

Date: 12/12/2008

File Name: [Validation H-Field_Probe SN6123_Dipole SN1020_835Mhz_1212.08.da4](#)

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: H Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123; ; Calibrated: 8/18/2008
- 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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of peak Total field = 0.424 A/m

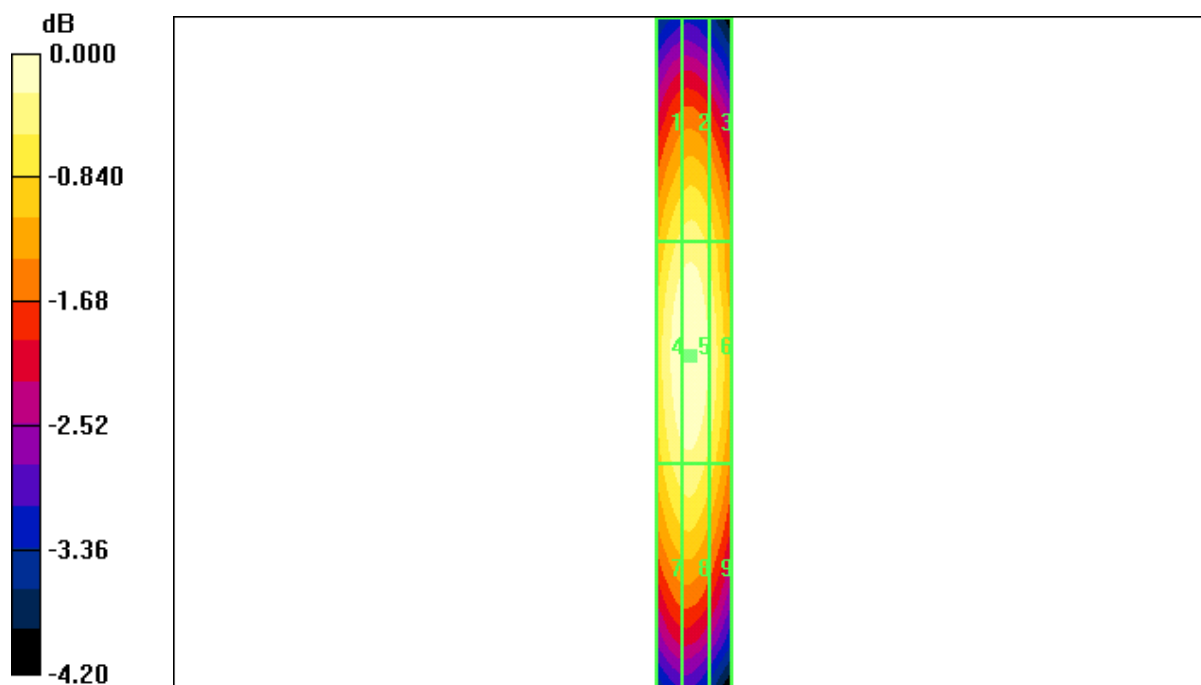
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.466 A/m; Power Drift = -0.085 dB

Peak H-field in A/m

Grid 1 0.402 M4	Grid 2 0.404 M4	Grid 3 0.394 M4
Grid 4 0.422 M4	Grid 5 0.424 M4	Grid 6 0.410 M4
Grid 7 0.406 M4	Grid 8 0.407 M4	Grid 9 0.393 M4



0 dB = 0.424A/m

Date: 12/12/2008

File Name: [Validation_H-Field_Probe SN6123_Dipole SN1015_1900Mhz_1212.08.da4](#)

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom section: H Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123; ; Calibrated: 8/18/2008
- 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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of peak Total field = 0.464 A/m

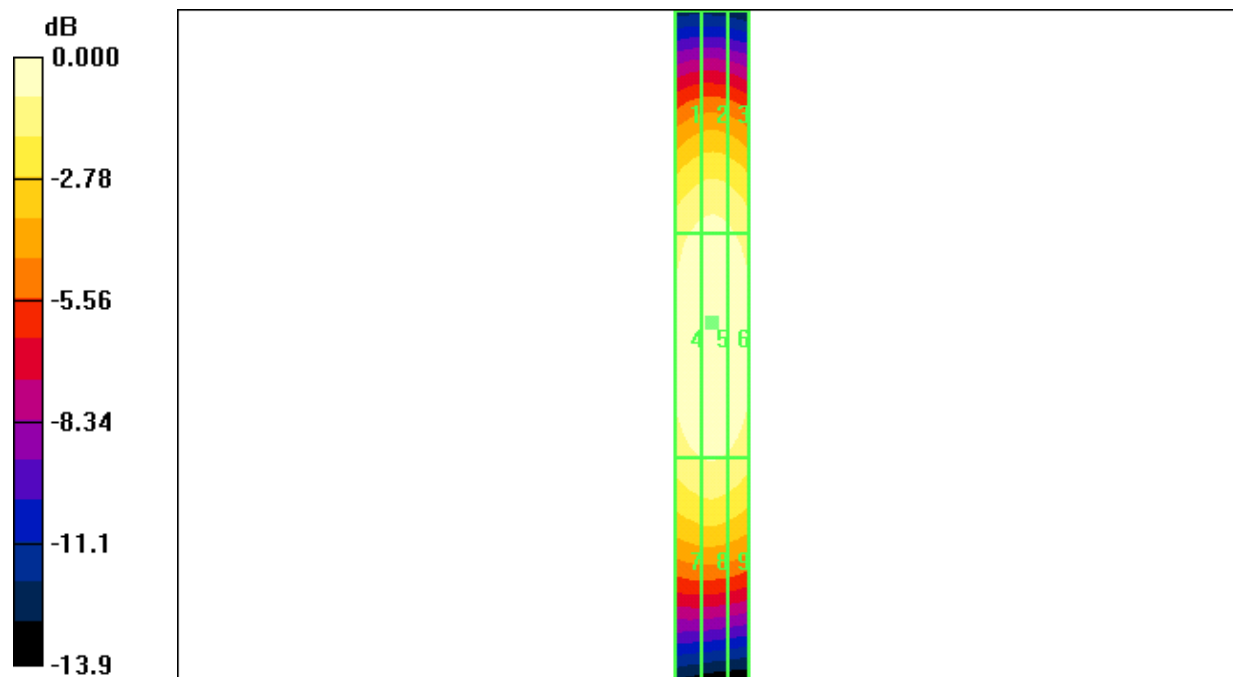
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.506 A/m; Power Drift = 0.023 dB

Peak H-field in A/m

Grid 1 0.429 M2	Grid 2 0.435 M2	Grid 3 0.426 M2
Grid 4 0.460 M2	Grid 5 0.464 M2	Grid 6 0.457 M2
Grid 7 0.417 M2	Grid 8 0.420 M2	Grid 9 0.413 M2



0 dB = 0.464A/m

Date: 12/12/2008

File Name: [Validation E-Field Probe SN2341, Dipole SN1020, 835Mhz, 1212.08.da4](#)

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

E-Field Scan/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 153.8 V/m

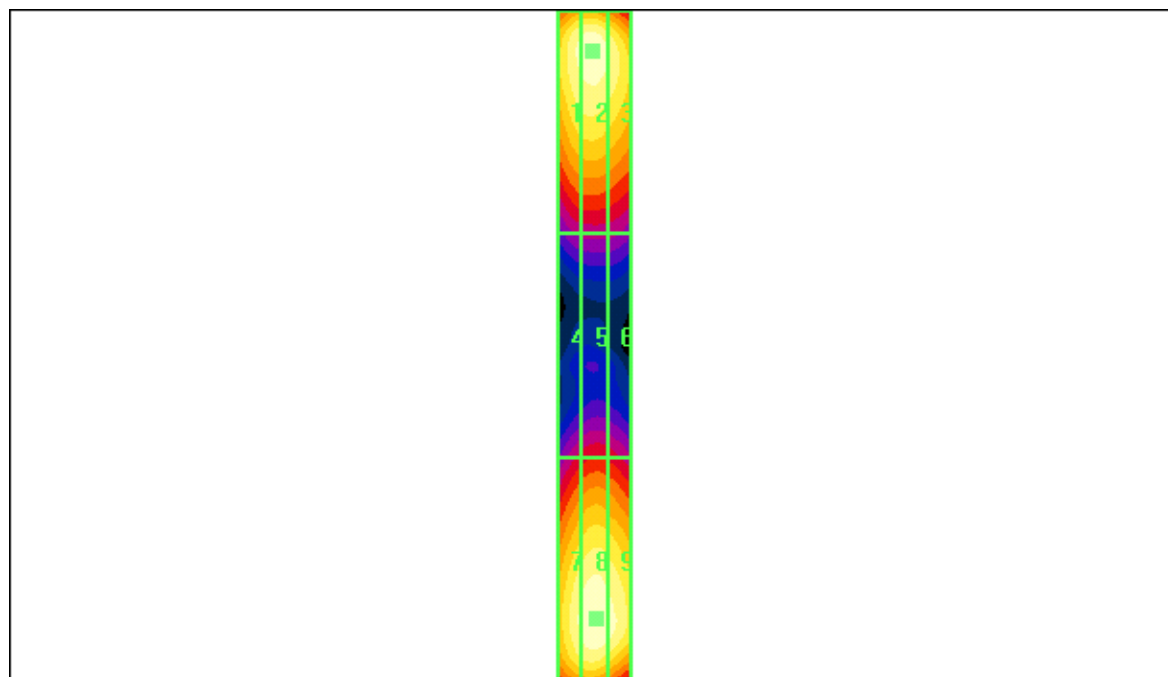
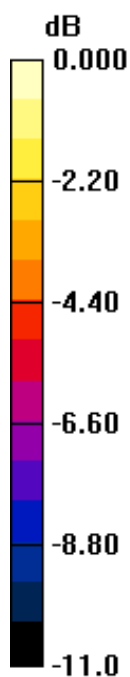
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 59.3 V/m; Power Drift = 0.040 dB

Peak E-field in V/m

Grid 1 147.0 M4	Grid 2 150.9 M4	Grid 3 142.6 M4
Grid 4 81.6 M4	Grid 5 85.7 M4	Grid 6 83.7 M4
Grid 7 145.2 M4	Grid 8 153.8 M4	Grid 9 148.8 M4



0 dB = 153.8V/m

Date: 12/12/2008

File Name: [Validation E-Field Probe SN2341, Dipole SN1015, 1900Mhz, 1212.08.da4](#)

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of peak Total field = 134.5 V/m

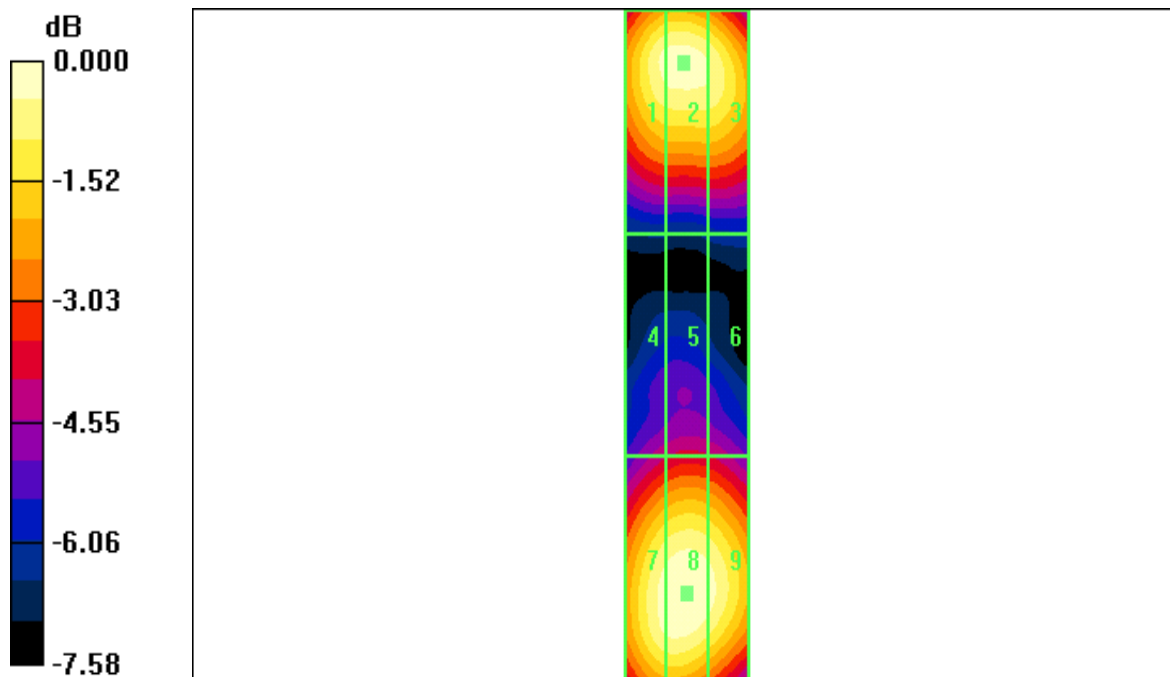
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 70.7 V/m; Power Drift = 0.095 dB

Peak E-field in V/m

Grid 1 129.8 M2	Grid 2 131.6 M2	Grid 3 127.4 M2
Grid 4 84.0 M3	Grid 5 87.2 M3	Grid 6 85.3 M3
Grid 7 131.3 M2	Grid 8 134.5 M2	Grid 9 130.1 M2



0 dB = 134.5V/m

Date: 12/13/2008

File Name: [Validation_H-Field_Probe SN6123_Dipole SN1020_835Mhz_1213.08.da4](#)

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 Phantom section: H Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123; ; Calibrated: 8/18/2008
- 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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

H-Field Scan/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 0.470 A/m

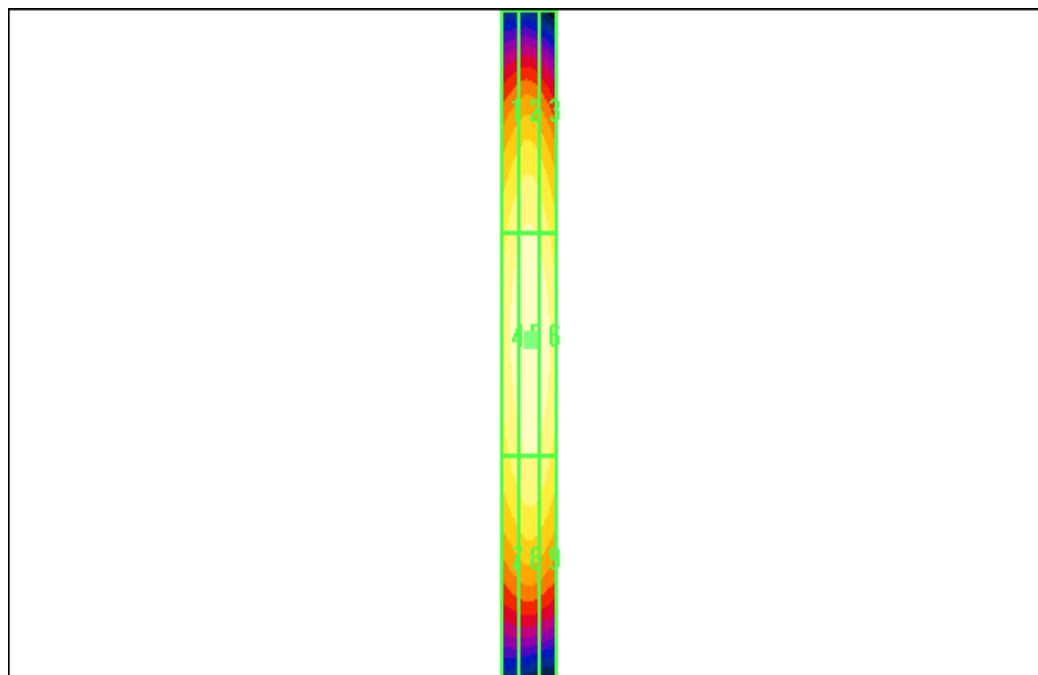
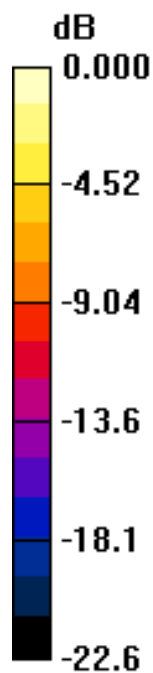
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.544 A/m; Power Drift = -0.114 dB

Peak H-field in A/m

Grid 1 0.387 M4	Grid 2 0.404 M4	Grid 3 0.383 M4
Grid 4 0.440 M4	Grid 5 0.470 M4	Grid 6 0.452 M4
Grid 7 0.372 M4	Grid 8 0.398 M4	Grid 9 0.381 M4



0 dB = 0.470A/m

Date: 12/13/2008

File Name: [Validation_H-Field_Probe SN6123_Dipole SN1015_1900Mhz_1213.08.da4](#)

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
Phantom section: H Device Section

DASY4 Configuration:

- Probe: H3DV6 - SN6123; ; Calibrated: 8/18/2008
- 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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of peak Total field = 0.494 A/m

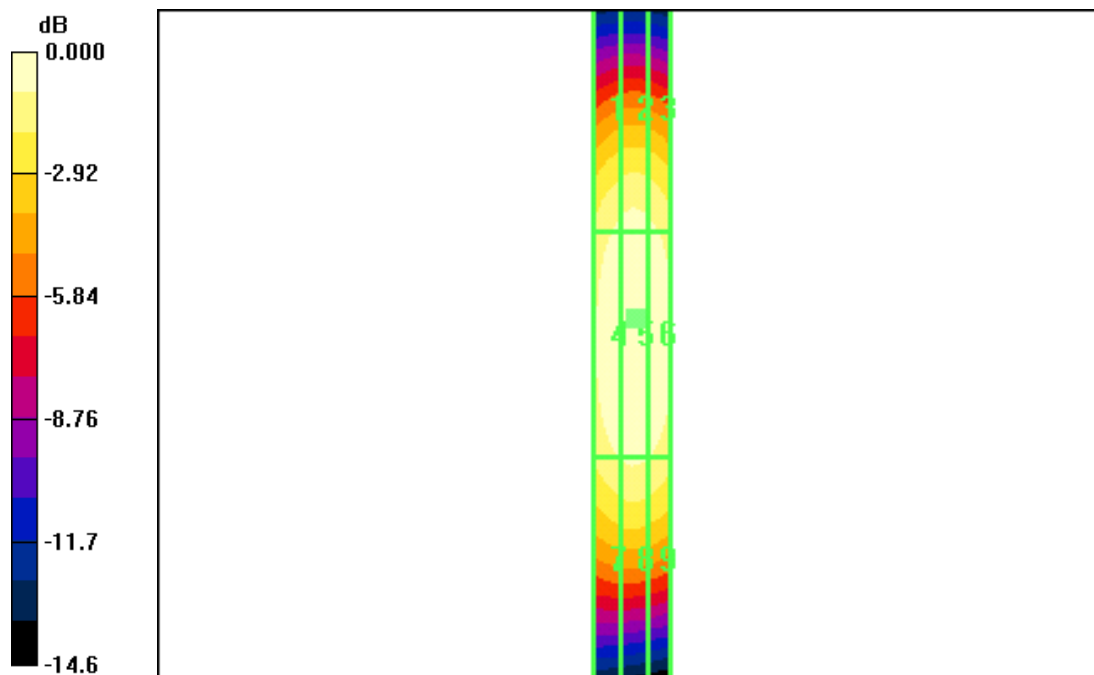
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 0.542 A/m; Power Drift = -0.084 dB

Peak H-field in A/m

Grid 1 0.455 M2	Grid 2 0.464 M2	Grid 3 0.457 M2
Grid 4 0.486 M2	Grid 5 0.494 M2	Grid 6 0.488 M2
Grid 7 0.445 M2	Grid 8 0.452 M2	Grid 9 0.445 M2



0 dB = 0.494A/m

Date: 12/13/2008

File Name: [Validation E-Field Probe SN2341, Dipole SN1020, 835Mhz, 1213.08.da4](#)

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
 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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

E-Field Scan/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 166.8 V/m

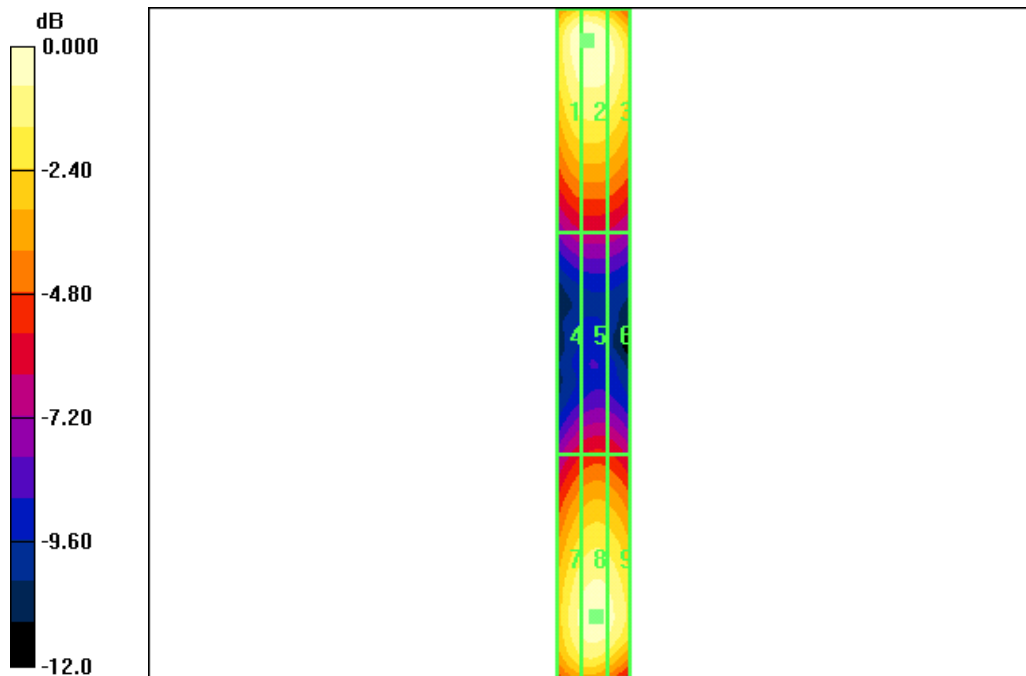
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 61.5 V/m; Power Drift = 0.119 dB

Peak E-field in V/m

Grid 1 164.5 M4	Grid 2 166.8 M4	Grid 3 161.5 M4
Grid 4 86.9 M4	Grid 5 91.2 M4	Grid 6 90.0 M4
Grid 7 154.8 M4	Grid 8 162.4 M4	Grid 9 158.6 M4



0 dB = 166.8V/m

Date: 12/13/2008

File Name: [Validation E-Field Probe SN2341, Dipole SN1015, 1900Mhz, 1213.08.da4](#)

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³
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 71; Postprocessing SW: SEMCAD, V1.8 Build 184

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

Maximum value of peak Total field = 142.1 V/m

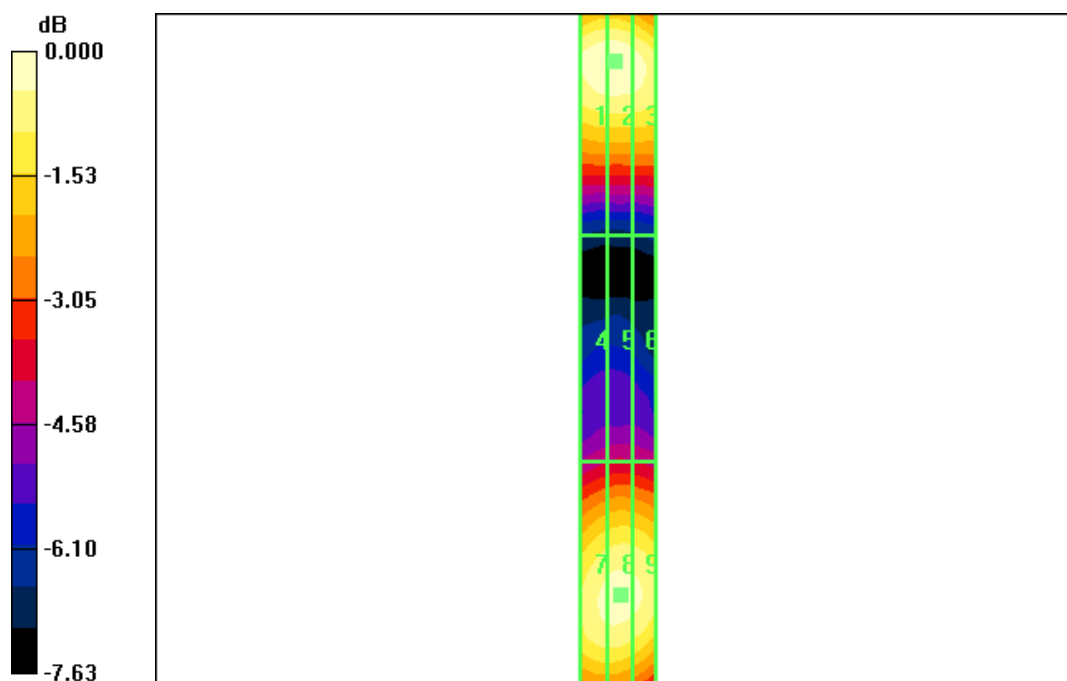
Probe Modulation Factor = 1.00

Device Reference Point: 0.000, 0.000, 353.7 mm

Reference Value = 73.5 V/m; Power Drift = 0.096 dB

Peak E-field in V/m

Grid 1 141.3 M2	Grid 2 142.1 M2	Grid 3 138.5 M2
Grid 4 88.7 M3	Grid 5 89.9 M3	Grid 6 89.2 M3
Grid 7 136.2 M2	Grid 8 137.4 M2	Grid 9 136.2 M2



0 dB = 142.1V/m