

#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 = 15.29 V/m; Power Drift = 0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.16 dBV/m

Emission category: M4

MIF scaled E-field

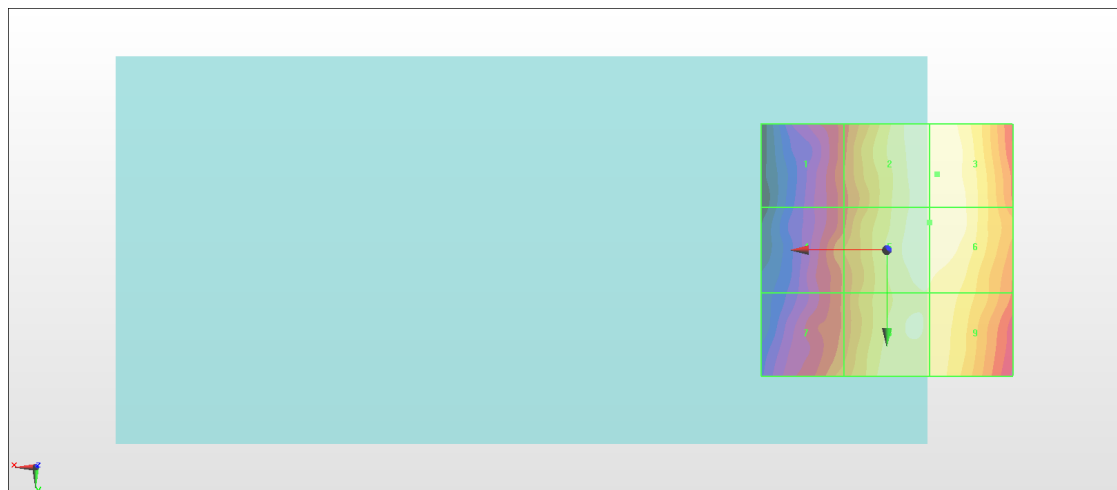
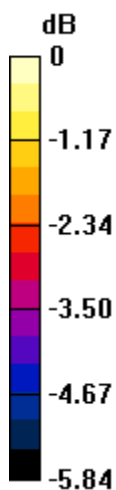
Grid 1 M4 23.81 dBV/m	Grid 2 M4 26.12 dBV/m	Grid 3 M4 26.16 dBV/m
Grid 4 M4 24.21 dBV/m	Grid 5 M4 26.07 dBV/m	Grid 6 M4 26.09 dBV/m
Grid 7 M4 24.47 dBV/m	Grid 8 M4 25.85 dBV/m	Grid 9 M4 25.76 dBV/m

Cursor:

Total = 26.16 dBV/m

E Category: M4

Location: -10, -15, 8.7 mm



0 dB = 20.32 V/m = 26.16 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 = 15.53 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.40 dBV/m

Emission category: M4

MIF scaled E-field

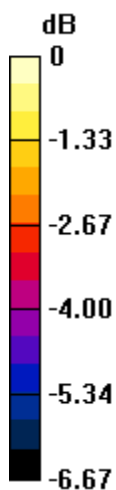
Grid 1 M4 23.43 dBV/m	Grid 2 M4 26.04 dBV/m	Grid 3 M4 26.06 dBV/m
Grid 4 M4 23.69 dBV/m	Grid 5 M4 25.98 dBV/m	Grid 6 M4 26 dBV/m
Grid 7 M4 24.44 dBV/m	Grid 8 M4 26.4 dBV/m	Grid 9 M4 26.11 dBV/m

Cursor:

Total = 26.40 dBV/m

E Category: M4

Location: -5.5, 20, 8.7 mm



0 dB = 20.89 V/m = 26.40 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 = 14.71 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.85 dBV/m

Emission category: M4

MIF scaled E-field

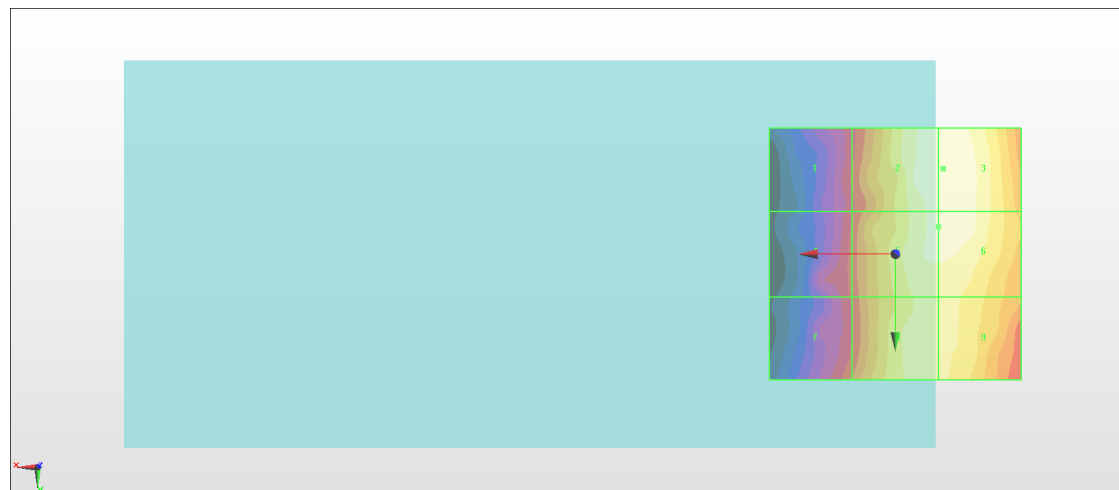
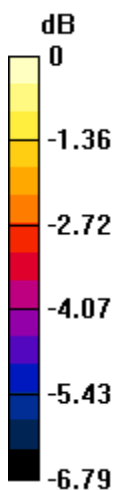
Grid 1 M4 22.8 dBV/m	Grid 2 M4 25.84 dBV/m	Grid 3 M4 25.85 dBV/m
Grid 4 M4 22.93 dBV/m	Grid 5 M4 25.63 dBV/m	Grid 6 M4 25.7 dBV/m
Grid 7 M4 23.24 dBV/m	Grid 8 M4 25.23 dBV/m	Grid 9 M4 25.22 dBV/m

Cursor:

Total = 25.85 dBV/m

E Category: M4

Location: -9.5, -17, 8.7 mm



0 dB = 19.60 V/m = 25.85 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 = 5.069 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 19.79 dBV/m

Emission category: M4

MIF scaled E-field

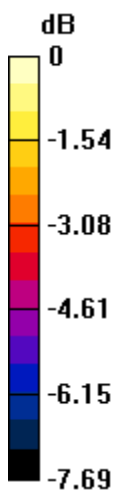
Grid 1 M4 17.59 dBV/m	Grid 2 M4 17.94 dBV/m	Grid 3 M4 16.72 dBV/m
Grid 4 M4 17.2 dBV/m	Grid 5 M4 17.47 dBV/m	Grid 6 M4 17.09 dBV/m
Grid 7 M4 17.57 dBV/m	Grid 8 M4 19.79 dBV/m	Grid 9 M4 19.38 dBV/m

Cursor:

Total = 19.79 dBV/m

E Category: M4

Location: -5.5, 15, 8.7 mm



0 dB = 9.757 V/m = 19.79 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 = 7.037 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 19.91 dBV/m

Emission category: M4

MIF scaled E-field

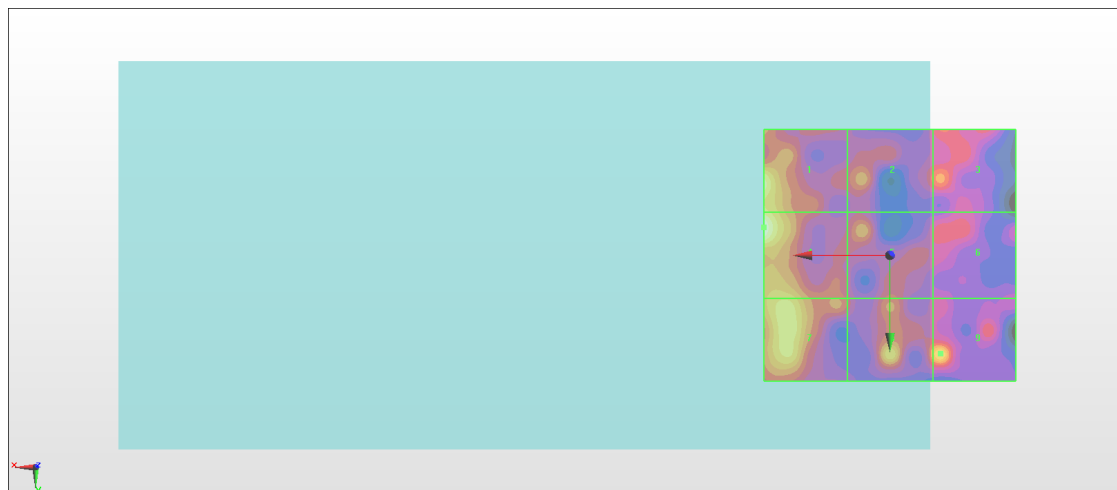
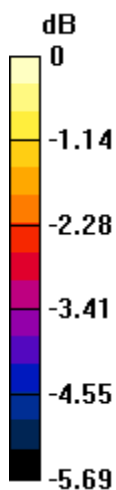
Grid 1 M4 19.36 dBV/m	Grid 2 M4 17.89 dBV/m	Grid 3 M4 17.81 dBV/m
Grid 4 M4 19.91 dBV/m	Grid 5 M4 17.94 dBV/m	Grid 6 M4 17.16 dBV/m
Grid 7 M4 19.06 dBV/m	Grid 8 M4 18.79 dBV/m	Grid 9 M4 18.88 dBV/m

Cursor:

Total = 19.91 dBV/m

E Category: M4

Location: 25, -5.5, 8.7 mm



0 dB = 9.898 V/m = 19.91 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 = 5.321 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 20.04 dBV/m

Emission category: M4

MIF scaled E-field

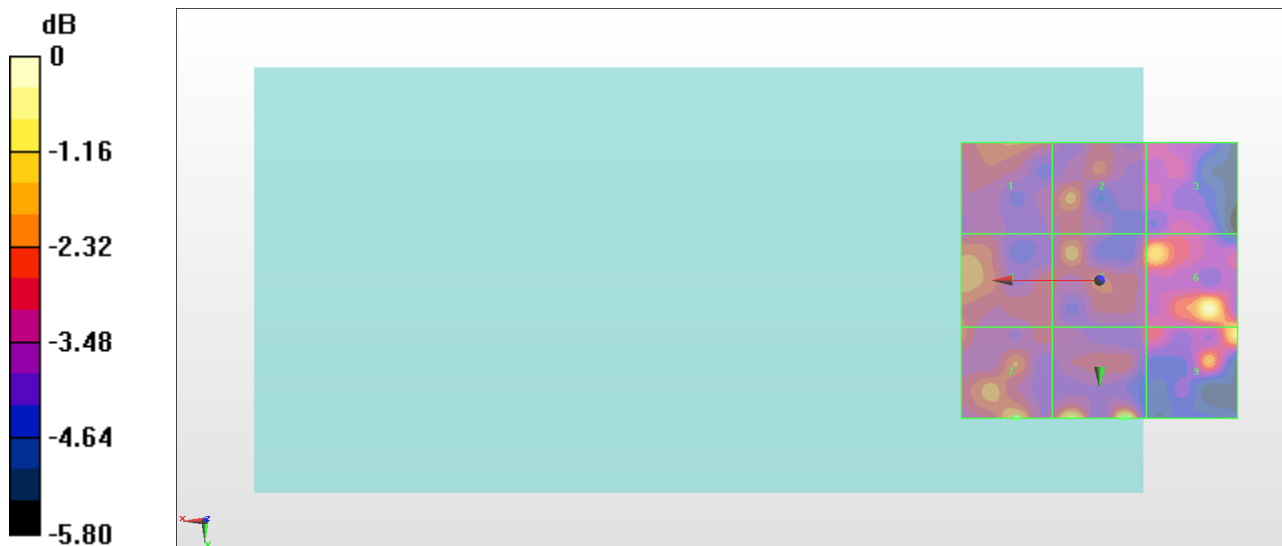
Grid 1 M4 17.85 dBV/m	Grid 2 M4 17.87 dBV/m	Grid 3 M4 16.89 dBV/m
Grid 4 M4 17.97 dBV/m	Grid 5 M4 17.98 dBV/m	Grid 6 M4 19.8 dBV/m
Grid 7 M4 18.57 dBV/m	Grid 8 M4 20.04 dBV/m	Grid 9 M4 19.36 dBV/m

Cursor:

Total = 20.04 dBV/m

E Category: M4

Location: -4.5, 25, 8.7 mm



0 dB = 10.05 V/m = 20.04 dBV/m