

#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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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 = 49.31 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.31 dBV/m

Emission category: M4

MIF scaled E-field

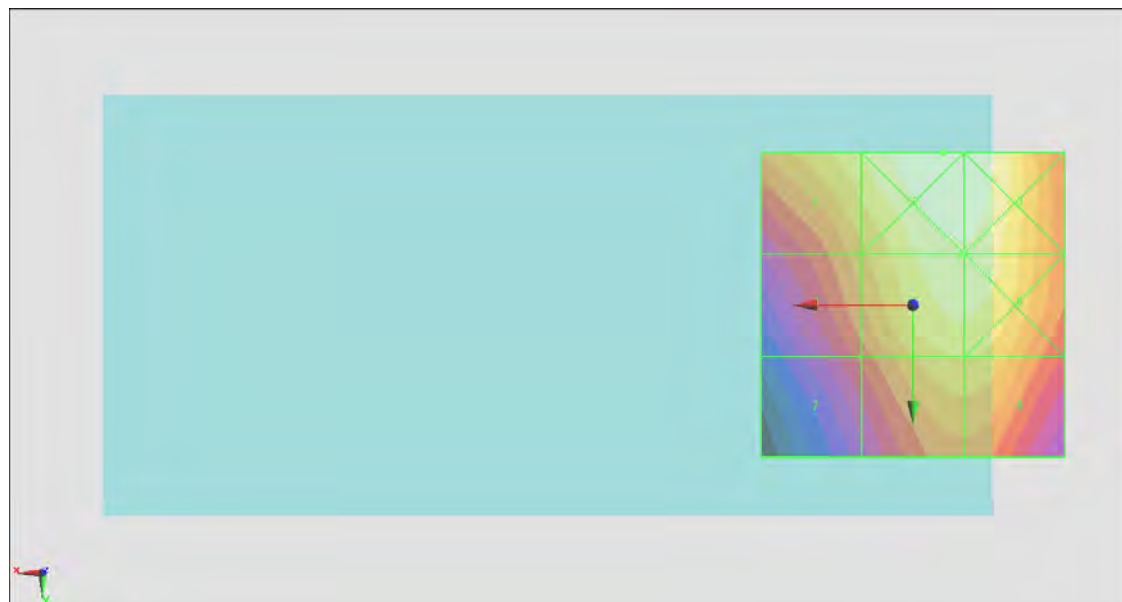
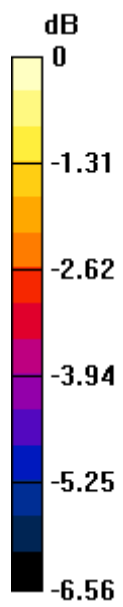
Grid 1 M4 35.94 dBV/m	Grid 2 M4 36.81 dBV/m	Grid 3 M4 36.77 dBV/m
Grid 4 M4 34.93 dBV/m	Grid 5 M4 36.31 dBV/m	Grid 6 M4 36.31 dBV/m
Grid 7 M4 33.92 dBV/m	Grid 8 M4 35.53 dBV/m	Grid 9 M4 35.53 dBV/m

Cursor:

Total = 36.81 dBV/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 69.25 V/m = 36.81 dBV/m

#02_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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 = 48.94 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.23 dBV/m

Emission category: M4

MIF scaled E-field

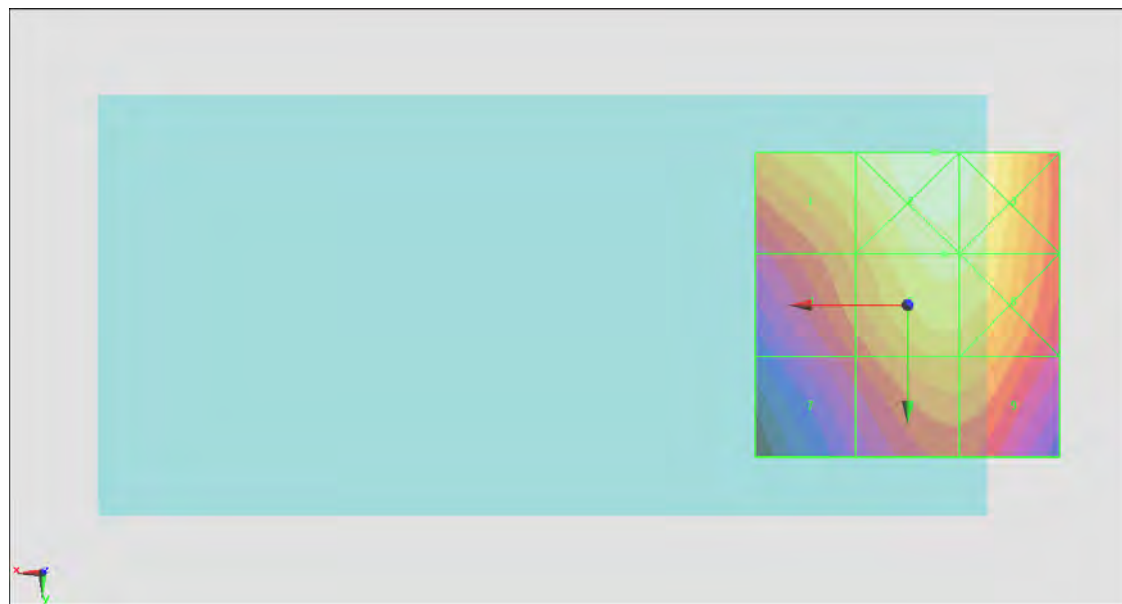
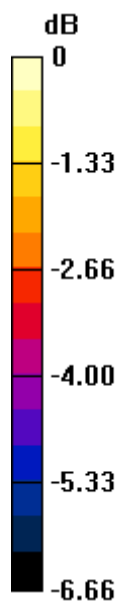
Grid 1 M4 36.08 dBV/m	Grid 2 M4 36.91 dBV/m	Grid 3 M4 36.78 dBV/m
Grid 4 M4 34.97 dBV/m	Grid 5 M4 36.23 dBV/m	Grid 6 M4 36.19 dBV/m
Grid 7 M4 33.83 dBV/m	Grid 8 M4 35.19 dBV/m	Grid 9 M4 35.15 dBV/m

Cursor:

Total = 36.91 dBV/m

E Category: M4

Location: -4.5, -25, 8.7 mm



0 dB = 70.05 V/m = 36.91 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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 = 45.69 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.78 dBV/m

Emission category: M4

MIF scaled E-field

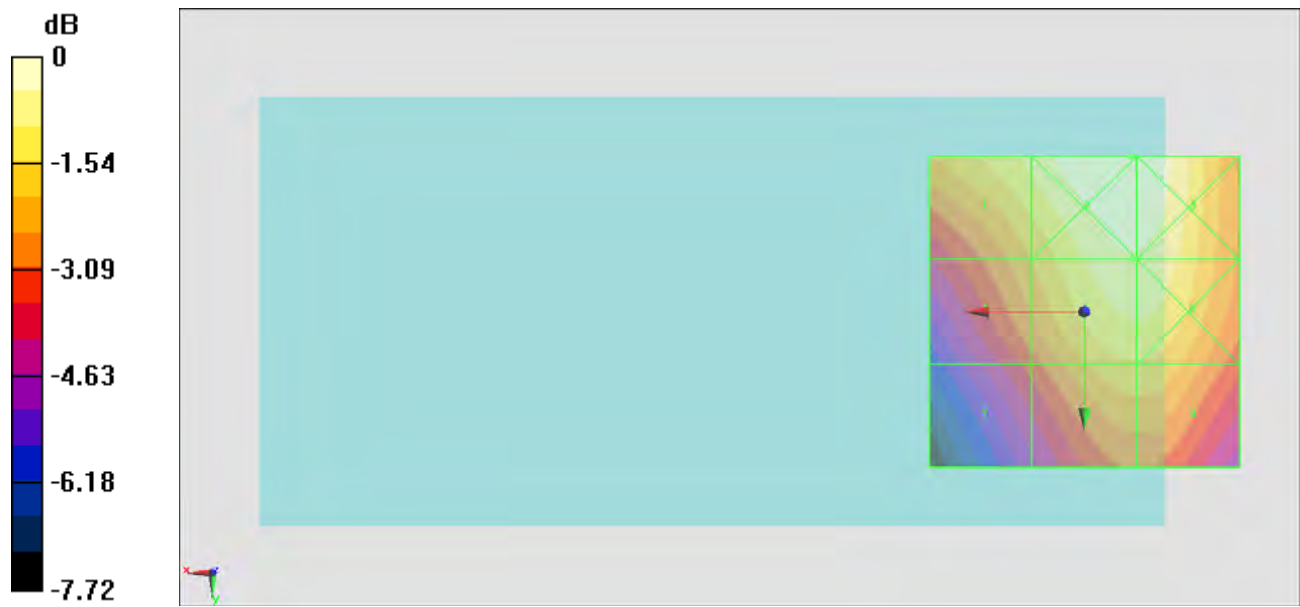
Grid 1 M4 35.49 dBV/m	Grid 2 M4 36.35 dBV/m	Grid 3 M4 36.34 dBV/m
Grid 4 M4 34.32 dBV/m	Grid 5 M4 35.78 dBV/m	Grid 6 M4 35.78 dBV/m
Grid 7 M4 33.02 dBV/m	Grid 8 M4 34.76 dBV/m	Grid 9 M4 34.76 dBV/m

Cursor:

Total = 36.35 dBV/m

E Category: M4

Location: -7.5, -25, 8.7 mm



#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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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 = 14.64 V/m; Power Drift = 0.14 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.44 dBV/m

Emission category: M4

MIF scaled E-field

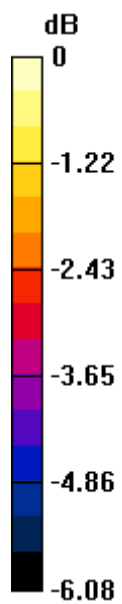
Grid 1 M4 28.11 dBV/m	Grid 2 M4 28.44 dBV/m	Grid 3 M4 28.17 dBV/m
Grid 4 M4 25.44 dBV/m	Grid 5 M4 28.12 dBV/m	Grid 6 M4 28.43 dBV/m
Grid 7 M4 25.28 dBV/m	Grid 8 M4 29.42 dBV/m	Grid 9 M4 29.71 dBV/m

Cursor:

Total = 29.71 dBV/m

E Category: M4

Location: -13.5, 25, 8.7 mm



0 dB = 30.60 V/m = 29.71 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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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 = 15.54 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.84 dBV/m

Emission category: M4

MIF scaled E-field

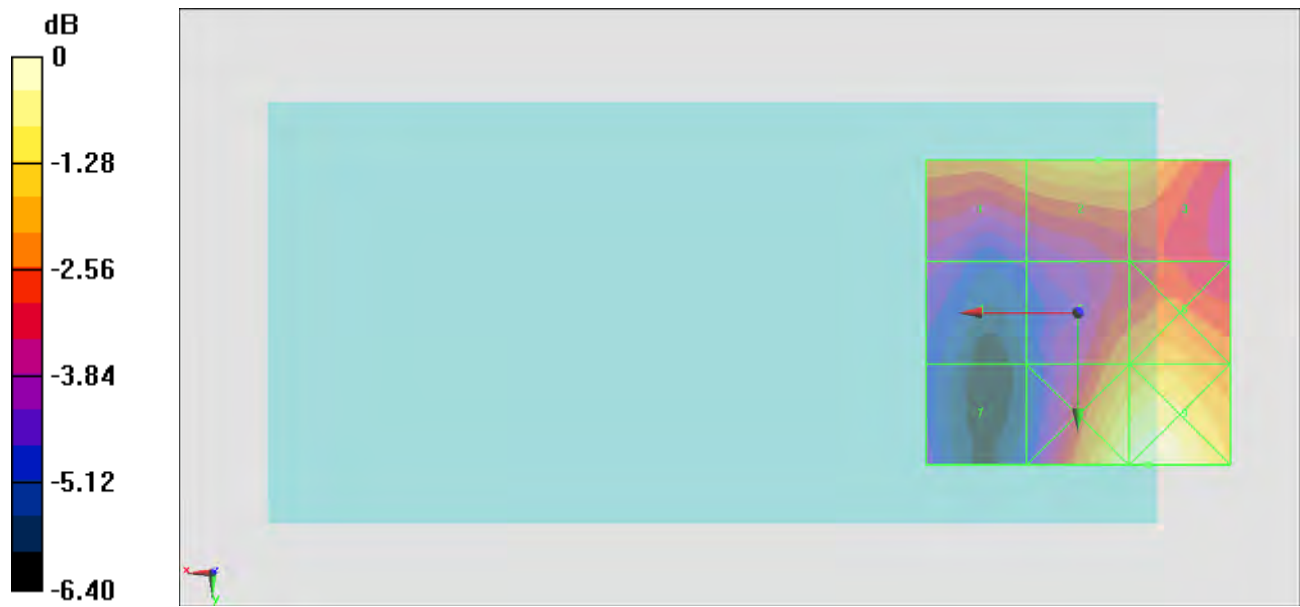
Grid 1 M4 28.38 dBV/m	Grid 2 M4 28.84 dBV/m	Grid 3 M4 28.75 dBV/m
Grid 4 M4 26.25 dBV/m	Grid 5 M4 28.27 dBV/m	Grid 6 M4 28.83 dBV/m
Grid 7 M4 26.06 dBV/m	Grid 8 M4 29.95 dBV/m	Grid 9 M3 30.21 dBV/m

Cursor:

Total = 30.21 dBV/m

E Category: M3

Location: -11.5, 25, 8.7 mm



0 dB = 32.41 V/m = 30.21 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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

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 = 14.92 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.91 dBV/m

Emission category: M4

MIF scaled E-field

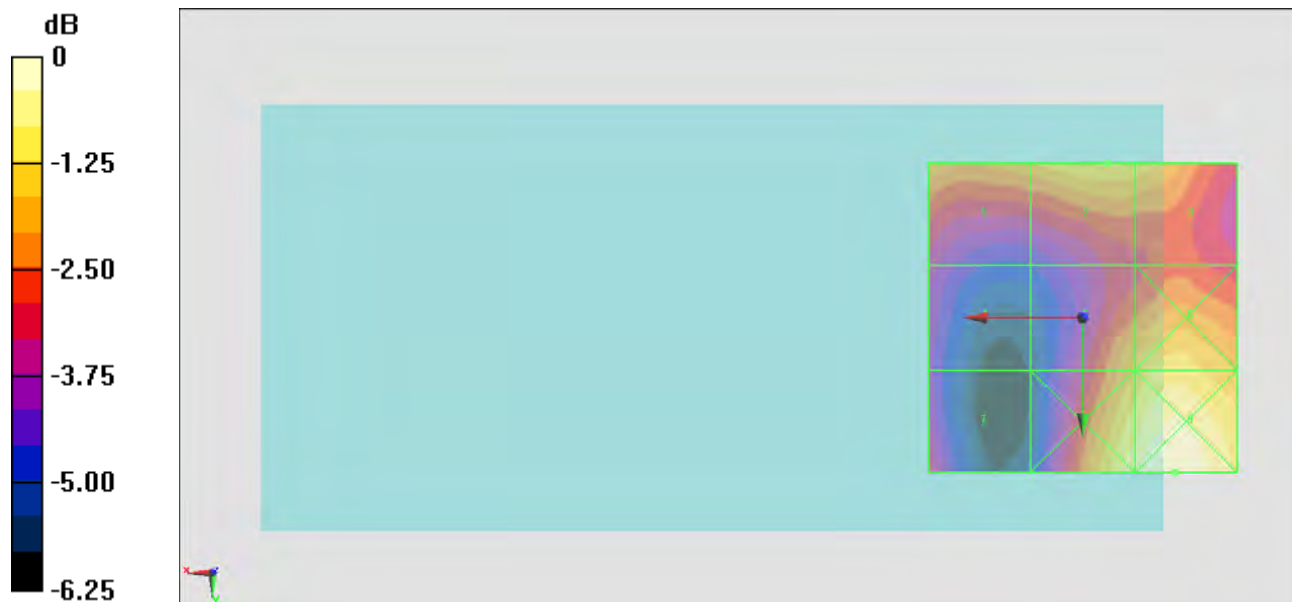
Grid 1 M4 28.42 dBV/m	Grid 2 M4 28.91 dBV/m	Grid 3 M4 28.76 dBV/m
Grid 4 M4 26.67 dBV/m	Grid 5 M4 28.5 dBV/m	Grid 6 M4 29.06 dBV/m
Grid 7 M4 27.07 dBV/m	Grid 8 M4 29.58 dBV/m	Grid 9 M3 30.07 dBV/m

Cursor:

Total = 30.07 dBV/m

E Category: M3

Location: -15, 25, 8.7 mm



0 dB = 31.88 V/m = 30.07 dBV/m