



REPORT No.: SZ23050339S02

Annex C Plots of System Performance Check

System Check_835MHz_HAC_RF_E

Communication System: UID 0, CW (0); 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 : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 2023.02.17

- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE3 Sn373; Calibrated: 2022.12.28

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.14 (7501)

Ch835/Hearing Aid Compatibility Test (81x401x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Maximum value of Total (interpolated) = 105.1 V/m

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 47.37 V/m; Power Drift = 0.07 dB

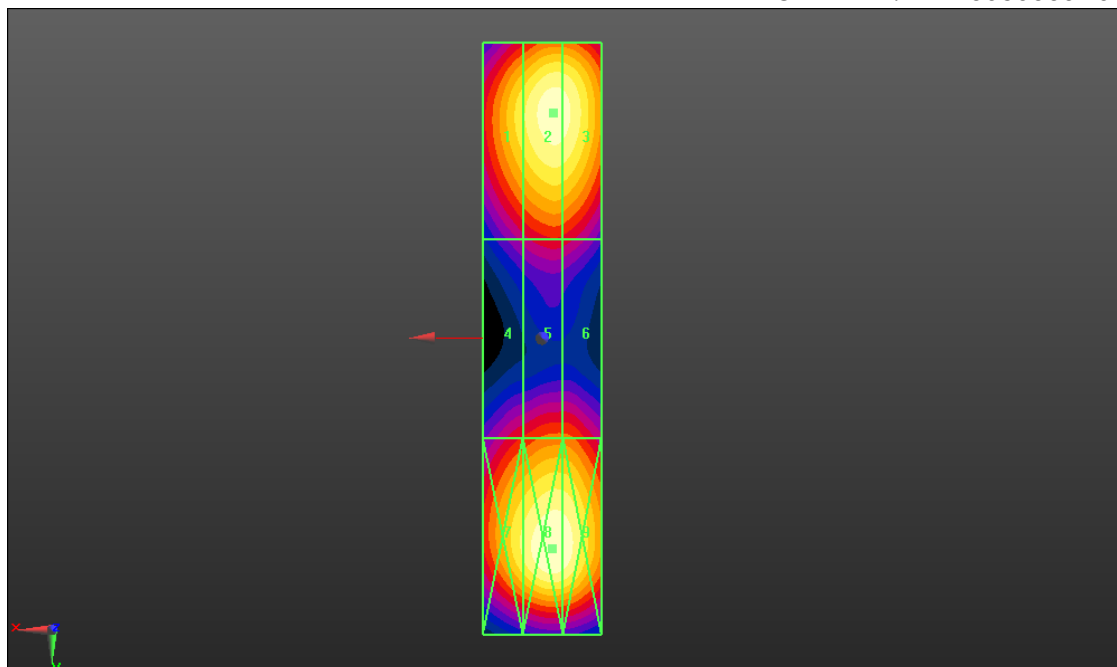
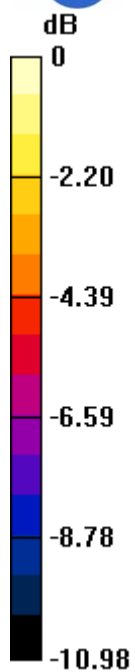
Applied MIF = 0.00 dB

RF audio interference level = 40.17 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 38.84 dBV/m	Grid 2 M3 40.17 dBV/m	Grid 3 M3 40.04 dBV/m
Grid 4 M4 35.39 dBV/m	Grid 5 M4 36.33 dBV/m	Grid 6 M4 36.33 dBV/m
Grid 7 M4 39.17 dBV/m	Grid 8 M3 40.43 dBV/m	Grid 9 M3 40.26 dBV/m



0 dB = 105.1 V/m = 40.43 dBV/m

System Check_1880MHz_HAC_RF_E

Communication System: UID 0, CW (0); Frequency: 1880 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2023.02.17

- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE3 Sn373; Calibrated: 2022.12.28

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.14 (7501)

Ch1880/Hearing Aid Compatibility Test (81x401x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Maximum value of Total (interpolated) = 91.43 V/m

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 64.04 V/m; Power Drift = 0.06 dB

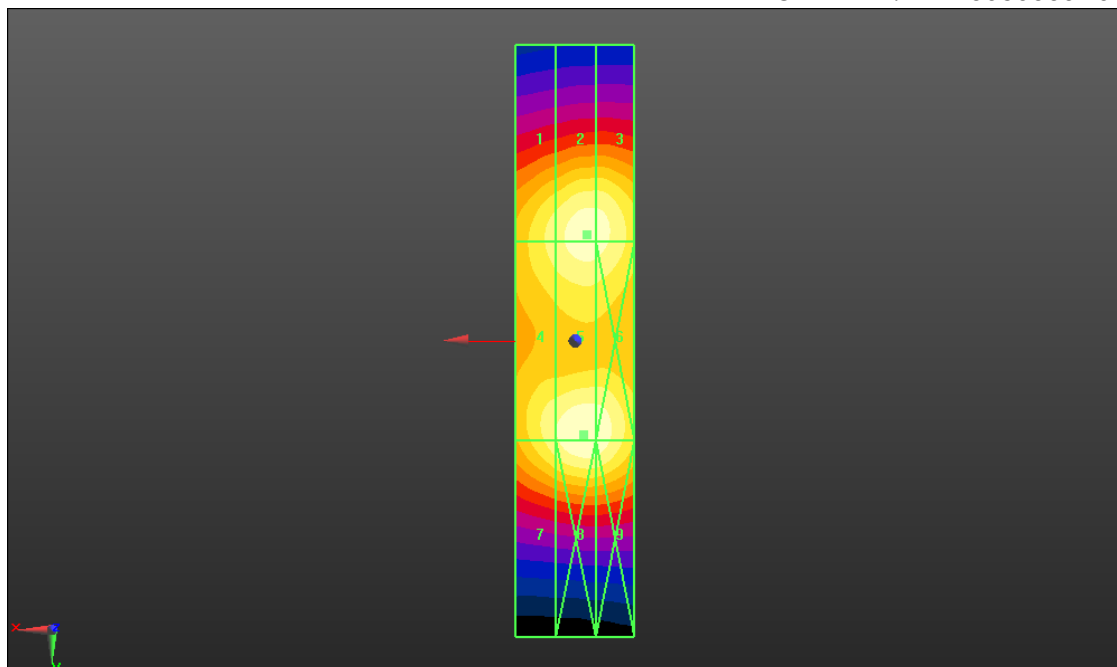
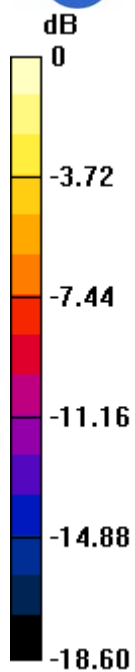
Applied MIF = 0.00 dB

RF audio interference level = 39.22 dBV/m

Emission category: M2

MIF scaled E-field

Grid 1 M2 37.49 dBV/m	Grid 2 M2 38.71 dBV/m	Grid 3 M2 38.61 dBV/m
Grid 4 M2 37.95 dBV/m	Grid 5 M2 39.22 dBV/m	Grid 6 M2 39.02 dBV/m
Grid 7 M2 37.79 dBV/m	Grid 8 M2 39.15 dBV/m	Grid 9 M2 38.93 dBV/m



0 dB = 91.43 V/m = 39.22 dBV/m

System Check_2450MHz_HAC_RF_E

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

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

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 2023.02.17

- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE3 Sn373; Calibrated: 2022.12.28

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;

- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.14 (7501)

Ch2450/Hearing Aid Compatibility Test (81x401x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Maximum value of Total (interpolated) = 87.03 V/m

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 72.12 V/m; Power Drift = 0.04 dB

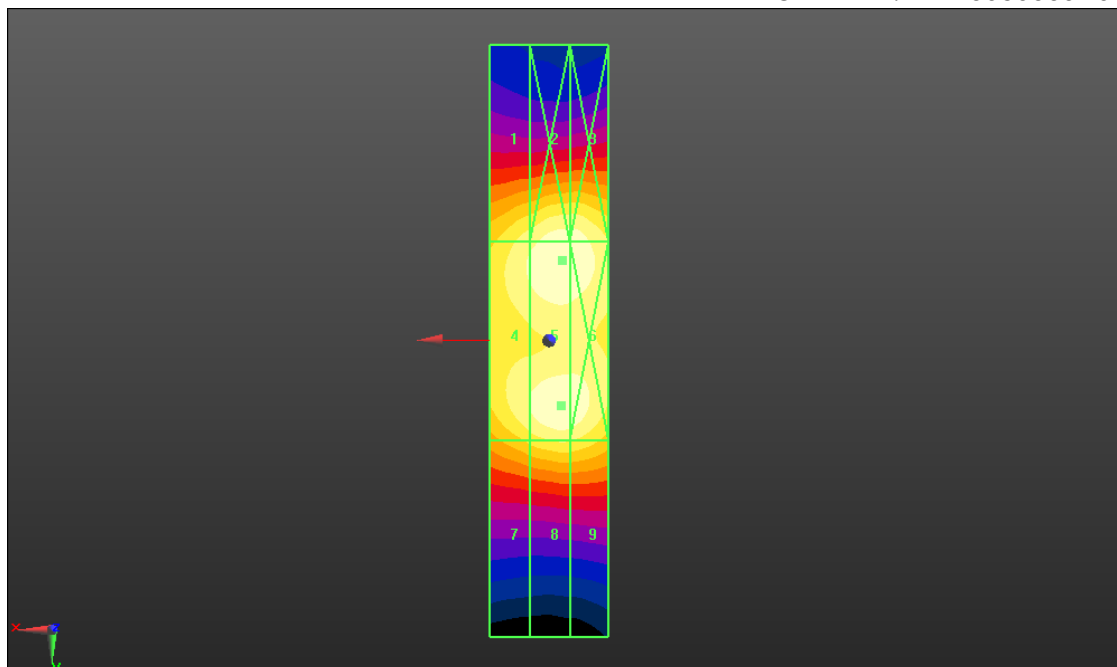
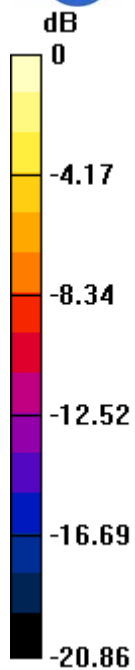
Applied MIF = 0.00 dB

RF audio interference level = 38.79 dBV/m

Emission category: M2

MIF scaled E-field

Grid 1 M2 36.9 dBV/m	Grid 2 M2 38.27 dBV/m	Grid 3 M2 38.26 dBV/m
Grid 4 M2 37.62 dBV/m	Grid 5 M2 38.79 dBV/m	Grid 6 M2 38.72 dBV/m
Grid 7 M2 35.15 dBV/m	Grid 8 M2 36.31 dBV/m	Grid 9 M2 36.2 dBV/m



0 dB = 87.03 V/m = 38.79 dBV/m