 1); Calibrated: 4/17/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 4/15/2008
- Phantom: HAC Test Arch; Type: SD HAC P01 BA; - Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**E-Field Scan/Hearing Aid Compatibility Test (21x181x1):** Measurement grid: dx=5mm, dy=5mm  
 Maximum value of peak Total field = 141.7 V/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 77.5 V/m; Power Drift = -0.023 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
141.7	141.5	133.4
Grid 4	Grid 5	Grid 6
105.1	106.2	105.7
Grid 7	Grid 8	Grid 9
139.6	140.6	139.9



0 dB = 141.7V/m



File Name: [Validation H-Field Probe SN6029, Dipole SN1015, 1900Mhz, Sept 4,08.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: H3DV5 - SN6029; ; Calibrated: 6/19/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn603; Calibrated: 10/15/2007
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**H-Field Scan/Hearing Aid Compatibility Test (21x181x1):** Measurement grid: dx=5mm, dy=5mm

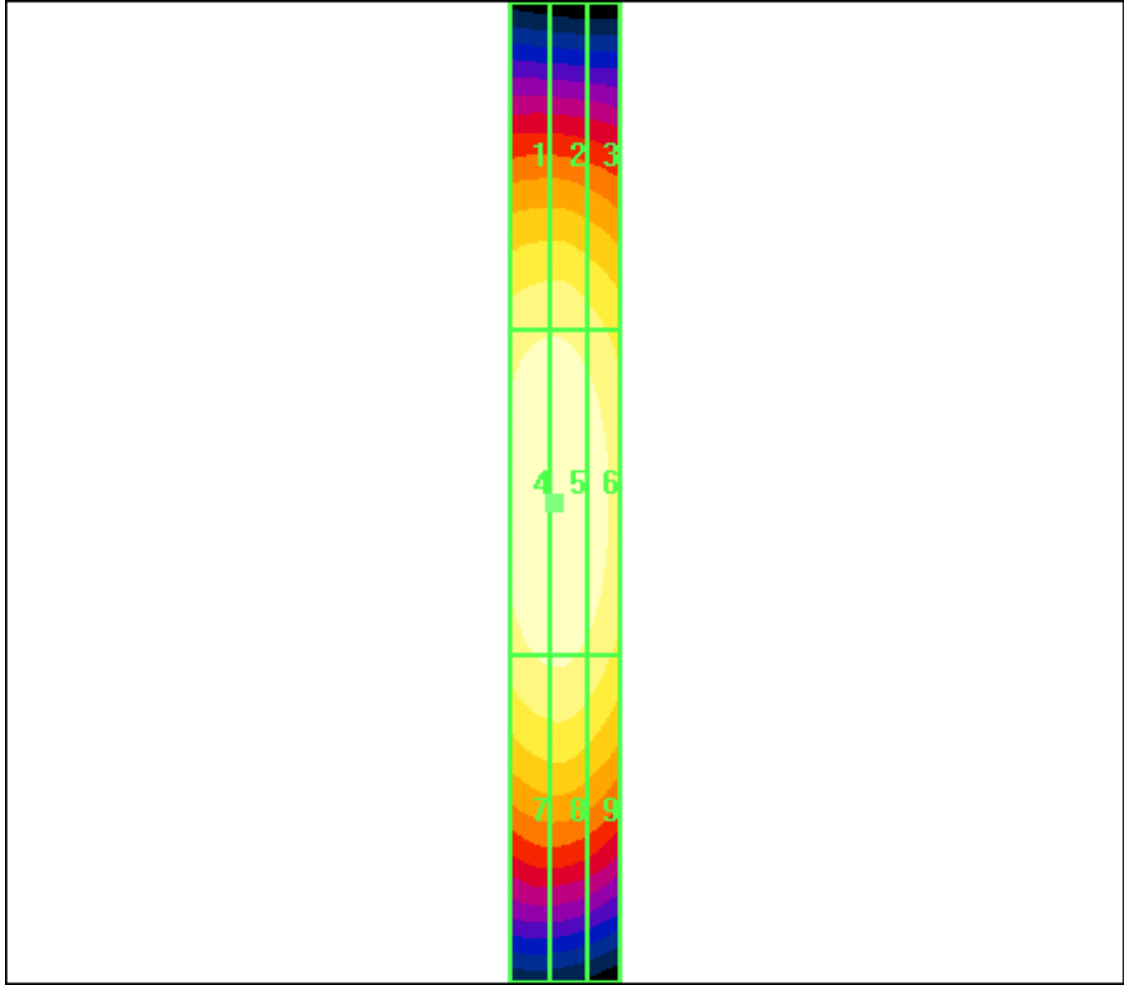
Maximum value of peak Total field = 0.495 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.521 A/m; Power Drift = 0.100 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.444	0.444	0.427
Grid 4	Grid 5	Grid 6
0.494	0.495	0.478
Grid 7	Grid 8	Grid 9
0.455	0.457	0.439



0 dB = 0.495A/m

File Name: [Validation E-Field Probe SN2341, Dipole SN1015, 1900Mhz, Sept 4,08.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

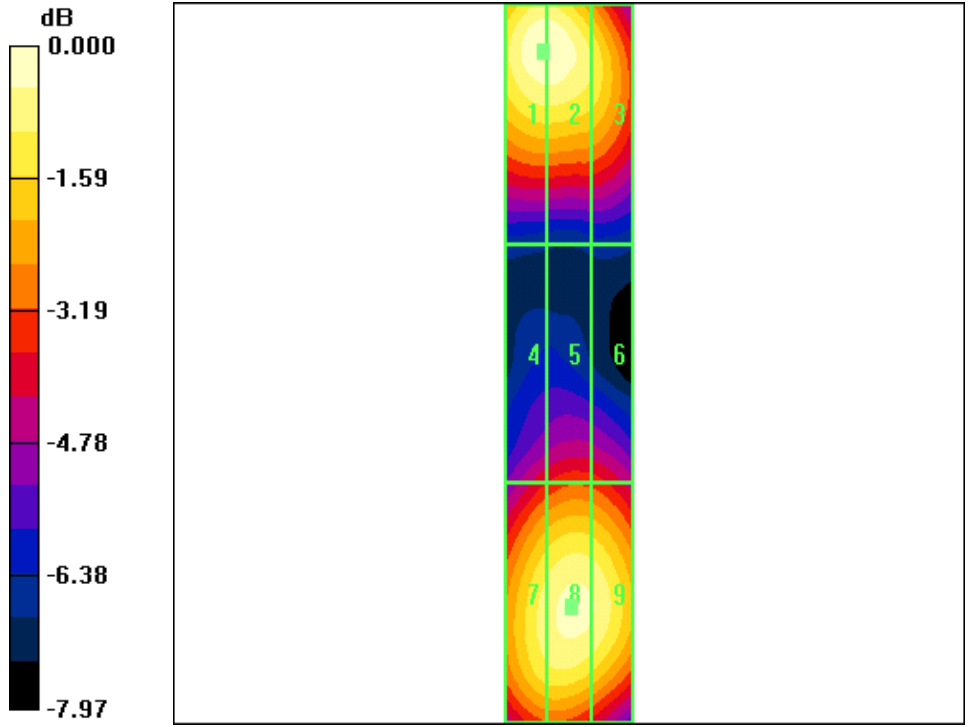
DASY4 Configuration:

- Probe: ER3DV6 - SN2341; ConvF(1, 1, 1); Calibrated: 4/17/2008
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn530; Calibrated: 4/15/2008
- Phantom: HAC Test Arch; Type: SD HAC P01 BA;
  
- 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 = 139.7 V/m  
 Probe Modulation Factor = 1.00  
 Reference Value = 70.3 V/m; Power Drift = 0.004 dB

Peak E-field in V/m

Grid 1	Grid 2	Grid 3
139.7	139.7	124.0
Grid 4	Grid 5	Grid 6
91.6	96.3	95.1
Grid 7	Grid 8	Grid 9
128.5	134.3	132.2



0 dB = 139.7V/m