

#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 : 23.7 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 25.94 V/m; Power Drift = -0.15 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.26 dBV/m

Emission category: M4

MIF scaled E-field

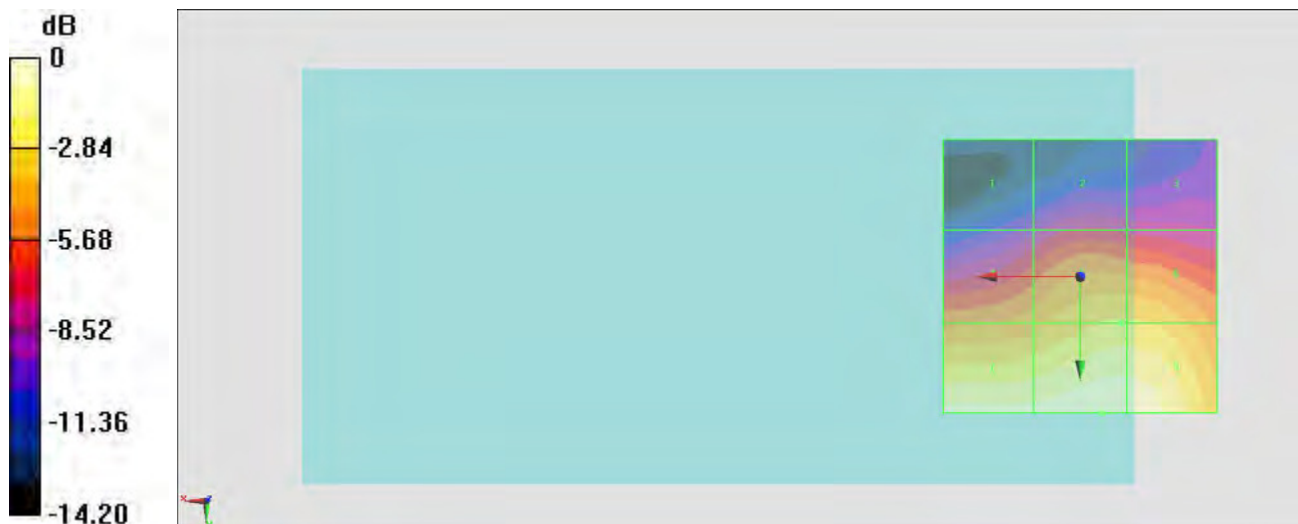
Grid 1 M4 23.39 dBV/m	Grid 2 M4 24.94 dBV/m	Grid 3 M4 24.5 dBV/m
Grid 4 M4 28.15 dBV/m	Grid 5 M4 29.6 dBV/m	Grid 6 M4 29.6 dBV/m
Grid 7 M4 31.79 dBV/m	Grid 8 M4 32.26 dBV/m	Grid 9 M4 32.19 dBV/m

Cursor:

Total = 32.26 dBV/m

E Category: M4

Location: -4, 25, 8.7 mm



0 dB = 41.00 V/m = 32.26 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 : 23.7 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 31.80 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.11 dBV/m

Emission category: M4

MIF scaled E-field

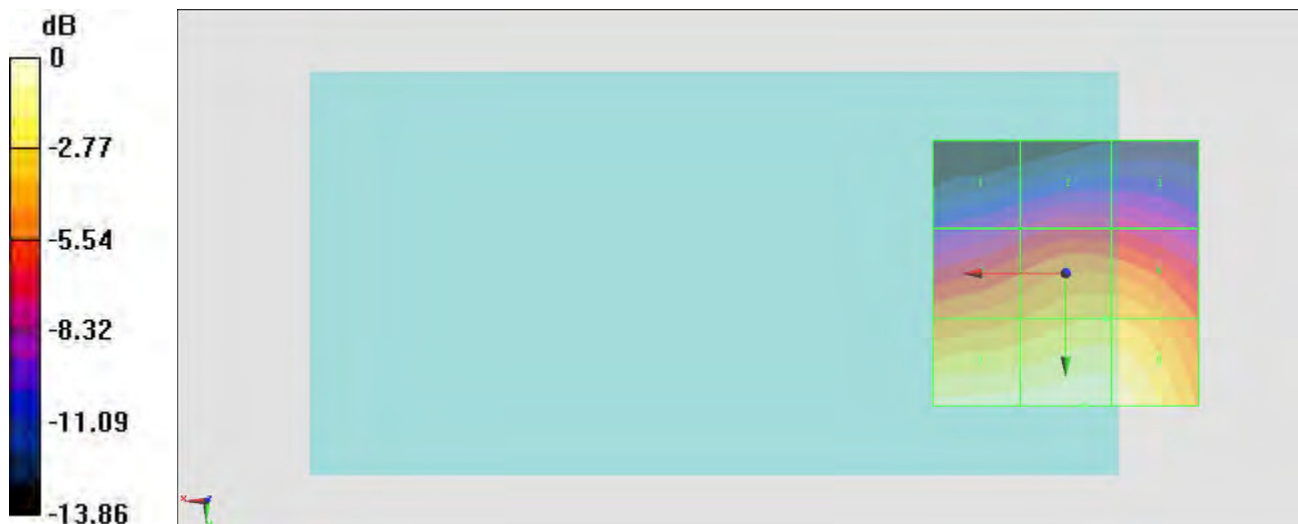
Grid 1 M4 26.86 dBV/m	Grid 2 M4 27.88 dBV/m	Grid 3 M4 27.68 dBV/m
Grid 4 M4 31.38 dBV/m	Grid 5 M4 32.37 dBV/m	Grid 6 M4 32.36 dBV/m
Grid 7 M4 34.73 dBV/m	Grid 8 M4 35.11 dBV/m	Grid 9 M4 34.93 dBV/m

Cursor:

Total = 35.11 dBV/m

E Category: M4

Location: -3.5, 25, 8.7 mm



0 dB = 56.92 V/m = 35.11 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 : 23.7 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 26.17 V/m; Power Drift = -0.13 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.58 dBV/m

Emission category: M4

MIF scaled E-field

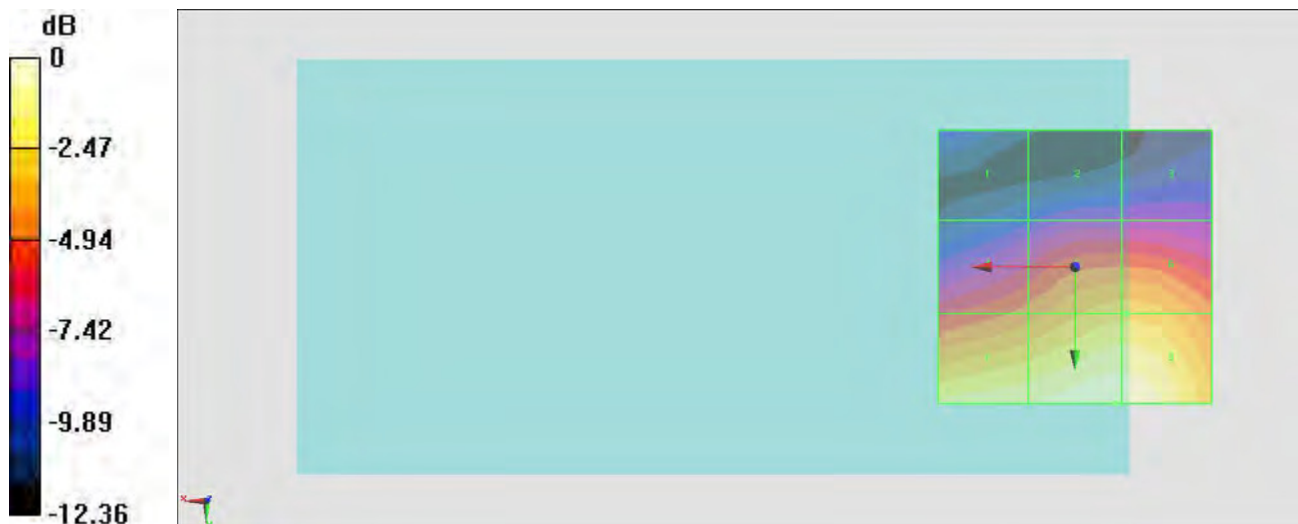
Grid 1 M4 24.48 dBV/m	Grid 2 M4 25.6 dBV/m	Grid 3 M4 25.6 dBV/m
Grid 4 M4 29.07 dBV/m	Grid 5 M4 30.83 dBV/m	Grid 6 M4 30.84 dBV/m
Grid 7 M4 32.75 dBV/m	Grid 8 M4 33.58 dBV/m	Grid 9 M4 33.56 dBV/m

Cursor:

Total = 33.58 dBV/m

E Category: M4

Location: -7.5, 25, 8.7 mm



0 dB = 47.73 V/m = 33.58 dBV/m

#05_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 : 23.7 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 19.35 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.30 dBV/m

Emission category: M3

MIF scaled E-field

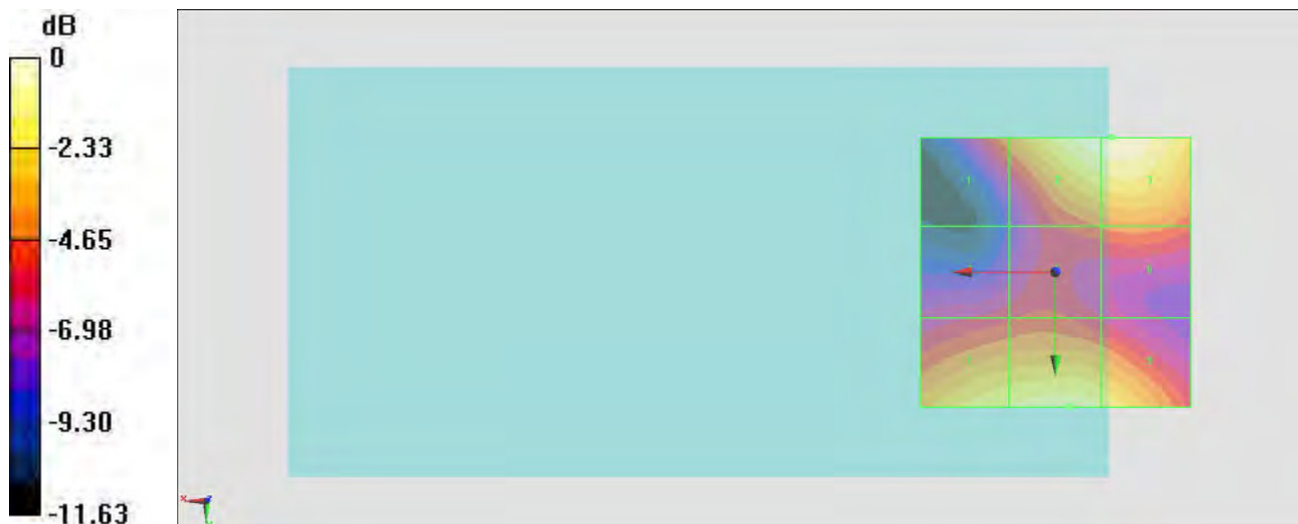
Grid 1 M4 26.52 dBV/m	Grid 2 M3 30.23 dBV/m	Grid 3 M3 30.3 dBV/m
Grid 4 M4 24.73 dBV/m	Grid 5 M4 25.82 dBV/m	Grid 6 M4 26.18 dBV/m
Grid 7 M4 28.86 dBV/m	Grid 8 M4 29.29 dBV/m	Grid 9 M4 28.81 dBV/m

Cursor:

Total = 30.30 dBV/m

E Category: M3

Location: -10.5, -25, 8.7 mm



0 dB = 32.73 V/m = 30.30 dBV/m

#06_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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : 23.7 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 19.78 V/m; Power Drift = -0.06 dB
 Applied MIF = 3.63 dB
 RF audio interference level = 29.96 dBV/m

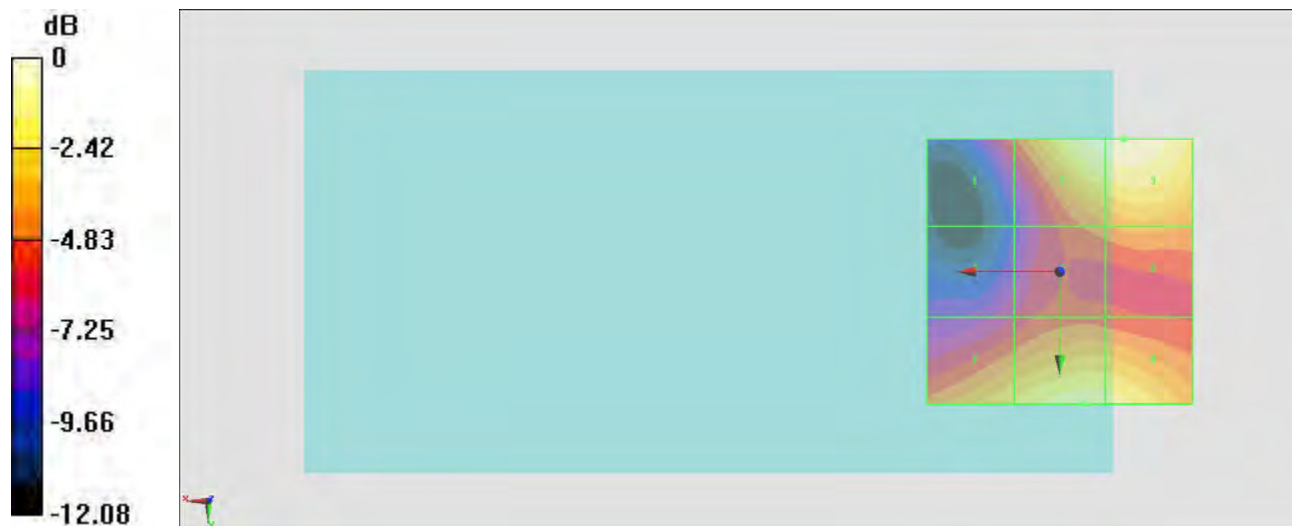
Emission category: M4

MIF scaled E-field

Grid 1 M4 25.09 dBV/m	Grid 2 M4 29.8 dBV/m	Grid 3 M4 29.96 dBV/m
Grid 4 M4 23.63 dBV/m	Grid 5 M4 25.82 dBV/m	Grid 6 M4 26.42 dBV/m
Grid 7 M4 27.72 dBV/m	Grid 8 M4 29.04 dBV/m	Grid 9 M4 28.88 dBV/m

Cursor:

Total = 29.96 dBV/m
 E Category: M4
 Location: -12, -25, 8.7 mm



0 dB = 31.49 V/m = 29.96 dBV/m

#07_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 : 23.7 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 19.87 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.66 dBV/m

Emission category: M4

MIF scaled E-field

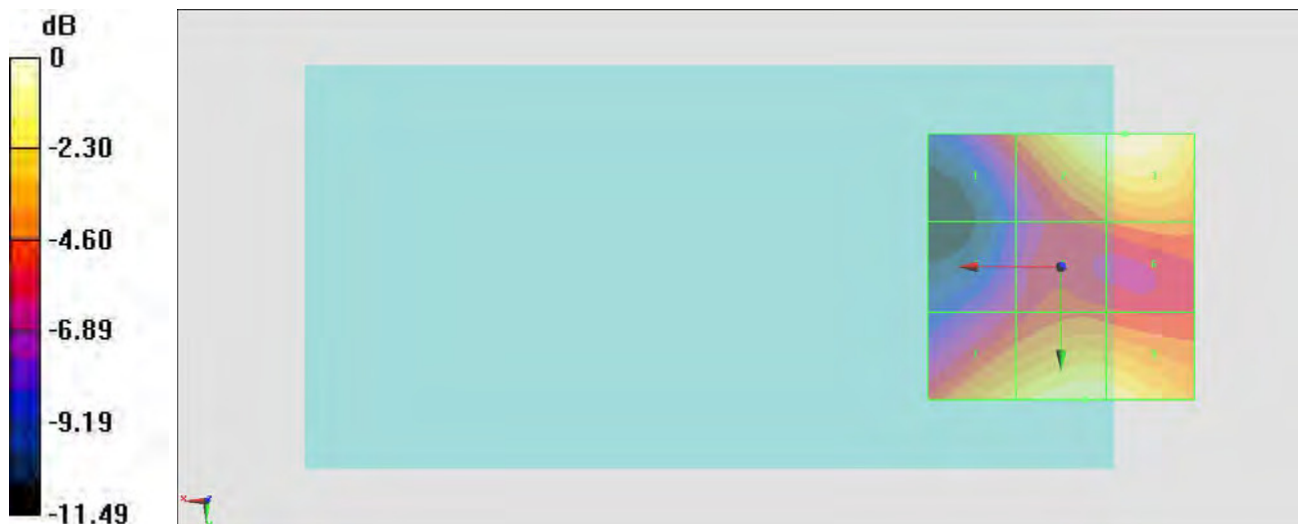
Grid 1 M4 25.33 dBV/m	Grid 2 M4 29.48 dBV/m	Grid 3 M4 29.66 dBV/m
Grid 4 M4 23.74 dBV/m	Grid 5 M4 25.01 dBV/m	Grid 6 M4 25.77 dBV/m
Grid 7 M4 27.74 dBV/m	Grid 8 M4 28.95 dBV/m	Grid 9 M4 28.85 dBV/m

Cursor:

Total = 29.66 dBV/m

E Category: M4

Location: -12, -25, 8.7 mm



0 dB = 30.41 V/m = 29.66 dBV/m

#09_HAC_E_CDMA BC0_1xRTT, RC1 SO3, 18th Rate_Ch1013

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.7 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1013/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 = 19.36 V/m; Power Drift = -0.11 dB

Applied MIF = 3.26 dB

RF audio interference level = 24.45 dBV/m

Emission category: M4

MIF scaled E-field

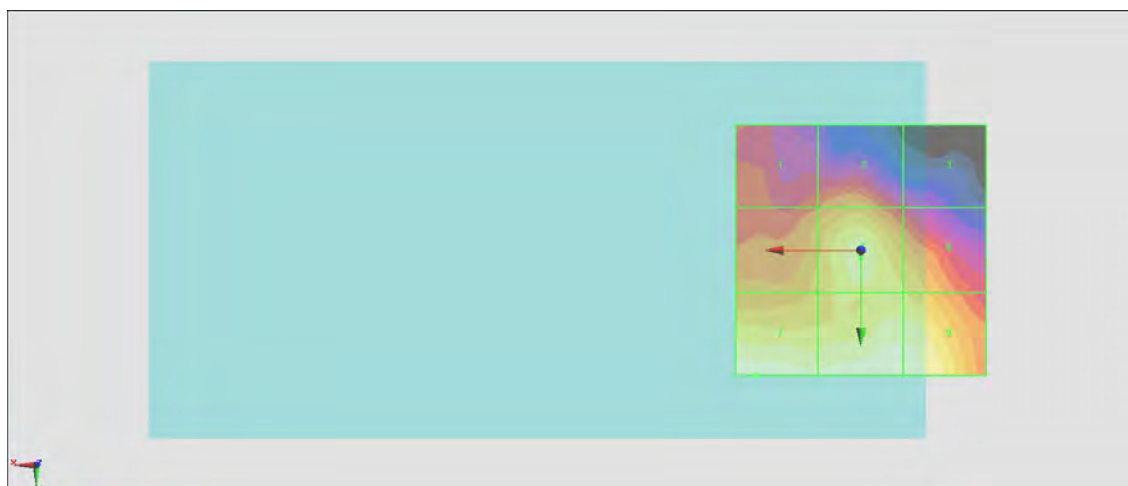
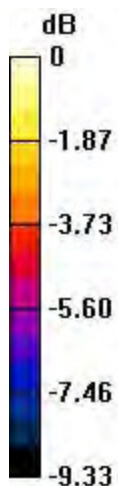
Grid 1 M4 20.75 dBV/m	Grid 2 M4 21.73 dBV/m	Grid 3 M4 19.53 dBV/m
Grid 4 M4 22.16 dBV/m	Grid 5 M4 23.61 dBV/m	Grid 6 M4 22.67 dBV/m
Grid 7 M4 24.45 dBV/m	Grid 8 M4 24.34 dBV/m	Grid 9 M4 24.21 dBV/m

Cursor:

Total = 24.45 dBV/m

E Category: M4

Location: 21, 25, 8.7 mm



0 dB = 16.69 V/m = 24.45 dBV/m

#10_HAC_E_CDMA BC0_1xRTT, RC1 SO3, 18th Rate_Ch384

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.7 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch384/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 = 19.61 V/m; Power Drift = 0.01 dB

Applied MIF = 3.26 dB

RF audio interference level = 26.34 dBV/m

Emission category: M4

MIF scaled E-field

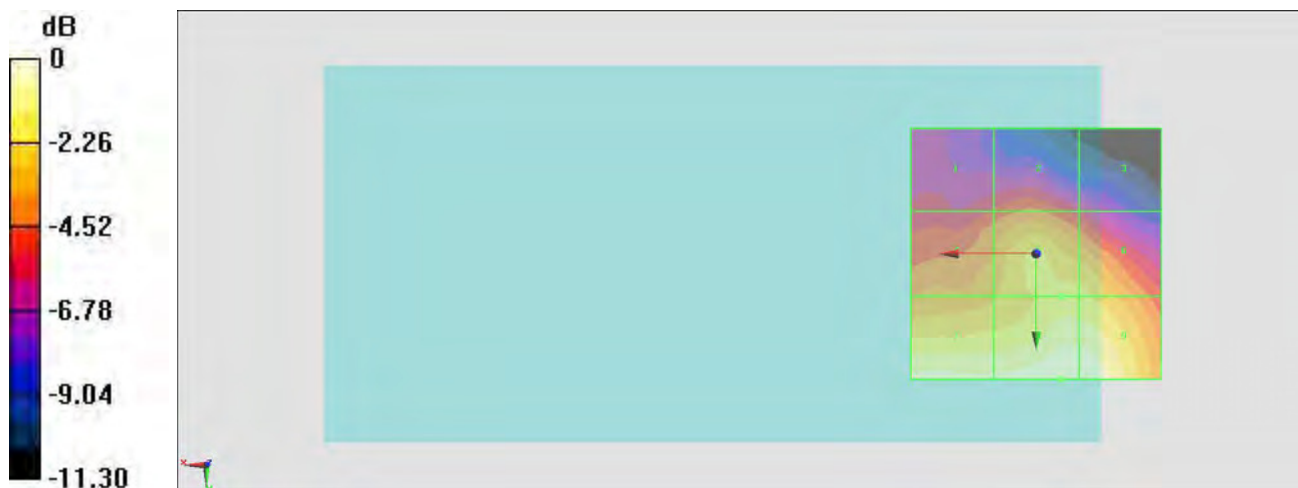
Grid 1 M4 21.17 dBV/m	Grid 2 M4 22.03 dBV/m	Grid 3 M4 20.55 dBV/m
Grid 4 M4 23.29 dBV/m	Grid 5 M4 24.47 dBV/m	Grid 6 M4 24.34 dBV/m
Grid 7 M4 26.03 dBV/m	Grid 8 M4 26.34 dBV/m	Grid 9 M4 26.26 dBV/m

Cursor:

Total = 26.34 dBV/m

E Category: M4

Location: -5, 25, 8.7 mm



0 dB = 20.76 V/m = 26.34 dBV/m

#11_HAC_E_CDMA BC0_1xRTT, RC1 SO3, 18th Rate_Ch777

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.7 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch777/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 = 18.95 V/m; Power Drift = 0.03 dB

Applied MIF = 3.26 dB

RF audio interference level = 25.60 dBV/m

Emission category: M4

MIF scaled E-field

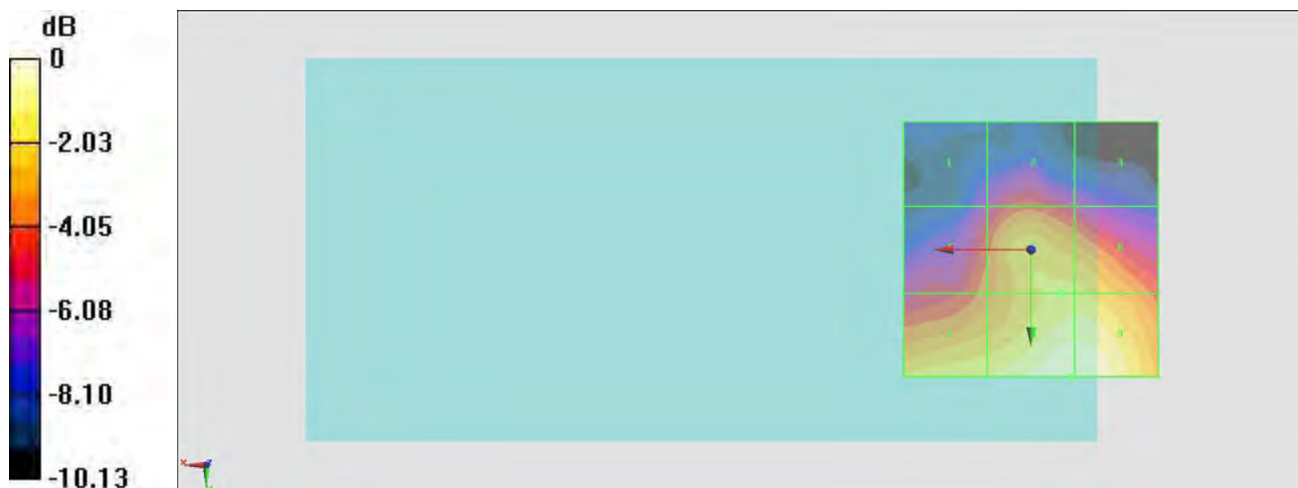
Grid 1 M4 19.62 dBV/m	Grid 2 M4 21.35 dBV/m	Grid 3 M4 19.9 dBV/m
Grid 4 M4 21.98 dBV/m	Grid 5 M4 23.83 dBV/m	Grid 6 M4 23.76 dBV/m
Grid 7 M4 24.35 dBV/m	Grid 8 M4 25.6 dBV/m	Grid 9 M4 25.6 dBV/m

Cursor:

Total = 25.60 dBV/m

E Category: M4

Location: -8, 25, 8.7 mm



0 dB = 19.06 V/m = 25.60 dBV/m

#13_HAC_E_CDMA BC1_1xRTT, RC1 SO3, 18th Rate_Ch25

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.7 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch25/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 = 18.43 V/m; Power Drift = -0.06 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.55 dBV/m

Emission category: M4

MIF scaled E-field

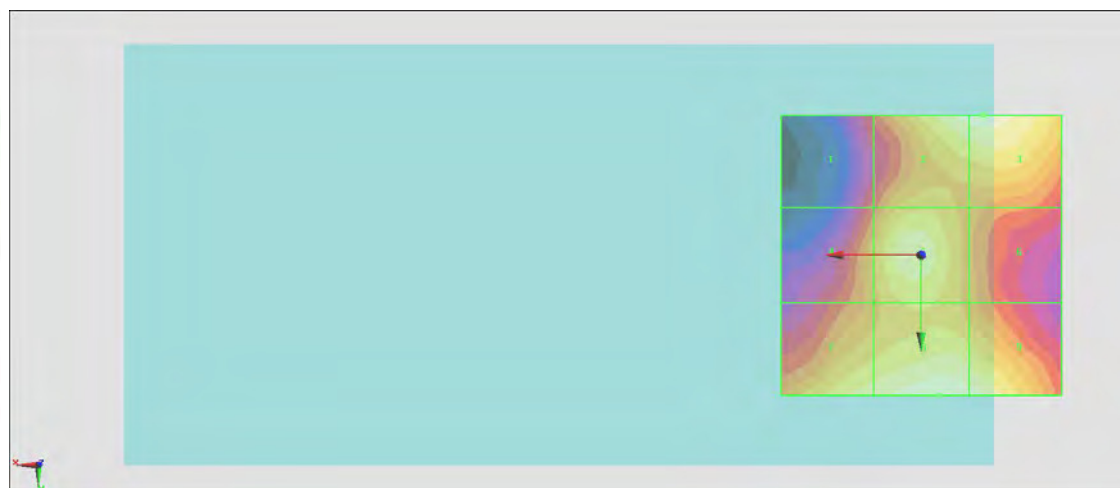
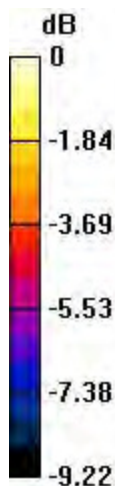
Grid 1 M4 19.61 dBV/m	Grid 2 M4 23.24 dBV/m	Grid 3 M4 23.34 dBV/m
Grid 4 M4 21.04 dBV/m	Grid 5 M4 22.76 dBV/m	Grid 6 M4 20.81 dBV/m
Grid 7 M4 22.79 dBV/m	Grid 8 M4 23.55 dBV/m	Grid 9 M4 23.29 dBV/m

Cursor:

Total = 23.55 dBV/m

E Category: M4

Location: -3, 25, 8.7 mm



0 dB = 15.04 V/m = 23.54 dBV/m

#14_HAC_E_CDMA BC1_1xRTT, RC1 SO3, 18th Rate_Ch600

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; 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 : 23.7 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch600/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 = 18.51 V/m; Power Drift = -0.01 dB

Applied MIF = 3.26 dB

RF audio interference level = 22.81 dBV/m

Emission category: M4

MIF scaled E-field

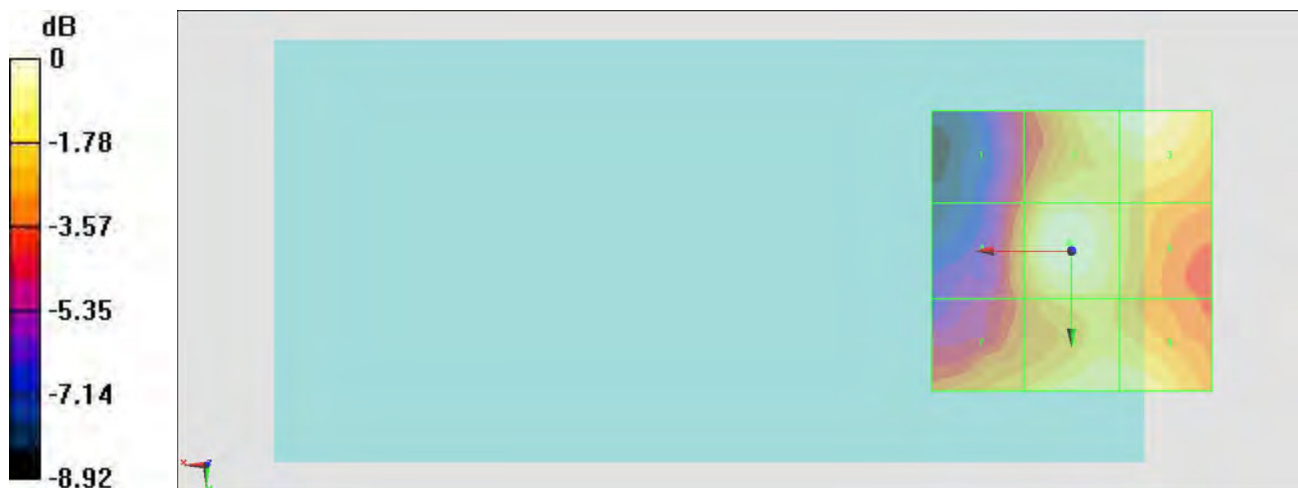
Grid 1 M4 19.57 dBV/m	Grid 2 M4 22.51 dBV/m	Grid 3 M4 22.65 dBV/m
Grid 4 M4 20.59 dBV/m	Grid 5 M4 22.81 dBV/m	Grid 6 M4 21.35 dBV/m
Grid 7 M4 21.17 dBV/m	Grid 8 M4 22.3 dBV/m	Grid 9 M4 22.23 dBV/m

Cursor:

Total = 22.81 dBV/m

E Category: M4

Location: 0.5, -1.5, 8.7 mm



0 dB = 13.83 V/m = 22.82 dBV/m

#15_HAC_E_CDMA BC1_1xRTT, RC1 SO3, 18th Rate_Ch1175

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.7 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2016/2/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1175/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 = 18.67 V/m; Power Drift = -0.05 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.19 dBV/m

Emission category: M4

MIF scaled E-field

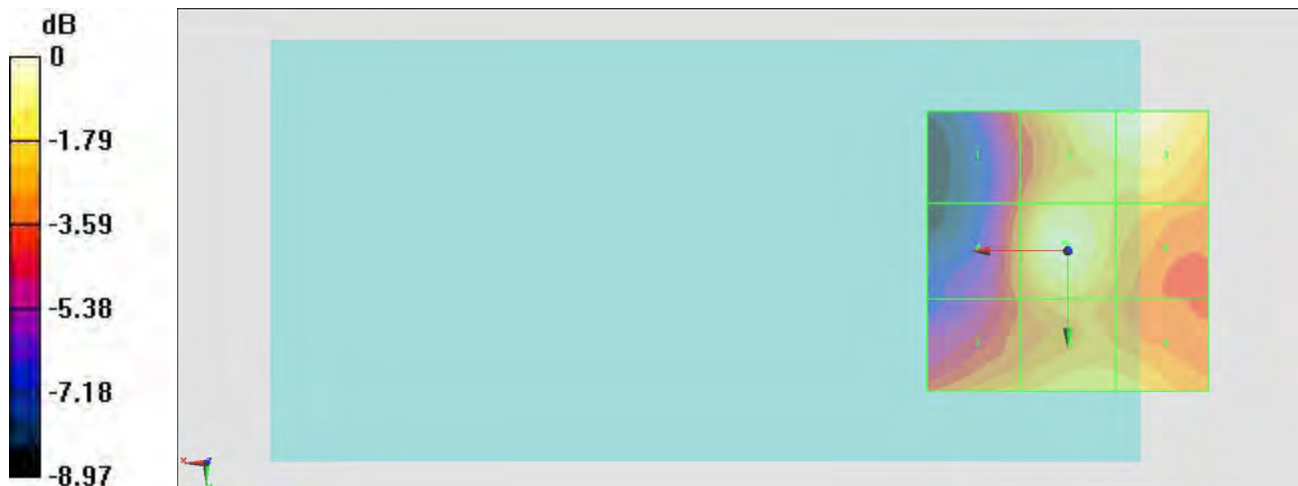
Grid 1 M4 19.86 dBV/m	Grid 2 M4 23.16 dBV/m	Grid 3 M4 23.19 dBV/m
Grid 4 M4 20.47 dBV/m	Grid 5 M4 22.79 dBV/m	Grid 6 M4 21.35 dBV/m
Grid 7 M4 21.27 dBV/m	Grid 8 M4 22.11 dBV/m	Grid 9 M4 21.9 dBV/m

Cursor:

Total = 23.19 dBV/m

E Category: M4

Location: -11, -25, 8.7 mm



0 dB = 14.44 V/m = 23.19 dBV/m