

#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 : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- 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 = 65.67 V/m; Power Drift = -0.16 dB

Applied MIF = 3.63 dB

RF audio interference level = 38.47 dBV/m

Emission category: M4

MIF scaled E-field

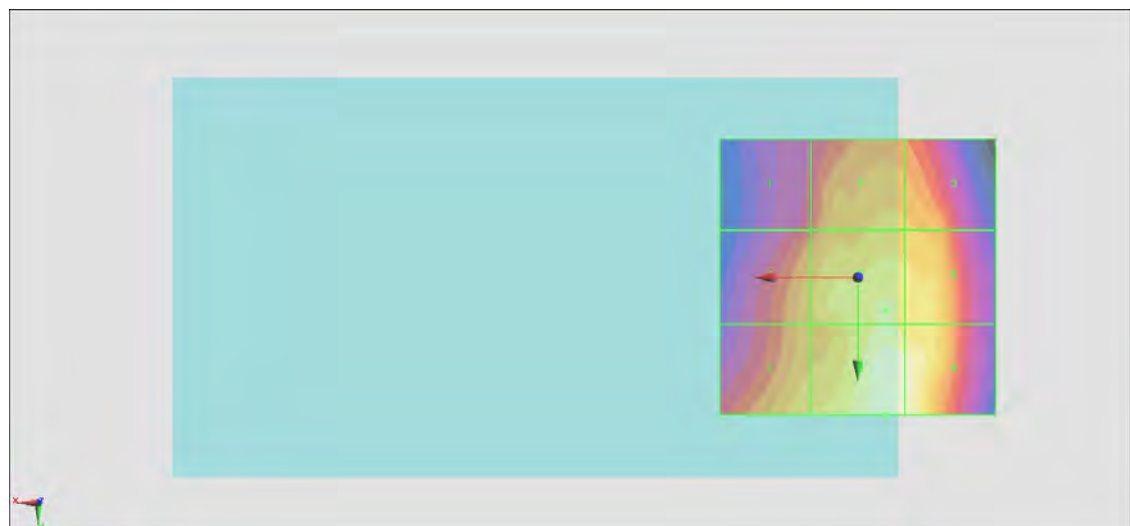
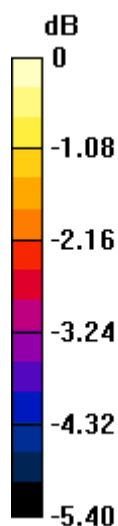
Grid 1 M4 36.04 dBV/m	Grid 2 M4 37.17 dBV/m	Grid 3 M4 37.15 dBV/m
Grid 4 M4 36.99 dBV/m	Grid 5 M4 37.81 dBV/m	Grid 6 M4 37.68 dBV/m
Grid 7 M4 37.45 dBV/m	Grid 8 M4 38.47 dBV/m	Grid 9 M4 38.32 dBV/m

Cursor:

Total = 38.47 dBV/m

E Category: M4

Location: -5, 25, 8.7 mm



0 dB = 83.83 V/m = 38.47 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 : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- 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 = 69.02 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 38.92 dBV/m

Emission category: M4

MIF scaled E-field

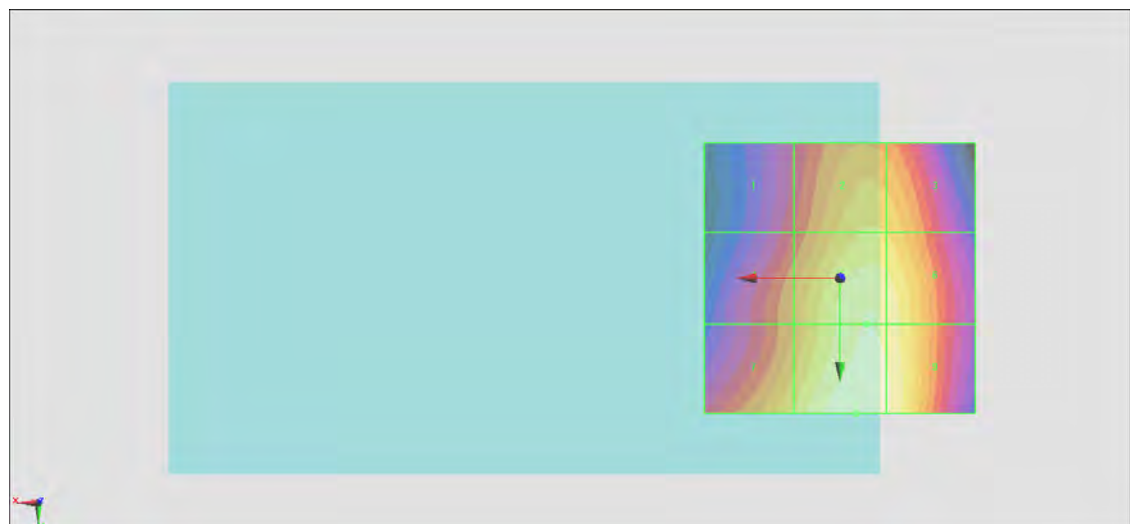
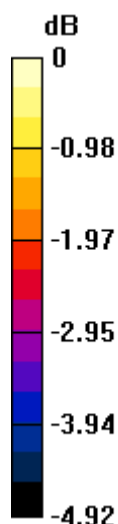
Grid 1 M4 36.67 dBV/m	Grid 2 M4 37.99 dBV/m	Grid 3 M4 37.94 dBV/m
Grid 4 M4 37.36 dBV/m	Grid 5 M4 38.61 dBV/m	Grid 6 M4 38.52 dBV/m
Grid 7 M4 38.03 dBV/m	Grid 8 M4 38.92 dBV/m	Grid 9 M4 38.68 dBV/m

Cursor:

Total = 38.92 dBV/m

E Category: M4

Location: -3, 25, 8.7 mm



0 dB = 88.34 V/m = 38.92 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 : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- 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 = 63.85 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.99 dBV/m

Emission category: M4

MIF scaled E-field

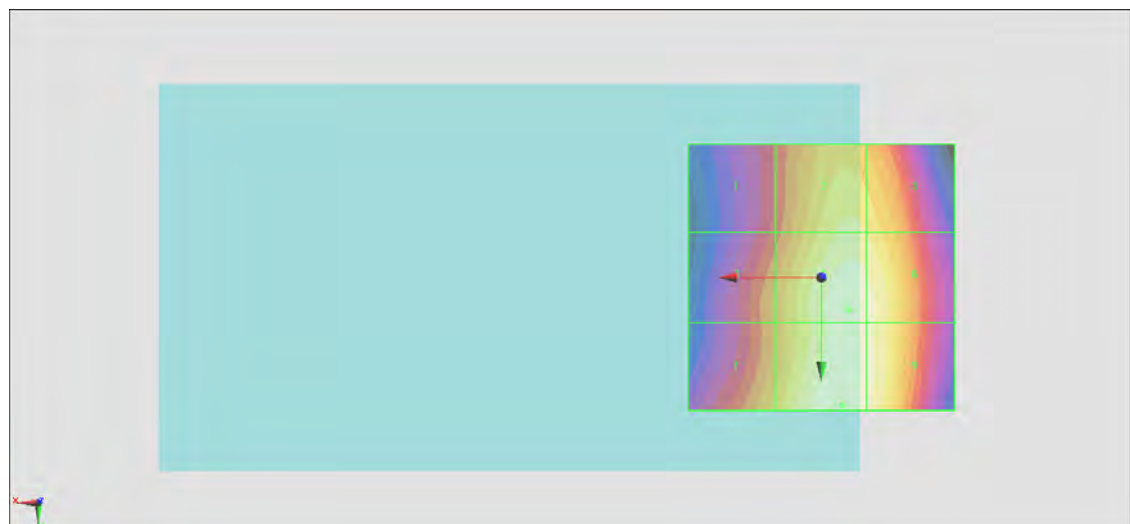
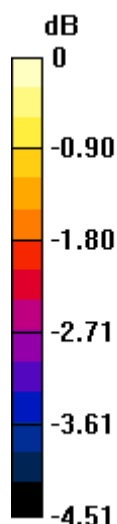
Grid 1 M4 36.06 dBV/m	Grid 2 M4 37.49 dBV/m	Grid 3 M4 37.38 dBV/m
Grid 4 M4 36.64 dBV/m	Grid 5 M4 37.92 dBV/m	Grid 6 M4 37.85 dBV/m
Grid 7 M4 37 dBV/m	Grid 8 M4 37.99 dBV/m	Grid 9 M4 37.83 dBV/m

Cursor:

Total = 37.99 dBV/m

E Category: M4

Location: -4, 24, 8.7 mm



0 dB = 79.34 V/m = 37.99 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 : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- 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 = 23.66 V/m; Power Drift = 0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.55 dBV/m

Emission category: M3

MIF scaled E-field

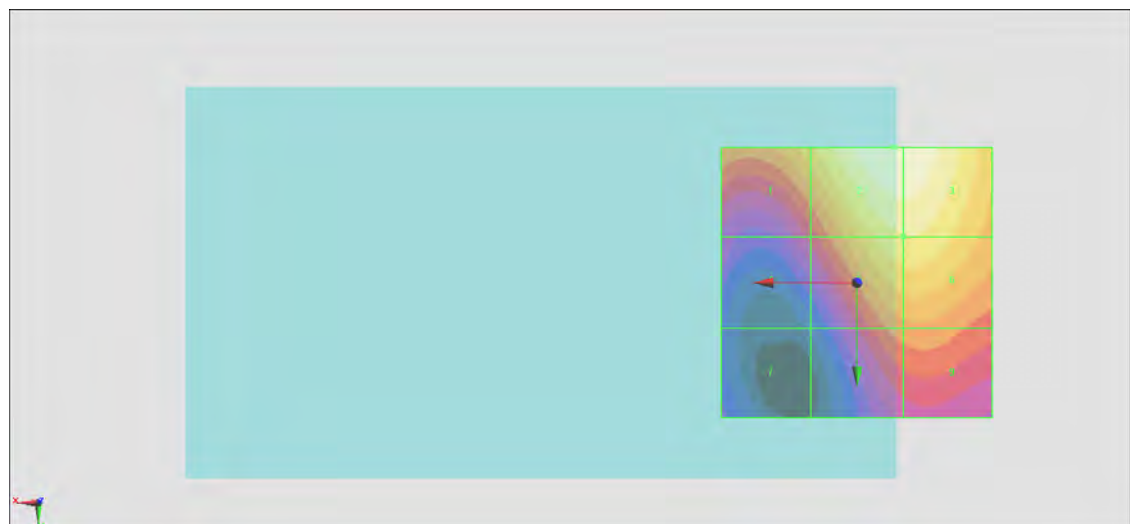
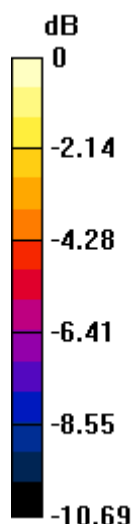
Grid 1 M3 31.26 dBV/m	Grid 2 M3 33.55 dBV/m	Grid 3 M3 33.52 dBV/m
Grid 4 M4 28.18 dBV/m	Grid 5 M3 32.08 dBV/m	Grid 6 M3 32.11 dBV/m
Grid 7 M4 26.04 dBV/m	Grid 8 M4 29.7 dBV/m	Grid 9 M4 29.86 dBV/m

Cursor:

Total = 33.55 dBV/m

E Category: M3

Location: -7, -25, 8.7 mm



0 dB = 47.58 V/m = 33.55 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, $\epsilon_r = 1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- 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 = 26.14 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.28 dBV/m

Emission category: M3

MIF scaled E-field

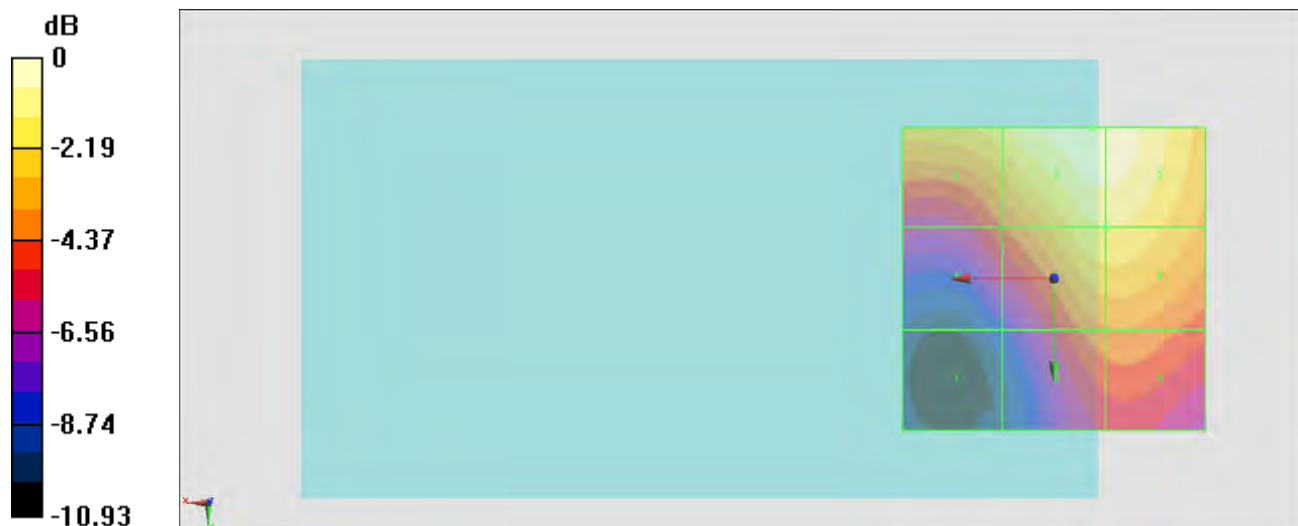
Grid 1 M3 32.62 dBV/m	Grid 2 M3 34.28 dBV/m	Grid 3 M3 34.23 dBV/m
Grid 4 M4 29.88 dBV/m	Grid 5 M3 32.83 dBV/m	Grid 6 M3 32.83 dBV/m
Grid 7 M4 26.01 dBV/m	Grid 8 M3 30.53 dBV/m	Grid 9 M3 30.65 dBV/m

Cursor:

Total = 34.28 dBV/m

E Category: M3

Location: -6.5, -25, 8.7 mm



0 dB = 51.76 V/m = 34.28 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 : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- 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 = 28.48 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.39 dBV/m

Emission category: M3

MIF scaled E-field

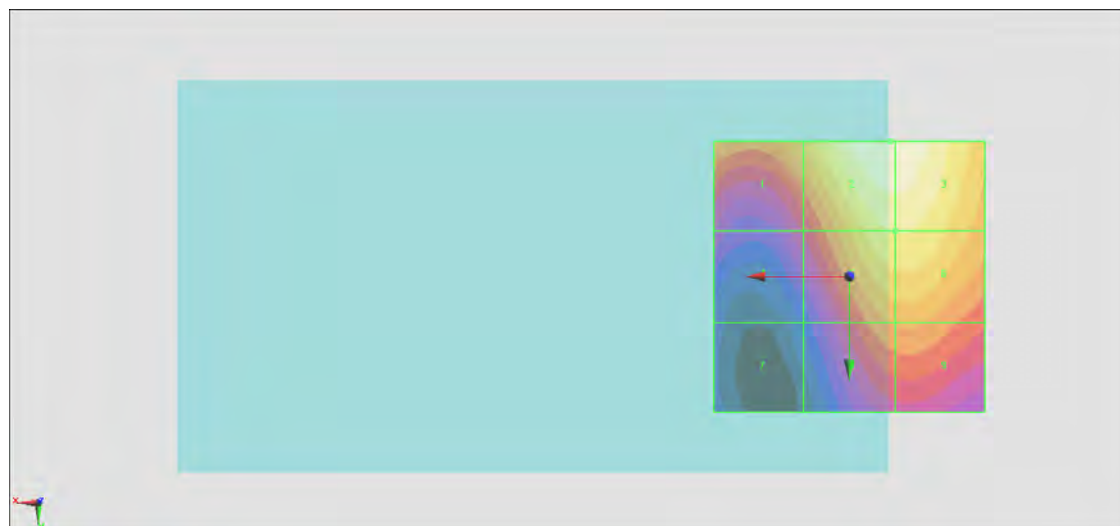
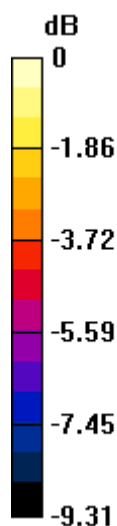
Grid 1 M3 32.14 dBV/m	Grid 2 M3 34.39 dBV/m	Grid 3 M3 34.37 dBV/m
Grid 4 M4 29.53 dBV/m	Grid 5 M3 33.19 dBV/m	Grid 6 M3 33.2 dBV/m
Grid 7 M4 27.13 dBV/m	Grid 8 M3 31.39 dBV/m	Grid 9 M3 31.45 dBV/m

Cursor:

Total = 34.39 dBV/m

E Category: M3

Location: -7.5, -25, 8.7 mm



0 dB = 52.42 V/m = 34.39 dBV/m

#07_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: 1:17.7419

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

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- 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)

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 = 21.70 V/m; Power Drift = 0.05 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.43 dBV/m

Emission category: M4

MIF scaled E-field

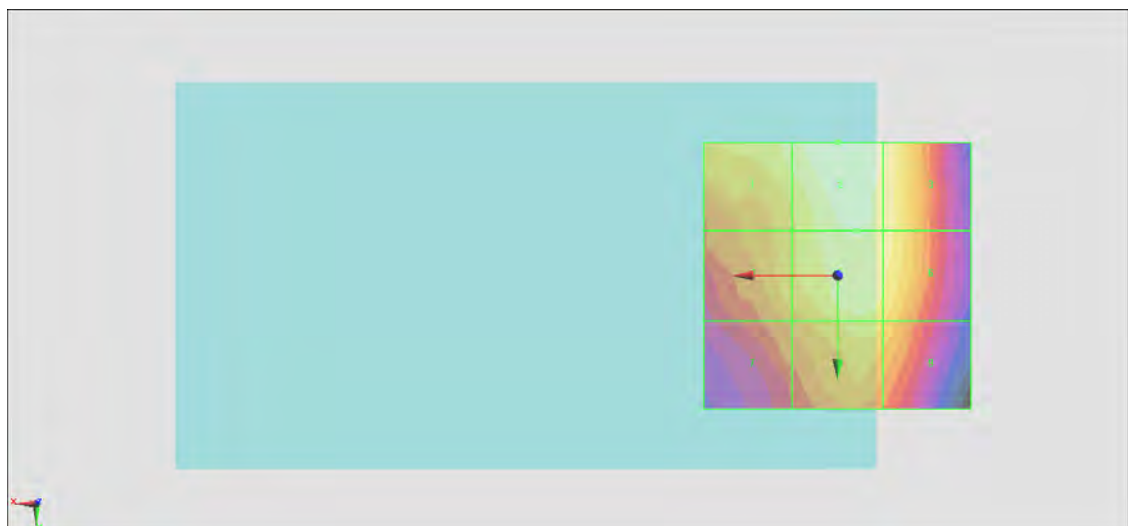
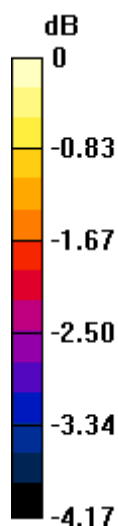
Grid 1 M4 28.02 dBV/m	Grid 2 M4 28.43 dBV/m	Grid 3 M4 28.13 dBV/m
Grid 4 M4 27.55 dBV/m	Grid 5 M4 28.18 dBV/m	Grid 6 M4 28.07 dBV/m
Grid 7 M4 27.14 dBV/m	Grid 8 M4 27.81 dBV/m	Grid 9 M4 27.62 dBV/m

Cursor:

Total = 28.43 dBV/m

E Category: M4

Location: 0, -25, 8.7 mm



$$0 \text{ dB} = 26.39 \text{ V/m} = 28.43 \text{ dBV/m}$$

#08_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: 1:17.7419

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

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- 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)

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 = 19.72 V/m; Power Drift = -0.06 dB

Applied MIF = 3.26 dB

RF audio interference level = 27.89 dBV/m

Emission category: M4

MIF scaled E-field

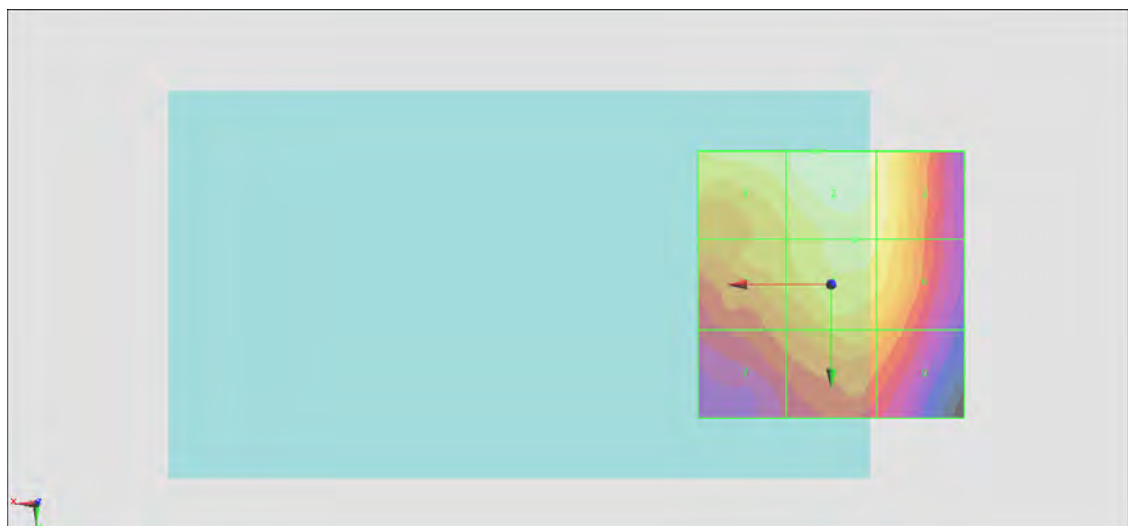
Grid 1 M4 27.6 dBV/m	Grid 2 M4 27.89 dBV/m	Grid 3 M4 27.65 dBV/m
Grid 4 M4 26.94 dBV/m	Grid 5 M4 27.49 dBV/m	Grid 6 M4 27.37 dBV/m
Grid 7 M4 26.29 dBV/m	Grid 8 M4 26.89 dBV/m	Grid 9 M4 26.65 dBV/m

Cursor:

Total = 27.89 dBV/m

E Category: M4

Location: 3, -25, 8.7 mm



$$0 \text{ dB} = 24.80 \text{ V/m} = 27.89 \text{ dBV/m}$$

#09_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: 1:17.7419

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

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- 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)

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 = 22.42 V/m; Power Drift = 0.04 dB

Applied MIF = 3.26 dB

RF audio interference level = 29.16 dBV/m

Emission category: M4

MIF scaled E-field

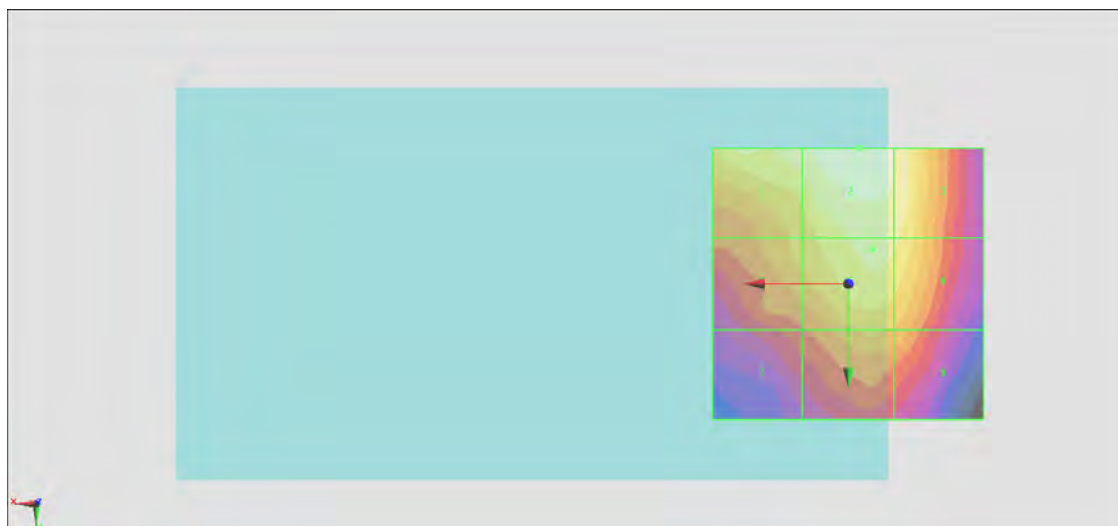
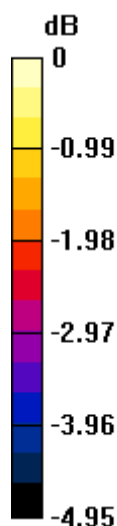
Grid 1 M4 28.75 dBV/m	Grid 2 M4 29.16 dBV/m	Grid 3 M4 28.86 dBV/m
Grid 4 M4 27.99 dBV/m	Grid 5 M4 28.62 dBV/m	Grid 6 M4 28.56 dBV/m
Grid 7 M4 27.14 dBV/m	Grid 8 M4 27.91 dBV/m	Grid 9 M4 27.79 dBV/m

Cursor:

Total = 29.16 dBV/m

E Category: M4

Location: -2, -25, 8.7 mm



$$0 \text{ dB} = 28.69 \text{ V/m} = 29.15 \text{ dBV/m}$$

#10_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: 1:17.7419

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

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- 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)

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 = 14.08 V/m; Power Drift = -0.11 dB

Applied MIF = 3.26 dB

RF audio interference level = 26.82 dBV/m

Emission category: M4

MIF scaled E-field

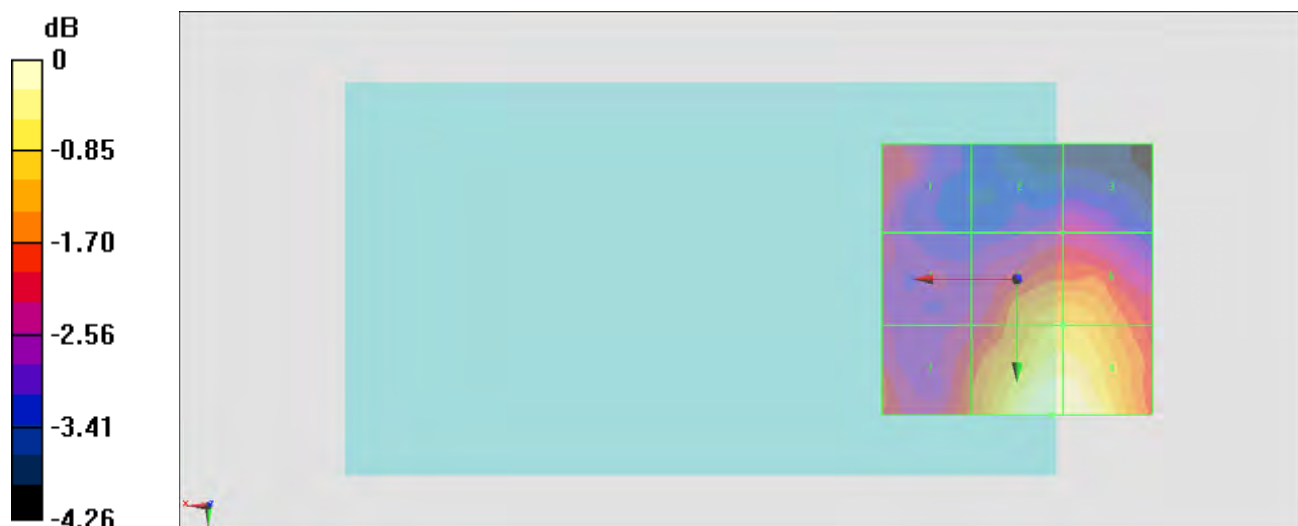
Grid 1 M4 24.9 dBV/m	Grid 2 M4 24.4 dBV/m	Grid 3 M4 24.44 dBV/m
Grid 4 M4 24.65 dBV/m	Grid 5 M4 26.03 dBV/m	Grid 6 M4 26.03 dBV/m
Grid 7 M4 25.17 dBV/m	Grid 8 M4 26.82 dBV/m	Grid 9 M4 26.76 dBV/m

Cursor:

Total = 26.82 dBV/m

E Category: M4

Location: -6.5, 25, 8.7 mm



$$0 \text{ dB} = 21.94 \text{ V/m} = 26.82 \text{ dBV/m}$$

#11_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: 1:17.7419

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

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- 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)

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 = 13.58 V/m; Power Drift = 0.17 dB

Applied MIF = 3.26 dB

RF audio interference level = 26.16 dBV/m

Emission category: M4

MIF scaled E-field

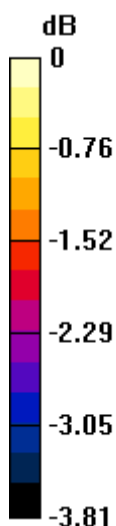
Grid 1 M4 24.36 dBV/m	Grid 2 M4 24.21 dBV/m	Grid 3 M4 24.21 dBV/m
Grid 4 M4 25.04 dBV/m	Grid 5 M4 25.47 dBV/m	Grid 6 M4 25.47 dBV/m
Grid 7 M4 25.39 dBV/m	Grid 8 M4 26.16 dBV/m	Grid 9 M4 26.12 dBV/m

Cursor:

Total = 26.16 dBV/m

E Category: M4

Location: -1.5, 25, 8.7 mm



$$0 \text{ dB} = 20.32 \text{ V/m} = 26.16 \text{ dBV/m}$$

#12_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: 1:17.7419

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

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2014/1/30;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- 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)

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 = 13.11 V/m; Power Drift = 0.00 dB

Applied MIF = 3.26 dB

RF audio interference level = 25.58 dBV/m

Emission category: M4

MIF scaled E-field

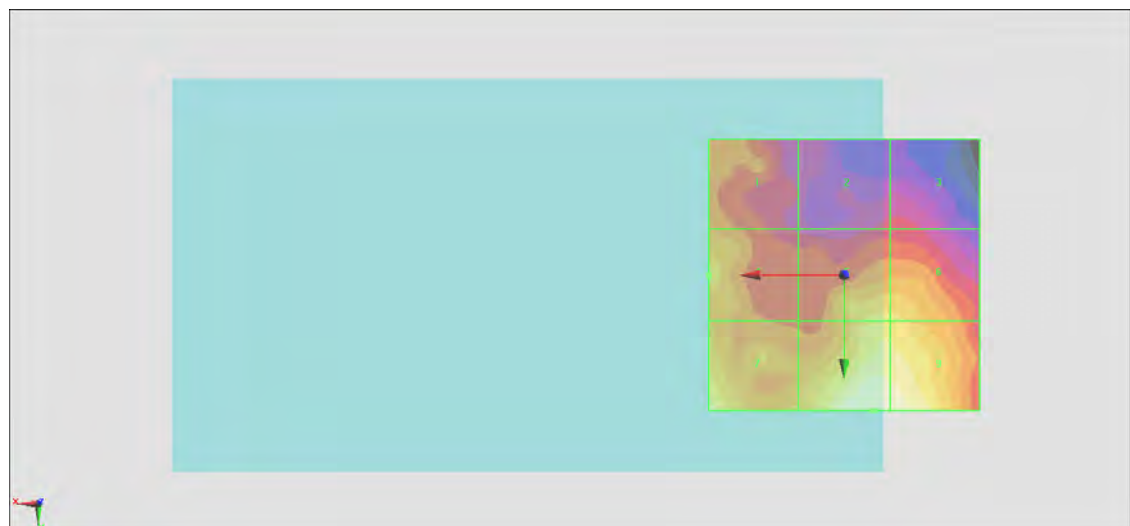
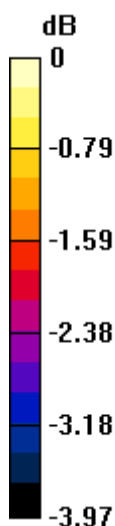
Grid 1 M4 24.29 dBV/m	Grid 2 M4 23.63 dBV/m	Grid 3 M4 23.65 dBV/m
Grid 4 M4 24.92 dBV/m	Grid 5 M4 24.91 dBV/m	Grid 6 M4 24.9 dBV/m
Grid 7 M4 25.27 dBV/m	Grid 8 M4 25.58 dBV/m	Grid 9 M4 25.52 dBV/m

Cursor:

Total = 25.58 dBV/m

E Category: M4

Location: -5.5, 25, 8.7 mm



$$0 \text{ dB} = 19.02 \text{ V/m} = 25.58 \text{ dBV/m}$$