HAC_E_Dipole_835_130815

DUT: HAC Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2013-6-19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

E 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 = 176.6 V/m
Probe Modulation Factor = 1.000
Reference Value = 108.0 V/m; Power Drift = 0.0042 dB
Average value of Total=(151.9+176.6)/2=164.25 V/m
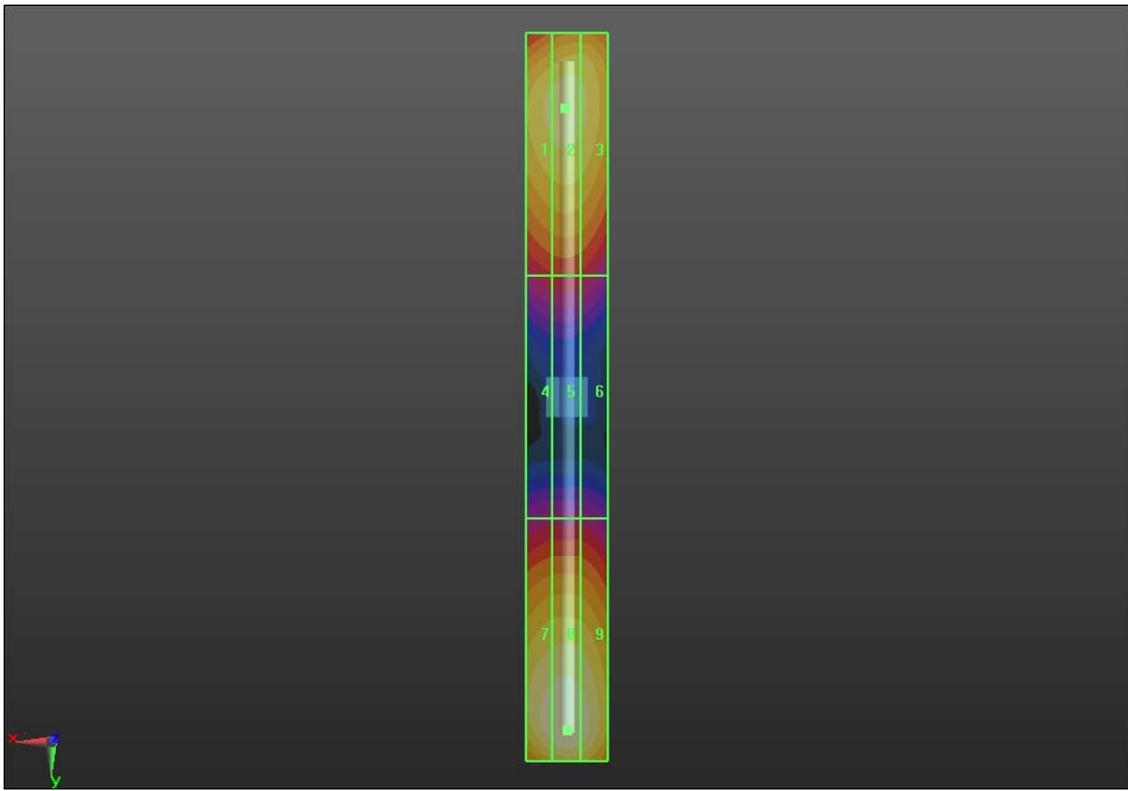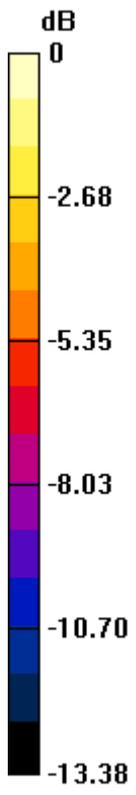
Peak E-field in V/m

Grid 1	Grid 2	Grid 3
148.8 M4	**151.9 M4**	**148.2 M4**
Grid 4	Grid 5	Grid 6
85.064 M4	**86.667 M4**	**83.678 M4**
Grid 7	Grid 8	Grid 9
171.7 M4	**176.6 M4**	**169.8 M4**

Cursor:
Total = 176.6 V/m
E Category: M4
Location: 0, 82.5, 4.7 mm

0 dB = 176.6V/m

HAC_E_Dipole_1880_130815

DUT: HAC Dipole 1880 MHz

Communication System: CW; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: σ = 0 mho/m, ε_r = 1; ρ = 0 kg/m^3
Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2476; ConvF(1, 1, 1); Calibrated: 2012-12-12
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2013-6-19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

E 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 = 150.1 V/m
Probe Modulation Factor = 1.000
Reference Value = 170.8 V/m; Power Drift = -0.004 dB
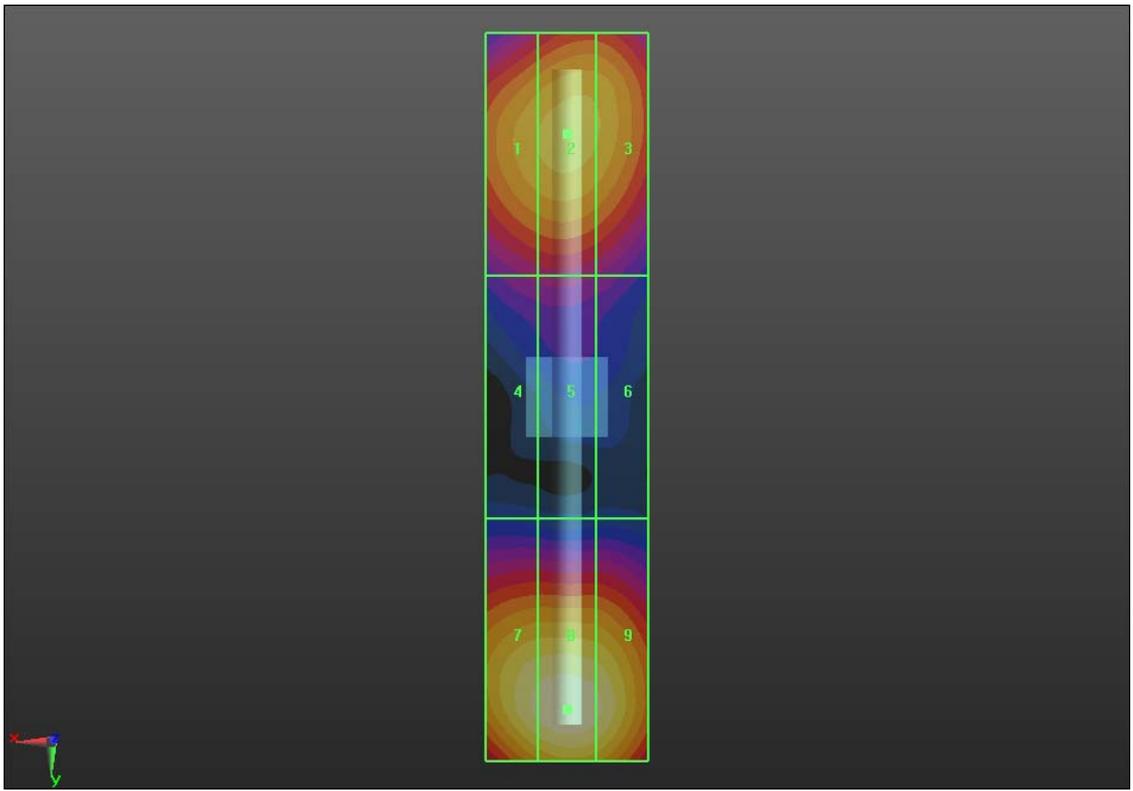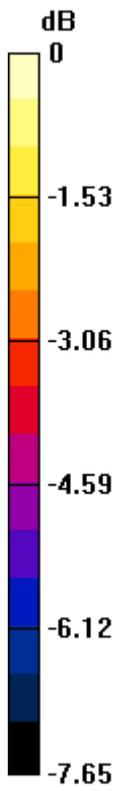Average value of Total=(129.9+150.1)=140 V/m

Peak E-field in V/m

Grid 1 **126.3 M2**	Grid 2 **129.9 M2**	Grid 3 **127.3 M2**
Grid 4 **90.961 M3**	Grid 5 **92.398 M3**	Grid 6 **88.897 M3**
Grid 7 **144.6 M2**	Grid 8 **150.1 M2**	Grid 9 **144.5 M2**

Cursor:
Total = 150.1 V/m
E Category: M2
Location: 0, 38.5, 4.7 mm

0 dB = 150.1V/m

HAC_H_Dipole_835_130815

DUT: HAC Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: H3DV6 - SN6300; ; Calibrated: 2012-12-12
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2013-6-19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm
Probe Modulation Factor = 1.000
Reference Value = 0.479 A/m; Power Drift = -0.0042 dB
Maximum value of peak Total field = 0.454 A/m
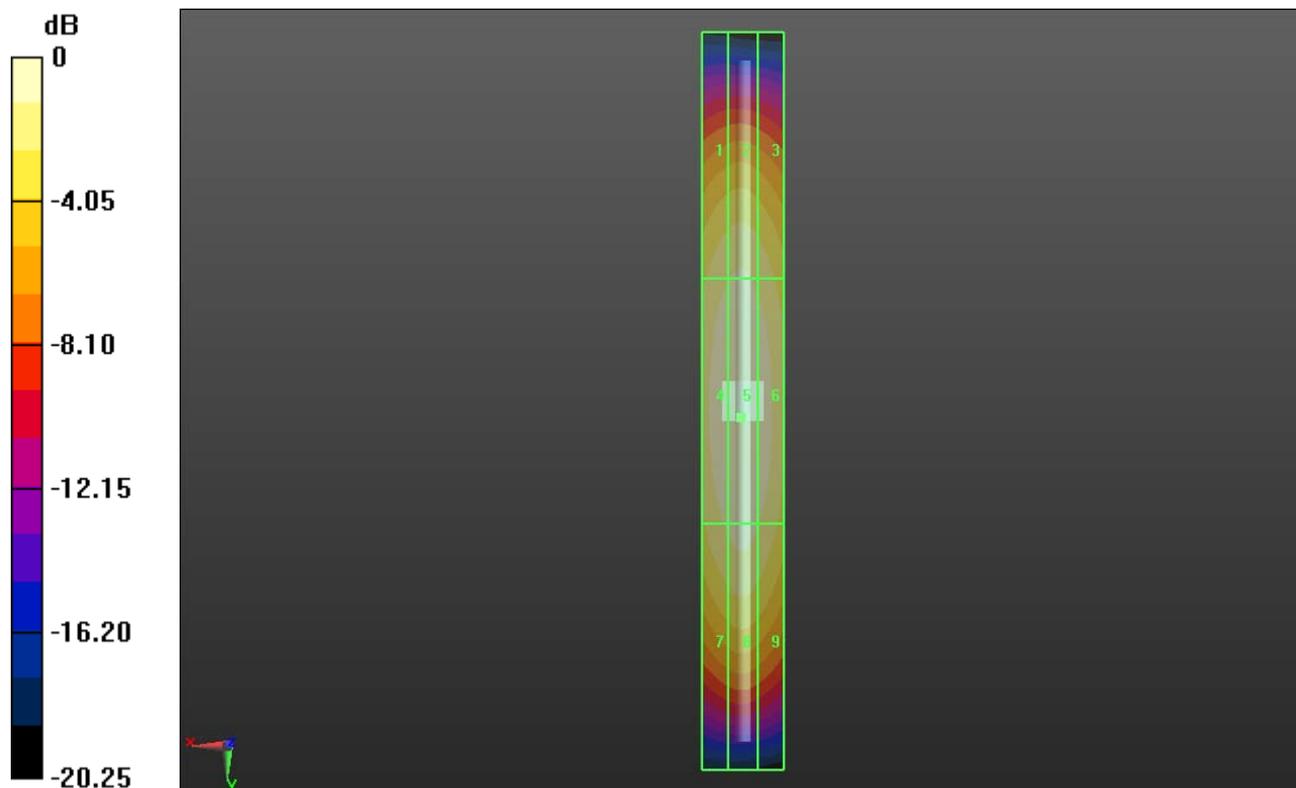
Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.382 M4	**0.394 M4**	**0.374 M4**
Grid 4	Grid 5	Grid 6
0.438 M4	**0.454 M4**	**0.430 M4**
Grid 7	Grid 8	Grid 9
0.396 M4	**0.411 M4**	**0.389 M4**

Cursor:
Total = 0.454 A/m
H Category: M4
Location: 0.5, 4, 4.7 mm

0 dB = 0.450A/m

HAC_H_Dipole_1880_130815

DUT: HAC Dipole 1880 MHz

Communication System: CW; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: H3DV6 - SN6300; ; Calibrated: 2012-12-12
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2013-6-19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm
Probe Modulation Factor = 1.000
Reference Value = 0.490 A/m; Power Drift = -0.01 dB
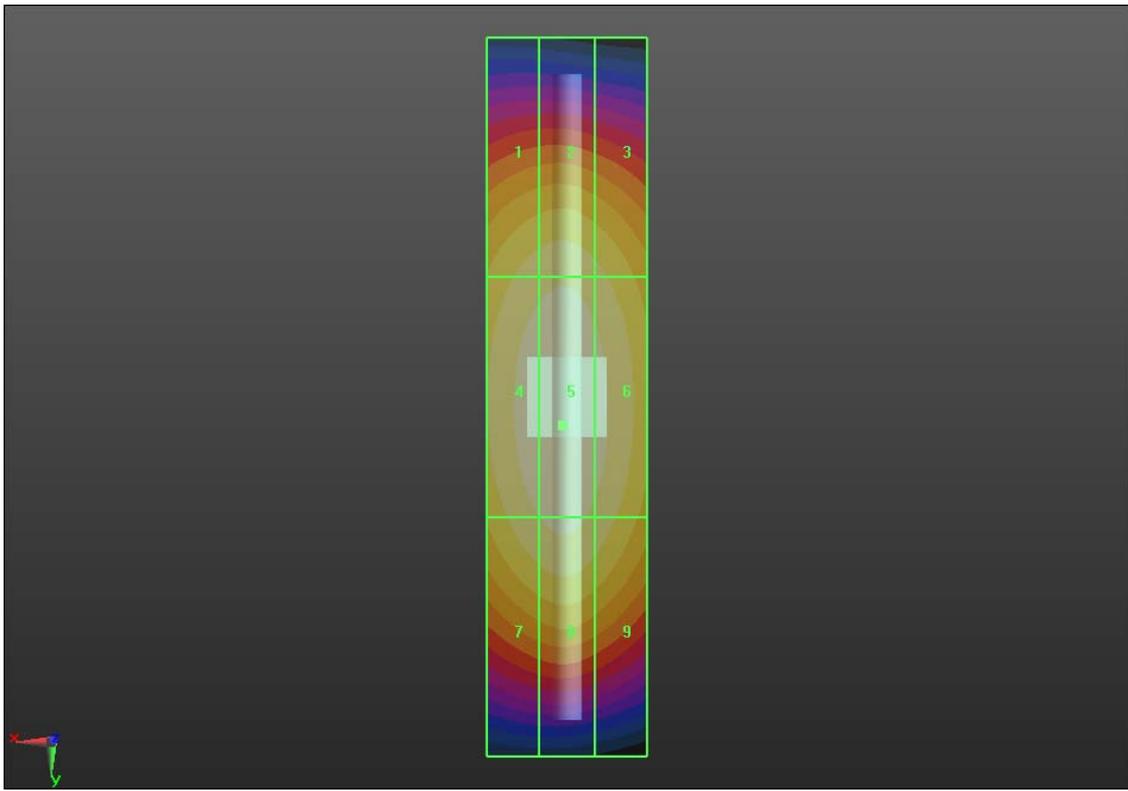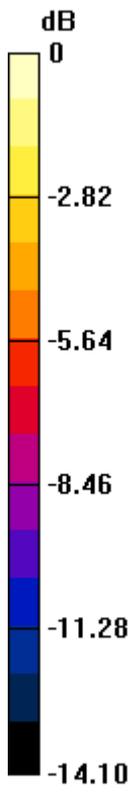Maximum value of peak Total field = 0.465 A/m

Peak H-field in A/m

Grid 1	Grid 2	Grid 3
0.404 M2	**0.415 M2**	**0.394 M2**
Grid 4	Grid 5	Grid 6
0.452 M2	**0.465 M2**	**0.441 M2**
Grid 7	Grid 8	Grid 9
0.421 M2	**0.436 M2**	**0.411 M2**

Cursor:
Total = 0.465 A/m
H Category: M2
Location: 0.5, 3.5, 4.7 mm

0 dB = 0.470A/m