

#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 : 23.2 °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)

Ch128/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 = 84.32 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.38 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 39.71 dBV/m	Grid 2 M3 40.41 dBV/m	Grid 3 M3 40.08 dBV/m
Grid 4 M4 39.97 dBV/m	Grid 5 M3 40.38 dBV/m	Grid 6 M4 39.89 dBV/m
Grid 7 M3 40.08 dBV/m	Grid 8 M3 40.31 dBV/m	Grid 9 M4 39.35 dBV/m

Cursor:

Total = 40.41 dBV/m

E Category: M3

Location: -3, -19.5, 8.7 mm



0 dB = 104.8 V/m = 40.41 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 : 23.2 °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)

Ch189/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 = 88.36 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.37 dBV/m

Emission category: M3

MIF scaled E-field

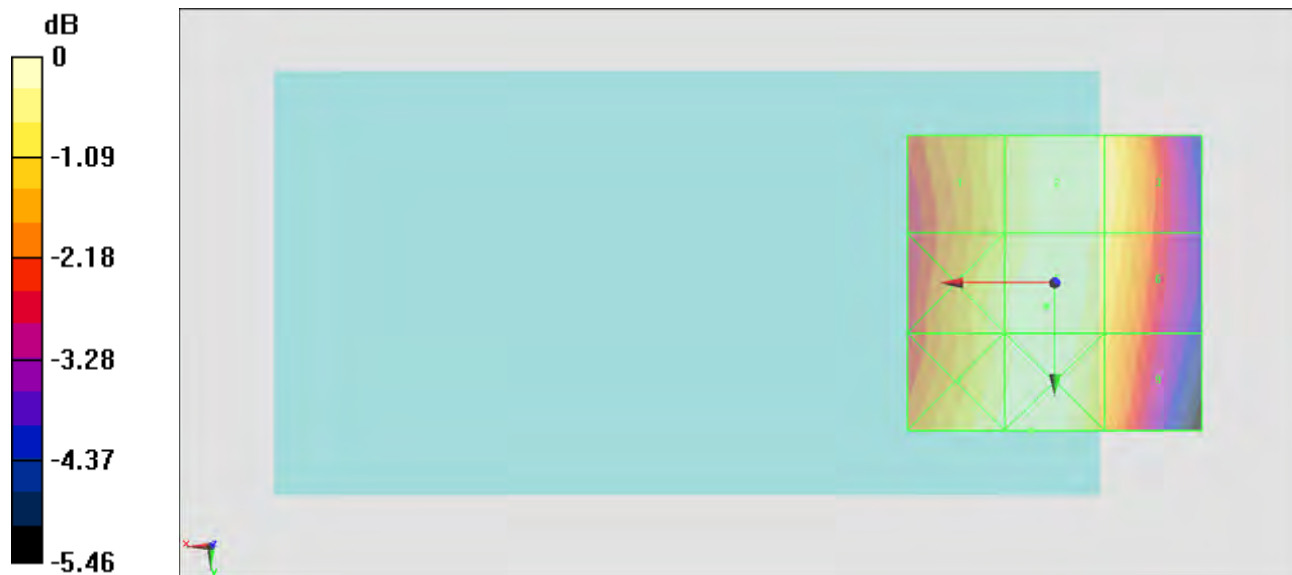
Grid 1 M4 39.65 dBV/m	Grid 2 M3 40.35 dBV/m	Grid 3 M3 40.02 dBV/m
Grid 4 M3 40.01 dBV/m	Grid 5 M3 40.37 dBV/m	Grid 6 M4 39.86 dBV/m
Grid 7 M3 40.21 dBV/m	Grid 8 M3 40.42 dBV/m	Grid 9 M4 39.49 dBV/m

Cursor:

Total = 40.42 dBV/m

E Category: M3

Location: 4, 25, 8.7 mm



#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 : 23.2 °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)

Ch251/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 = 86.65 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.30 dBV/m

Emission category: M3

MIF scaled E-field

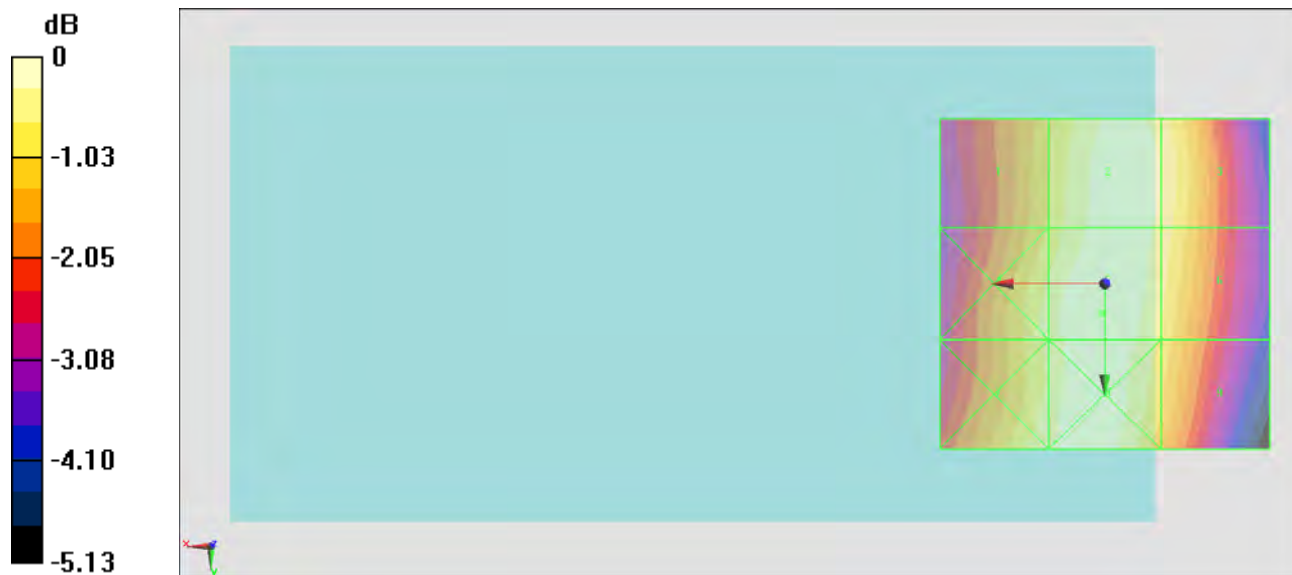
Grid 1 M4 39.34 dBV/m	Grid 2 M3 40.2 dBV/m	Grid 3 M4 39.94 dBV/m
Grid 4 M4 39.78 dBV/m	Grid 5 M3 40.3 dBV/m	Grid 6 M4 39.85 dBV/m
Grid 7 M4 39.88 dBV/m	Grid 8 M3 40.22 dBV/m	Grid 9 M4 39.54 dBV/m

Cursor:

Total = 40.30 dBV/m

E Category: M3

Location: 0.5, 4.5, 8.7 mm



0 dB = 103.5 V/m = 40.30 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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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)

Ch512/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 = 31.35 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.23 dBV/m

Emission category: M3

MIF scaled E-field

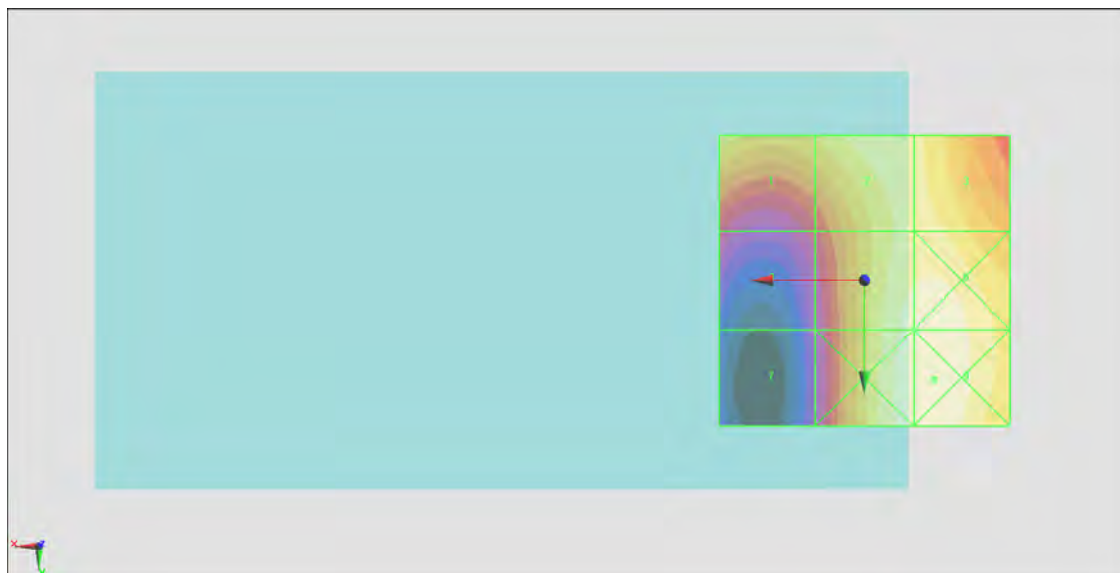
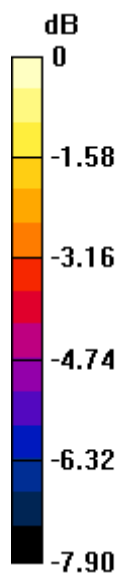
Grid 1 M3 32.34 dBV/m	Grid 2 M3 32.81 dBV/m	Grid 3 M3 32.62 dBV/m
Grid 4 M4 29.63 dBV/m	Grid 5 M3 33.23 dBV/m	Grid 6 M3 33.36 dBV/m
Grid 7 M4 28.55 dBV/m	Grid 8 M3 33.34 dBV/m	Grid 9 M3 33.47 dBV/m

Cursor:

Total = 33.47 dBV/m

E Category: M3

Location: -12, 17, 8.7 mm



0 dB = 47.16 V/m = 33.47 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 : 23.2 °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)

Ch661/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 = 32.10 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.85 dBV/m

Emission category: M3

MIF scaled E-field

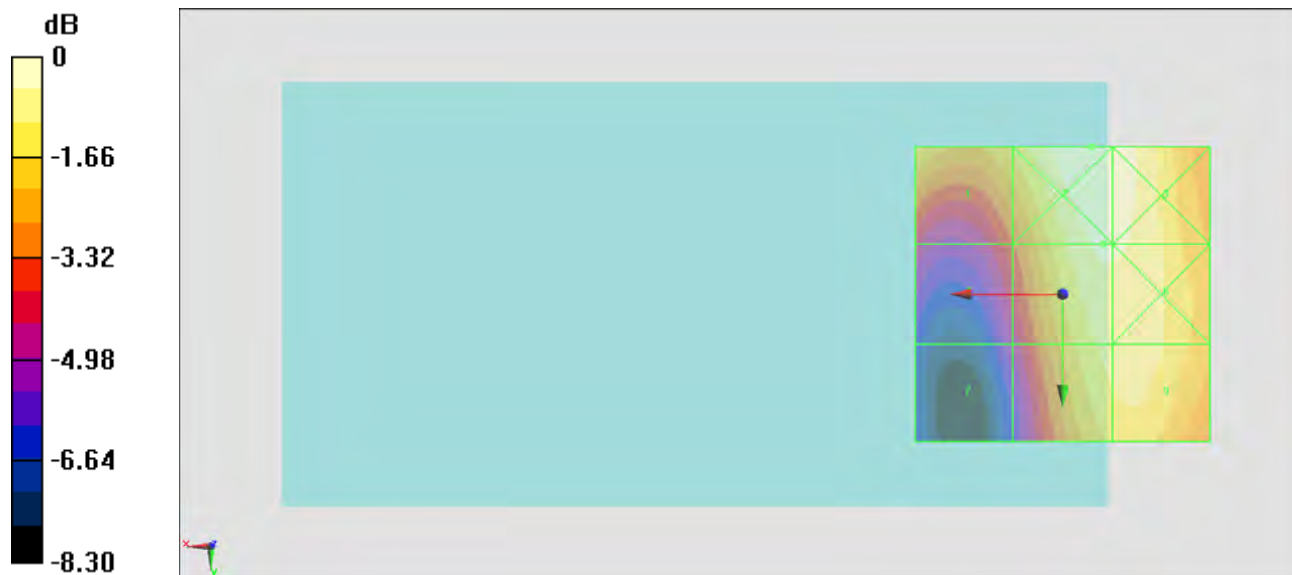
Grid 1 M3 31.89 dBV/m	Grid 2 M3 33.31 dBV/m	Grid 3 M3 33.18 dBV/m
Grid 4 M4 29.93 dBV/m	Grid 5 M3 32.85 dBV/m	Grid 6 M3 32.83 dBV/m
Grid 7 M4 28.39 dBV/m	Grid 8 M3 32.44 dBV/m	Grid 9 M3 32.53 dBV/m

Cursor:

Total = 33.31 dBV/m

E Category: M3

Location: -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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °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)

Ch810/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 = 27.28 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.68 dBV/m

Emission category: M3

MIF scaled E-field

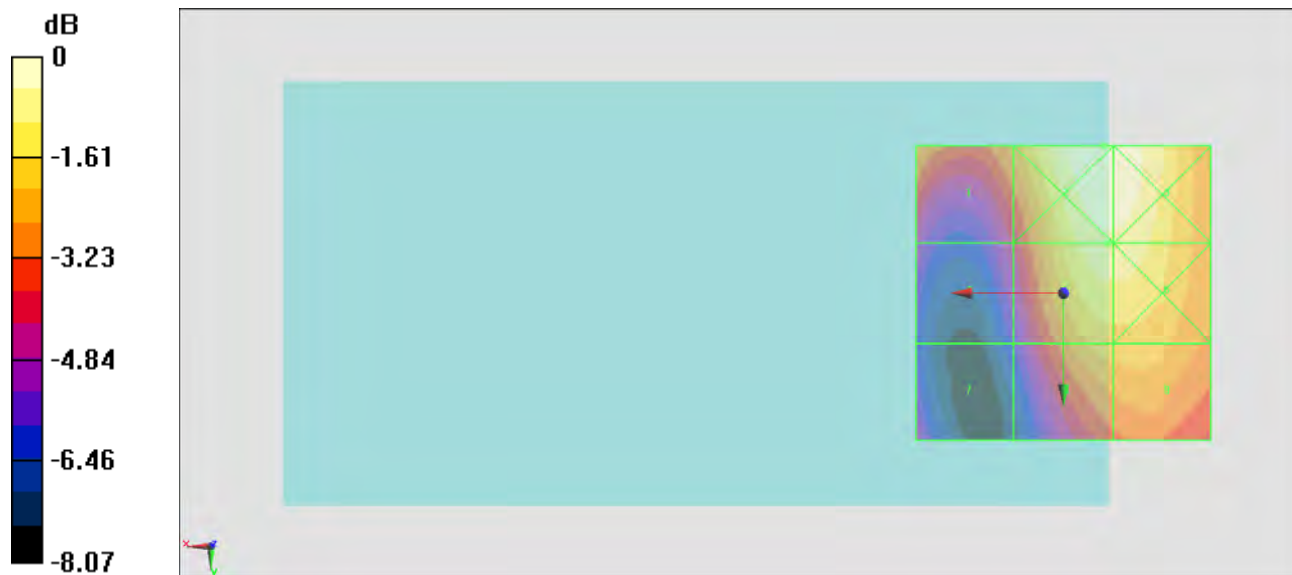
Grid 1 M3 30.15 dBV/m	Grid 2 M3 32.33 dBV/m	Grid 3 M3 32.3 dBV/m
Grid 4 M4 28.13 dBV/m	Grid 5 M3 31.68 dBV/m	Grid 6 M3 31.67 dBV/m
Grid 7 M4 27.55 dBV/m	Grid 8 M3 30.46 dBV/m	Grid 9 M3 30.51 dBV/m

Cursor:

Total = 32.33 dBV/m

E Category: M3

Location: -7, -25, 8.7 mm



0 dB = 41.35 V/m = 32.33 dBV/m