

#01_HAC_E_GSM850_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 : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- 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 = 25.29 V/m; Power Drift = 0.29 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.41 dBV/m

Emission category: M4

MIF scaled E-field

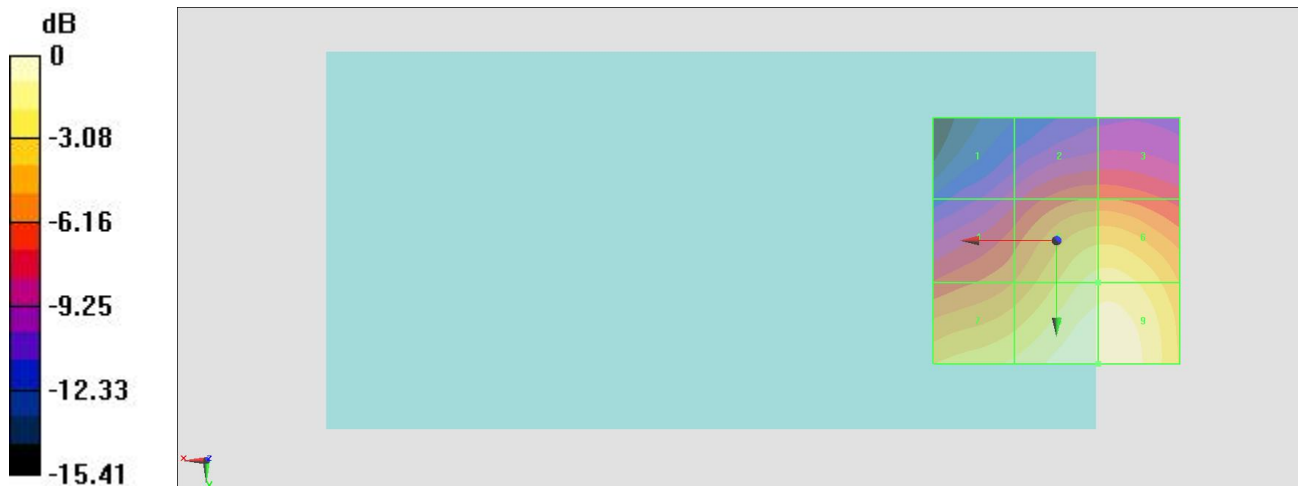
| | | |
|--|--|--|
| Grid 1 M4 24.81 dBV/m | Grid 2 M4 27.31 dBV/m | Grid 3 M4 27.3 dBV/m |
| Grid 4 M4 28.37 dBV/m | Grid 5 M4 31.79 dBV/m | Grid 6 M4 31.86 dBV/m |
| Grid 7 M4 31.61 dBV/m | Grid 8 M4 33.41 dBV/m | Grid 9 M4 33.41 dBV/m |

Cursor:

Total = 33.41 dBV/m

E Category: M4

Location: -8.5, 25, 8.7 mm



0 dB = 46.83 V/m = 33.41 dBV/m

#02_HAC_E_GSM850_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 : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- 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 = 28.08 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.57 dBV/m

Emission category: M4

MIF scaled E-field

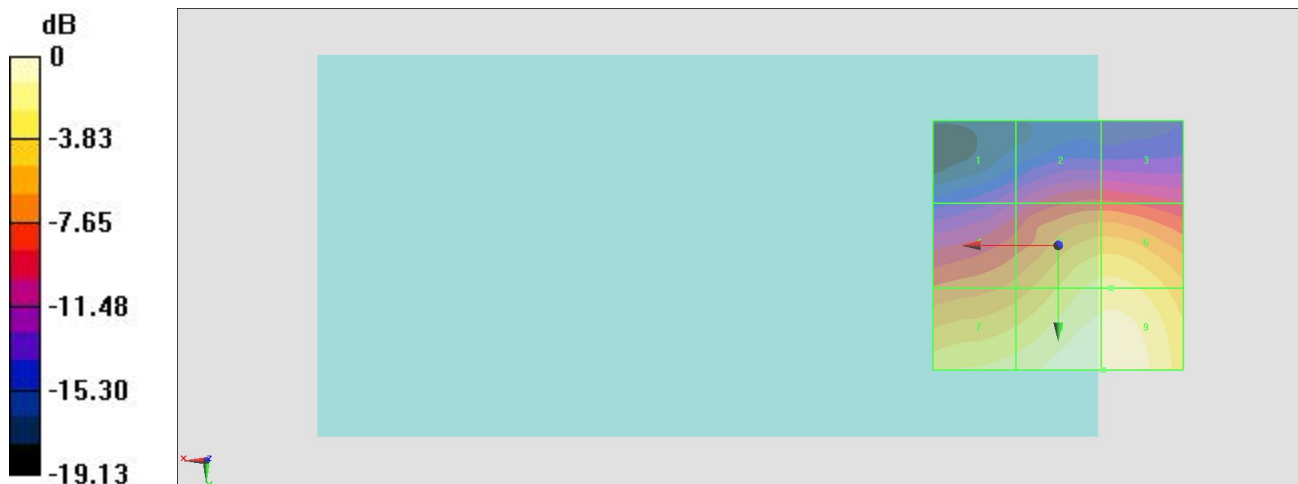
| | | |
|--|--|--|
| Grid 1 M4 24.24 dBV/m | Grid 2 M4 27.08 dBV/m | Grid 3 M4 27.06 dBV/m |
| Grid 4 M4 29.73 dBV/m | Grid 5 M4 33.44 dBV/m | Grid 6 M4 33.51 dBV/m |
| Grid 7 M4 33.8 dBV/m | Grid 8 M4 35.56 dBV/m | Grid 9 M4 35.57 dBV/m |

Cursor:

Total = 35.57 dBV/m

E Category: M4

Location: -9, 25, 8.7 mm



0 dB = 60.02 V/m = 35.57 dBV/m

#03_HAC_E_GSM850_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 : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- 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 = 28.32 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.64 dBV/m

Emission category: M4

MIF scaled E-field

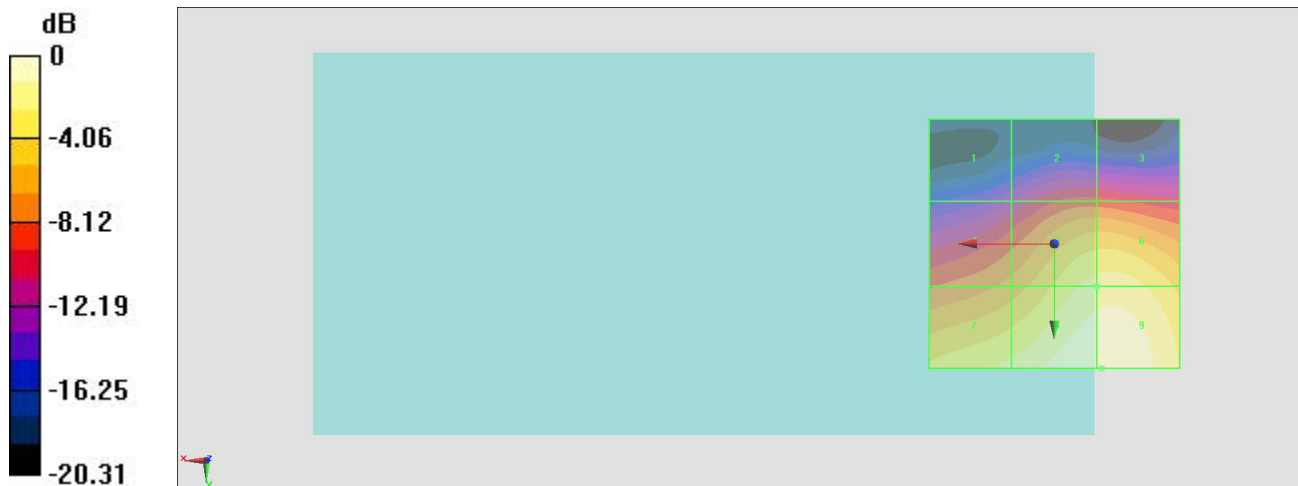
| | | |
|--|--|--|
| Grid 1 M4 23.57 dBV/m | Grid 2 M4 26.84 dBV/m | Grid 3 M4 26.78 dBV/m |
| Grid 4 M4 29.48 dBV/m | Grid 5 M4 33.49 dBV/m | Grid 6 M4 33.62 dBV/m |
| Grid 7 M4 33.41 dBV/m | Grid 8 M4 35.62 dBV/m | Grid 9 M4 35.64 dBV/m |

Cursor:

Total = 35.64 dBV/m

E Category: M4

Location: -9.5, 25, 8.7 mm



0 dB = 60.55 V/m = 35.64 dBV/m

#04_HAC_E_GSM1900_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 : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- 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 = 16.51 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.76 dBV/m

Emission category: M4

MIF scaled E-field

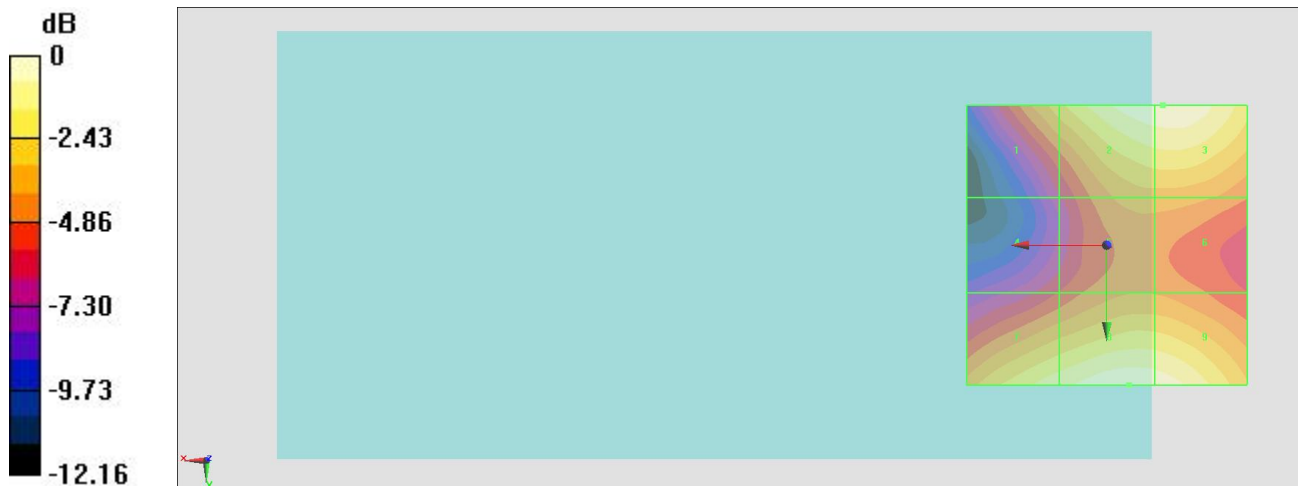
| | | |
|--|--|--|
| Grid 1 M4 27.09 dBV/m | Grid 2 M4 29.73 dBV/m | Grid 3 M4 29.76 dBV/m |
| Grid 4 M4 24.18 dBV/m | Grid 5 M4 26.2 dBV/m | Grid 6 M4 26.2 dBV/m |
| Grid 7 M4 28.77 dBV/m | Grid 8 M4 29.69 dBV/m | Grid 9 M4 29.54 dBV/m |

Cursor:

Total = 29.76 dBV/m

E Category: M4

Location: -10, -25, 8.7 mm



0 dB = 30.76 V/m = 29.76 dBV/m

#05_HAC_E_GSM1900_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 : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- 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 = 16.08 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.79 dBV/m

Emission category: M4

MIF scaled E-field

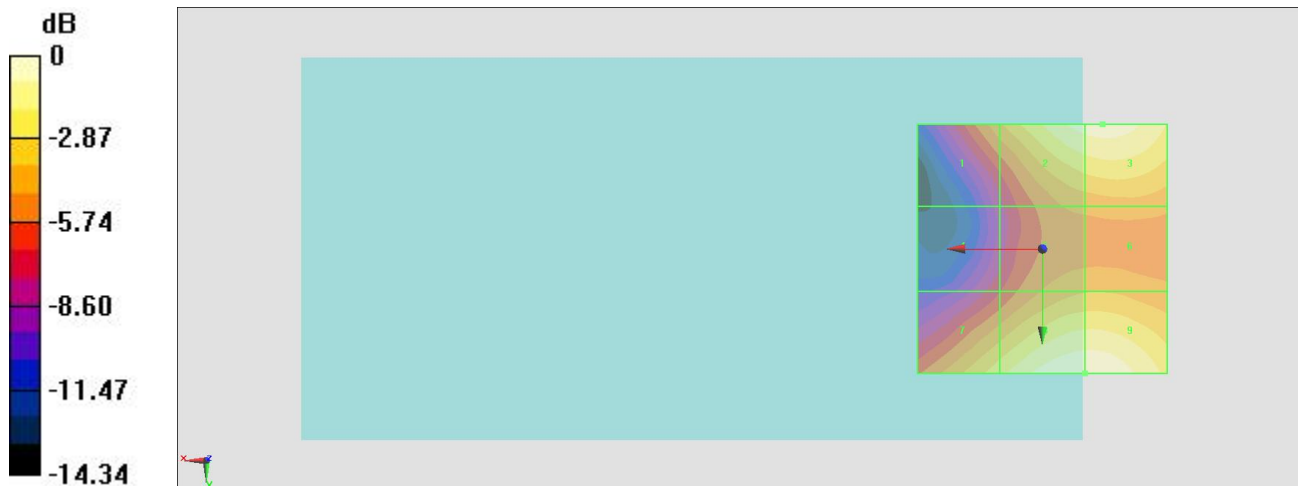
| | | |
|--|--|--|
| Grid 1 M4 25.83 dBV/m | Grid 2 M4 29.25 dBV/m | Grid 3 M4 29.37 dBV/m |
| Grid 4 M4 23.09 dBV/m | Grid 5 M4 25.9 dBV/m | Grid 6 M4 25.95 dBV/m |
| Grid 7 M4 27.63 dBV/m | Grid 8 M4 29.79 dBV/m | Grid 9 M4 29.79 dBV/m |

Cursor:

Total = 29.79 dBV/m

E Category: M4

Location: -8.5, 25, 8.7 mm



0 dB = 30.86 V/m = 29.79 dBV/m

#06_HAC_E_GSM1900_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 : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- 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 = 15.57 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 30.43 dBV/m

Emission category: M3

MIF scaled E-field

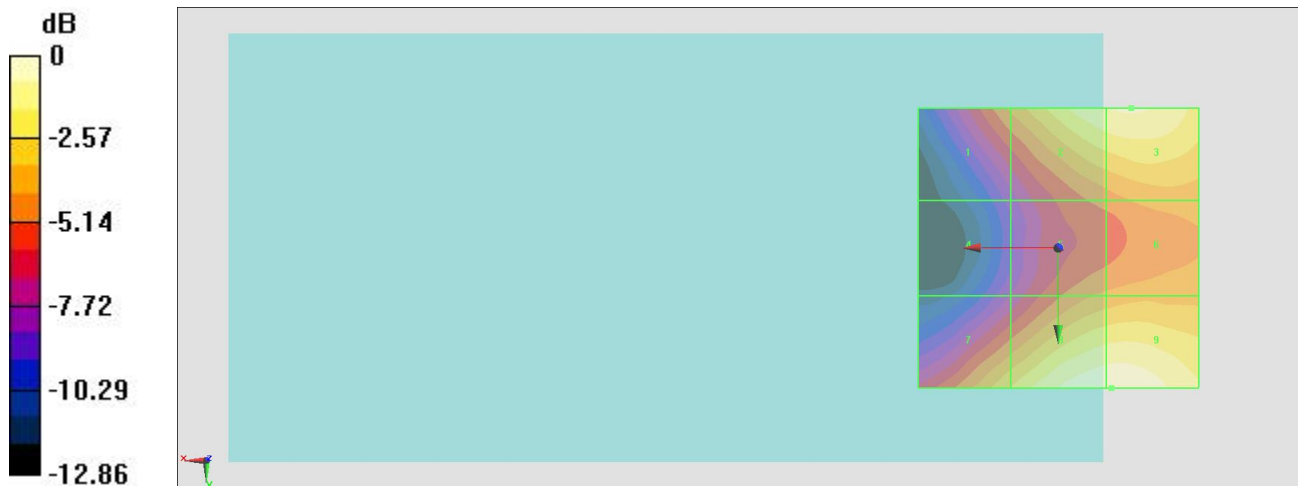
| | | |
|--|--|--|
| Grid 1 M4 26.35 dBV/m | Grid 2 M4 29.59 dBV/m | Grid 3 M4 29.72 dBV/m |
| Grid 4 M4 22.83 dBV/m | Grid 5 M4 26.39 dBV/m | Grid 6 M4 26.79 dBV/m |
| Grid 7 M4 27.9 dBV/m | Grid 8 M3 30.42 dBV/m | Grid 9 M3 30.43 dBV/m |

Cursor:

Total = 30.43 dBV/m

E Category: M3

Location: -9.5, 25, 8.7 mm



0 dB = 33.22 V/m = 30.43 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: 1:8.3

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- 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 = 15.77 V/m; Power Drift = 0.01 dB

Applied MIF = 3.26 dB

RF audio interference level = 25.90 dBV/m

Emission category: M4

MIF scaled E-field

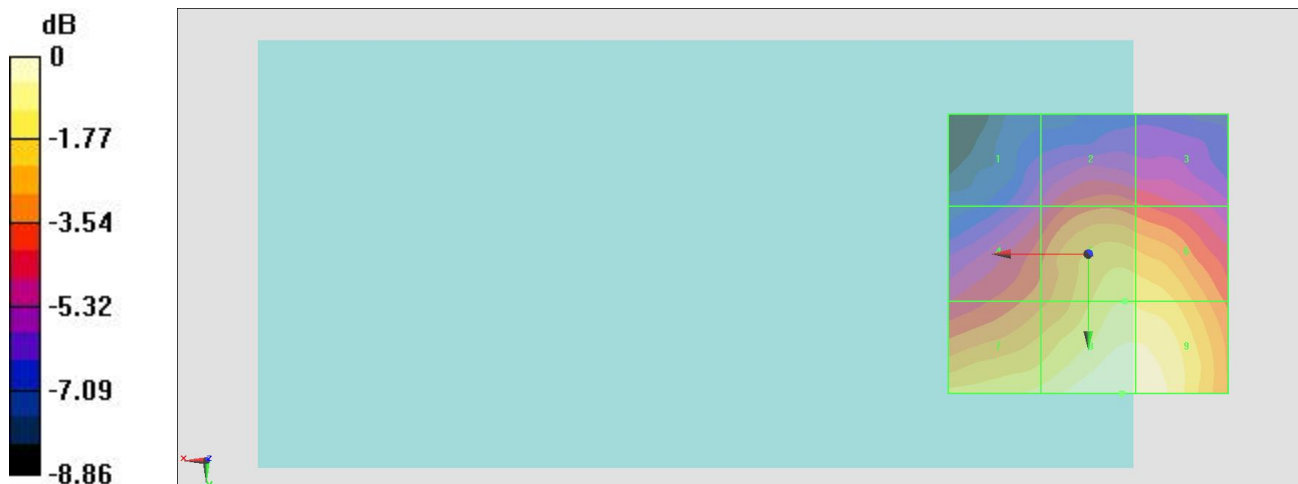
| | | |
|--|--|--|
| Grid 1 M4 20.76 dBV/m | Grid 2 M4 22.29 dBV/m | Grid 3 M4 21.95 dBV/m |
| Grid 4 M4 22.79 dBV/m | Grid 5 M4 24.71 dBV/m | Grid 6 M4 24.64 dBV/m |
| Grid 7 M4 24.94 dBV/m | Grid 8 M4 25.9 dBV/m | Grid 9 M4 25.88 dBV/m |

Cursor:

Total = 25.90 dBV/m

E Category: M4

Location: -6, 25, 8.7 mm



0 dB = 19.72 V/m = 25.90 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: 1:8.3

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- 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 = 16.61 V/m; Power Drift = 0.01 dB

Applied MIF = 3.26 dB

RF audio interference level = 27.69 dBV/m

Emission category: M4

MIF scaled E-field

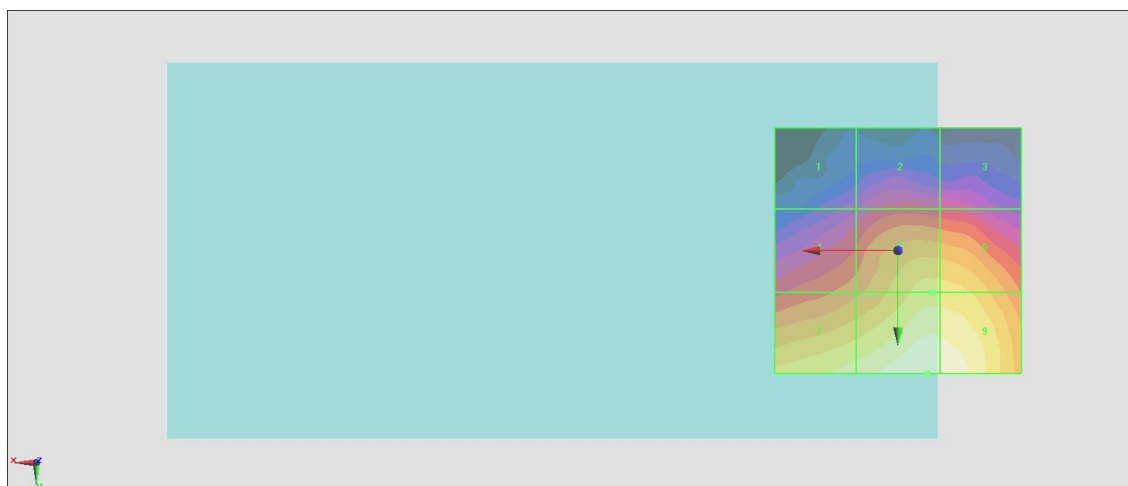
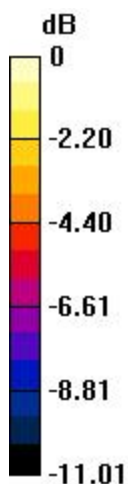
| | | |
|--|--|--|
| Grid 1 M4 20.96 dBV/m | Grid 2 M4 22.3 dBV/m | Grid 3 M4 21.95 dBV/m |
| Grid 4 M4 23.86 dBV/m | Grid 5 M4 25.88 dBV/m | Grid 6 M4 25.84 dBV/m |
| Grid 7 M4 26.62 dBV/m | Grid 8 M4 27.69 dBV/m | Grid 9 M4 27.64 dBV/m |

Cursor:

Total = 27.69 dBV/m

E Category: M4

Location: -6, 25, 8.7 mm



0 dB = 24.24 V/m = 27.69 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: 1:8.3

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- 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 = 16.48 V/m; Power Drift = -0.00 dB

Applied MIF = 3.26 dB

RF audio interference level = 27.58 dBV/m

Emission category: M4

MIF scaled E-field

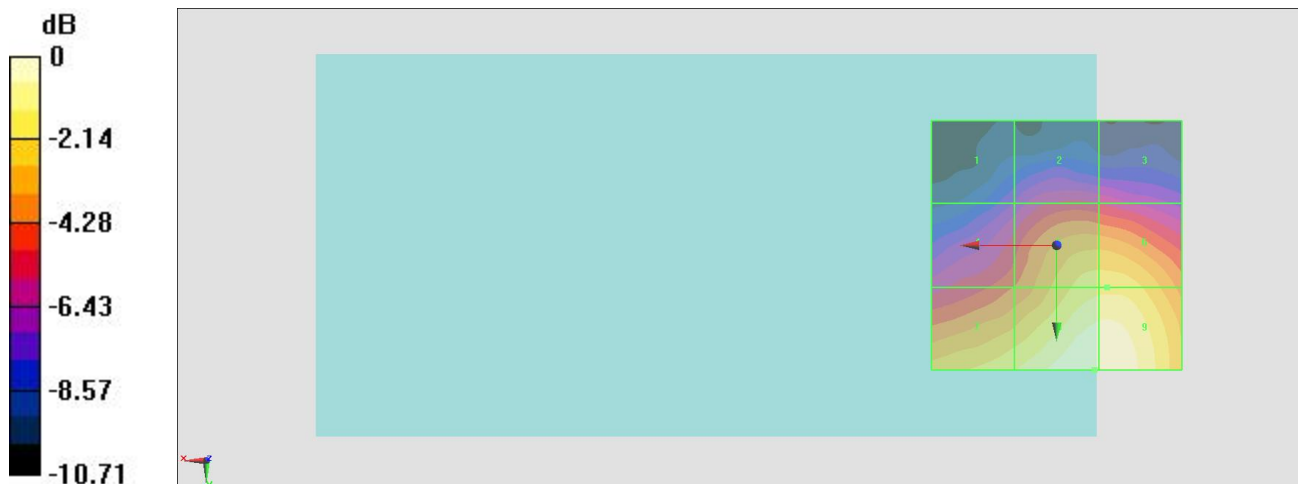
| | | |
|--|--|--|
| Grid 1 M4 20.53 dBV/m | Grid 2 M4 22.1 dBV/m | Grid 3 M4 21.83 dBV/m |
| Grid 4 M4 23.37 dBV/m | Grid 5 M4 25.96 dBV/m | Grid 6 M4 25.97 dBV/m |
| Grid 7 M4 26.1 dBV/m | Grid 8 M4 27.58 dBV/m | Grid 9 M4 27.58 dBV/m |

Cursor:

Total = 27.58 dBV/m

E Category: M4

Location: -7.5, 25, 8.7 mm



0 dB = 23.94 V/m = 27.58 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: 1:8.3

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- 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 = 13.37 V/m; Power Drift = -0.05 dB

Applied MIF = 3.26 dB

RF audio interference level = 24.16 dBV/m

Emission category: M4

MIF scaled E-field

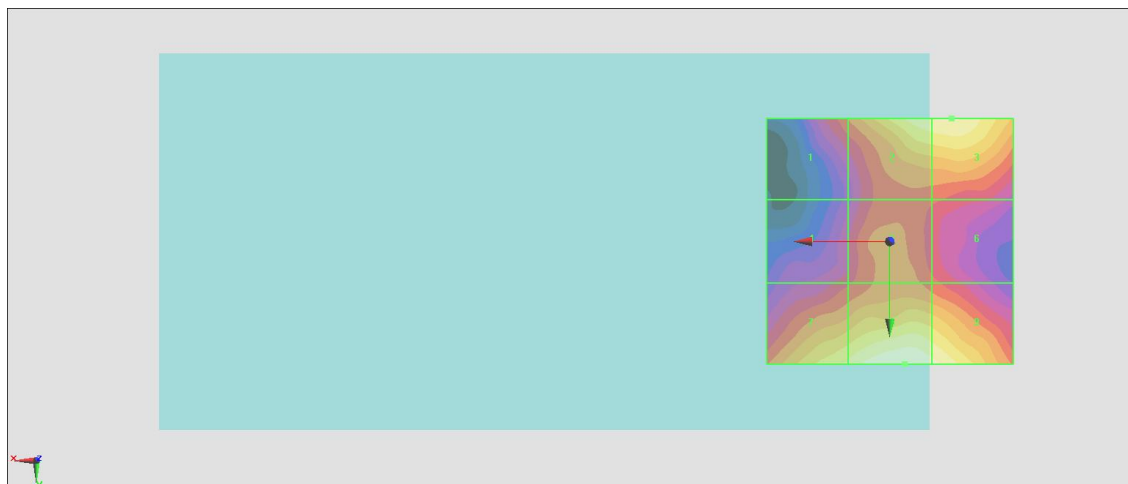
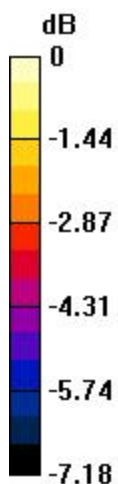
| | | |
|--|--|--|
| Grid 1 M4 21.31 dBV/m | Grid 2 M4 23.69 dBV/m | Grid 3 M4 23.75 dBV/m |
| Grid 4 M4 20.73 dBV/m | Grid 5 M4 21.55 dBV/m | Grid 6 M4 21.04 dBV/m |
| Grid 7 M4 23.34 dBV/m | Grid 8 M4 24.16 dBV/m | Grid 9 M4 23.87 dBV/m |

Cursor:

Total = 24.16 dBV/m

E Category: M4

Location: -3, 25, 8.7 mm



0 dB = 16.14 V/m = 24.16 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: 1:8.3

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- 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 = 13.54 V/m; Power Drift = 0.03 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.87 dBV/m

Emission category: M4

MIF scaled E-field

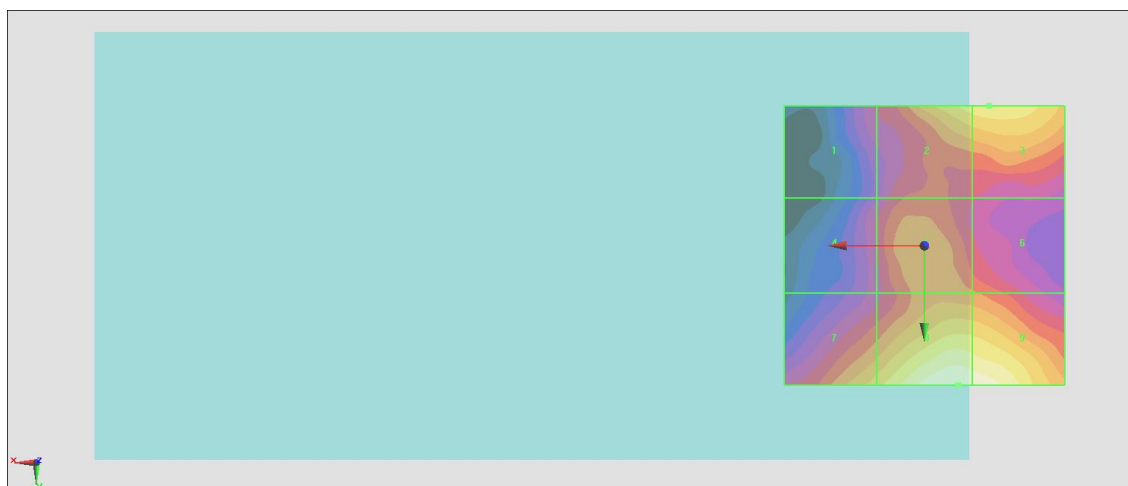
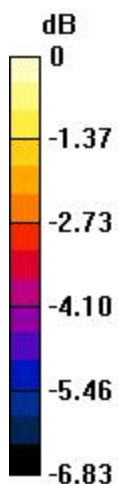
| | | |
|--|--|--|
| Grid 1 M4 20.28 dBV/m | Grid 2 M4 22.79 dBV/m | Grid 3 M4 22.91 dBV/m |
| Grid 4 M4 20.31 dBV/m | Grid 5 M4 21.54 dBV/m | Grid 6 M4 21.25 dBV/m |
| Grid 7 M4 22.36 dBV/m | Grid 8 M4 23.87 dBV/m | Grid 9 M4 23.8 dBV/m |

Cursor:

Total = 23.87 dBV/m

E Category: M4

Location: -6, 25, 8.7 mm



0 dB = 15.62 V/m = 23.87 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: 1:8.3

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2016/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- 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 = 13.87 V/m; Power Drift = 0.10 dB

Applied MIF = 3.26 dB

RF audio interference level = 23.80 dBV/m

Emission category: M4

MIF scaled E-field

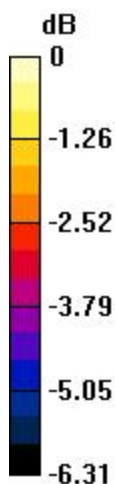
| | | |
|--|--|--|
| Grid 1 M4 21.52 dBV/m | Grid 2 M4 23.02 dBV/m | Grid 3 M4 23.04 dBV/m |
| Grid 4 M4 20.95 dBV/m | Grid 5 M4 22.19 dBV/m | Grid 6 M4 21.86 dBV/m |
| Grid 7 M4 21.81 dBV/m | Grid 8 M4 23.8 dBV/m | Grid 9 M4 23.72 dBV/m |

Cursor:

Total = 23.80 dBV/m

E Category: M4

Location: -6.5, 25, 8.7 mm



0 dB = 15.49 V/m = 23.80 dBV/m