HAC_E_Dipole_835_091226

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：22.4 ℃

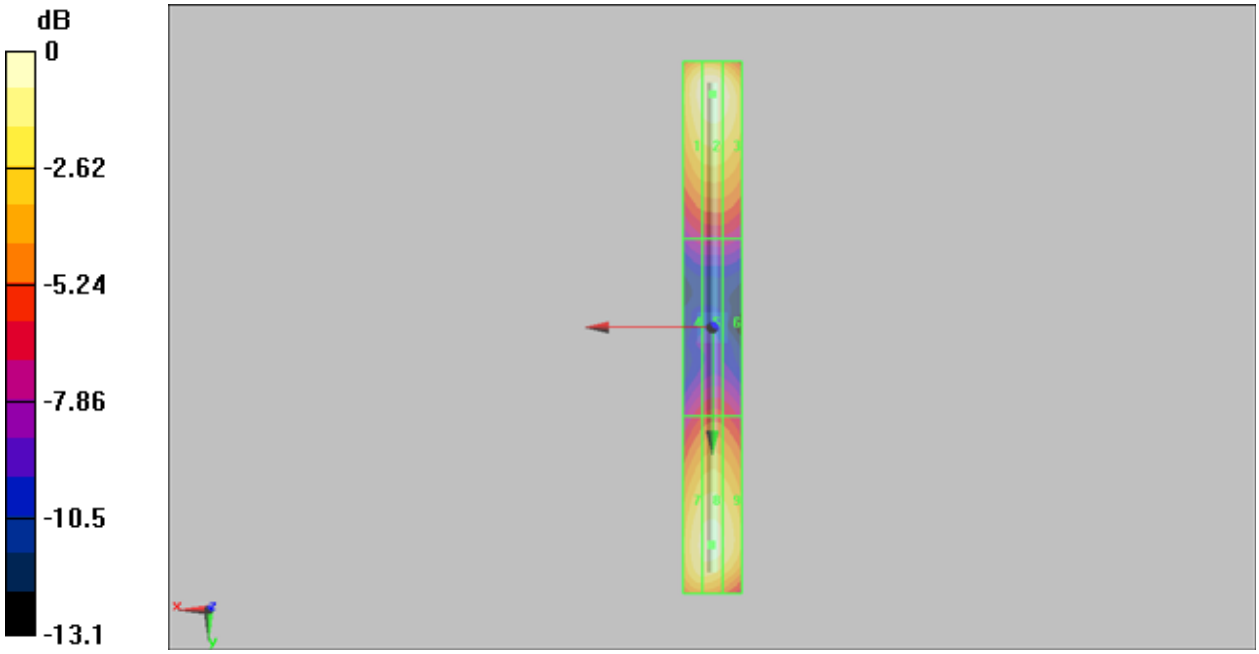
DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: HAC Test Arch 4.6; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

E Scan - ER probe center 10mm above CD835 Dipole/Hearing Aid Compatibility Test (41x361x1): Measurement grid: dx=5mm, dy=5mm

Maximum value of peak Total field = 178.7 V/m
Probe Modulation Factor = 1
Device Reference Point: 0, 0, 353.7 mm
Reference Value = 58.6 V/m; Power Drift = -0.011 dB
Average Value of Total = (178.7 + 169.4) / 2 = 174.05 V/m

Peak E-field in V/m

Grid 1 **172.4 M4**	Grid 2 **178.7 M4**	Grid 3 **172.0 M4**
Grid 4 **89 M4**	Grid 5 **93.9 M4**	Grid 6 **91.5 M4**
Grid 7 **165.7 M4**	Grid 8 **169.4 M4**	Grid 9 **163.6 M4**



0 dB = 178.7V/m

HAC_E_Dipole_1880_091226

DUT: HAC Dipole 1880 MHz

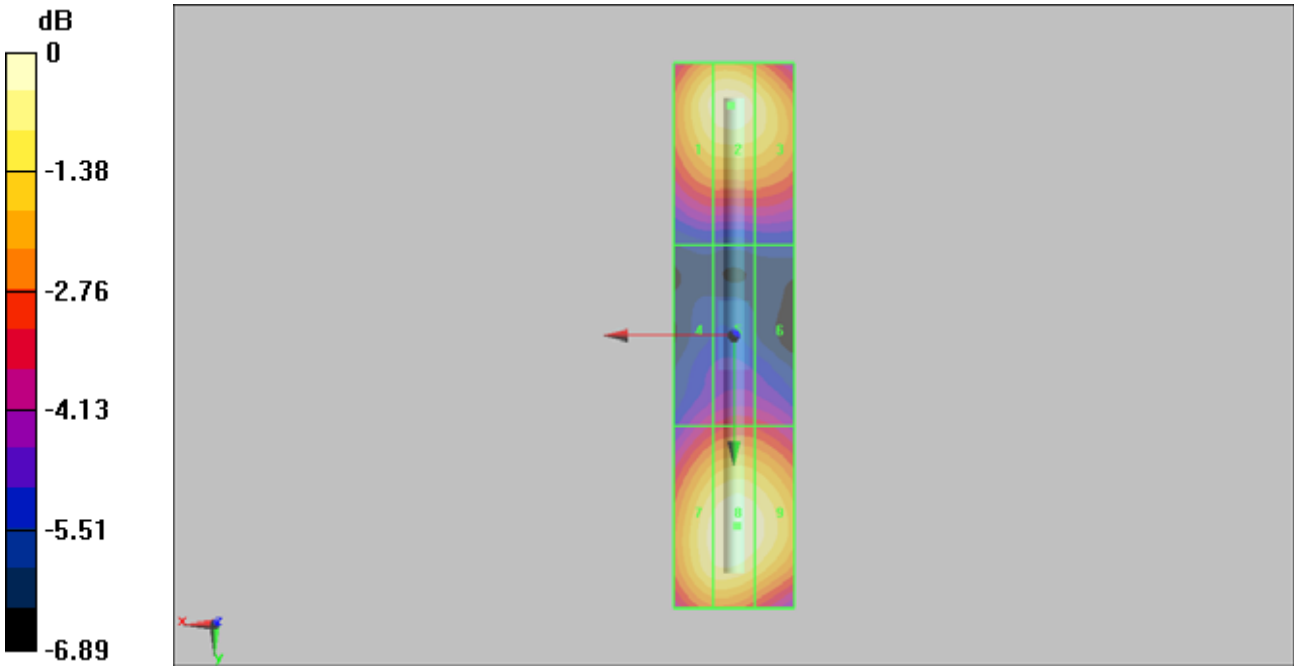
Communication System: GSM850; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1000$ kg/m^3
Ambient Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2009/1/14
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

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 = 136.4 V/m
Probe Modulation Factor = 1
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 138.2 V/m; Power Drift = -0.00896 dB
Average Value of Total = (134.5 + 136.4) / 2 = 135.45 V/m

Peak E-field in V/m

Grid 1 **131.7 M2**	Grid 2 **134.5 M2**	Grid 3 **128.5 M2**
Grid 4 **90.5 M3**	Grid 5 **94.6 M3**	Grid 6 **93.3 M3**
Grid 7 **132.5 M2**	Grid 8 **136.4 M2**	Grid 9 **133.0 M2**



0 dB = 136.4V/m

HAC_H_Dipole_835_091228

DUT: HAC-Dipole 835 MHz

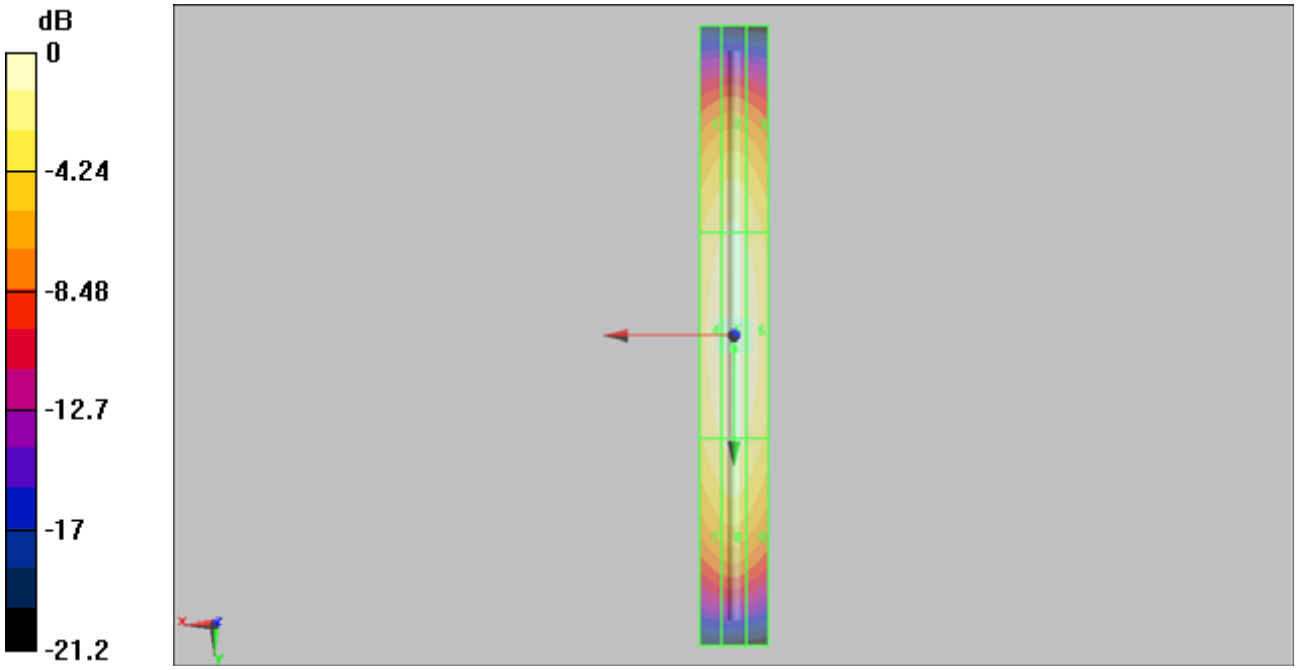
Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.4 ℃

DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

H 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 = 0.448 A/m
Probe Modulation Factor = 1
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.497 A/m; Power Drift = -0.017 dB
Maximum value of Total = 0.448 A/m

Peak H-field in A/m

Grid 1 **0.380 M4**	Grid 2 **0.395 M4**	Grid 3 **0.376 M4**
Grid 4 **0.429 M4**	Grid 5 **0.448 M4**	Grid 6 **0.427 M4**
Grid 7 **0.385 M4**	Grid 8 **0.402 M4**	Grid 9 **0.381 M4**



0 dB = 0.448A/m

HAC_H_Dipole_1880_091228

DUT: HAC Dipole 1880 MHz

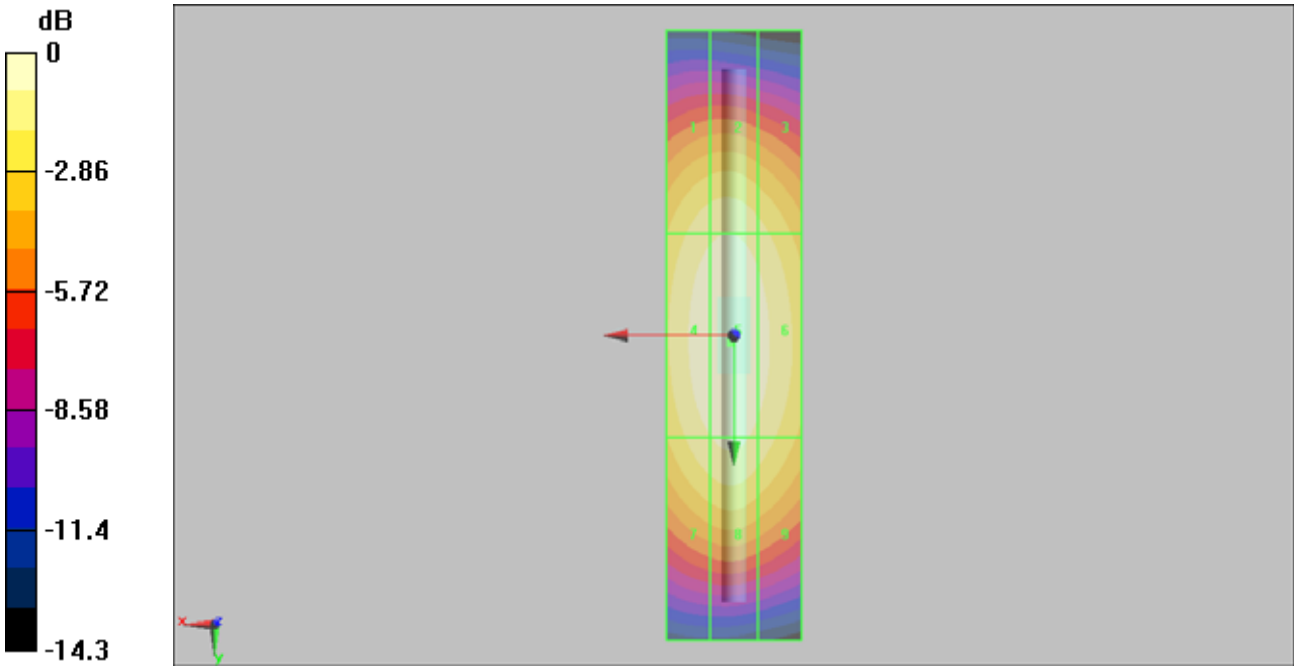
Communication System: CW; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ mho/m, $\varepsilon_r = 1$; $\rho = 1$ kg/m^3
Ambient Temperature：22.4 ℃

DASY5 Configuration:
- Probe: H3DV6 - SN6184; ; Calibrated: 2009/1/19
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2009/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

H 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 = 0.483 A/m
Probe Modulation Factor = 1
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 0.530 A/m; Power Drift = -0.00837 dB
Maximum value of Total = 0.483 A/m

Peak H-field in A/m

Grid 1 **0.424 M2**	Grid 2 **0.433 M2**	Grid 3 **0.407 M2**
Grid 4 **0.470 M2**	Grid 5 **0.483 M2**	Grid 6 **0.454 M2**
Grid 7 **0.431 M2**	Grid 8 **0.446 M2**	Grid 9 **0.419 M2**



0 dB = 0.483A/m