

#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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 = 53.06 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.16 dBV/m

Emission category: M4

MIF scaled E-field

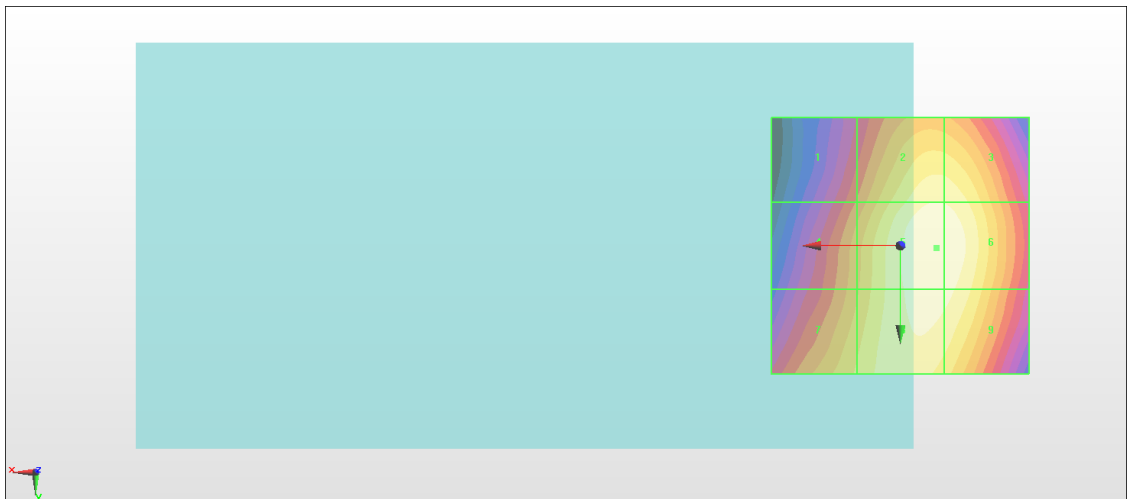
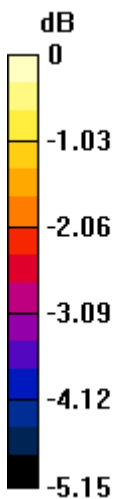
Grid 1 M4 34.15 dBV/m	Grid 2 M4 35.82 dBV/m	Grid 3 M4 35.8 dBV/m
Grid 4 M4 34.72 dBV/m	Grid 5 M4 36.16 dBV/m	Grid 6 M4 36.14 dBV/m
Grid 7 M4 35.19 dBV/m	Grid 8 M4 36.01 dBV/m	Grid 9 M4 35.95 dBV/m

Cursor:

Total = 36.16 dBV/m

E Category: M4

Location: -7, 0.5, 8.7 mm



0 dB = 64.25 V/m = 36.16 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 : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 = 59.88 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.92 dBV/m

Emission category: M4

MIF scaled E-field

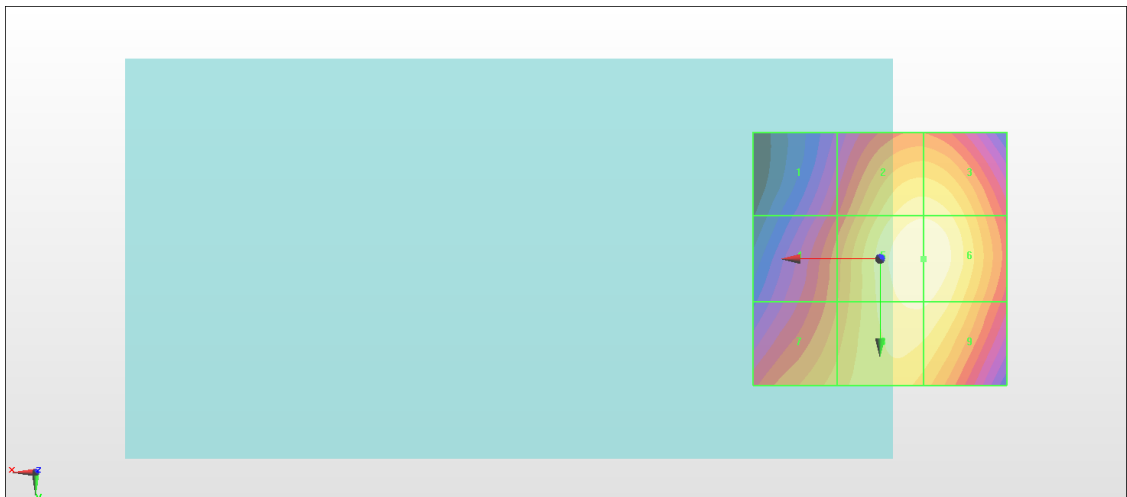
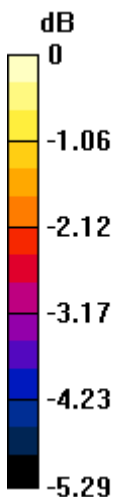
Grid 1 M4 34.44 dBV/m	Grid 2 M4 36.53 dBV/m	Grid 3 M4 36.53 dBV/m
Grid 4 M4 35.13 dBV/m	Grid 5 M4 36.92 dBV/m	Grid 6 M4 36.92 dBV/m
Grid 7 M4 35.7 dBV/m	Grid 8 M4 36.64 dBV/m	Grid 9 M4 36.62 dBV/m

Cursor:

Total = 36.92 dBV/m

E Category: M4

Location: -8.5, 0, 8.7 mm



0 dB = 70.16 V/m = 36.92 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 = 59.12 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.62 dBV/m

Emission category: M4

MIF scaled E-field

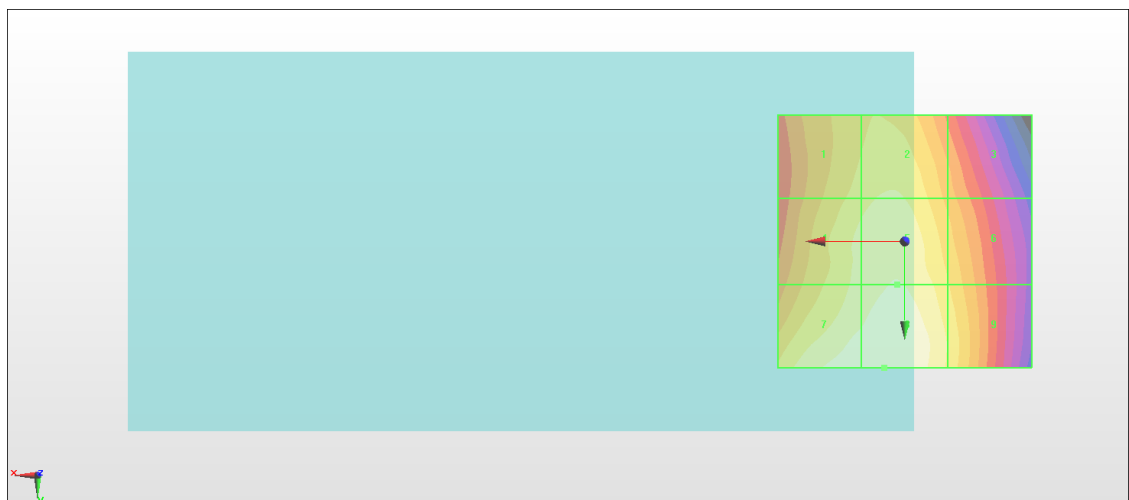
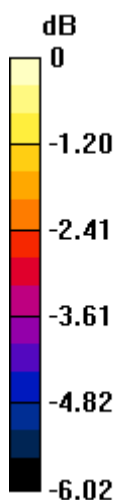
Grid 1 M4 35.65 dBV/m	Grid 2 M4 35.88 dBV/m	Grid 3 M4 34.88 dBV/m
Grid 4 M4 35.98 dBV/m	Grid 5 M4 36.24 dBV/m	Grid 6 M4 35.45 dBV/m
Grid 7 M4 36.49 dBV/m	Grid 8 M4 36.62 dBV/m	Grid 9 M4 35.79 dBV/m

Cursor:

Total = 36.62 dBV/m

E Category: M4

Location: 4, 25, 8.7 mm



0 dB = 67.76 V/m = 36.62 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 : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 = 10.75 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.44 dBV/m

Emission category: M3

MIF scaled E-field

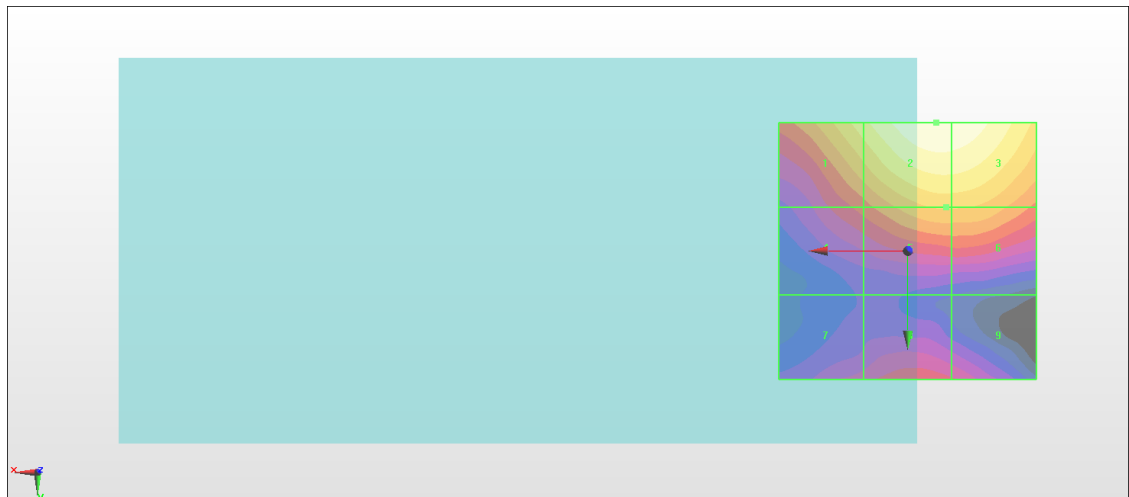
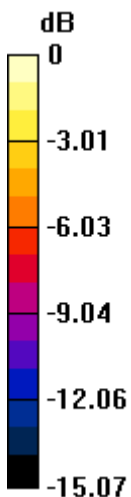
Grid 1 M4 28.16 dBV/m	Grid 2 M3 30.44 dBV/m	Grid 3 M3 30.32 dBV/m
Grid 4 M4 23.97 dBV/m	Grid 5 M4 26.56 dBV/m	Grid 6 M4 26.54 dBV/m
Grid 7 M4 22.03 dBV/m	Grid 8 M4 23.17 dBV/m	Grid 9 M4 22.62 dBV/m

Cursor:

Total = 30.44 dBV/m

E Category: M3

Location: -5.5, -25, 8.7 mm



0 dB = 33.28 V/m = 30.44 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 : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 = 11.19 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.75 dBV/m

Emission category: M4

MIF scaled E-field

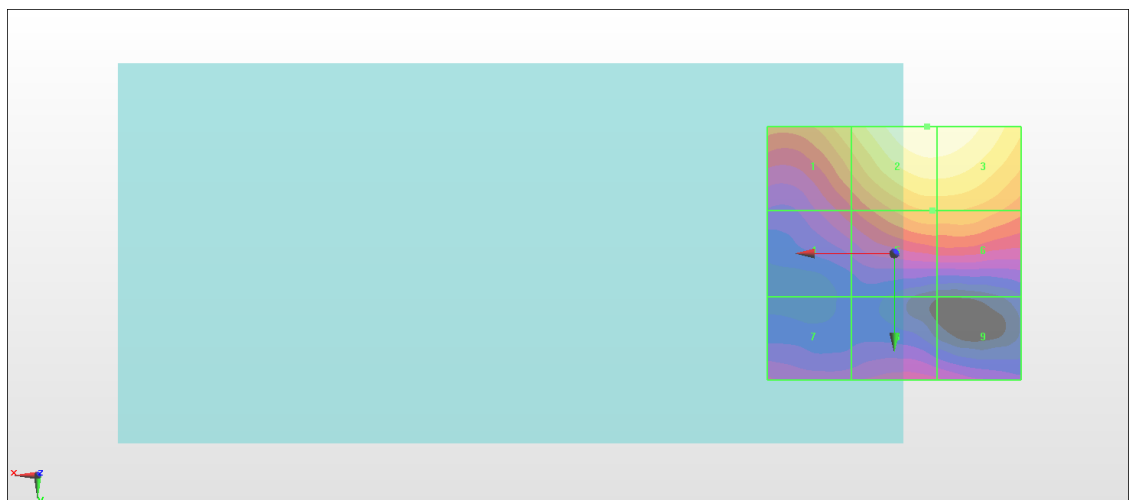
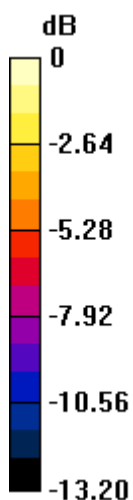
Grid 1 M4 27.24 dBV/m	Grid 2 M4 29.75 dBV/m	Grid 3 M4 29.7 dBV/m
Grid 4 M4 23.42 dBV/m	Grid 5 M4 26.26 dBV/m	Grid 6 M4 26.26 dBV/m
Grid 7 M4 22.12 dBV/m	Grid 8 M4 22.41 dBV/m	Grid 9 M4 22.08 dBV/m

Cursor:

Total = 29.75 dBV/m

E Category: M4

Location: -6.5, -25, 8.7 mm



0 dB = 30.71 V/m = 29.75 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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2017/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 = 14.73 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.93 dBV/m

Emission category: M4

MIF scaled E-field

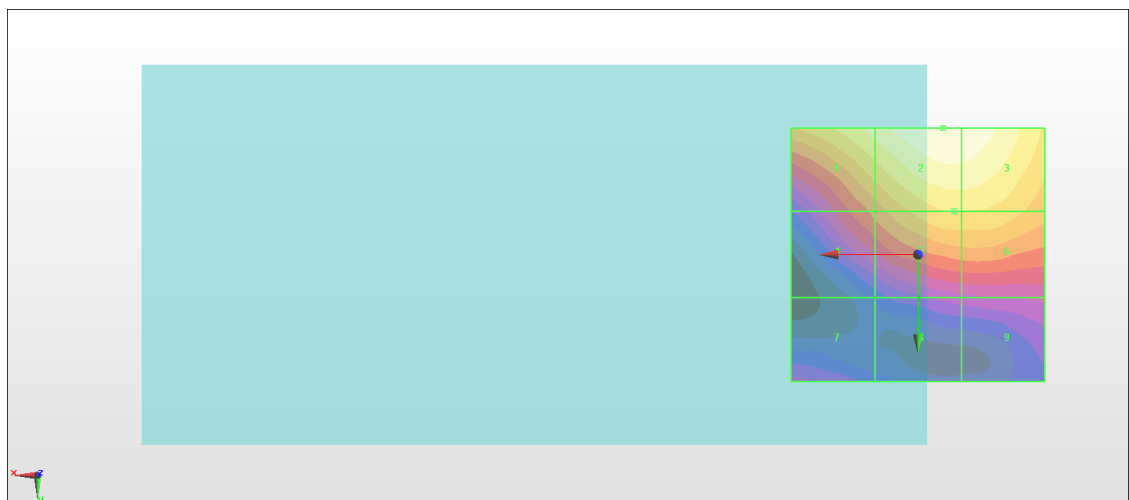
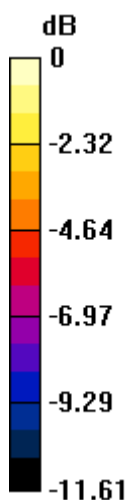
Grid 1 M4 28.78 dBV/m	Grid 2 M4 29.93 dBV/m	Grid 3 M4 29.81 dBV/m
Grid 4 M4 25.58 dBV/m	Grid 5 M4 27.63 dBV/m	Grid 6 M4 27.61 dBV/m
Grid 7 M4 22.61 dBV/m	Grid 8 M4 22.72 dBV/m	Grid 9 M4 23.18 dBV/m

Cursor:

Total = 29.93 dBV/m

E Category: M4

Location: -5, -25, 8.7 mm



0 dB = 31.36 V/m = 29.93 dBV/m