

#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 : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 55.99 V/m; Power Drift = 0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.40 dBV/m

Emission category: M4

MIF scaled E-field

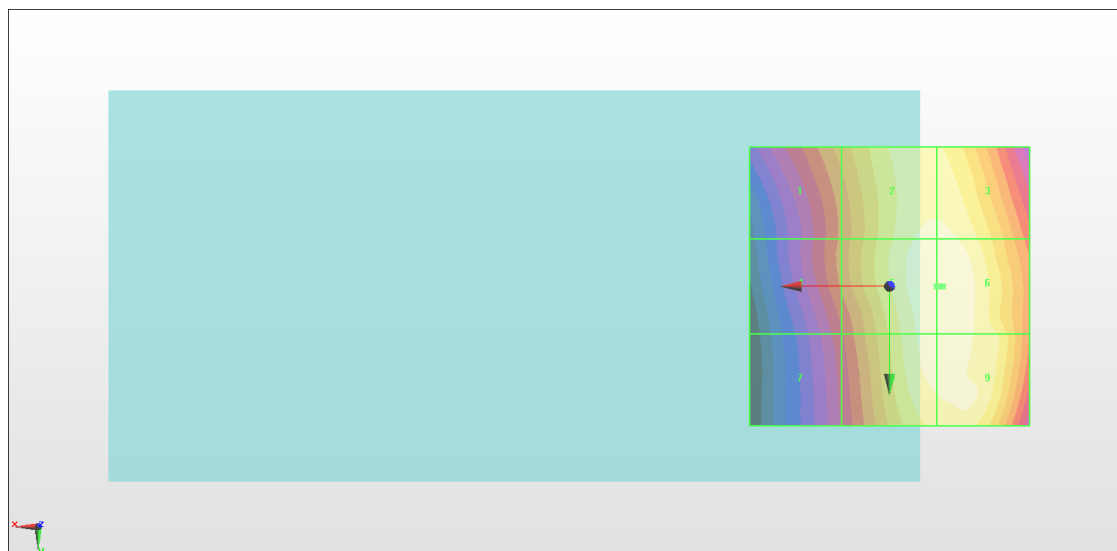
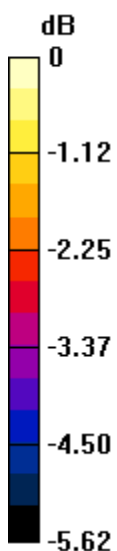
Grid 1 M4 35.74 dBV/m	Grid 2 M4 37.17 dBV/m	Grid 3 M4 37.17 dBV/m
Grid 4 M4 35.35 dBV/m	Grid 5 M4 37.4 dBV/m	Grid 6 M4 37.4 dBV/m
Grid 7 M4 34.76 dBV/m	Grid 8 M4 37.28 dBV/m	Grid 9 M4 37.3 dBV/m

Cursor:

Total = 37.40 dBV/m

E Category: M4

Location: -9.5, 0, 8.7 mm



0 dB = 74.15 V/m = 37.40 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 : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 52.47 V/m; Power Drift = 0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.89 dBV/m

Emission category: M4

MIF scaled E-field

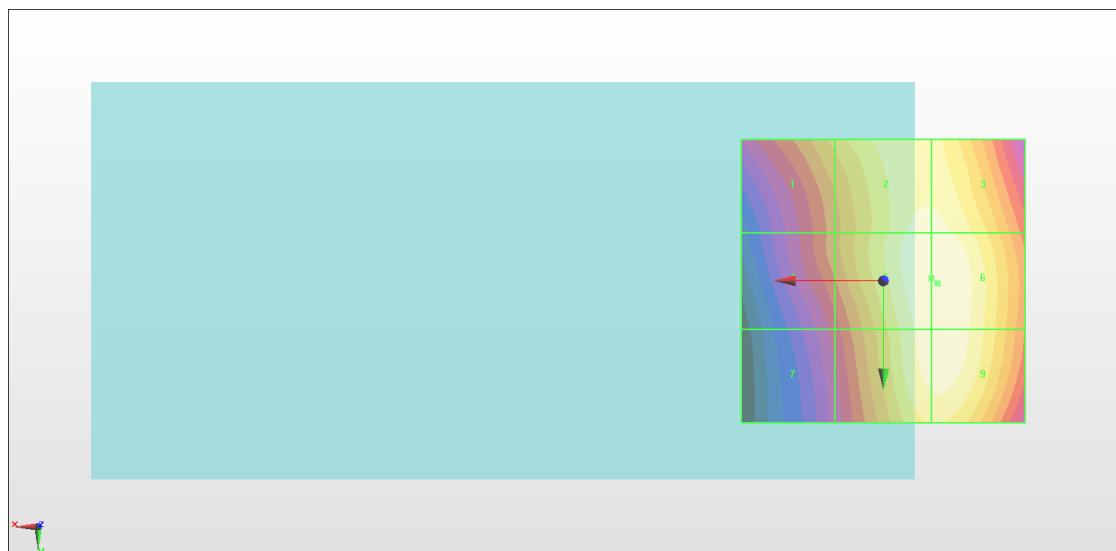
Grid 1 M4 35.56 dBV/m	Grid 2 M4 36.68 dBV/m	Grid 3 M4 36.68 dBV/m
Grid 4 M4 34.92 dBV/m	Grid 5 M4 36.88 dBV/m	Grid 6 M4 36.89 dBV/m
Grid 7 M4 34.12 dBV/m	Grid 8 M4 36.76 dBV/m	Grid 9 M4 36.79 dBV/m

Cursor:

Total = 36.89 dBV/m

E Category: M4

Location: -9.5, 0.5, 8.7 mm



0 dB = 69.89 V/m = 36.89 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 : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 47.11 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.25 dBV/m

Emission category: M4

MIF scaled E-field

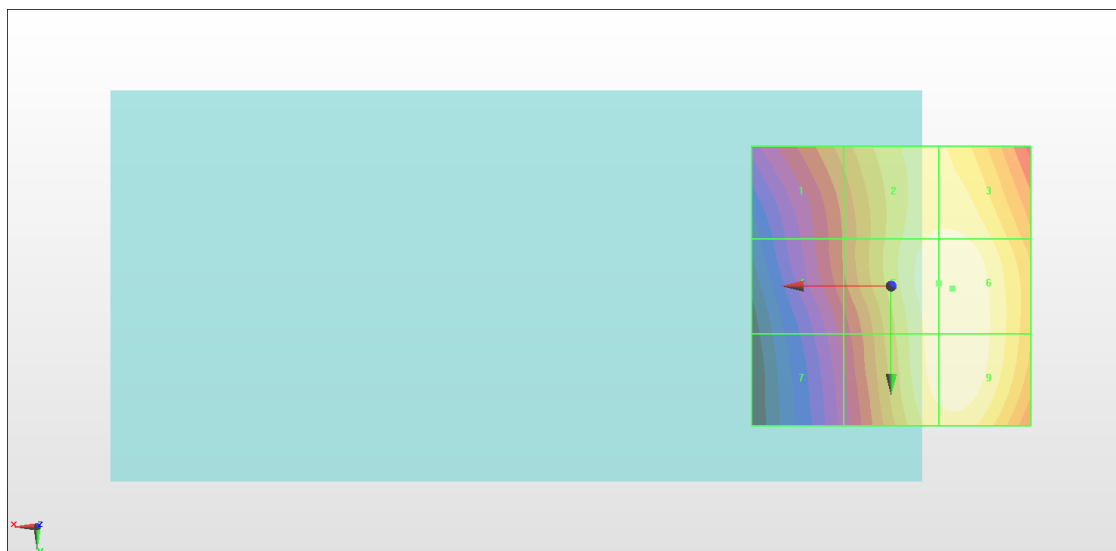
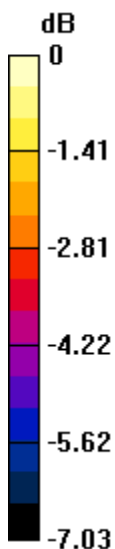
Grid 1 M4 34.17 dBV/m	Grid 2 M4 35.88 dBV/m	Grid 3 M4 35.89 dBV/m
Grid 4 M4 33.51 dBV/m	Grid 5 M4 36.18 dBV/m	Grid 6 M4 36.25 dBV/m
Grid 7 M4 32.71 dBV/m	Grid 8 M4 36.07 dBV/m	Grid 9 M4 36.2 dBV/m

Cursor:

Total = 36.25 dBV/m

E Category: M4

Location: -11, 0.5, 8.7 mm



0 dB = 64.94 V/m = 36.25 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 : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 16.47 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.21 dBV/m

Emission category: M4

MIF scaled E-field

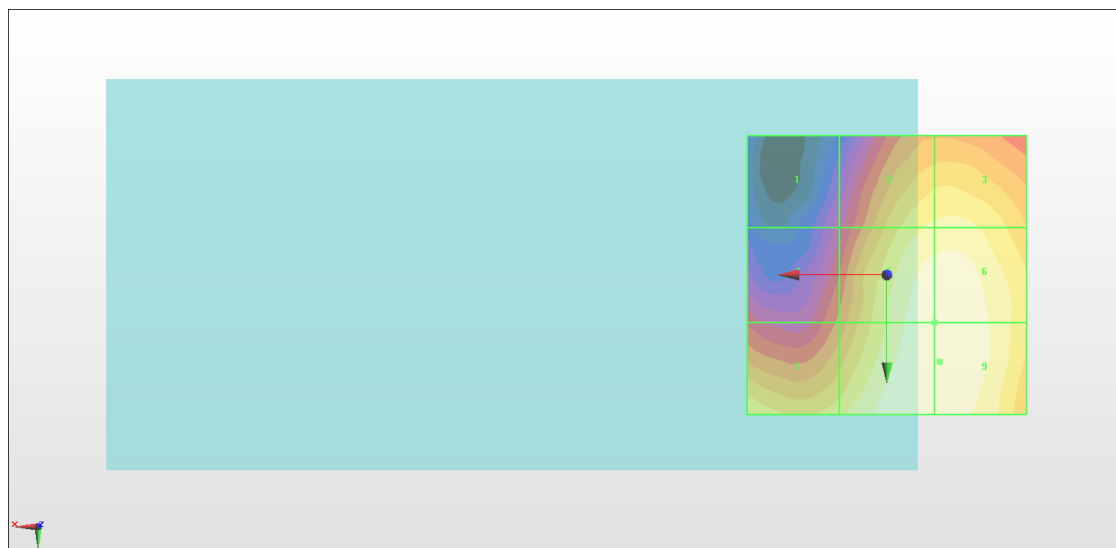
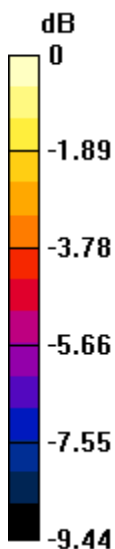
Grid 1 M4 21.97 dBV/m	Grid 2 M4 26.11 dBV/m	Grid 3 M4 26.19 dBV/m
Grid 4 M4 23.66 dBV/m	Grid 5 M4 27.08 dBV/m	Grid 6 M4 27.11 dBV/m
Grid 7 M4 25.99 dBV/m	Grid 8 M4 27.2 dBV/m	Grid 9 M4 27.21 dBV/m

Cursor:

Total = 27.21 dBV/m

E Category: M4

Location: -9.5, 15.5, 8.7 mm



0 dB = 22.94 V/m = 27.21 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 : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 15.97 V/m; Power Drift = -0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.83 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 22.15 dBV/m	Grid 2 M4 25.85 dBV/m	Grid 3 M4 25.88 dBV/m
Grid 4 M4 23.61 dBV/m	Grid 5 M4 26.74 dBV/m	Grid 6 M4 26.74 dBV/m
Grid 7 M4 25.15 dBV/m	Grid 8 M4 26.83 dBV/m	Grid 9 M4 26.8 dBV/m

Cursor:

Total = 26.83 dBV/m

E Category: M4

Location: -7, 15.5, 8.7 mm



0 dB = 21.95 V/m = 26.83 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 : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 15.05 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.32 dBV/m

Emission category: M4

MIF scaled E-field

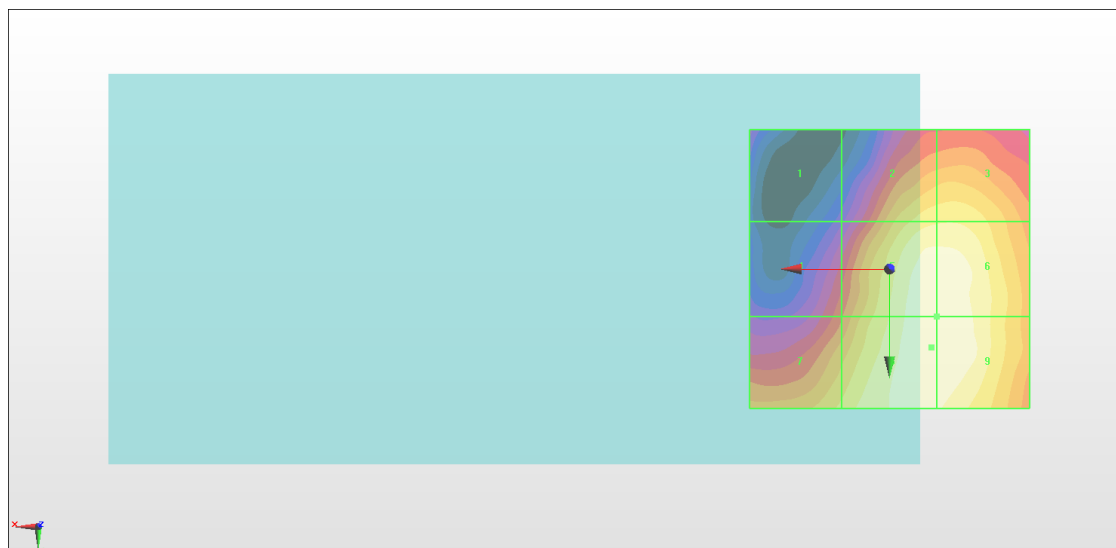
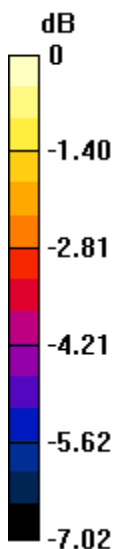
Grid 1 M4 21.96 dBV/m	Grid 2 M4 25.33 dBV/m	Grid 3 M4 25.36 dBV/m
Grid 4 M4 23.48 dBV/m	Grid 5 M4 26.27 dBV/m	Grid 6 M4 26.27 dBV/m
Grid 7 M4 25.06 dBV/m	Grid 8 M4 26.32 dBV/m	Grid 9 M4 26.31 dBV/m

Cursor:

Total = 26.32 dBV/m

E Category: M4

Location: -7.5, 14, 8.7 mm



0 dB = 20.70 V/m = 26.32 dBV/m