

Date: 7/11/2008

File Name: [Validation_E-Field_Probe SN2341, Dipole SN1020, 800Mhz, July11,08.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/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 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

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

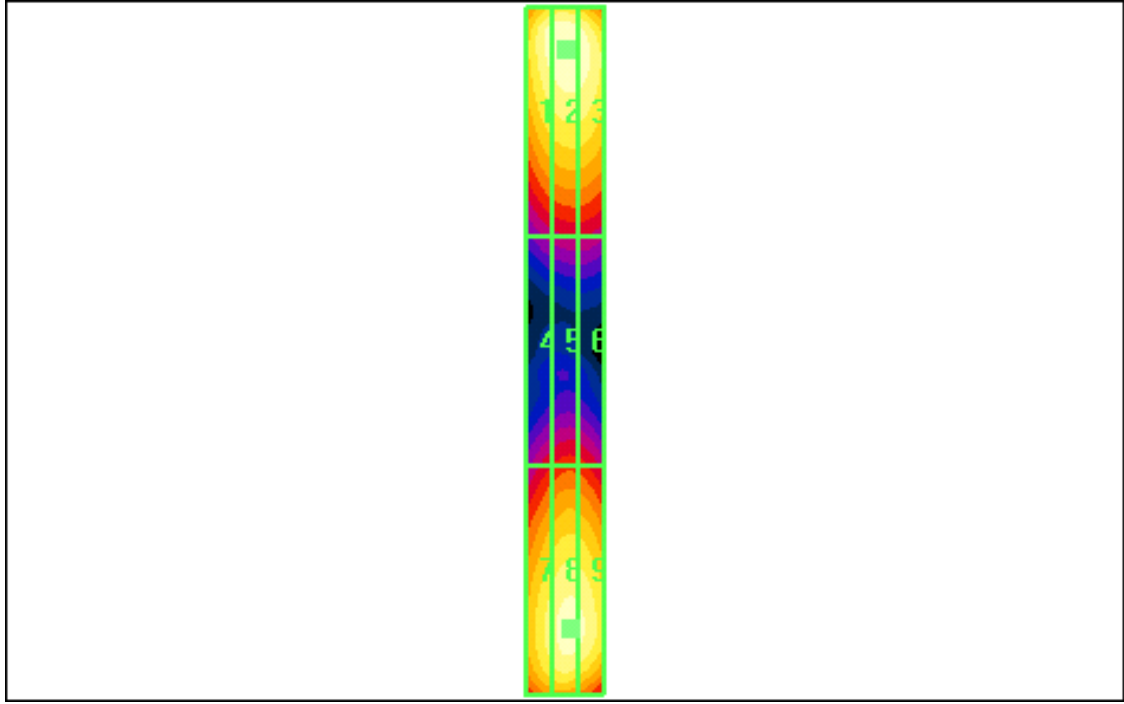
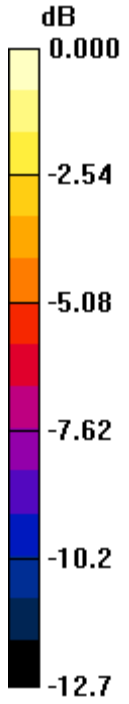
Maximum value of peak Total field = 170.9 V/m

Probe Modulation Factor = 1.00

Reference Value = 58.1 V/m; Power Drift = -0.088 dB

Peak E-field in V/m

Grid 1 164.1	Grid 2 170.9	Grid 3 168.0
Grid 4 86.5	Grid 5 92.4	Grid 6 91.2
Grid 7 149.6	Grid 8 163.1	Grid 9 160.3



0 dB = 170.9V/m

File Name: [Validation_H-Field_Probe SN6123_Dipole SN1020_800Mhz_July11.08.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/m³
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;
- 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

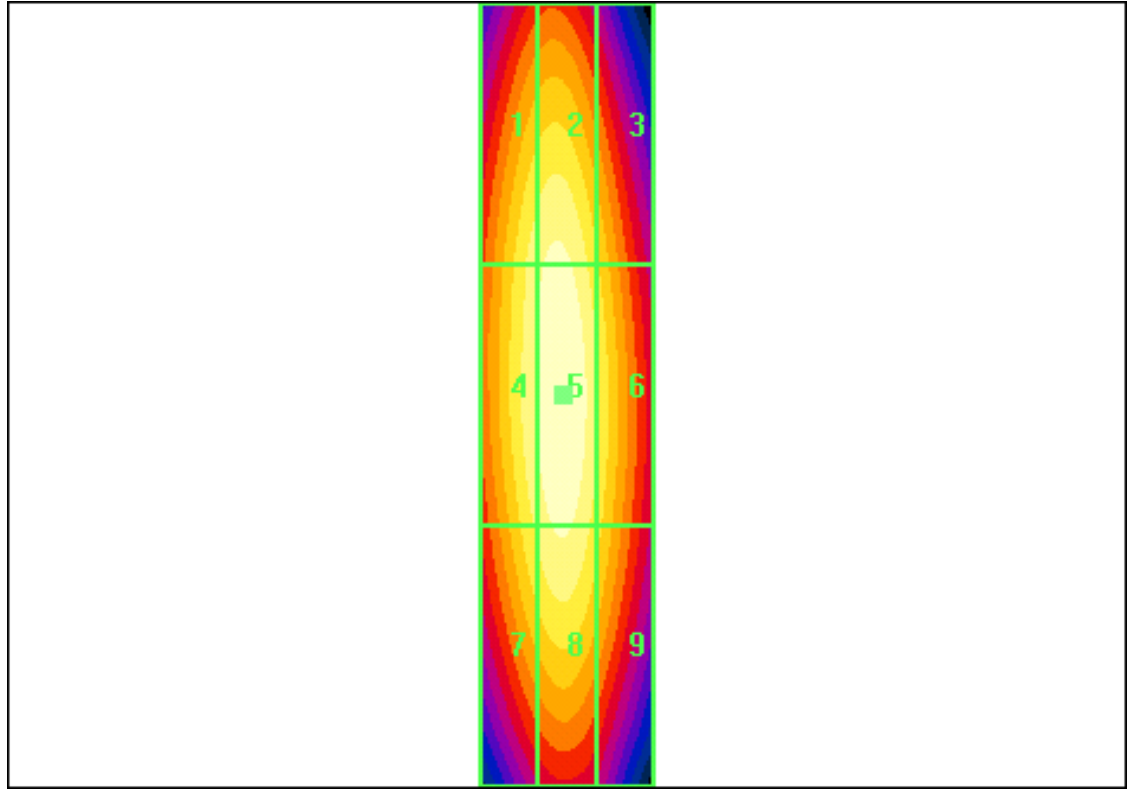
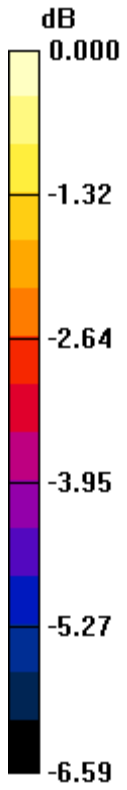
Maximum value of peak Total field = 0.473 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.522 A/m; Power Drift = -0.049 dB

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.443	0.457	0.409
Grid 4	Grid 5	Grid 6
0.453	0.473	0.429
Grid 7	Grid 8	Grid 9
0.433	0.454	0.415



0 dB = 0.473A/m

Date: 8/25/2008

File Name: [Validation E-Field Probe SN2341, Dipole SN1015, AWS-1700Mhz, Aug25, 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/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 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

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

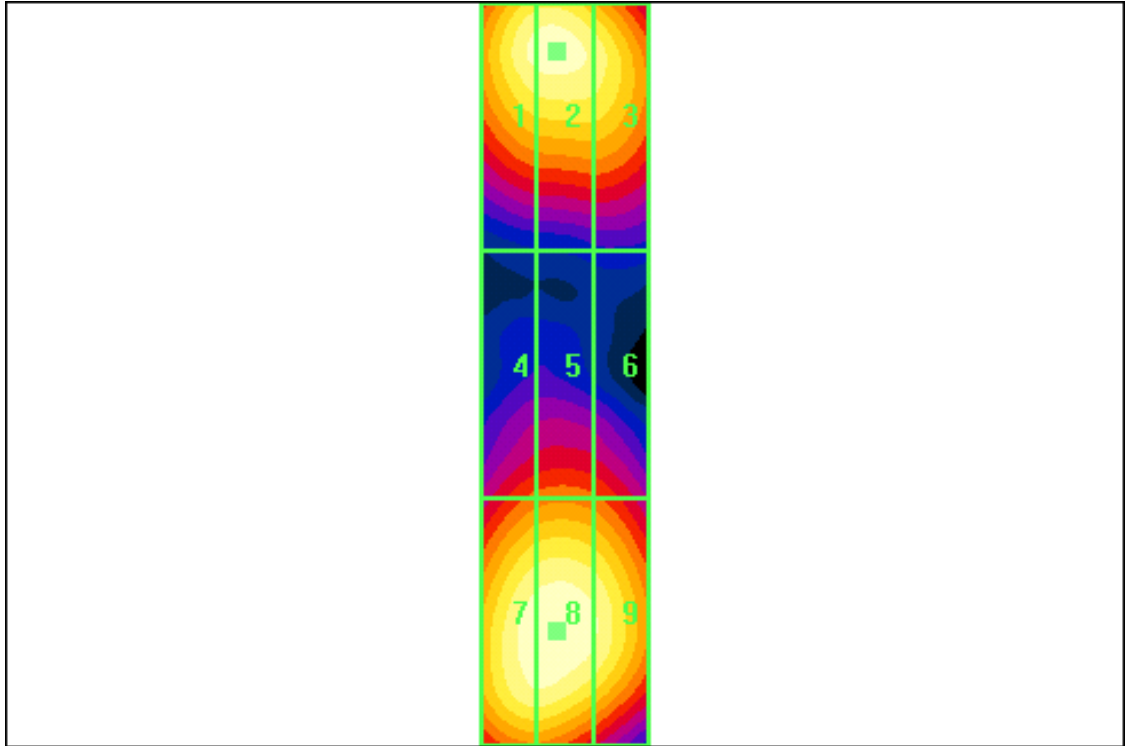
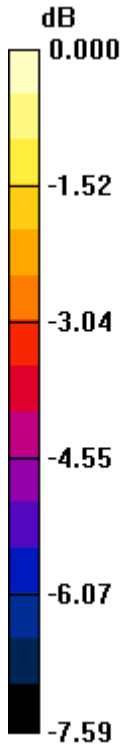
Maximum value of peak Total field = 138.7 V/m

Probe Modulation Factor = 1.00

Reference Value = 76.9 V/m; Power Drift = -0.032 dB

Peak E-field in V/m

Grid 1 133.9	Grid 2 135.5	Grid 3 128.8
Grid 4 100.4	Grid 5 102.4	Grid 6 99.6
Grid 7 136.9	Grid 8 138.7	Grid 9 132.3



0 dB = 138.7V/m

File Name: [Validation_H-Field_Probe SN6023, Dipole SN1015, AWS-1700Mhz, Aug25, 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/m³

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

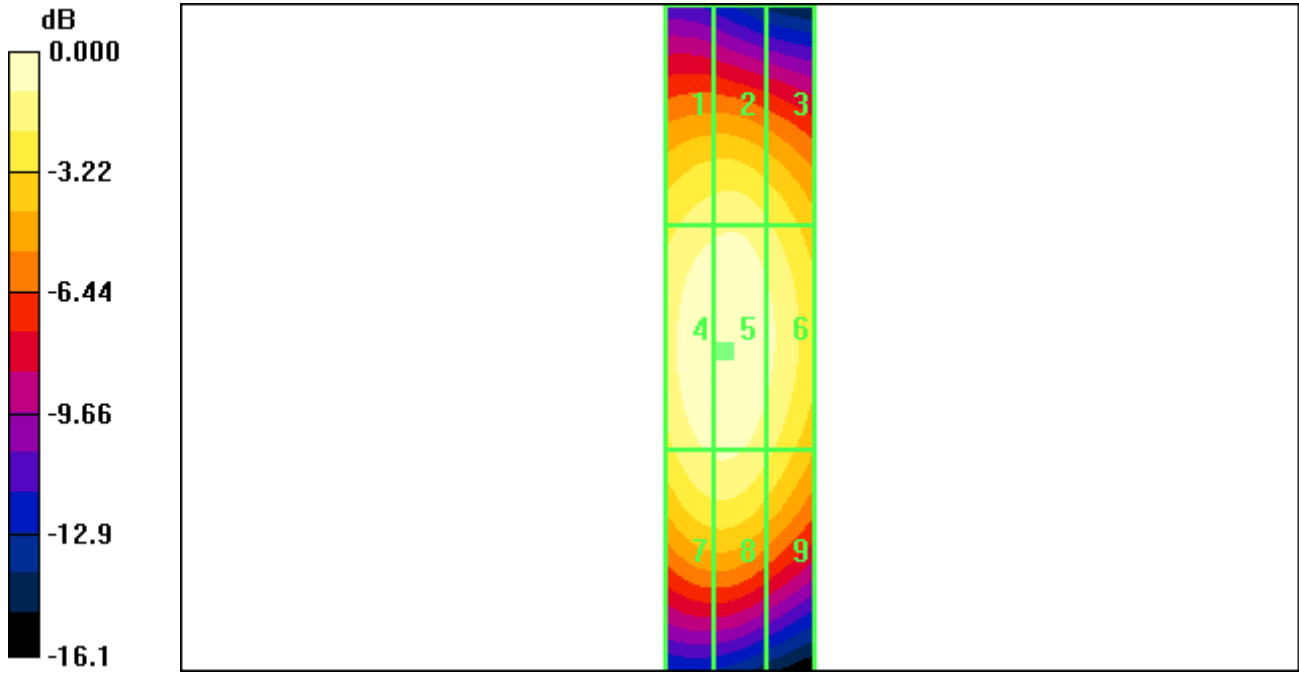
Maximum value of peak Total field = 0.441 A/m

Probe Modulation Factor = 1.00

Reference Value = 0.490 A/m; Power Drift = -0.045 dB

Peak H-field in A/m

Grid 1 0.377	Grid 2 0.385	Grid 3 0.353
Grid 4 0.438	Grid 5 0.441	Grid 6 0.405
Grid 7 0.398	Grid 8 0.400	Grid 9 0.358



0 dB = 0.441A/m

File Name: [Validation_E-Field_Probe SN2341_Dipole SN1015_1900Mhz_July11.08.da4](#)

Communication System: CDMA; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1000$ kg/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 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

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

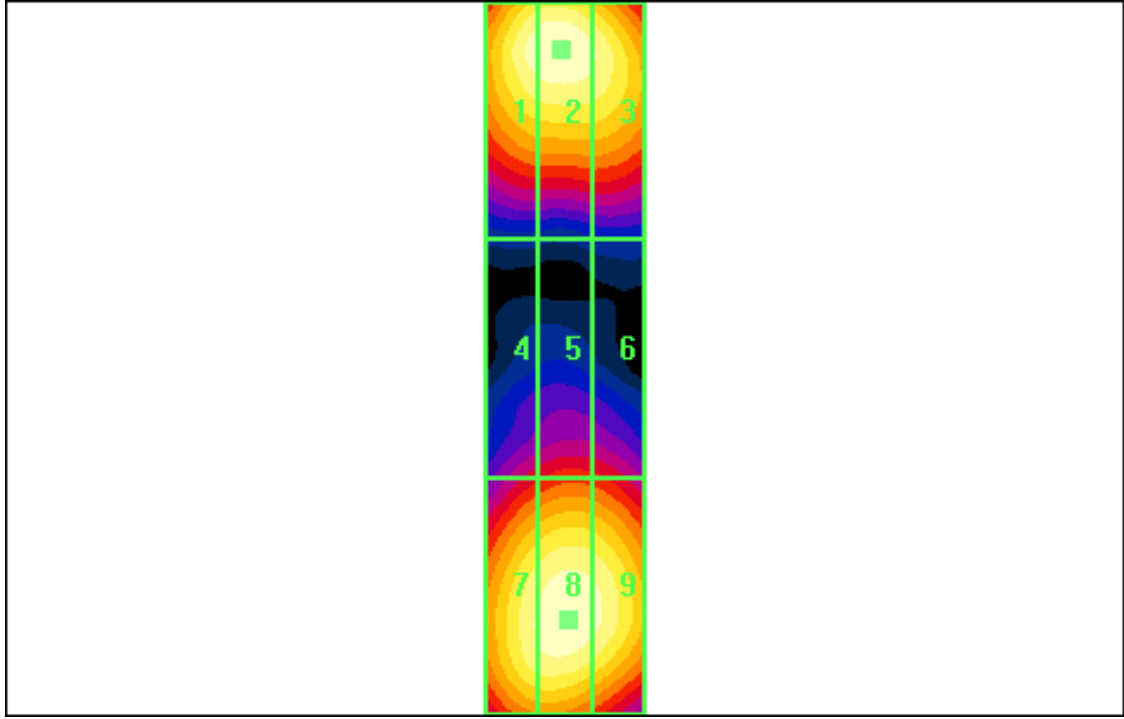
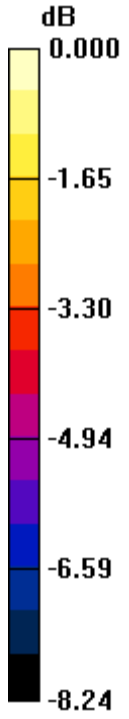
Maximum value of peak Total field = 146.4 V/m

Probe Modulation Factor = 1.00

Reference Value = 70.6 V/m; Power Drift = 0.178 dB

Peak E-field in V/m

Grid 1 143.1	Grid 2 146.4	Grid 3 139.0
Grid 4 92.6	Grid 5 98.0	Grid 6 96.4
Grid 7 138.8	Grid 8 144.7	Grid 9 141.0



0 dB = 146.4V/m

File Name: [Validation H-Field Probe SN6123, Dipole SN1015, 1900Mhz, July11.08.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

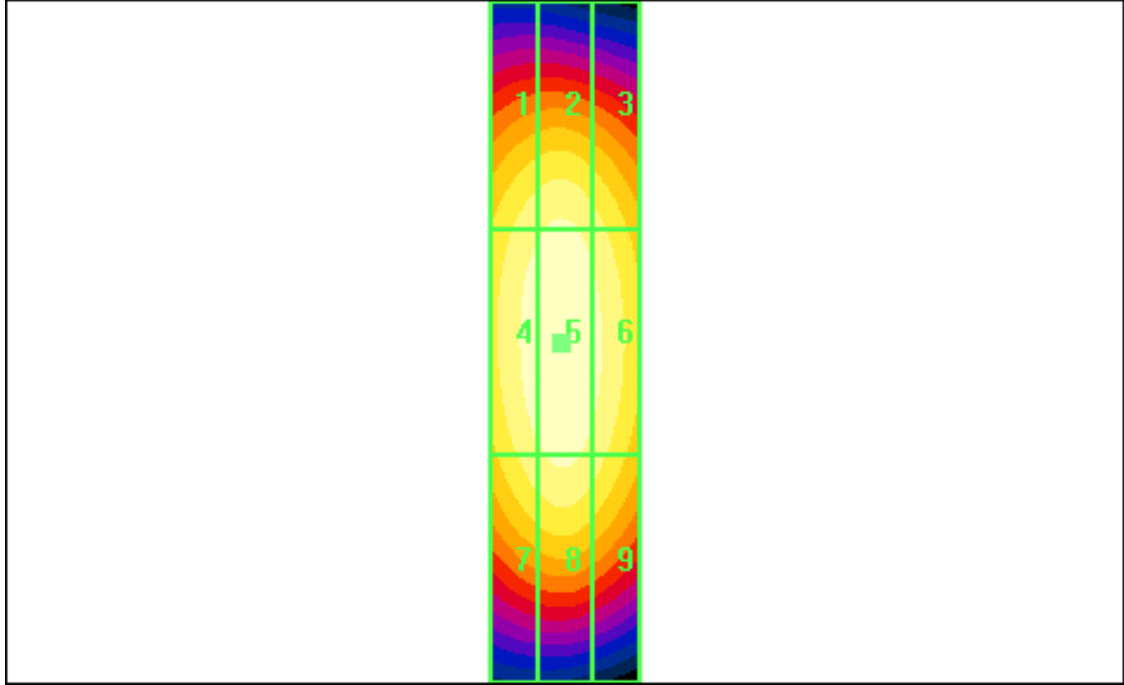
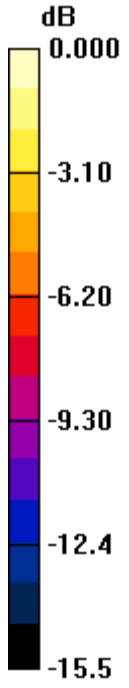
DASY4 Configuration:

- Probe: H3DV6 - SN6123; ; Calibrated: 9/14/2007
- 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 = 0.499 A/m
Probe Modulation Factor = 1.00
Reference Value = 0.545 A/m; Power Drift = 0.035 dB

Peak H-field in A/m

Grid 1 0.434	Grid 2 0.453	Grid 3 0.419
Grid 4 0.476	Grid 5 0.499	Grid 6 0.464
Grid 7 0.433	Grid 8 0.455	Grid 9 0.423



0 dB = 0.499A/m