HAC_E_Dipole_835

DUT: HAC-Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.6 ℃

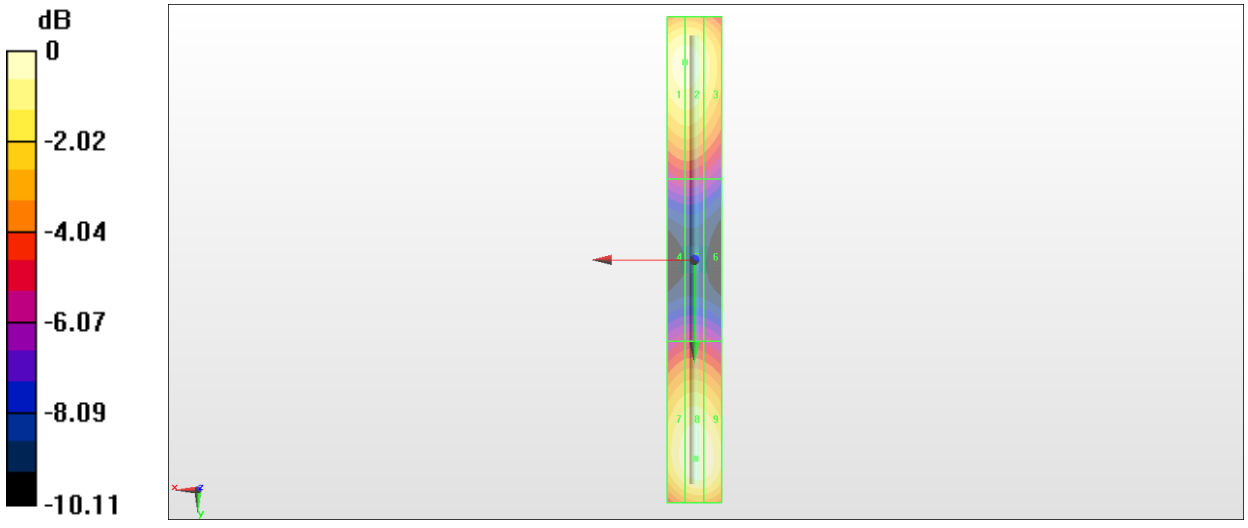
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

E Scan - measurement distance from the probe sensor center to CD835 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x361x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 133.9 V/m; Power Drift = -0.05 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 112.0 V/m
Average value of Total=(108.4+112.0) / 2 = 110.2 V/m

PMF scaled E-field

Grid 1 **M4** **108.1 V/m**	Grid 2 **M4** **108.4 V/m**	Grid 3 **M4** **100.8 V/m**
Grid 4 **M4** **60.89 V/m**	Grid 5 **M4** **60.93 V/m**	Grid 6 **M4** **59.37 V/m**
Grid 7 **M4** **108.1 V/m**	Grid 8 **M4** **112.0 V/m**	Grid 9 **M4** **110.5 V/m**

Cursor:
Total = 112.0 V/m
E Category: M4
Location: -0.5, 73.5, 9.7 mm



0 dB = 112.0 V/m = 40.98 dBV/m

HAC_E_Dipole_835

DUT: HAC-Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5 ℃

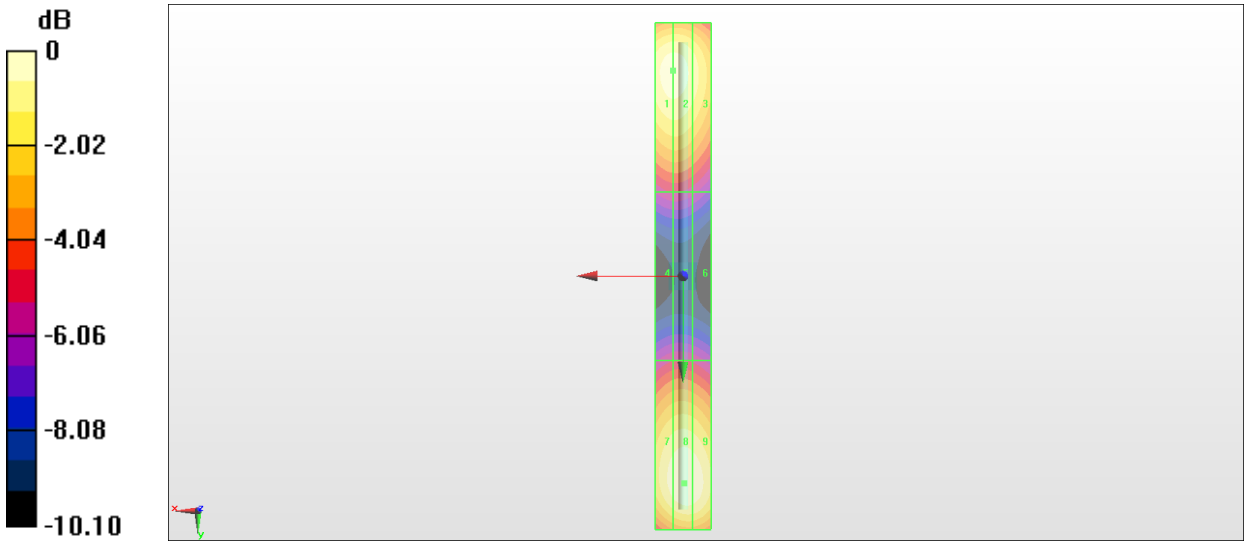
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

E Scan - measurement distance from the probe sensor center to CD835 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x361x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 134.3 V/m; Power Drift = -0.05 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 112.4 V/m
Average value of Total=(108.7+112.4) / 2 = 110.55 V/m

PMF scaled E-field

Grid 1 **M4** **108.7 V/m**	Grid 2 **M4** **108.7 V/m**	Grid 3 **M4** **101.1 V/m**
Grid 4 **M4** **61.06 V/m**	Grid 5 **M4** **61.11 V/m**	Grid 6 **M4** **59.54 V/m**
Grid 7 **M4** **108.4 V/m**	Grid 8 **M4** **112.4 V/m**	Grid 9 **M4** **110.9 V/m**

Cursor:
Total = 112.4 V/m
E Category: M4
Location: -0.5, 73.5, 9.7 mm



0 dB = 112.4 V/m = 41.02 dBV/m

HAC_E_Dipole_1880

DUT: HAC Dipole 1880 MHz

Communication System: CW; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.6 ℃

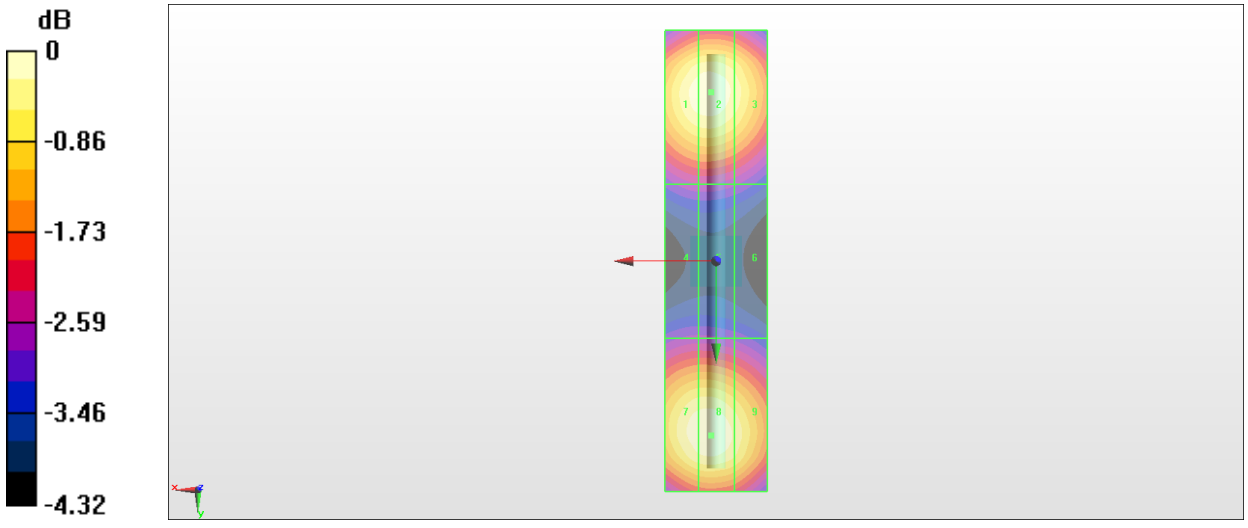
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

E Scan - measurement distance from the probe sensor center to CD1880 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 157.8 V/m; Power Drift = 0.00 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 87.21 V/m
Average value of Total=(86.74+87.21) / 2 = 86.975 V/m

PMF scaled E-field

Grid 1 **M3** **86.01 V/m**	Grid 2 **M3** **86.74 V/m**	Grid 3 **M3** **83.53 V/m**
Grid 4 **M3** **64.44 V/m**	Grid 5 **M3** **64.69 V/m**	Grid 6 **M3** **63.35 V/m**
Grid 7 **M3** **86.61 V/m**	Grid 8 **M3** **87.21 V/m**	Grid 9 **M3** **83.78 V/m**

Cursor:
Total = 87.21 V/m
E Category: M3
Location: 1, 34, 9.7 mm



0 dB = 87.21 V/m = 38.81 dBV/m

HAC_E_Dipole_1880

DUT: HAC Dipole 1880 MHz

Communication System: CW; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5 ℃

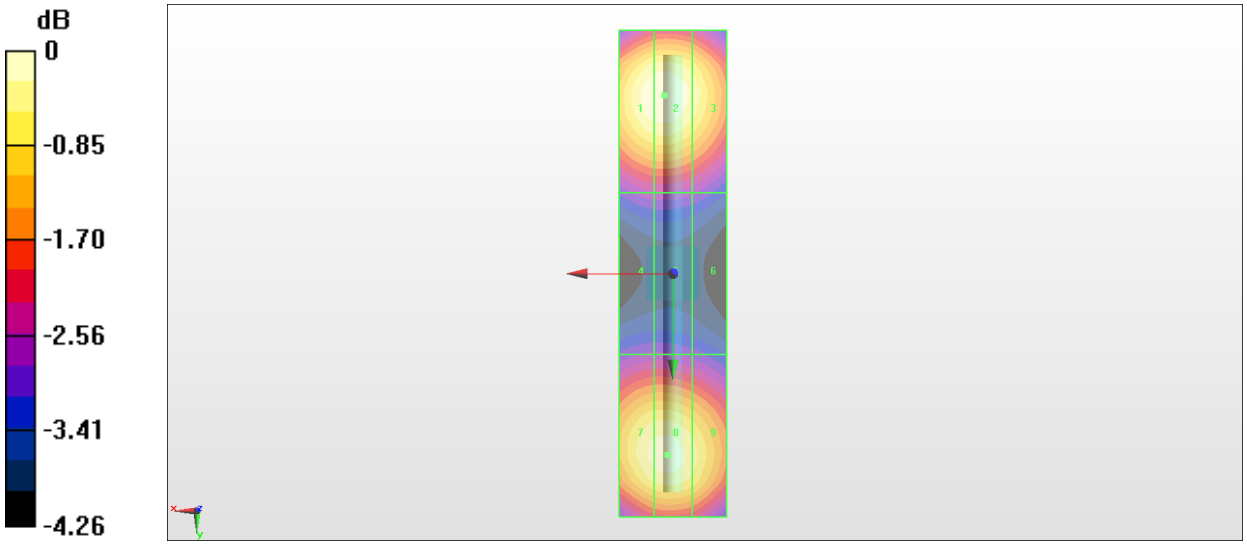
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

E Scan - measurement distance from the probe sensor center to CD1880 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 156.6 V/m; Power Drift = 0.01 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 88.21 V/m
Average value of Total=(88.21+87.01) / 2 = 87.61 V/m

PMF scaled E-field

Grid 1 **M3** **87.89 V/m**	Grid 2 **M3** **88.21 V/m**	Grid 3 **M3** **84.78 V/m**
Grid 4 **M3** **65.54 V/m**	Grid 5 **M3** **65.64 V/m**	Grid 6 **M3** **64.19 V/m**
Grid 7 **M3** **86.29 V/m**	Grid 8 **M3** **87.01 V/m**	Grid 9 **M3** **84.10 V/m**

Cursor:
Total = 88.21 V/m
E Category: M3
Location: 1.5, -33, 9.7 mm



0 dB = 88.21 V/m = 38.91 dBV/m

HAC_E_Dipole_2450

DUT: HAC Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.6 ℃

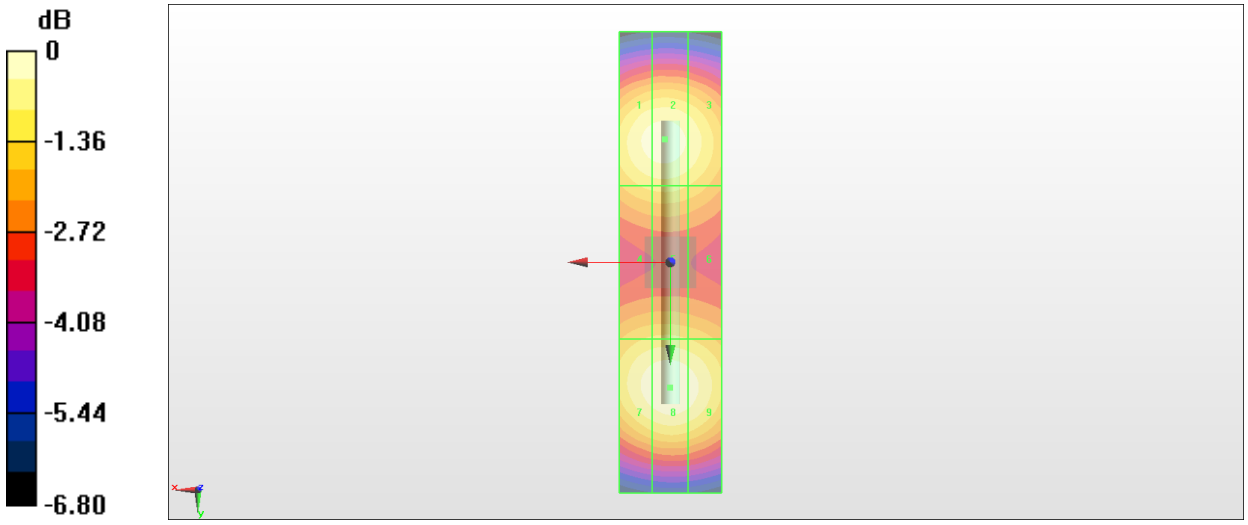
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

E Scan - measurement distance from the probe sensor center to CD2450 = 10mm & 15mm /Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 82.73 V/m; Power Drift = 0.01 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 87.54 V/m
Average value of Total=(85.82+87.54) / 2 = 86.68 V/m

PMF scaled E-field

Grid 1 **M3** **85.12 V/m**	Grid 2 **M3** **85.82 V/m**	Grid 3 **M3** **82.61 V/m**
Grid 4 **M3** **76.51 V/m**	Grid 5 **M3** **76.98 V/m**	Grid 6 **M3** **75.06 V/m**
Grid 7 **M3** **85.80 V/m**	Grid 8 **M3** **87.54 V/m**	Grid 9 **M3** **85.56 V/m**

Cursor:
Total = 87.54 V/m
E Category: M3
Location: 0, 24.5, 9.7 mm



0 dB = 87.54 V/m = 38.84 dBV/m

HAC_E_Dipole_2600

DUT: HAC Dipole 2600 MHz

Communication System: CW ; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.6 ℃

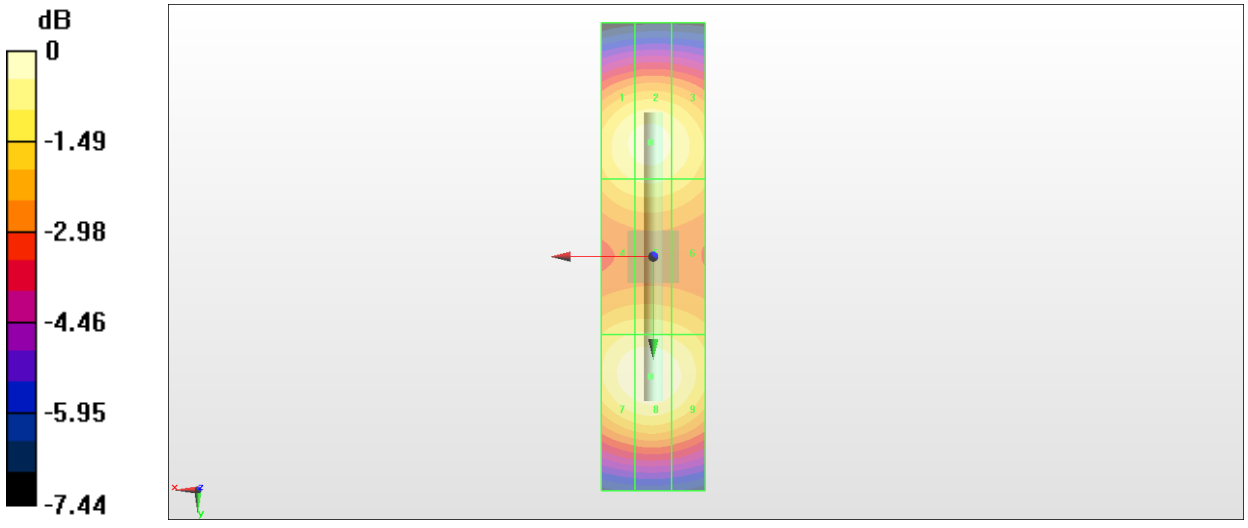
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

E Scan - measurement distance from the probe sensor center to CD2600 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 74.06 V/m; Power Drift = 0.02 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 90.25 V/m
Average value of Total=(87.71+90.25) / 2 = 88.98 V/m

PMF scaled E-field

Grid 1 **M3** **86.54 V/m**	Grid 2 **M3** **87.71 V/m**	Grid 3 **M3** **85.20 V/m**
Grid 4 **M3** **81.18 V/m**	Grid 5 **M3** **81.87 V/m**	Grid 6 **M3** **80.10 V/m**
Grid 7 **M3** **89.21 V/m**	Grid 8 **M3** **90.25 V/m**	Grid 9 **M3** **87.70 V/m**

Cursor:
Total = 90.25 V/m
E Category: M3
Location: 0.5, 23, 9.7 mm



0 dB = 90.25 V/m = 39.11 dBV/m

HAC_E_Dipole_2600

DUT: HAC Dipole 2600 MHz

Communication System: CW ; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5 ℃

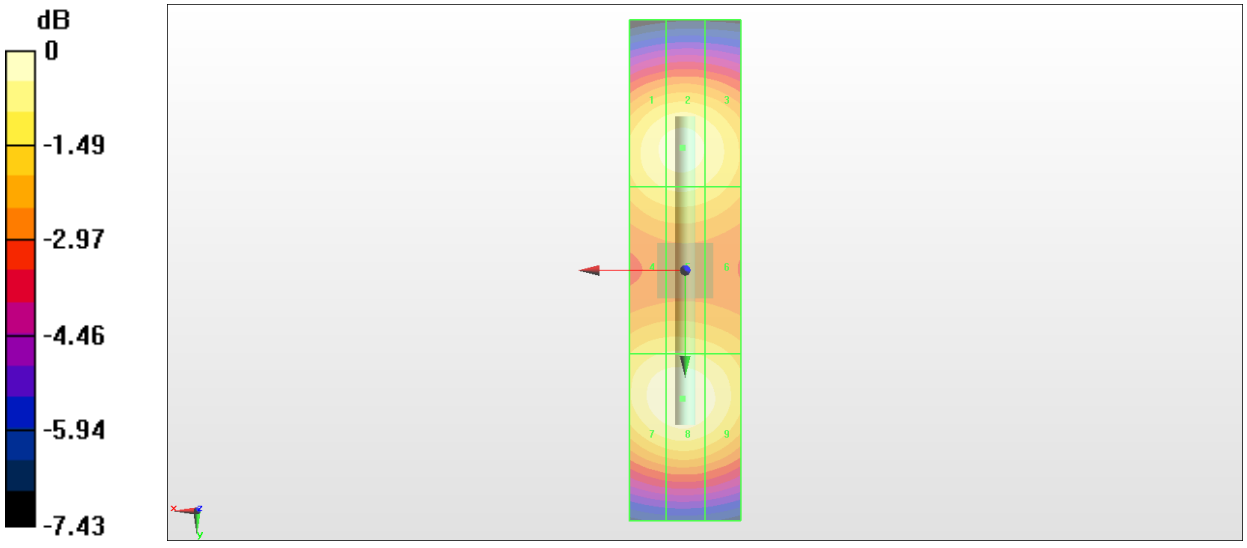
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

E Scan - measurement distance from the probe sensor center to CD2600 = 10mm & 15mm/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
Device Reference Point: 0, 0, -6.3 mm
Reference Value = 74.38 V/m; Power Drift = 0.02 dB
PMR not calibrated. PMF = 1.000 is applied.
E-field emissions = 90.52 V/m
Average value of Total=(87.97+90.52) / 2 = 89.25 V/m

PMF scaled E-field

Grid 1 **M3** **86.79 V/m**	Grid 2 **M3** **87.97 V/m**	Grid 3 **M3** **85.45 V/m**
Grid 4 **M3** **81.42 V/m**	Grid 5 **M3** **82.11 V/m**	Grid 6 **M3** **80.34 V/m**
Grid 7 **M3** **89.48 V/m**	Grid 8 **M3** **90.52 V/m**	Grid 9 **M3** **87.96 V/m**

Cursor:
Total = 90.52 V/m
E Category: M3
Location: 0.5, 23, 9.7 mm



0 dB = 90.52 V/m = 39.13 dBV/m