

#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: 2014/7/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 68.73 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.06 dBV/m

Emission category: M4

MIF scaled E-field

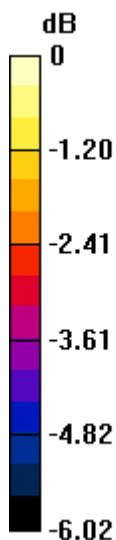
Grid 1 M4 38.02 dBV/m	Grid 2 M4 38.26 dBV/m	Grid 3 M4 37.43 dBV/m
Grid 4 M4 38.37 dBV/m	Grid 5 M4 38.42 dBV/m	Grid 6 M4 37.08 dBV/m
Grid 7 M4 38.96 dBV/m	Grid 8 M4 39.06 dBV/m	Grid 9 M4 37.46 dBV/m

Cursor:

Total = 39.06 dBV/m

E Category: M4

Location: 5.5, 25, 8.7 mm



0 dB = 89.75 V/m = 39.06 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: 2014/7/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 75.86 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.98 dBV/m

Emission category: M4

MIF scaled E-field

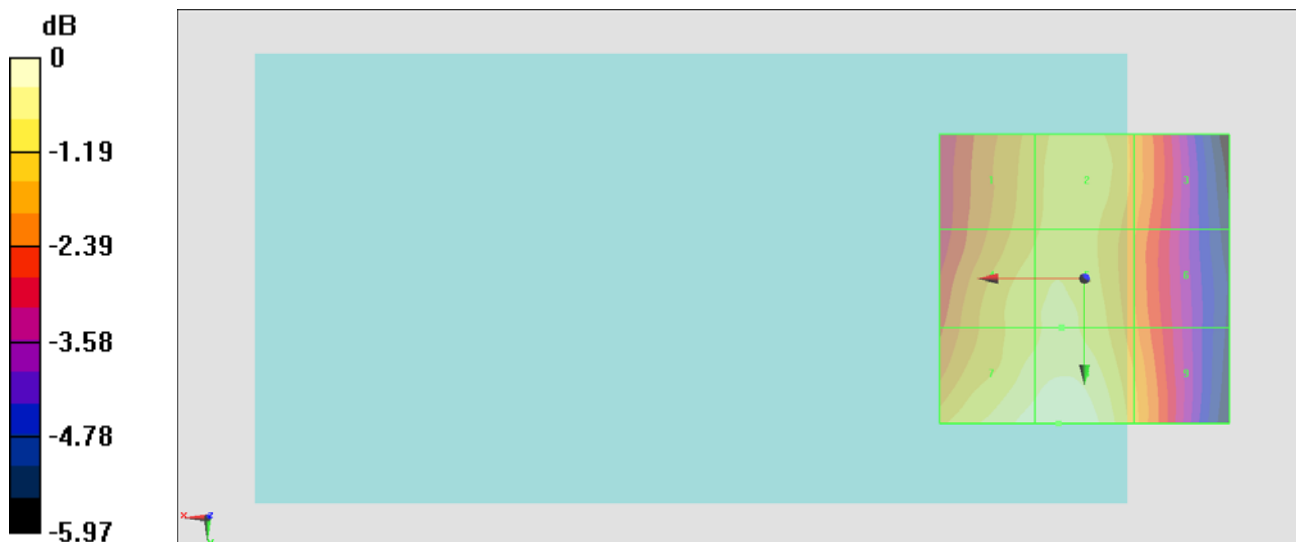
Grid 1 M4 38.74 dBV/m	Grid 2 M4 39.04 dBV/m	Grid 3 M4 38.29 dBV/m
Grid 4 M4 39.16 dBV/m	Grid 5 M4 39.27 dBV/m	Grid 6 M4 38.13 dBV/m
Grid 7 M4 39.83 dBV/m	Grid 8 M4 39.98 dBV/m	Grid 9 M4 38.58 dBV/m

Cursor:

Total = 39.98 dBV/m

E Category: M4

Location: 4.5, 25, 8.7 mm



0 dB = 99.79 V/m = 39.98 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: 2014/7/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 71.66 V/m; Power Drift = 0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 39.37 dBV/m

Emission category: M4

MIF scaled E-field

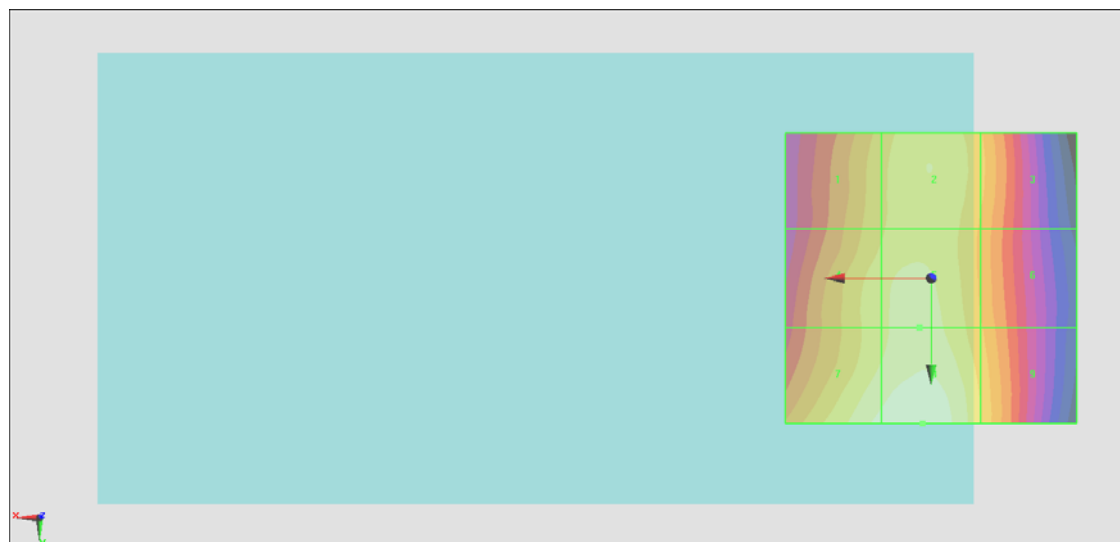
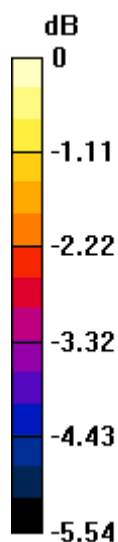
Grid 1 M4 38.22 dBV/m	Grid 2 M4 38.63 dBV/m	Grid 3 M4 38.02 dBV/m
Grid 4 M4 38.58 dBV/m	Grid 5 M4 38.78 dBV/m	Grid 6 M4 37.95 dBV/m
Grid 7 M4 39.13 dBV/m	Grid 8 M4 39.37 dBV/m	Grid 9 M4 38.29 dBV/m

Cursor:

Total = 39.37 dBV/m

E Category: M4

Location: 1.5, 25, 8.7 mm



0 dB = 92.96 V/m = 39.37 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: 2014/7/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 24.83 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.83 dBV/m

Emission category: M3

MIF scaled E-field

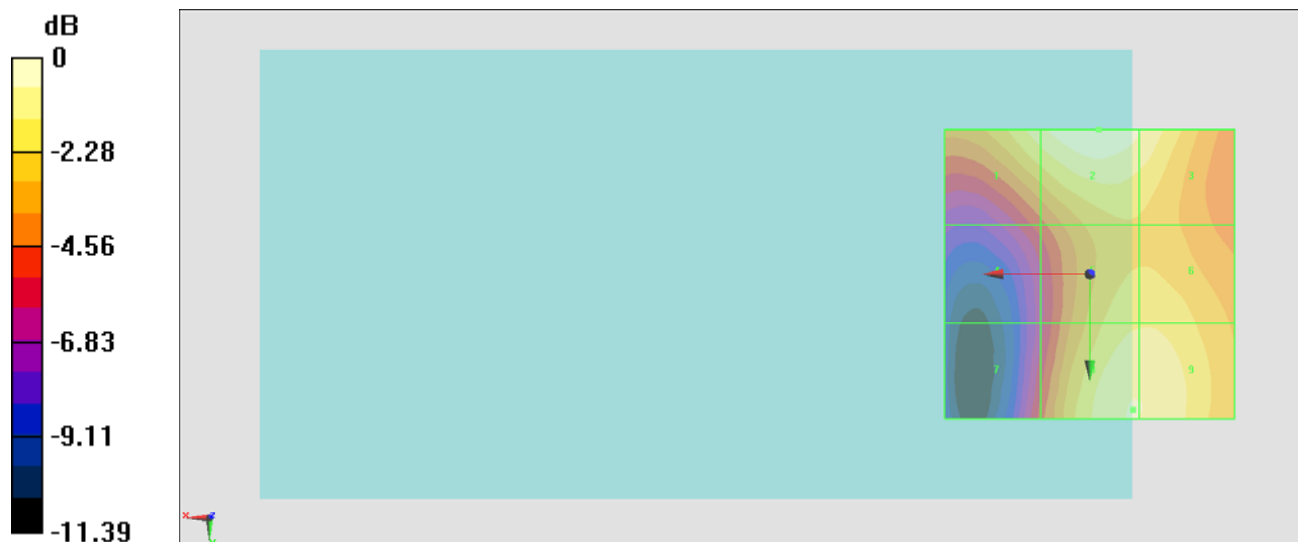
Grid 1 M3 31.86 dBV/m	Grid 2 M3 32.83 dBV/m	Grid 3 M3 32.19 dBV/m
Grid 4 M4 28 dBV/m	Grid 5 M3 31.26 dBV/m	Grid 6 M3 31.27 dBV/m
Grid 7 M4 27.95 dBV/m	Grid 8 M3 32.1 dBV/m	Grid 9 M3 32.09 dBV/m

Cursor:

Total = 32.83 dBV/m

E Category: M3

Location: -1.5, -25, 8.7 mm



#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: 2014/7/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 24.88 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.47 dBV/m

Emission category: M3

MIF scaled E-field

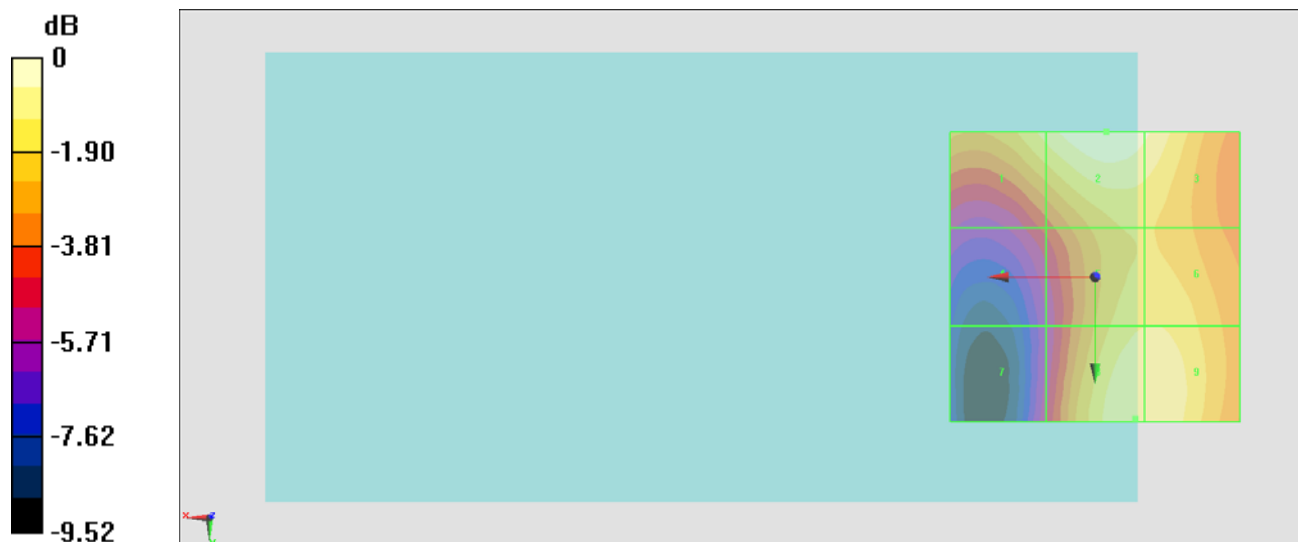
Grid 1 M3 31.47 dBV/m	Grid 2 M3 32.47 dBV/m	Grid 3 M3 31.99 dBV/m
Grid 4 M4 28.31 dBV/m	Grid 5 M3 31.2 dBV/m	Grid 6 M3 31.22 dBV/m
Grid 7 M4 27.43 dBV/m	Grid 8 M3 31.82 dBV/m	Grid 9 M3 31.81 dBV/m

Cursor:

Total = 32.47 dBV/m

E Category: M3

Location: -2, -25, 8.7 mm



0 dB = 42.04 V/m = 32.47 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: 2014/7/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

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 = 23.32 V/m; Power Drift = -0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.77 dBV/m

Emission category: M3

MIF scaled E-field

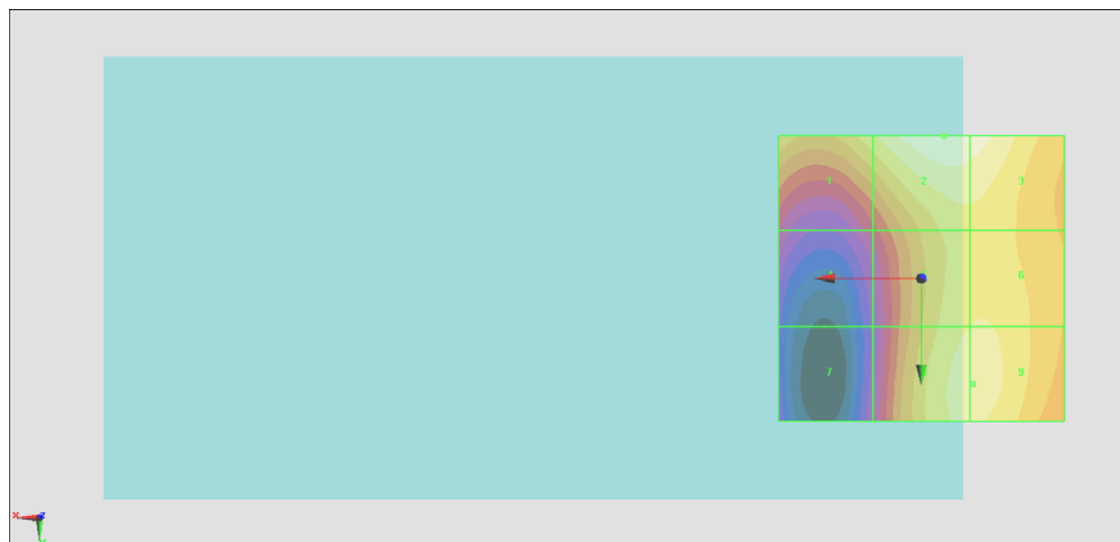
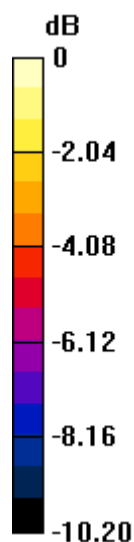
Grid 1 M3 30.24 dBV/m	Grid 2 M3 31.77 dBV/m	Grid 3 M3 31.56 dBV/m
Grid 4 M4 26.74 dBV/m	Grid 5 M3 30.42 dBV/m	Grid 6 M3 30.47 dBV/m
Grid 7 M4 25.72 dBV/m	Grid 8 M3 30.68 dBV/m	Grid 9 M3 30.68 dBV/m

Cursor:

Total = 31.77 dBV/m

E Category: M3

Location: -4, -25, 8.7 mm



0 dB = 38.76 V/m = 31.77 dBV/m