

#01_HAC_E_GSM850_GSM Voice_Ch128

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.8 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 34.44 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.50 dBV/m

Emission category: M4

MIF scaled E-field

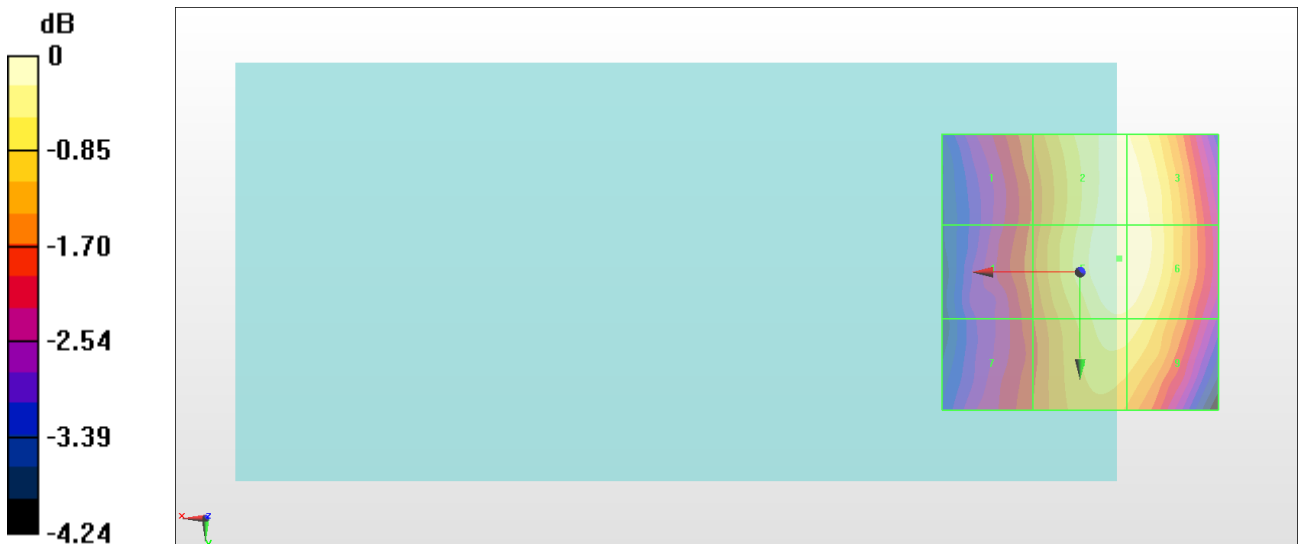
Grid 1 M4 31.13 dBV/m	Grid 2 M4 32.45 dBV/m	Grid 3 M4 32.45 dBV/m
Grid 4 M4 31.01 dBV/m	Grid 5 M4 32.5 dBV/m	Grid 6 M4 32.49 dBV/m
Grid 7 M4 30.81 dBV/m	Grid 8 M4 32.18 dBV/m	Grid 9 M4 32.14 dBV/m

Cursor:

Total = 32.50 dBV/m

E Category: M4

Location: -7, -2.5, 8.7 mm



0 dB = 42.15 V/m = 32.50 dBV/m

#02_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.8 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 34.46 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.32 dBV/m

Emission category: M4

MIF scaled E-field

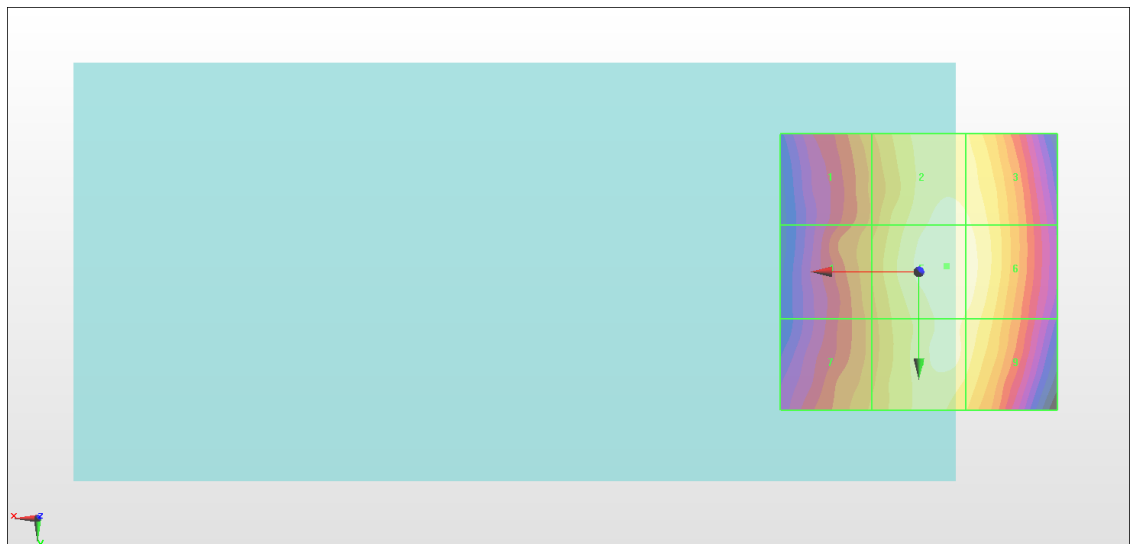
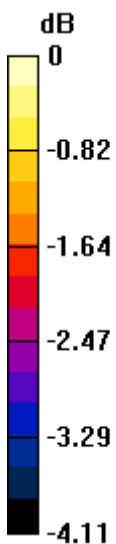
Grid 1 M4 31.2 dBV/m	Grid 2 M4 32.18 dBV/m	Grid 3 M4 32.1 dBV/m
Grid 4 M4 31.26 dBV/m	Grid 5 M4 32.32 dBV/m	Grid 6 M4 32.22 dBV/m
Grid 7 M4 31.28 dBV/m	Grid 8 M4 32.29 dBV/m	Grid 9 M4 32.01 dBV/m

Cursor:

Total = 32.32 dBV/m

E Category: M4

Location: -5, -1, 8.7 mm



0 dB = 41.29 V/m = 32.32 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.8 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 34.29 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.24 dBV/m

Emission category: M4

MIF scaled E-field

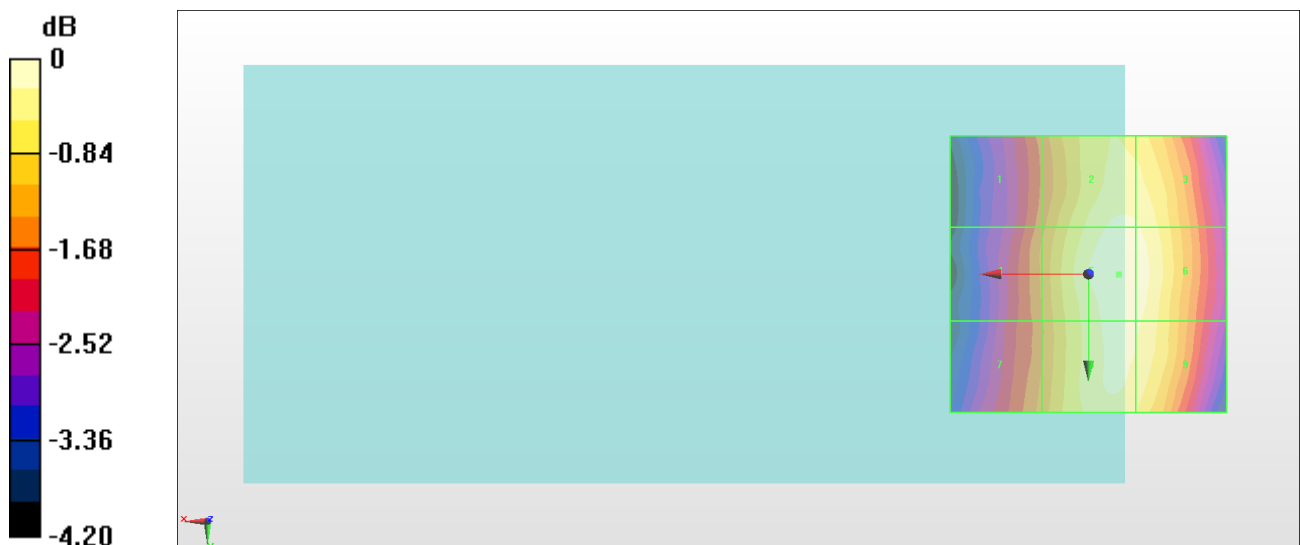
Grid 1 M4 30.74 dBV/m	Grid 2 M4 32.03 dBV/m	Grid 3 M4 32 dBV/m
Grid 4 M4 30.89 dBV/m	Grid 5 M4 32.24 dBV/m	Grid 6 M4 32.15 dBV/m
Grid 7 M4 30.95 dBV/m	Grid 8 M4 32.09 dBV/m	Grid 9 M4 32.02 dBV/m

Cursor:

Total = 32.24 dBV/m

E Category: M4

Location: -5.5, 0, 8.7 mm



0 dB = 40.91 V/m = 32.24 dBV/m

#04_HAC_E_GSM1900_GSM Voice_Ch512

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.8 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.027 V/m; Power Drift = 0.15 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.62 dBV/m

Emission category: M4

MIF scaled E-field

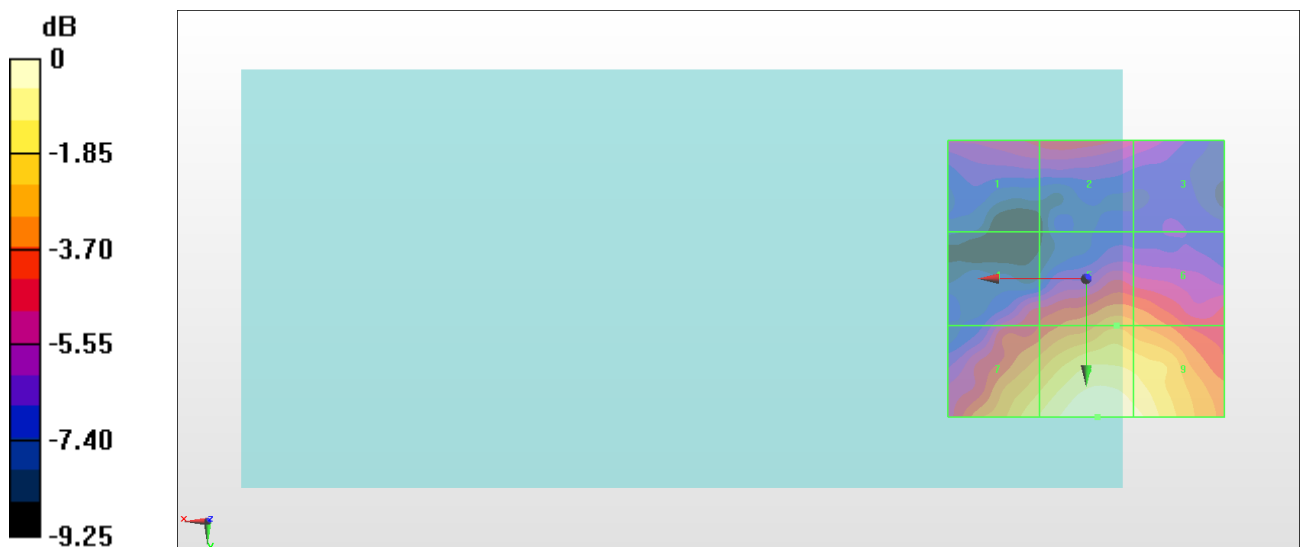
Grid 1 M4 19.94 dBV/m	Grid 2 M4 20.24 dBV/m	Grid 3 M4 19.34 dBV/m
Grid 4 M4 20.38 dBV/m	Grid 5 M4 22.03 dBV/m	Grid 6 M4 21.74 dBV/m
Grid 7 M4 23.46 dBV/m	Grid 8 M4 24.62 dBV/m	Grid 9 M4 24.27 dBV/m

Cursor:

Total = 24.62 dBV/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 17.03 V/m = 24.62 dBV/m

#05_HAC_E_GSM1900_GSM Voice_Ch661

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.8 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.345 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.62 dBV/m

Emission category: M4

MIF scaled E-field

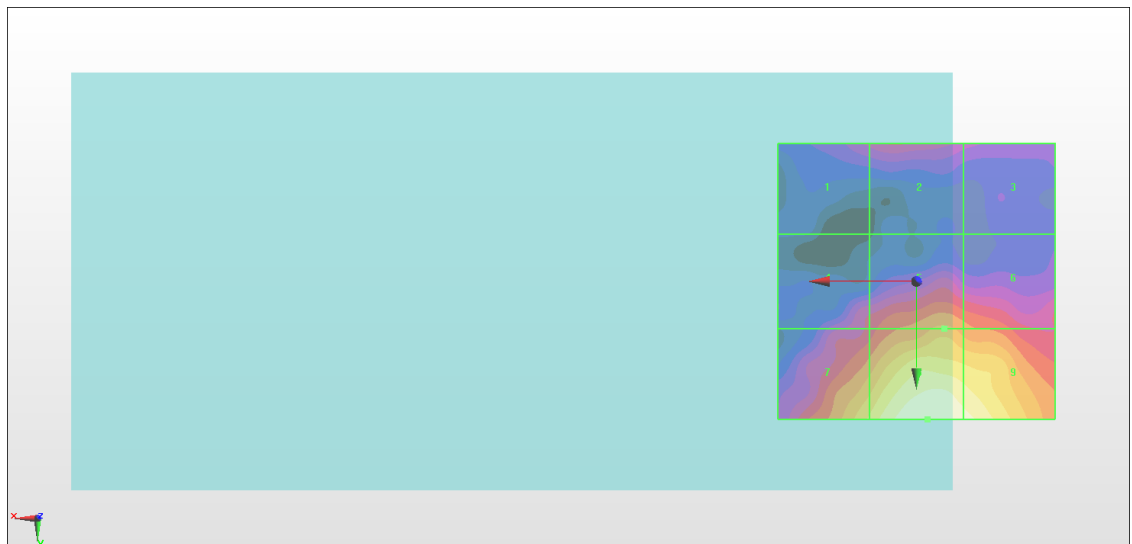
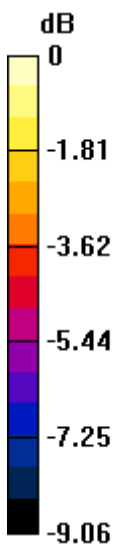
Grid 1 M4 19.44 dBV/m	Grid 2 M4 19.95 dBV/m	Grid 3 M4 18.95 dBV/m
Grid 4 M4 20.05 dBV/m	Grid 5 M4 21.77 dBV/m	Grid 6 M4 21.28 dBV/m
Grid 7 M4 22.95 dBV/m	Grid 8 M4 24.62 dBV/m	Grid 9 M4 24.28 dBV/m

Cursor:

Total = 24.62 dBV/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 17.02 V/m = 24.62 dBV/m

#06_HAC_E_GSM1900_GSM Voice_Ch810

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.8 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn910; Calibrated: 2018/6/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test

(101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.390 V/m; Power Drift = 0.18 dB

Applied MIF = 3.63 dB

RF audio interference level = 24.69 dBV/m

Emission category: M4

MIF scaled E-field

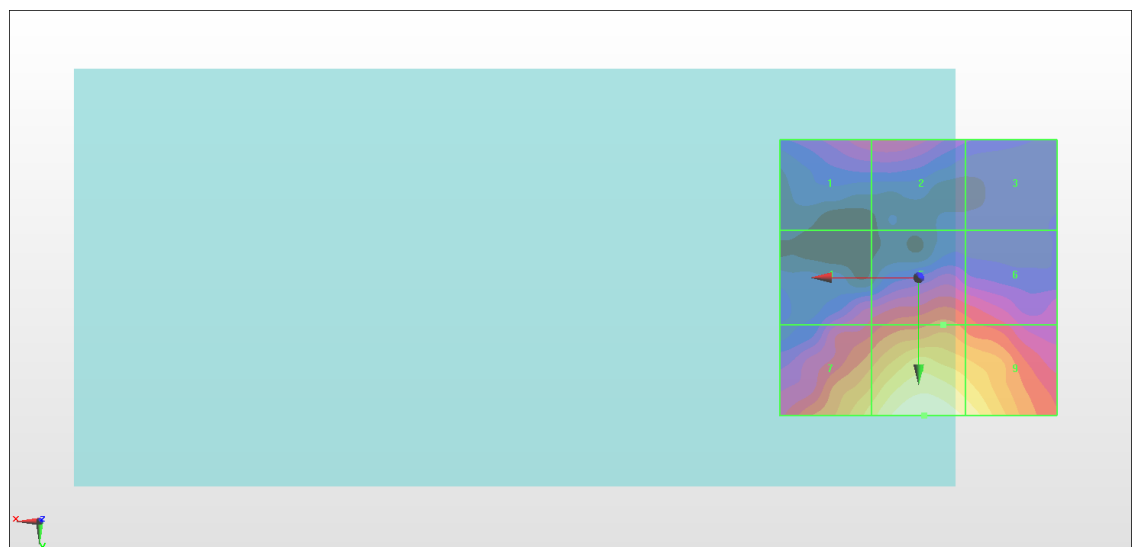
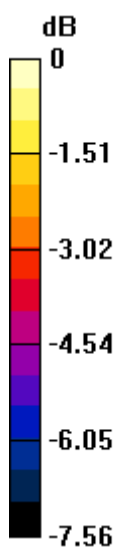
Grid 1 M4 20.62 dBV/m	Grid 2 M4 20.76 dBV/m	Grid 3 M4 19.3 dBV/m
Grid 4 M4 20.83 dBV/m	Grid 5 M4 21.85 dBV/m	Grid 6 M4 21.46 dBV/m
Grid 7 M4 23.49 dBV/m	Grid 8 M4 24.69 dBV/m	Grid 9 M4 24.13 dBV/m

Cursor:

Total = 24.69 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 17.16 V/m = 24.69 dBV/m