



Appendix A

Detailed System Check Results

1. System Check Results
System Performance Check 2450 MHz

Test Laboratory: SGS-SAR Lab

HAC-E-Dipole CD2450V3

DUT: CD2450V3; Type: CD2450V3; Serial: 1025

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

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

Phantom section: RF Section

DASY 5 Configuration:

- Probe: EF3DV3 - SN4051; ConvF(1, 1, 1); Calibrated: 2022-06-10
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1324; Calibrated: 2022-10-17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Dipole E-Field measurement (E-field scan for ANSI C63.19-2007 & -2011 compliance)/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 = 78.84 V/m; Power Drift = -0.07 dB

PMR not calibrated. PMF = 1.000 is applied.

E-field emissions = 91.14 V/m

Average value of Total=(86.91+91.14)/2=89.025V/m

PMF scaled E-field

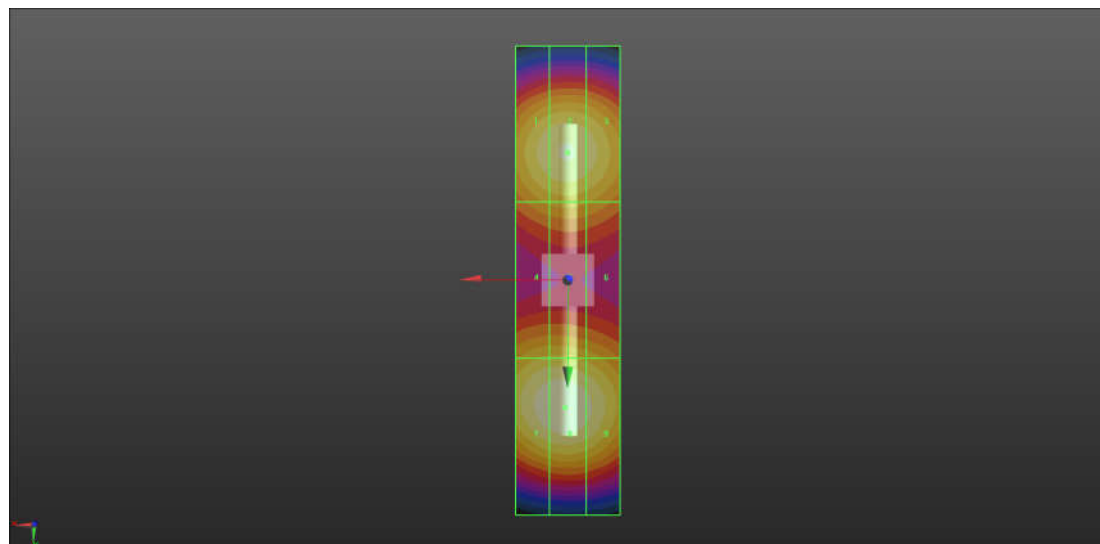
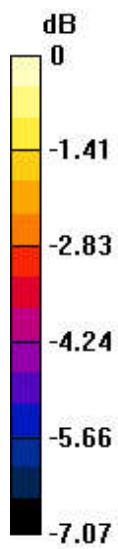
Grid 1 M3 85.26 V/m	Grid 2 M3 86.91 V/m	Grid 3 M3 84.58 V/m
Grid 4 M3 78.66 V/m	Grid 5 M3 78.77 V/m	Grid 6 M3 76.46 V/m
Grid 7 M3 90.12 V/m	Grid 8 M3 91.14 V/m	Grid 9 M3 87.92 V/m

Cursor:

Total = 91.14 V/m

E Category: M3

Location: 0.5, 24.5, 8.7 mm



0 dB = 91.14 V/m = 39.19 dBV/m