

#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 = 47.50 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.38 dBV/m

Emission category: M4

MIF scaled E-field

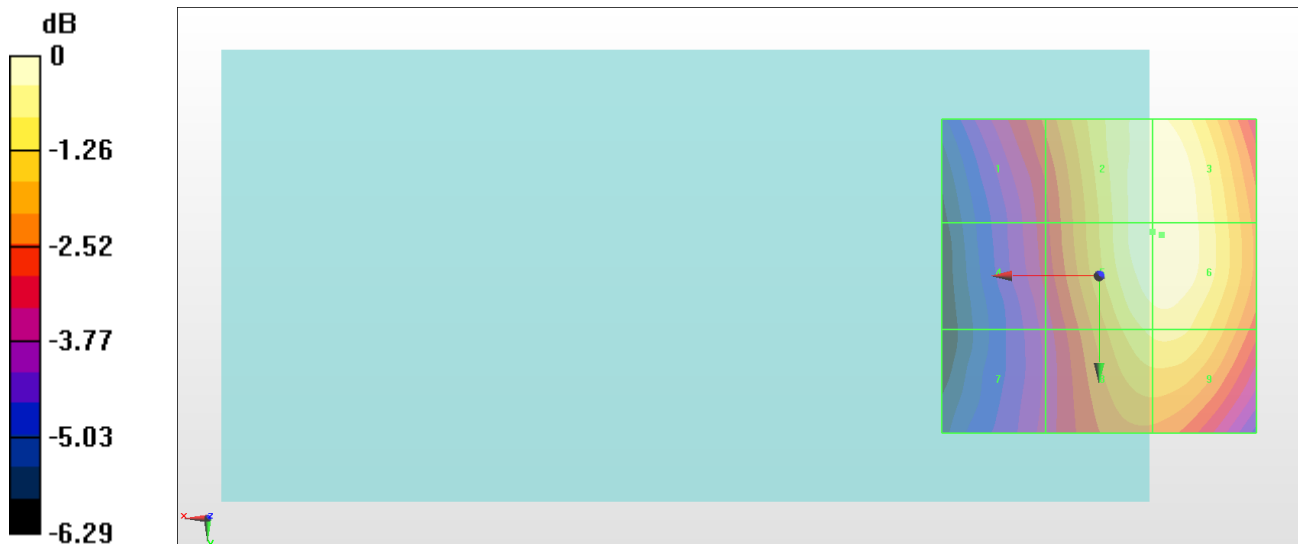
Grid 1 M4 33.99 dBV/m	Grid 2 M4 36.33 dBV/m	Grid 3 M4 36.37 dBV/m
Grid 4 M4 33.33 dBV/m	Grid 5 M4 36.34 dBV/m	Grid 6 M4 36.38 dBV/m
Grid 7 M4 32.81 dBV/m	Grid 8 M4 35.65 dBV/m	Grid 9 M4 35.71 dBV/m

Cursor:

Total = 36.38 dBV/m

E Category: M4

Location: -10, -6.5, 8.7 mm



#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 = 41.89 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.32 dBV/m

Emission category: M4

MIF scaled E-field

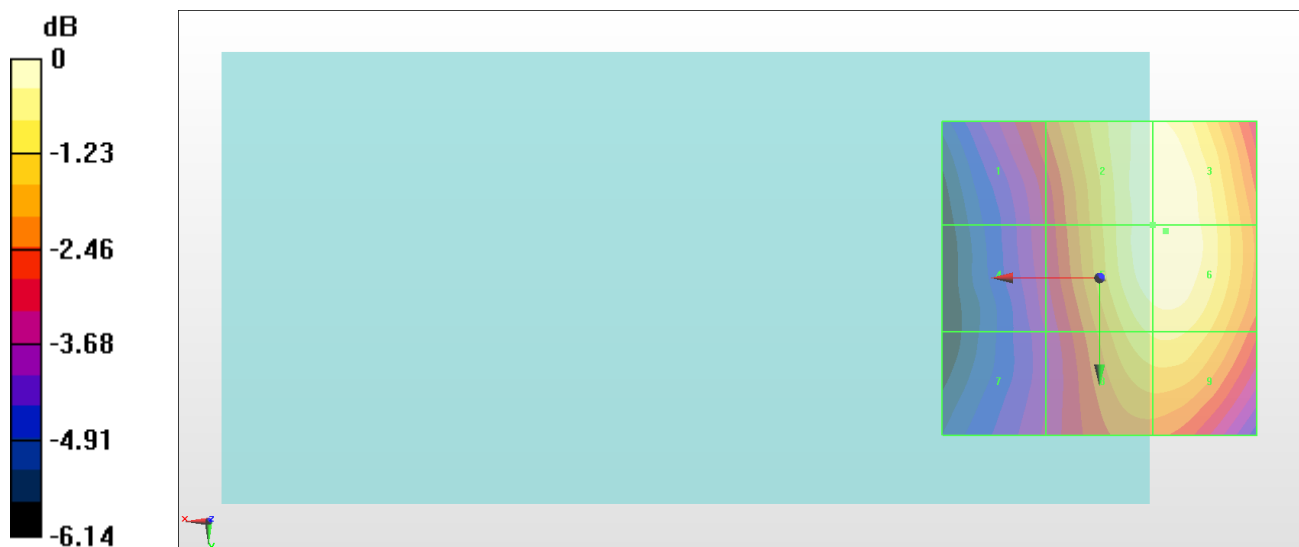
Grid 1 M4 32.91 dBV/m	Grid 2 M4 35.26 dBV/m	Grid 3 M4 35.32 dBV/m
Grid 4 M4 32.14 dBV/m	Grid 5 M4 35.26 dBV/m	Grid 6 M4 35.32 dBV/m
Grid 7 M4 31.75 dBV/m	Grid 8 M4 34.58 dBV/m	Grid 9 M4 34.64 dBV/m

Cursor:

Total = 35.32 dBV/m

E Category: M4

Location: -10.5, -7.5, 8.7 mm



0 dB = 58.36 V/m = 35.32 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 = 36.52 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.48 dBV/m

Emission category: M4

MIF scaled E-field

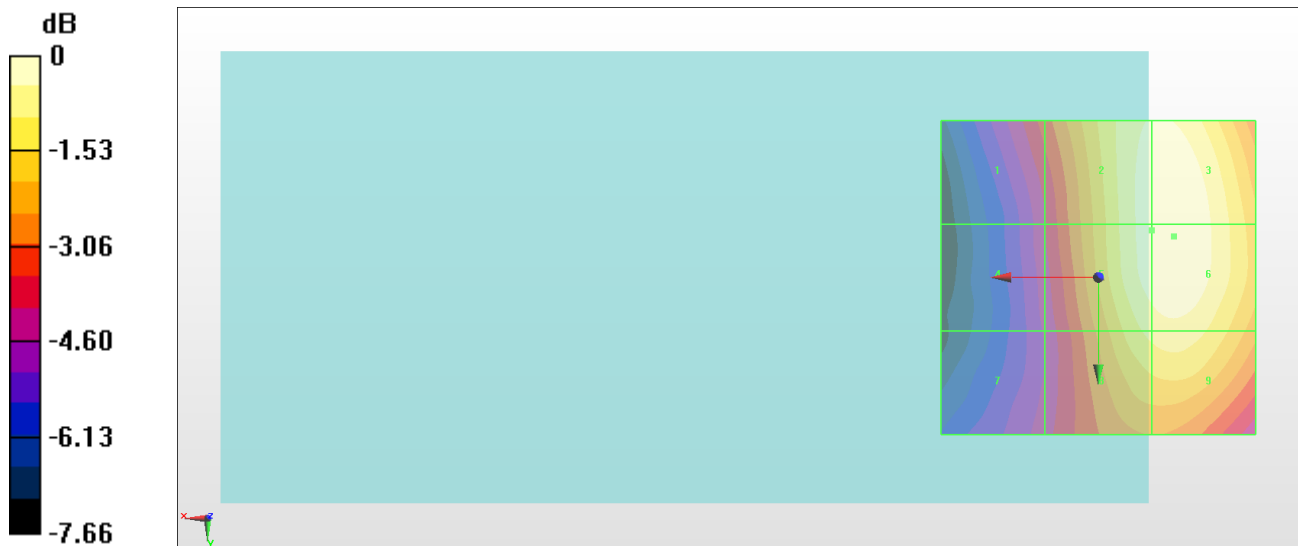
Grid 1 M4 31.18 dBV/m	Grid 2 M4 34.31 dBV/m	Grid 3 M4 34.47 dBV/m
Grid 4 M4 30.37 dBV/m	Grid 5 M4 34.31 dBV/m	Grid 6 M4 34.48 dBV/m
Grid 7 M4 30.21 dBV/m	Grid 8 M4 33.63 dBV/m	Grid 9 M4 33.79 dBV/m

Cursor:

Total = 34.48 dBV/m

E Category: M4

Location: -12, -6.5, 8.7 mm



0 dB = 52.95 V/m = 34.48 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 = 6.392 V/m; Power Drift = 0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 22.41 dBV/m

Emission category: M4

MIF scaled E-field

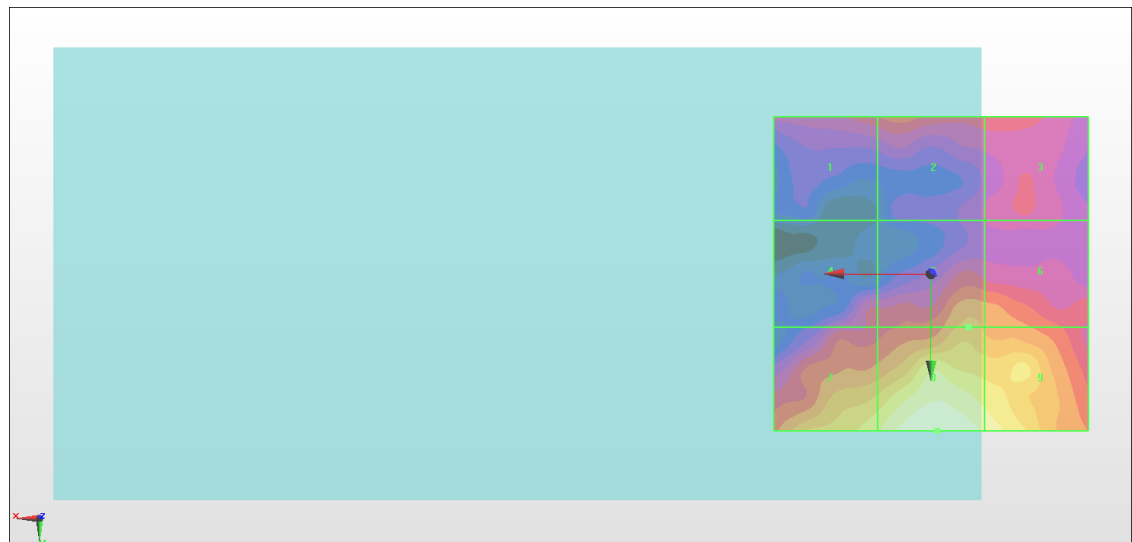
Grid 1 M4 19.19 dBV/m	Grid 2 M4 19.51 dBV/m	Grid 3 M4 19.16 dBV/m
Grid 4 M4 19.02 dBV/m	Grid 5 M4 20.27 dBV/m	Grid 6 M4 20.08 dBV/m
Grid 7 M4 21.42 dBV/m	Grid 8 M4 22.41 dBV/m	Grid 9 M4 21.87 dBV/m

Cursor:

Total = 22.41 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 13.20 V/m = 22.41 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 = 5.988 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 21.83 dBV/m

Emission category: M4

MIF scaled E-field

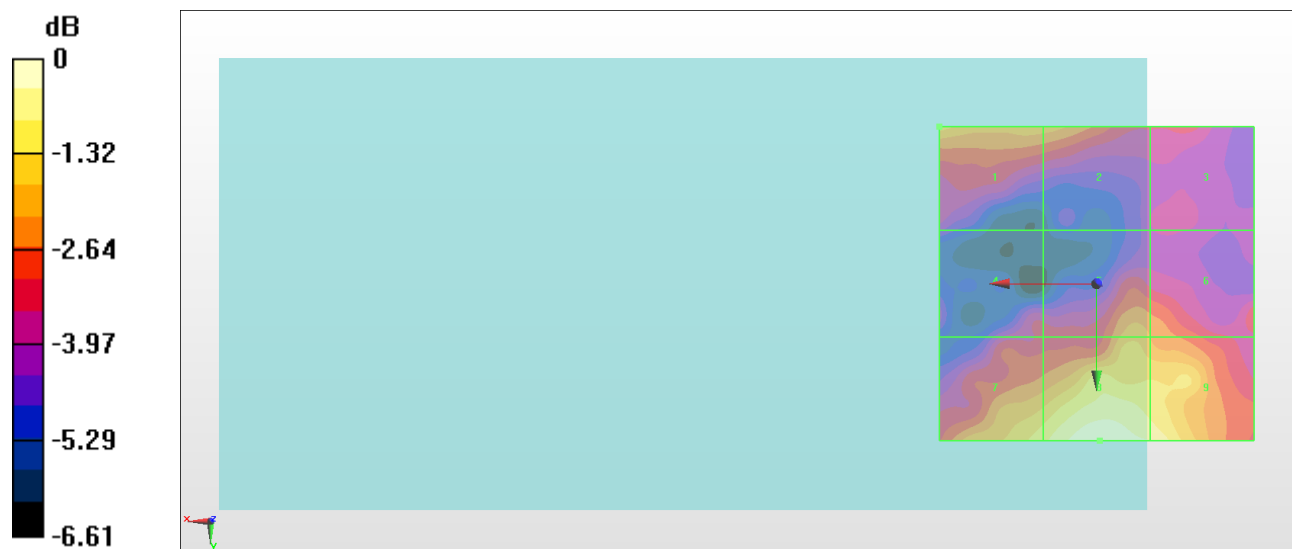
Grid 1 M4 20.34 dBV/m	Grid 2 M4 19.89 dBV/m	Grid 3 M4 18.55 dBV/m
Grid 4 M4 18.47 dBV/m	Grid 5 M4 19.95 dBV/m	Grid 6 M4 19.63 dBV/m
Grid 7 M4 20.82 dBV/m	Grid 8 M4 21.83 dBV/m	Grid 9 M4 21.39 dBV/m

Cursor:

Total = 21.83 dBV/m

E Category: M4

Location: -0.5, 25, 8.7 mm



#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 = 6.292 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 22.68 dBV/m

Emission category: M4

MIF scaled E-field

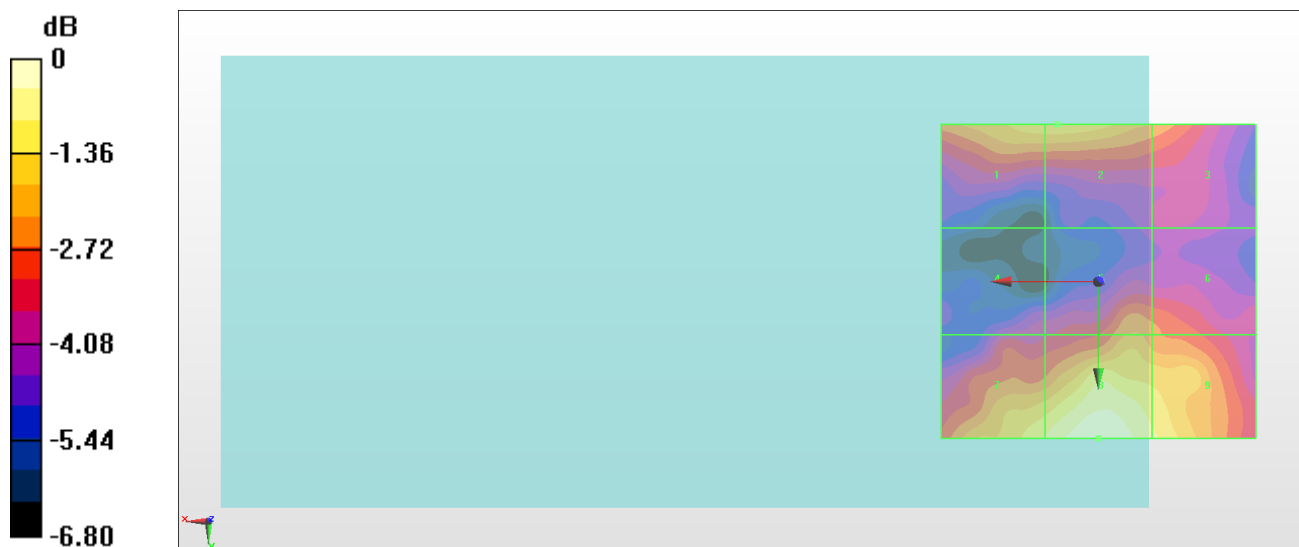
Grid 1 M4 21.23 dBV/m	Grid 2 M4 21.28 dBV/m	Grid 3 M4 20.41 dBV/m
Grid 4 M4 19 dBV/m	Grid 5 M4 20.48 dBV/m	Grid 6 M4 20.16 dBV/m
Grid 7 M4 21.82 dBV/m	Grid 8 M4 22.68 dBV/m	Grid 9 M4 21.91 dBV/m

Cursor:

Total = 22.68 dBV/m

E Category: M4

Location: 0, 25, 8.7 mm



0 dB = 13.61 V/m = 22.68 dBV/m