HAC_E_Dipole_835_121031

DUT: HAC-Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.6 ℃

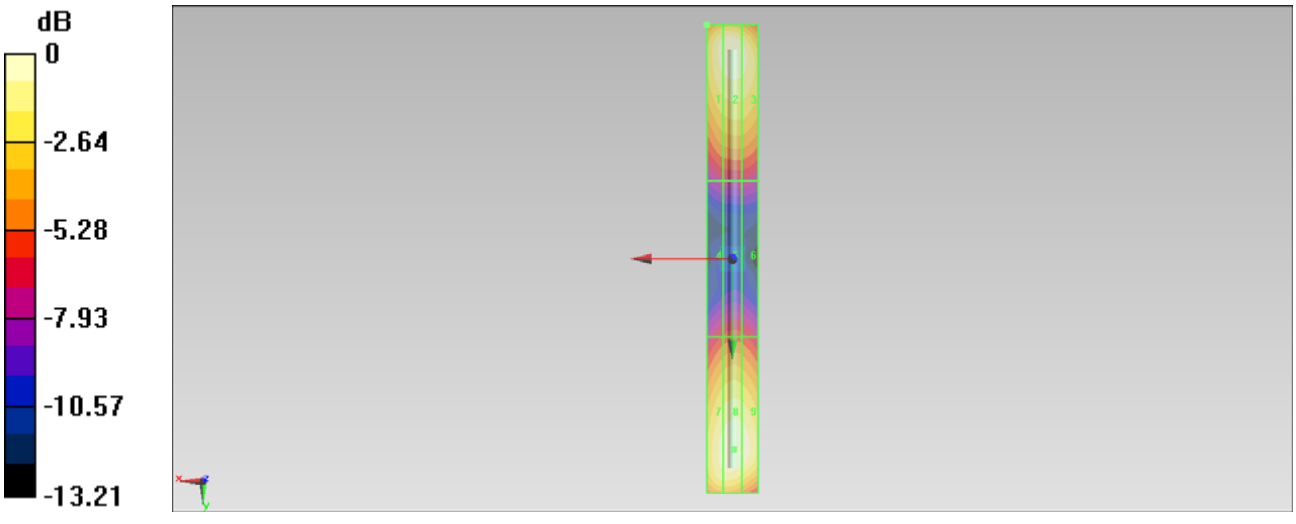
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

E Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm
Reference Value = 126.6 V/m; Power Drift = -0.02 dB
Probe Modulation Factor = 1
E-field emissions = 172.5 V/m
Average value of Total=(172.5+172.1) / 2 = 172.3 V/m

PMF scaled E-field

Grid 1 **M4** **167.2 V/m**	Grid 2 **M4** **172.5 V/m**	Grid 3 **M4** **165.4 V/m**
Grid 4 **M4** **87.28 V/m**	Grid 5 **M4** **91.01 V/m**	Grid 6 **M4** **88.85 V/m**
Grid 7 **M4** **164.8 V/m**	Grid 8 **M4** **172.1 V/m**	Grid 9 **M4** **169.0 V/m**

Cursor:
Total = 97.02 V/m
E Category: M4
Location: 10, -90, 4.7 mm



0 dB = 172.5 V/m = 44.74 dB V/m

HAC_E_Dipole_1880_121030

DUT: HAC Dipole 1880 MHz

Communication System: CW; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.5 ℃

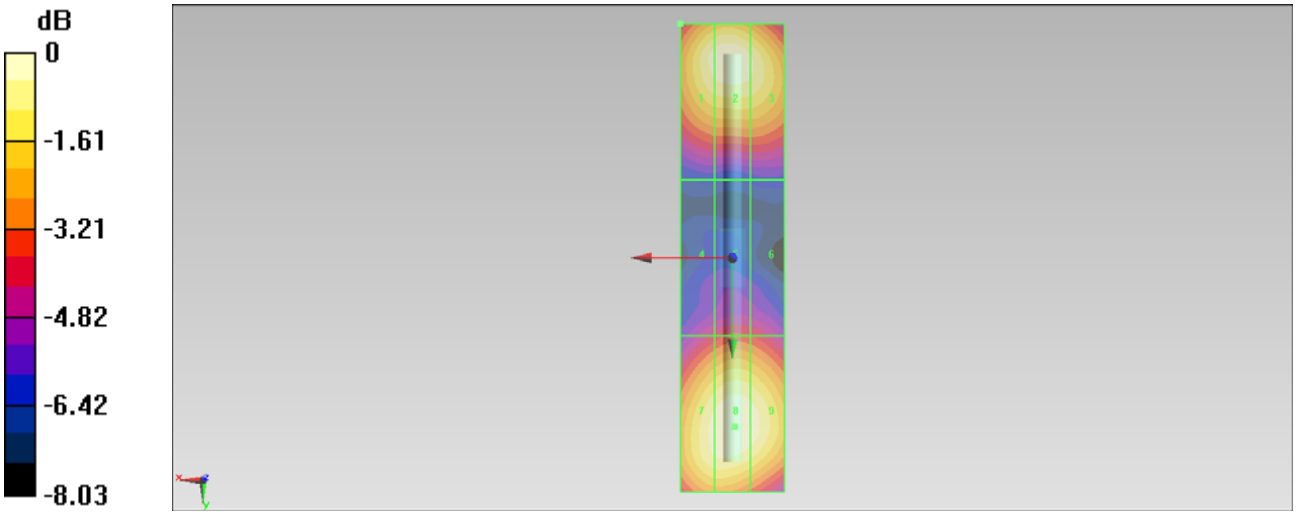
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2012/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

E Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm
Reference Value = 132.5 V/m; Power Drift = 0.00 dB
Probe Modulation Factor = 1
E-field emissions = 130.4 V/m
Average value of Total=(130.4+130.4) / 2 = 130.4 V/m

PMF scaled E-field

Grid 1 **M2** **126.8 V/m**	Grid 2 **M2** **130.4 V/m**	Grid 3 **M2** **124.2 V/m**
Grid 4 **M3** **81.46 V/m**	Grid 5 **M3** **86.69 V/m**	Grid 6 **M3** **84.97 V/m**
Grid 7 **M2** **126.1 V/m**	Grid 8 **M2** **130.4 V/m**	Grid 9 **M2** **127.3 V/m**

Cursor:
Total = 80.23 V/m
E Category: M3
Location: 10, -45, 4.7 mm



0 dB = 130.4 V/m = 42.31 dB V/m

HAC_H_Dipole_835_121031

DUT: HAC-Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.6 ℃

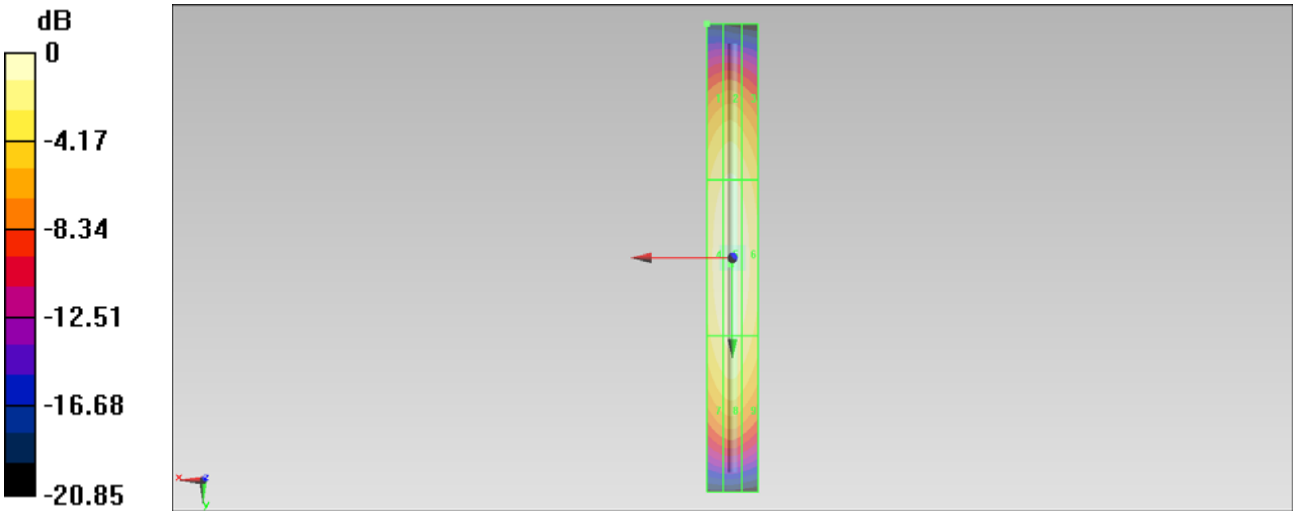
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

H Scan - measurement distance from the probe sensor center to CD835 Dipole = 10mm/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm
Reference Value = 0.4910 A/m; Power Drift = -0.01 dB
Probe Modulation Factor = 1
H-field emissions = 0.4435 A/m

PMF scaled H-field

Grid 1 **M4** **0.378 A/m**	Grid 2 **M4** **0.388 A/m**	Grid 3 **M4** **0.363 A/m**
Grid 4 **M4** **0.429 A/m**	Grid 5 **M4** **0.443 A/m**	Grid 6 **M4** **0.415 A/m**
Grid 7 **M4** **0.384 A/m**	Grid 8 **M4** **0.398 A/m**	Grid 9 **M4** **0.372 A/m**

Cursor:
Total = 0.05018 A/m
H Category: M4
Location: 10, -90, 5.2 mm



0 dB = 0.4435 A/m = -7.06 dB A/m

HAC_H_Dipole_1880_121030

DUT: HAC Dipole 1880 MHz

Communication System: CW; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.5 ℃

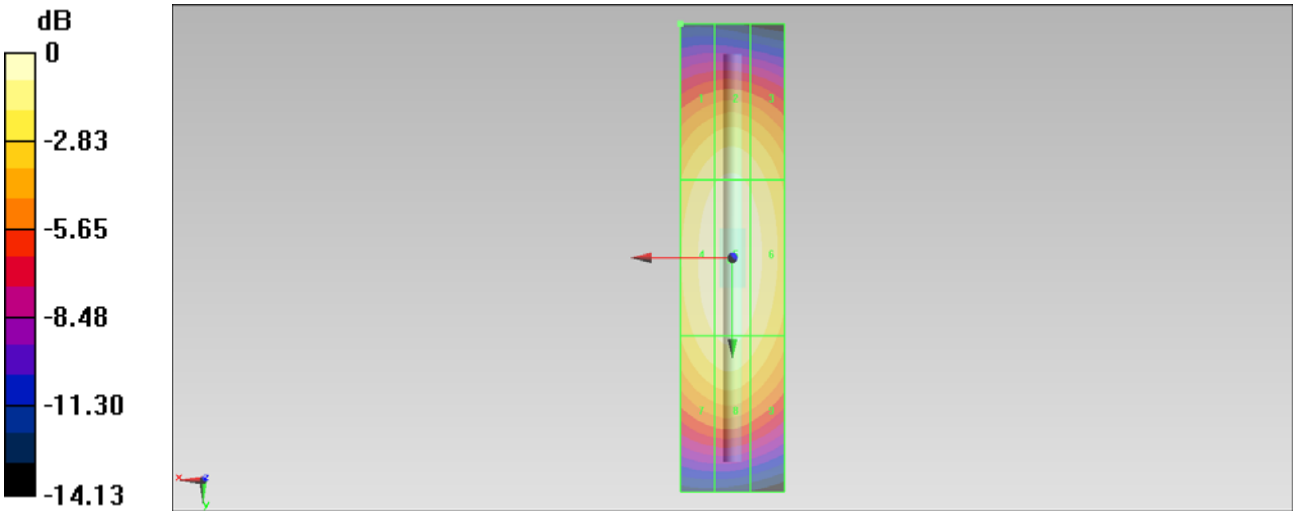
DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2012/1/26
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

H Scan - measurement distance from the probe sensor center to CD1880 Dipole = 10mm/Hearing Aid Compatibility Test (41x181x1): Measurement grid: dx=5mm, dy=5mm
Reference Value = 0.5420 A/m; Power Drift = 0.00 dB
Probe Modulation Factor = 1
H-field emissions = 0.4910 A/m

PMF scaled H-field

Grid 1 **M2** **0.435 A/m**	Grid 2 **M2** **0.451 A/m**	Grid 3 **M2** **0.429 A/m**
Grid 4 **M2** **0.475 A/m**	Grid 5 **M2** **0.491 A/m**	Grid 6 **M2** **0.468 A/m**
Grid 7 **M2** **0.439 A/m**	Grid 8 **M2** **0.453 A/m**	Grid 9 **M2** **0.426 A/m**

Cursor:
Total = 0.1152 A/m
H Category: M4
Location: 10, -45, 5.2 mm



0 dB = 0.4910 A/m = -6.18 dB A/m