

#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: 2015/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2015/7/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 48.36 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.08 dBV/m

Emission category: M4

MIF scaled E-field

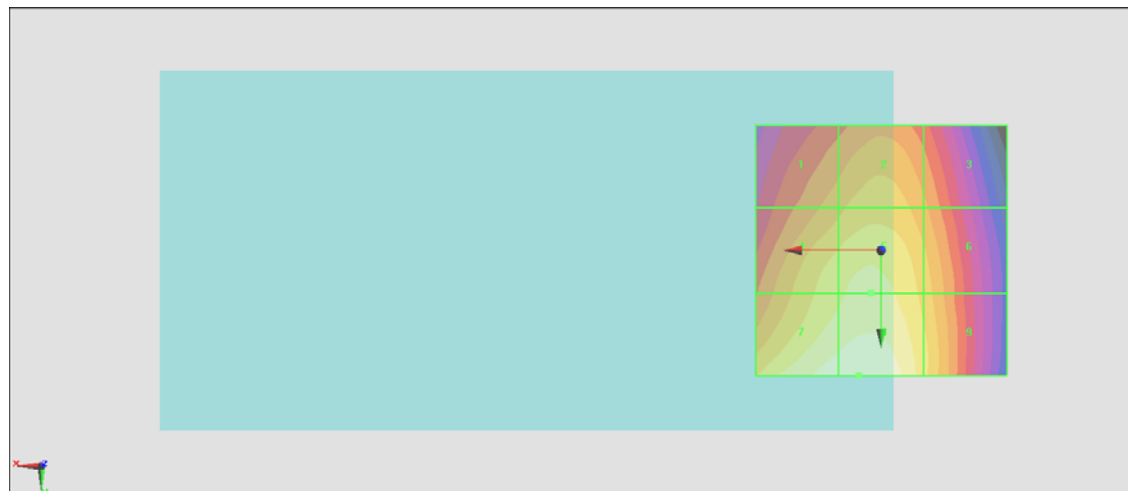
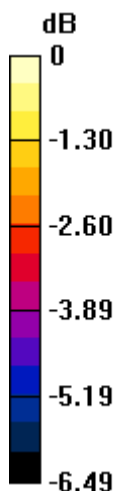
Grid 1 M4 34.24 dBV/m	Grid 2 M4 34.66 dBV/m	Grid 3 M4 34.05 dBV/m
Grid 4 M4 35.13 dBV/m	Grid 5 M4 35.36 dBV/m	Grid 6 M4 34.63 dBV/m
Grid 7 M4 35.97 dBV/m	Grid 8 M4 36.08 dBV/m	Grid 9 M4 34.95 dBV/m

Cursor:

Total = 36.08 dBV/m

E Category: M4

Location: 4.5, 25, 8.7 mm



0 dB = 63.71 V/m = 36.08 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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2015/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2015/7/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 47.22 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.00 dBV/m

Emission category: M4

MIF scaled E-field

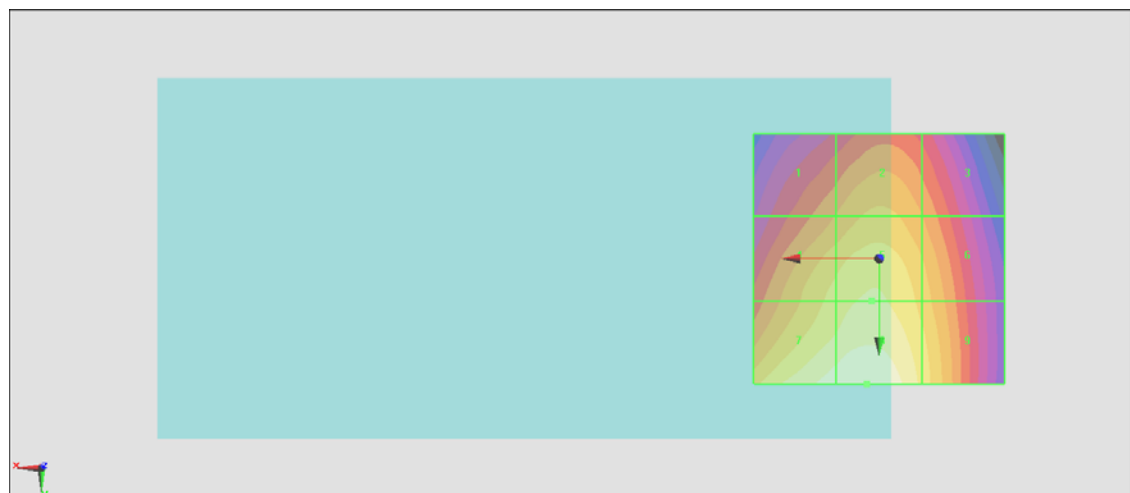
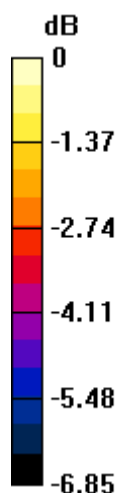
Grid 1 M4 33.76 dBV/m	Grid 2 M4 34.3 dBV/m	Grid 3 M4 33.74 dBV/m
Grid 4 M4 34.84 dBV/m	Grid 5 M4 35.15 dBV/m	Grid 6 M4 34.47 dBV/m
Grid 7 M4 35.8 dBV/m	Grid 8 M4 36 dBV/m	Grid 9 M4 34.95 dBV/m

Cursor:

Total = 36.00 dBV/m

E Category: M4

Location: 2.5, 25, 8.7 mm



0 dB = 63.06 V/m = 36.00 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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2015/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2015/7/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 45.62 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.72 dBV/m

Emission category: M4

MIF scaled E-field

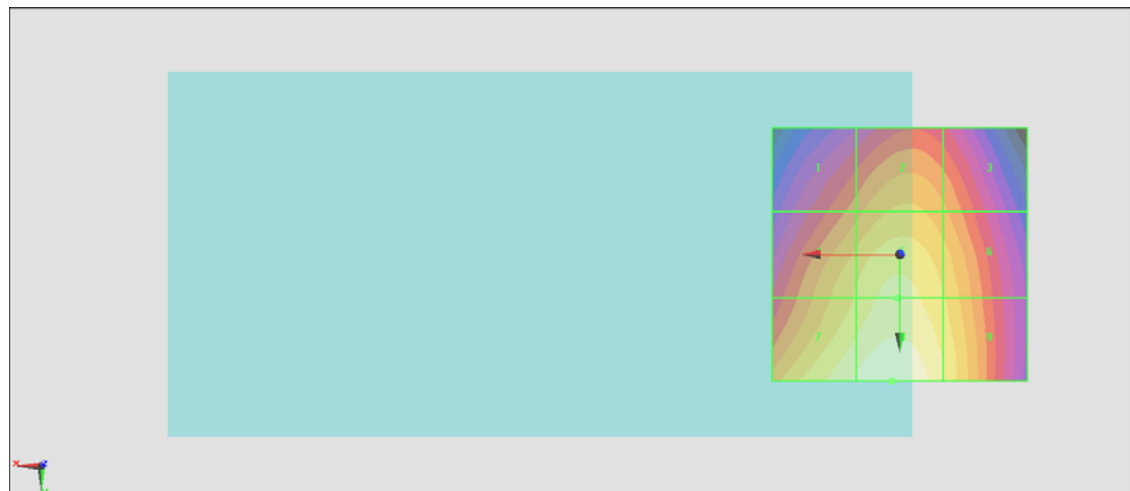
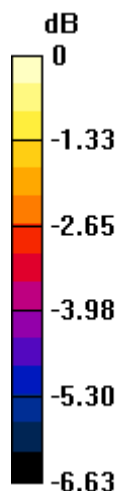
Grid 1 M4 33.35 dBV/m	Grid 2 M4 34.06 dBV/m	Grid 3 M4 33.64 dBV/m
Grid 4 M4 34.47 dBV/m	Grid 5 M4 34.97 dBV/m	Grid 6 M4 34.44 dBV/m
Grid 7 M4 35.38 dBV/m	Grid 8 M4 35.72 dBV/m	Grid 9 M4 34.87 dBV/m

Cursor:

Total = 35.72 dBV/m

E Category: M4

Location: 1.5, 25, 8.7 mm



0 dB = 61.09 V/m = 35.72 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: 2015/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2015/7/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 16.85 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.21 dBV/m

Emission category: M4

MIF scaled E-field

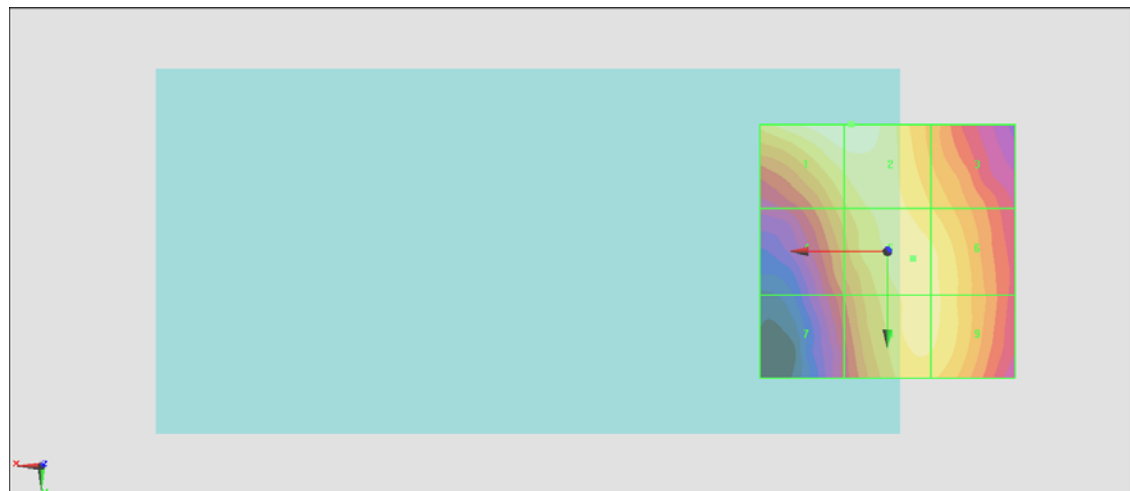
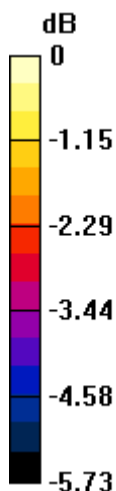
Grid 1 M4 27.19 dBV/m	Grid 2 M4 27.21 dBV/m	Grid 3 M4 26.1 dBV/m
Grid 4 M4 25.97 dBV/m	Grid 5 M4 26.65 dBV/m	Grid 6 M4 26.56 dBV/m
Grid 7 M4 24.99 dBV/m	Grid 8 M4 26.65 dBV/m	Grid 9 M4 26.57 dBV/m

Cursor:

Total = 27.21 dBV/m

E Category: M4

Location: 7, -25, 8.7 mm



0 dB = 22.95 V/m = 27.22 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: 2015/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2015/7/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 17.86 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.62 dBV/m

Emission category: M4

MIF scaled E-field

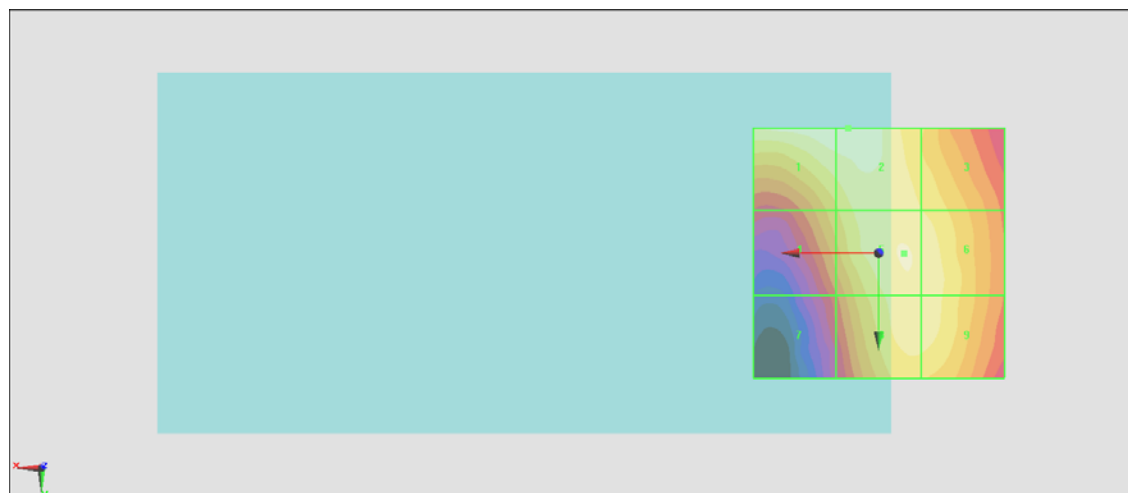
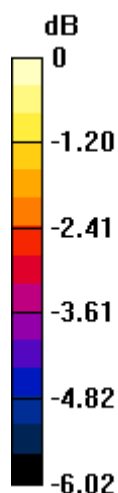
Grid 1 M4 27.56 dBV/m	Grid 2 M4 27.62 dBV/m	Grid 3 M4 26.84 dBV/m
Grid 4 M4 26.34 dBV/m	Grid 5 M4 27.24 dBV/m	Grid 6 M4 27.15 dBV/m
Grid 7 M4 25.16 dBV/m	Grid 8 M4 27.13 dBV/m	Grid 9 M4 27.11 dBV/m

Cursor:

Total = 27.62 dBV/m

E Category: M4

Location: 6, -25, 8.7 mm



0 dB = 24.05 V/m = 27.62 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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2015/1/26;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2015/7/21
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 17.61 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.53 dBV/m

Emission category: M4

MIF scaled E-field

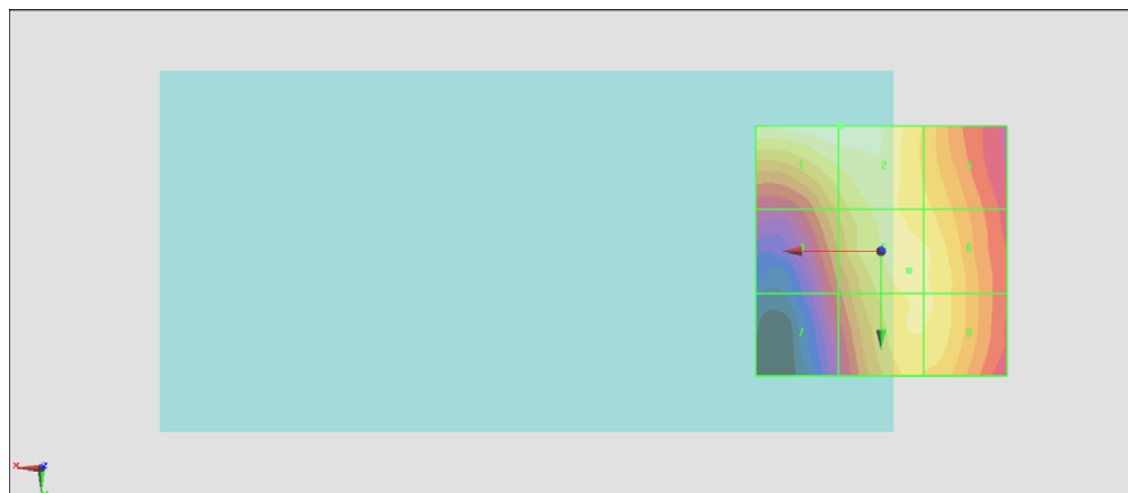
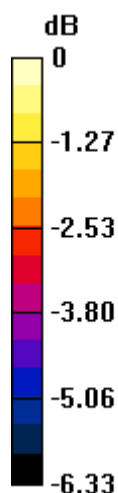
Grid 1 M4 27.53 dBV/m	Grid 2 M4 27.53 dBV/m	Grid 3 M4 26.4 dBV/m
Grid 4 M4 25.97 dBV/m	Grid 5 M4 26.83 dBV/m	Grid 6 M4 26.77 dBV/m
Grid 7 M4 24.85 dBV/m	Grid 8 M4 26.76 dBV/m	Grid 9 M4 26.76 dBV/m

Cursor:

Total = 27.53 dBV/m

E Category: M4

Location: 8, -25, 8.7 mm



0 dB = 23.79 V/m = 27.53 dBV/m