

#01_HAC_E_GSM850_GSM Voice_Ch128

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 48.57 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.17 dBV/m

Emission category: M4

MIF scaled E-field

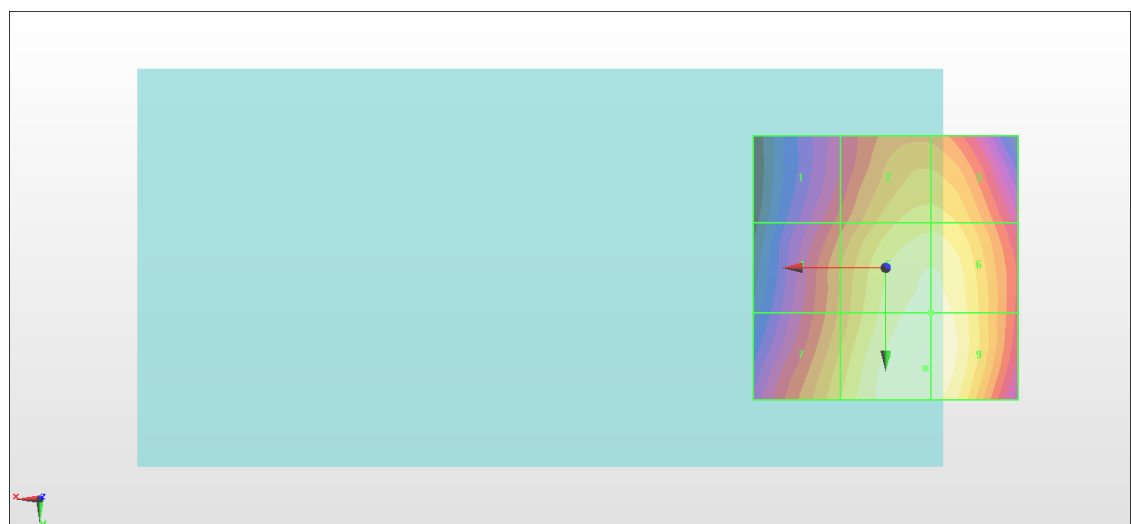
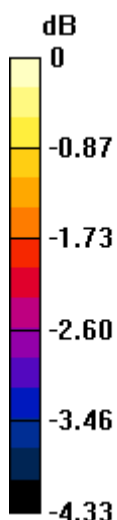
Grid 1 M4 34.31 dBV/m	Grid 2 M4 35.49 dBV/m	Grid 3 M4 35.49 dBV/m
Grid 4 M4 34.81 dBV/m	Grid 5 M4 36.03 dBV/m	Grid 6 M4 36.03 dBV/m
Grid 7 M4 35.31 dBV/m	Grid 8 M4 36.17 dBV/m	Grid 9 M4 36.16 dBV/m

Cursor:

Total = 36.17 dBV/m

E Category: M4

Location: -7.5, 19, 8.7 mm



0 dB = 64.31 V/m = 36.17 dBV/m

#02_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 56.73 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.46 dBV/m

Emission category: M4

MIF scaled E-field

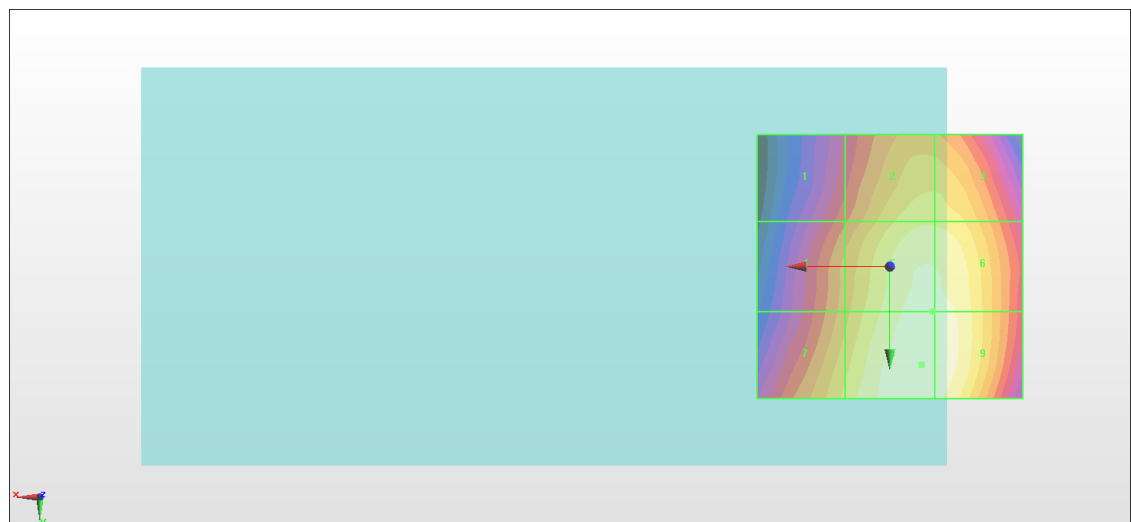
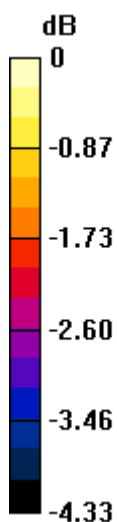
Grid 1 M4 35.69 dBV/m	Grid 2 M4 36.84 dBV/m	Grid 3 M4 36.83 dBV/m
Grid 4 M4 36.2 dBV/m	Grid 5 M4 37.34 dBV/m	Grid 6 M4 37.34 dBV/m
Grid 7 M4 36.68 dBV/m	Grid 8 M4 37.46 dBV/m	Grid 9 M4 37.44 dBV/m

Cursor:

Total = 37.46 dBV/m

E Category: M4

Location: -6, 18.5, 8.7 mm



0 dB = 74.68 V/m = 37.46 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 58.56 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.95 dBV/m

Emission category: M4

MIF scaled E-field

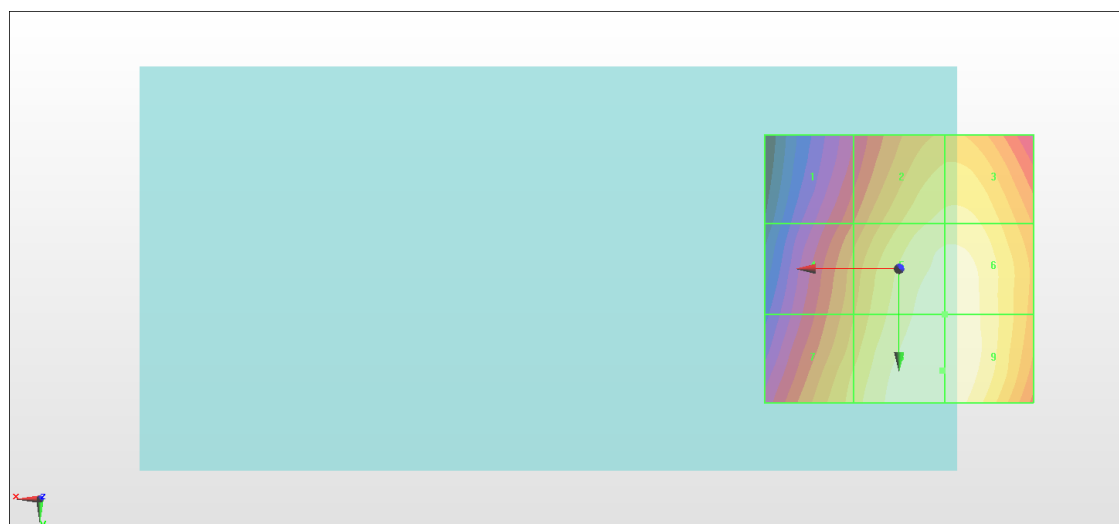
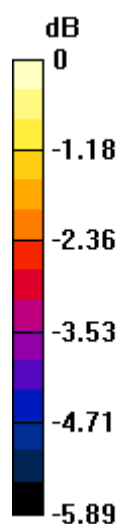
Grid 1 M4 35.61 dBV/m	Grid 2 M4 37.33 dBV/m	Grid 3 M4 37.34 dBV/m
Grid 4 M4 36.35 dBV/m	Grid 5 M4 37.83 dBV/m	Grid 6 M4 37.84 dBV/m
Grid 7 M4 36.96 dBV/m	Grid 8 M4 37.95 dBV/m	Grid 9 M4 37.95 dBV/m

Cursor:

Total = 37.95 dBV/m

E Category: M4

Location: -8, 19, 8.7 mm



0 dB = 79.00 V/m = 37.95 dBV/m

#04_HAC_E_GSM1900_GSM Voice_Ch512

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 9.220 V/m; Power Drift = 0.16 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.14 dBV/m

Emission category: M3

MIF scaled E-field

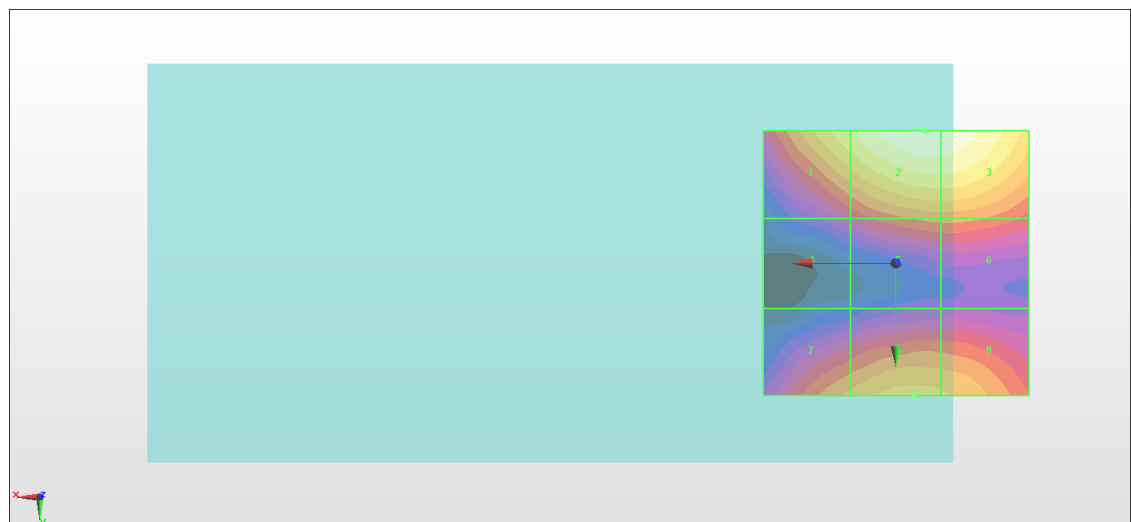
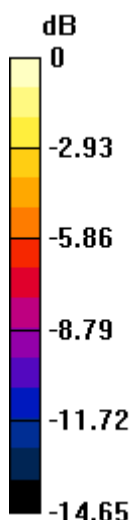
Grid 1 M3 30.29 dBV/m	Grid 2 M3 32.14 dBV/m	Grid 3 M3 32.06 dBV/m
Grid 4 M4 24.27 dBV/m	Grid 5 M4 26.71 dBV/m	Grid 6 M4 26.72 dBV/m
Grid 7 M4 27.61 dBV/m	Grid 8 M4 28.63 dBV/m	Grid 9 M4 28.45 dBV/m

Cursor:

Total = 32.14 dBV/m

E Category: M3

Location: -5.5, -25, 8.7 mm



0 dB = 40.46 V/m = 32.14 dBV/m

#05_HAC_E_GSM1900_GSM Voice_Ch661

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 13.71 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.57 dBV/m

Emission category: M3

MIF scaled E-field

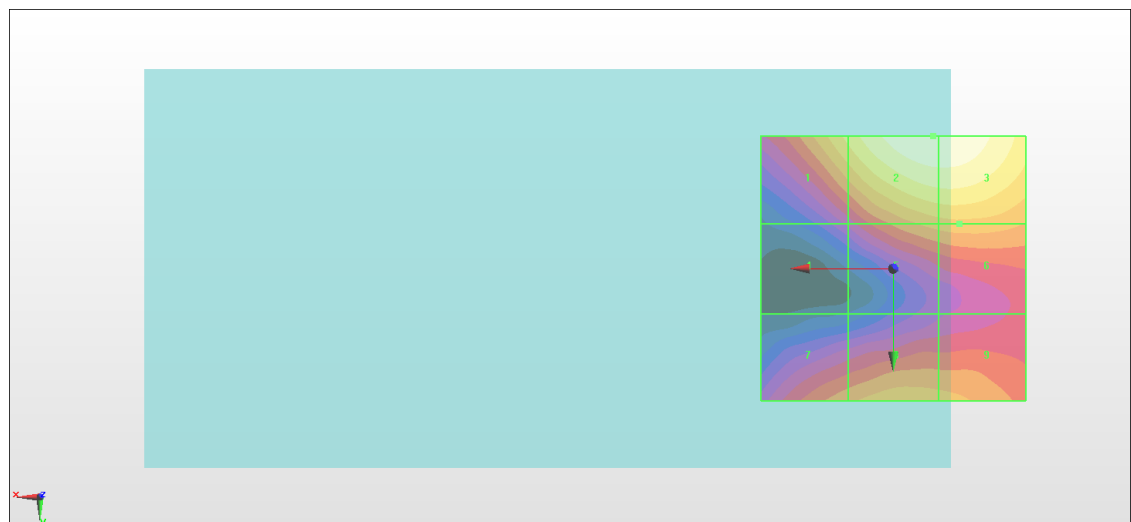
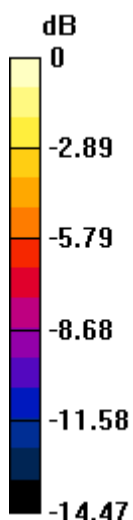
Grid 1 M3 30.02 dBV/m	Grid 2 M3 32.57 dBV/m	Grid 3 M3 32.56 dBV/m
Grid 4 M4 24.25 dBV/m	Grid 5 M4 28.25 dBV/m	Grid 6 M4 28.44 dBV/m
Grid 7 M4 27.53 dBV/m	Grid 8 M4 28.36 dBV/m	Grid 9 M4 28.18 dBV/m

Cursor:

Total = 32.57 dBV/m

E Category: M3

Location: -7.5, -25, 8.7 mm



0 dB = 42.49 V/m = 32.57 dBV/m

#06_HAC_E_GSM1900_GSM Voice_Ch810

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 13.83 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.33 dBV/m

Emission category: M3

MIF scaled E-field

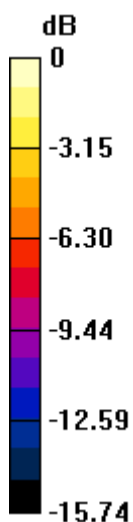
Grid 1 M3 31.11 dBV/m	Grid 2 M3 33.33 dBV/m	Grid 3 M3 33.31 dBV/m
Grid 4 M4 26.27 dBV/m	Grid 5 M4 29.52 dBV/m	Grid 6 M4 29.59 dBV/m
Grid 7 M4 25.78 dBV/m	Grid 8 M4 26.38 dBV/m	Grid 9 M4 26.21 dBV/m

Cursor:

Total = 33.33 dBV/m

E Category: M3

Location: -6.5, -25, 8.7 mm



0 dB = 46.41 V/m = 33.33 dBV/m