

System Cheek_E-Field_835_220417

DUT: HAC Dipole 835 MHz; Type: CD835V; SN: 1213

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.5°C

DASY5 Configuration:

- Probe: EF3DV3 - SN4075; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 03/03/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 10/26/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 127.8 V/m; Power Drift = 0.06 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 120.2 V/m

Average value of Total=(106.3+120.2) / 2 = 113.25 V/m

PMF scaled E-field

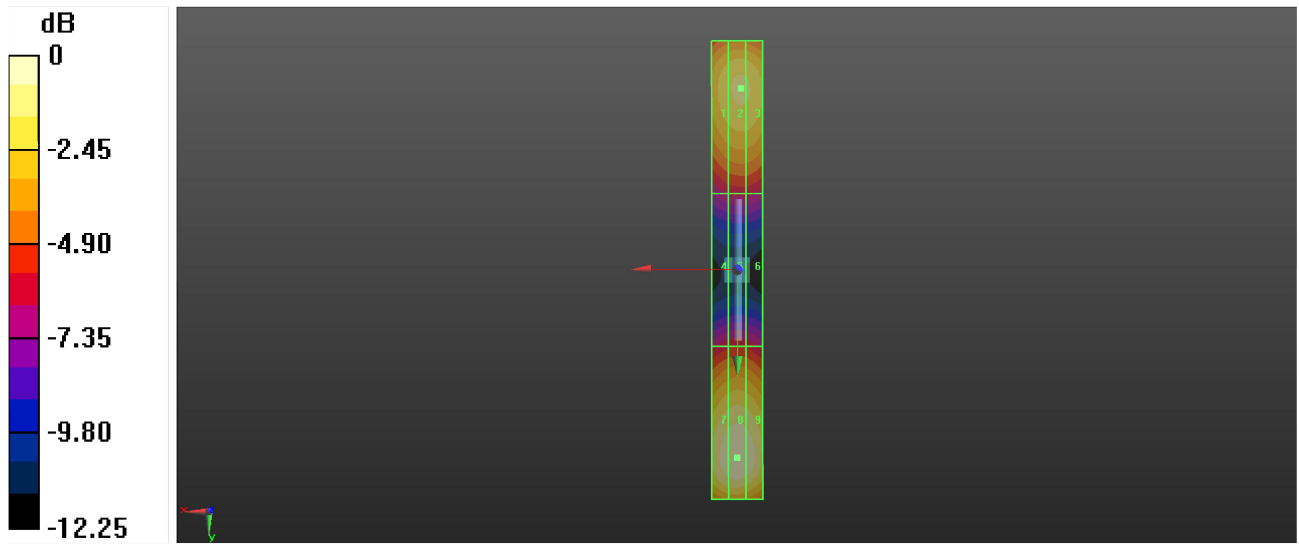
Grid 1 M4 102.4 V/m	Grid 2 M4 106.3 V/m	Grid 3 M4 105.2 V/m
Grid 4 M4 63.64 V/m	Grid 5 M4 64.44 V/m	Grid 6 M4 63.79 V/m
Grid 7 M4 118.9 V/m	Grid 8 M4 120.2 V/m	Grid 9 M4 118.7 V/m

Cursor:

Total = 120.2 V/m

E Category: M4

Location: 0, 73.5, 8.7 mm



0 dB = 120.2 V/m = 41.60 dBV/m