

#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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 108.0 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 42.36 dBV/m

Emission category: M3

MIF scaled E-field

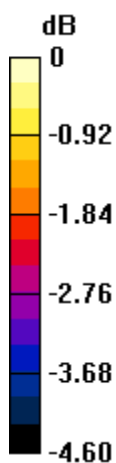
Grid 1 M3 41.29 dBV/m	Grid 2 M3 42.2 dBV/m	Grid 3 M3 42.01 dBV/m
Grid 4 M3 41.36 dBV/m	Grid 5 M3 42.36 dBV/m	Grid 6 M3 42.19 dBV/m
Grid 7 M3 41.12 dBV/m	Grid 8 M3 42.18 dBV/m	Grid 9 M3 42.09 dBV/m

Cursor:

Total = 42.36 dBV/m

E Category: M3

Location: -4, -1, 8.7 mm



0 dB = 131.2 V/m = 42.36 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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 101.1 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 41.77 dBV/m

Emission category: M3

MIF scaled E-field

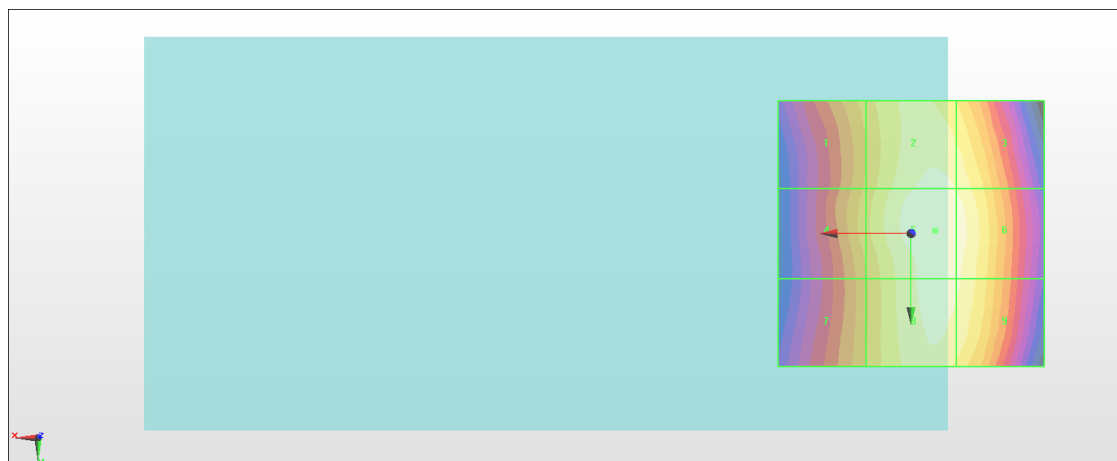
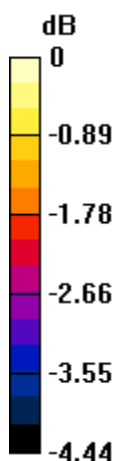
Grid 1 M3 40.75 dBV/m	Grid 2 M3 41.6 dBV/m	Grid 3 M3 41.47 dBV/m
Grid 4 M3 40.79 dBV/m	Grid 5 M3 41.77 dBV/m	Grid 6 M3 41.65 dBV/m
Grid 7 M3 40.58 dBV/m	Grid 8 M3 41.62 dBV/m	Grid 9 M3 41.53 dBV/m

Cursor:

Total = 41.77 dBV/m

E Category: M3

Location: -4.5, -0.5, 8.7 mm



0 dB = 122.6 V/m = 41.77 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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 90.33 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 40.95 dBV/m

Emission category: M3

MIF scaled E-field

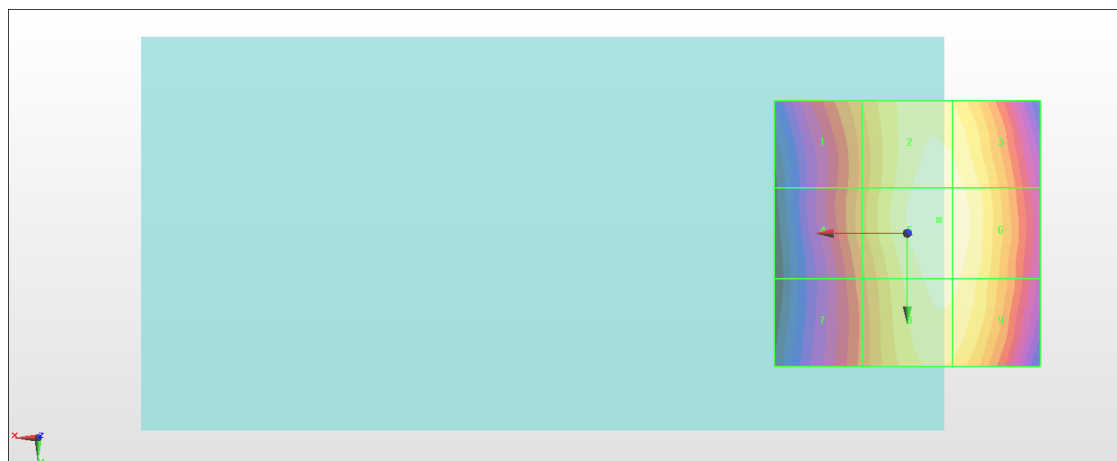
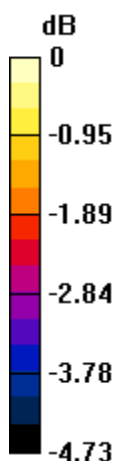
Grid 1 M4 39.72 dBV/m	Grid 2 M3 40.84 dBV/m	Grid 3 M3 40.78 dBV/m
Grid 4 M4 39.58 dBV/m	Grid 5 M3 40.95 dBV/m	Grid 6 M3 40.9 dBV/m
Grid 7 M4 39.28 dBV/m	Grid 8 M3 40.74 dBV/m	Grid 9 M3 40.71 dBV/m

Cursor:

Total = 40.95 dBV/m

E Category: M3

Location: -6, -2.5, 8.7 mm



0 dB = 111.6 V/m = 40.95 dBV/m

#04_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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 28.22 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.97 dBV/m

Emission category: M3

MIF scaled E-field

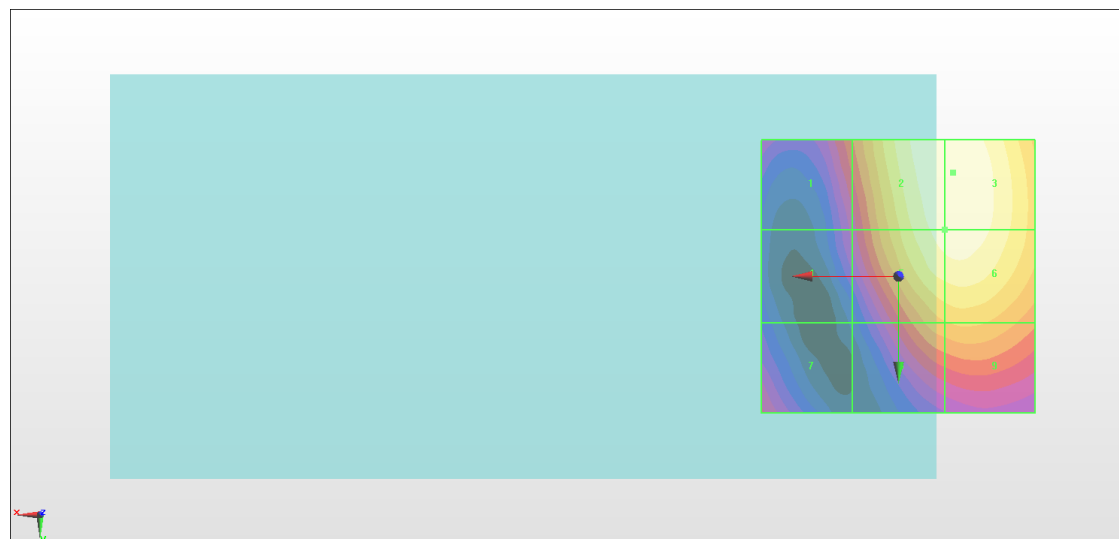
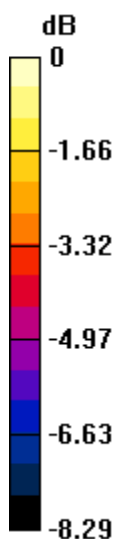
Grid 1 M4 29.62 dBV/m	Grid 2 M3 32.95 dBV/m	Grid 3 M3 32.97 dBV/m
Grid 4 M4 28.22 dBV/m	Grid 5 M3 32.65 dBV/m	Grid 6 M3 32.74 dBV/m
Grid 7 M4 28.7 dBV/m	Grid 8 M3 30.71 dBV/m	Grid 9 M3 30.89 dBV/m

Cursor:

Total = 32.97 dBV/m

E Category: M3

Location: -10, -19, 8.7 mm



0 dB = 44.52 V/m = 32.97 dBV/m

#05_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: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 33.01 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.83 dBV/m

Emission category: M3

MIF scaled E-field

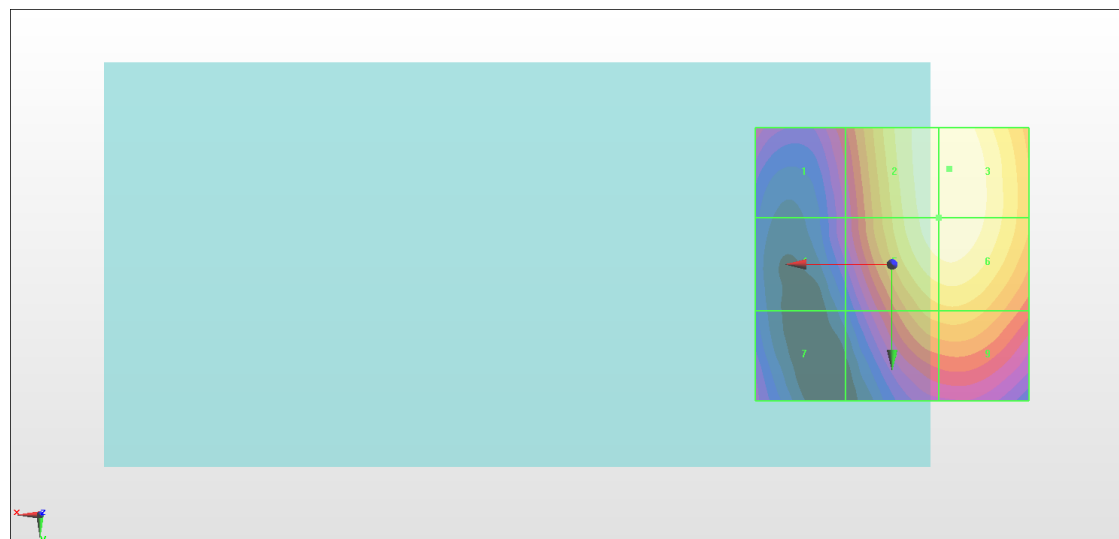
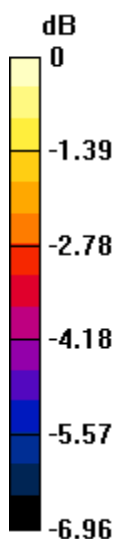
Grid 1 M3 30.58 dBV/m	Grid 2 M3 33.8 dBV/m	Grid 3 M3 33.83 dBV/m
Grid 4 M4 29.75 dBV/m	Grid 5 M3 33.7 dBV/m	Grid 6 M3 33.75 dBV/m
Grid 7 M4 29.44 dBV/m	Grid 8 M3 32.27 dBV/m	Grid 9 M3 32.35 dBV/m

Cursor:

Total = 33.83 dBV/m

E Category: M3

Location: -10.5, -17.5, 8.7 mm



0 dB = 49.16 V/m = 33.83 dBV/m

#06_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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 34.34 V/m; Power Drift = -0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.20 dBV/m

Emission category: M3

MIF scaled E-field

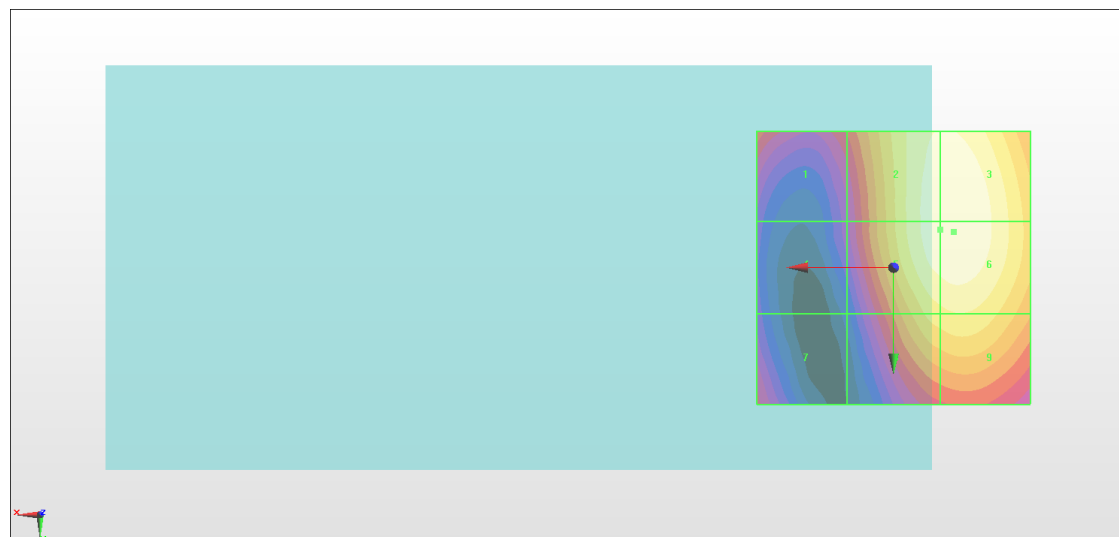
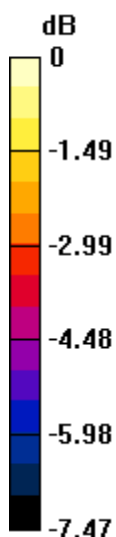
Grid 1 M3 31.17 dBV/m	Grid 2 M3 34.09 dBV/m	Grid 3 M3 34.19 dBV/m
Grid 4 M4 29.59 dBV/m	Grid 5 M3 34.1 dBV/m	Grid 6 M3 34.2 dBV/m
Grid 7 M3 30.46 dBV/m	Grid 8 M3 33.03 dBV/m	Grid 9 M3 33.19 dBV/m

Cursor:

Total = 34.20 dBV/m

E Category: M3

Location: -11, -6.5, 8.7 mm



0 dB = 51.31 V/m = 34.20 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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 32.34 V/m; Power Drift = 0.17 dB

Applied MIF = 3.26 dB

RF audio interference level = 32.81 dBV/m

Emission category: M4

MIF scaled E-field

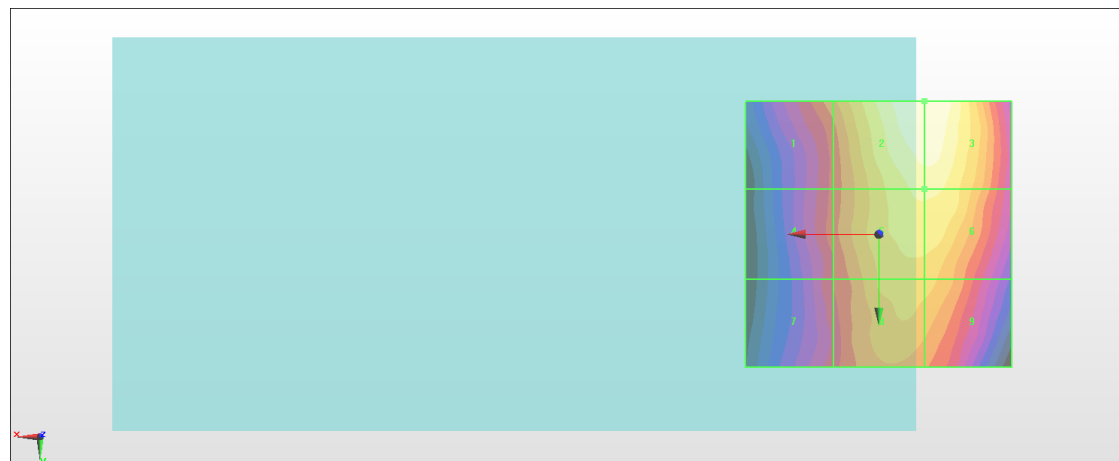
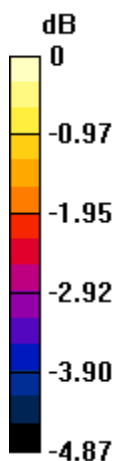
Grid 1 M4 31.14 dBV/m	Grid 2 M4 32.81 dBV/m	Grid 3 M4 32.81 dBV/m
Grid 4 M4 30.76 dBV/m	Grid 5 M4 32.27 dBV/m	Grid 6 M4 32.28 dBV/m
Grid 7 M4 30.56 dBV/m	Grid 8 M4 31.67 dBV/m	Grid 9 M4 31.66 dBV/m

Cursor:

Total = 32.81 dBV/m

E Category: M4

Location: -8.5, -25, 8.7 mm



0 dB = 43.71 V/m = 32.81 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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 29.50 V/m; Power Drift = -0.02 dB

Applied MIF = 3.26 dB

RF audio interference level = 32.61 dBV/m

Emission category: M4

MIF scaled E-field

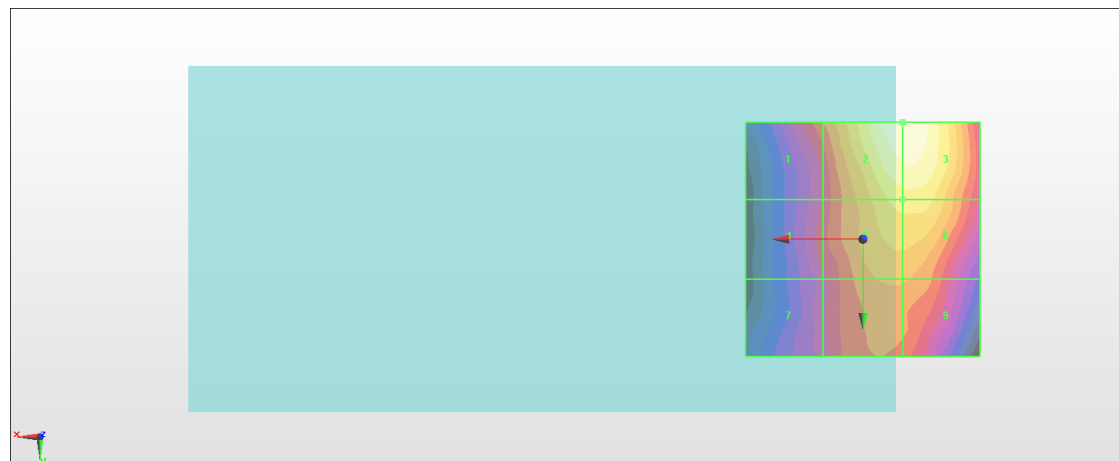
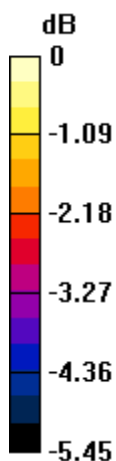
Grid 1 M4 30.45 dBV/m	Grid 2 M4 32.61 dBV/m	Grid 3 M4 32.61 dBV/m
Grid 4 M4 29.96 dBV/m	Grid 5 M4 31.72 dBV/m	Grid 6 M4 31.75 dBV/m
Grid 7 M4 29.66 dBV/m	Grid 8 M4 30.86 dBV/m	Grid 9 M4 30.85 dBV/m

Cursor:

Total = 32.61 dBV/m

E Category: M4

Location: -8.5, -25, 8.7 mm



0 dB = 42.70 V/m = 32.61 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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 25.53 V/m; Power Drift = 0.16 dB

Applied MIF = 3.26 dB

RF audio interference level = 32.40 dBV/m

Emission category: M4

MIF scaled E-field

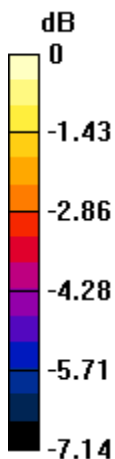
Grid 1 M4 28.77 dBV/m	Grid 2 M4 32.29 dBV/m	Grid 3 M4 32.4 dBV/m
Grid 4 M4 28.31 dBV/m	Grid 5 M4 31.07 dBV/m	Grid 6 M4 31.13 dBV/m
Grid 7 M4 28.15 dBV/m	Grid 8 M4 29.56 dBV/m	Grid 9 M4 29.56 dBV/m

Cursor:

Total = 32.40 dBV/m

E Category: M4

Location: -12, -24, 8.7 mm



0 dB = 41.70 V/m = 32.40 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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 14.86 V/m; Power Drift = -0.04 dB

Applied MIF = 3.26 dB

RF audio interference level = 29.14 dBV/m

Emission category: M4

MIF scaled E-field

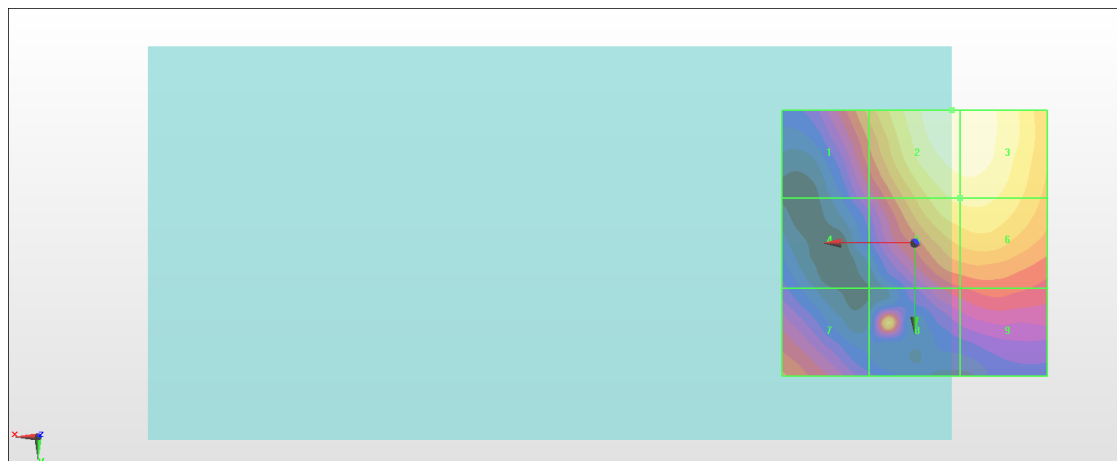
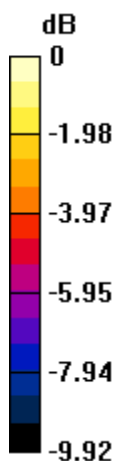
Grid 1 M4 26.15 dBV/m	Grid 2 M4 29.14 dBV/m	Grid 3 M4 29.12 dBV/m
Grid 4 M4 23.4 dBV/m	Grid 5 M4 28 dBV/m	Grid 6 M4 28.08 dBV/m
Grid 7 M4 25.33 dBV/m	Grid 8 M4 26.71 dBV/m	Grid 9 M4 24.91 dBV/m

Cursor:

Total = 29.14 dBV/m

E Category: M4

Location: -7, -25, 8.7 mm



0 dB = 28.65 V/m = 29.14 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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 17.63 V/m; Power Drift = 0.14 dB

Applied MIF = 3.26 dB

RF audio interference level = 29.35 dBV/m

Emission category: M4

MIF scaled E-field

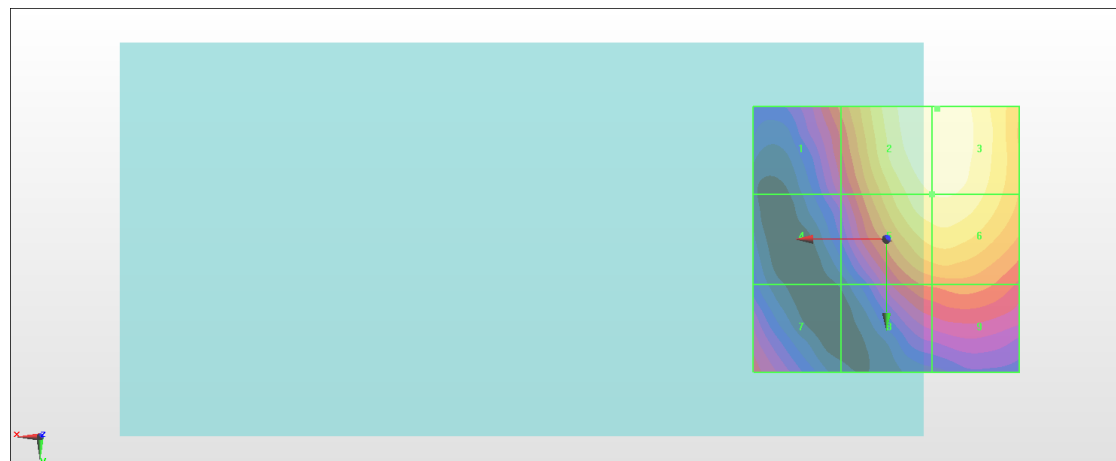
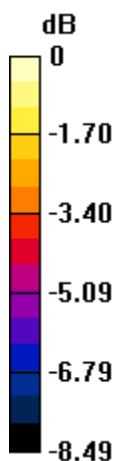
Grid 1 M4 26.19 dBV/m	Grid 2 M4 29.34 dBV/m	Grid 3 M4 29.35 dBV/m
Grid 4 M4 24.48 dBV/m	Grid 5 M4 28.78 dBV/m	Grid 6 M4 28.84 dBV/m
Grid 7 M4 25.13 dBV/m	Grid 8 M4 26.08 dBV/m	Grid 9 M4 26.32 dBV/m

Cursor:

Total = 29.35 dBV/m

E Category: M4

Location: -9.5, -24.5, 8.7 mm



0 dB = 29.34 V/m = 29.35 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, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 17.21 V/m; Power Drift = -0.05 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.85 dBV/m

Emission category: M4

MIF scaled E-field

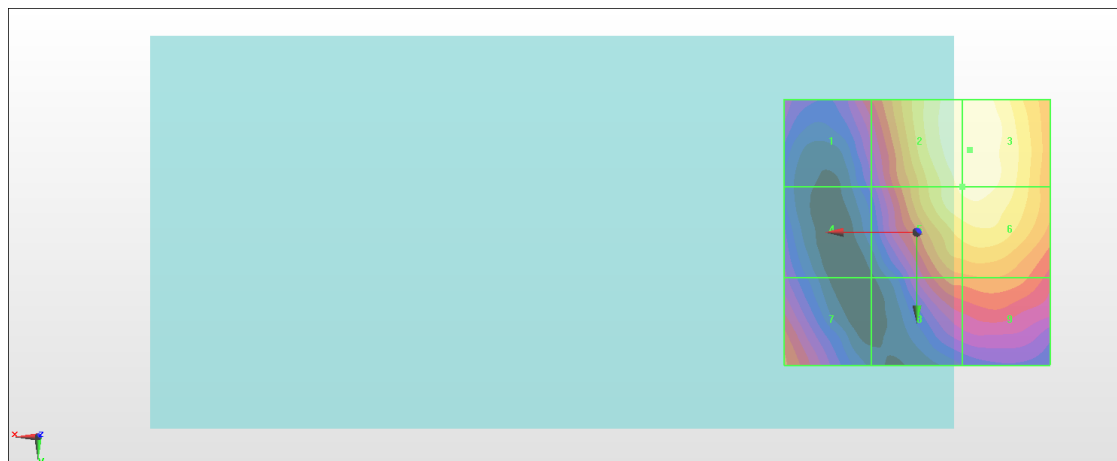
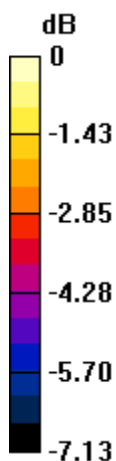
Grid 1 M4 25.56 dBV/m	Grid 2 M4 28.79 dBV/m	Grid 3 M4 28.85 dBV/m
Grid 4 M4 24.32 dBV/m	Grid 5 M4 28.49 dBV/m	Grid 6 M4 28.6 dBV/m
Grid 7 M4 26.14 dBV/m	Grid 8 M4 26.34 dBV/m	Grid 9 M4 26.51 dBV/m

Cursor:

Total = 28.85 dBV/m

E Category: M4

Location: -10, -15.5, 8.7 mm



0 dB = 27.72 V/m = 28.86 dBV/m

#13_HAC_E_CDMA BC10_ 1xRTT, RC1 SO3, 18th Rate_Ch476

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:8.3

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 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 33.23 V/m; Power Drift = 0.03 dB

Applied MIF = 3.26 dB

RF audio interference level = 32.67 dBV/m

Emission category: M4

MIF scaled E-field

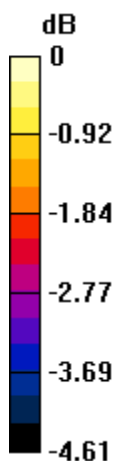
Grid 1 M4 31.2 dBV/m	Grid 2 M4 32.67 dBV/m	Grid 3 M4 32.66 dBV/m
Grid 4 M4 30.93 dBV/m	Grid 5 M4 32.3 dBV/m	Grid 6 M4 32.3 dBV/m
Grid 7 M4 30.61 dBV/m	Grid 8 M4 31.74 dBV/m	Grid 9 M4 31.72 dBV/m

Cursor:

Total = 32.67 dBV/m

E Category: M4

Location: -7.5, -22, 8.7 mm



0 dB = 43.01 V/m = 32.67 dBV/m

#14_HAC_E_CDMA BC10_ 1xRTT, RC1 SO3, 18th Rate_Ch580

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:8.3

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 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 33.15 V/m; Power Drift = 0.02 dB

Applied MIF = 3.26 dB

RF audio interference level = 32.69 dBV/m

Emission category: M4

MIF scaled E-field

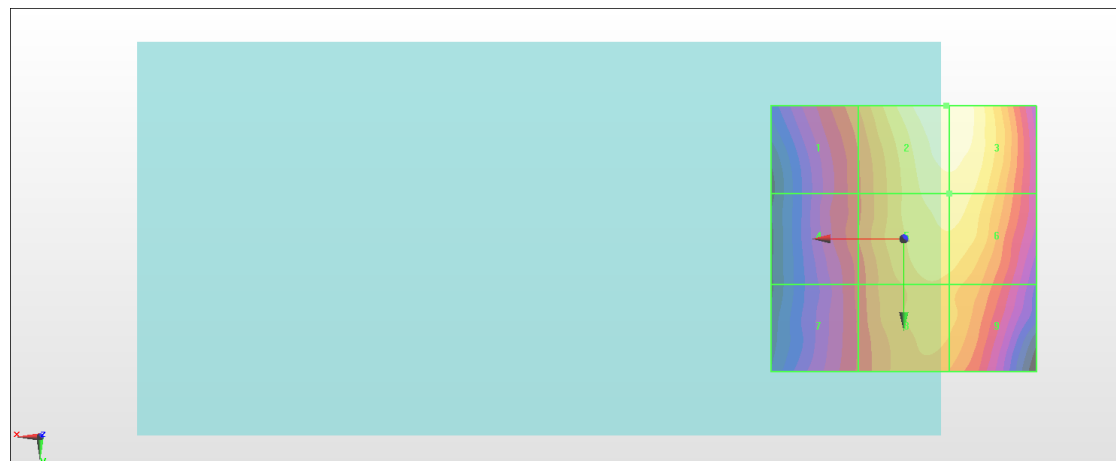
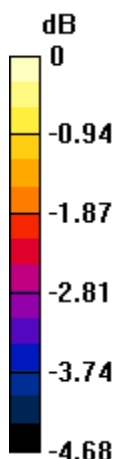
Grid 1 M4 31.15 dBV/m	Grid 2 M4 32.69 dBV/m	Grid 3 M4 32.68 dBV/m
Grid 4 M4 30.83 dBV/m	Grid 5 M4 32.26 dBV/m	Grid 6 M4 32.26 dBV/m
Grid 7 M4 30.63 dBV/m	Grid 8 M4 31.73 dBV/m	Grid 9 M4 31.62 dBV/m

Cursor:

Total = 32.69 dBV/m

E Category: M4

Location: -8, -25, 8.7 mm



0 dB = 43.09 V/m = 32.69 dBV/m

#15_HAC_E_CDMA BC10_ 1xRTT, RC1 SO3, 18th Rate_Ch684

Communication System: CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:8.3

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 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 34.06 V/m; Power Drift = -0.01 dB

Applied MIF = 3.26 dB

RF audio interference level = 33.07 dBV/m

Emission category: M4

MIF scaled E-field

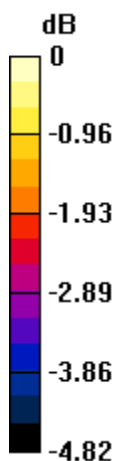
Grid 1 M4 31.48 dBV/m	Grid 2 M4 33.06 dBV/m	Grid 3 M4 33.07 dBV/m
Grid 4 M4 31.13 dBV/m	Grid 5 M4 32.57 dBV/m	Grid 6 M4 32.57 dBV/m
Grid 7 M4 30.86 dBV/m	Grid 8 M4 32.02 dBV/m	Grid 9 M4 31.97 dBV/m

Cursor:

Total = 33.07 dBV/m

E Category: M4

Location: -9, -20.5, 8.7 mm



0 dB = 45.01 V/m = 33.07 dBV/m

#16_HAC_E_LTE Band 38_20M_QPSK_1_49_Ch37850

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2580 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 25.49 V/m; Power Drift = -0.16 dB

Applied MIF = -1.62 dB

RF audio interference level = 27.00 dBV/m

Emission category: M4

MIF scaled E-field

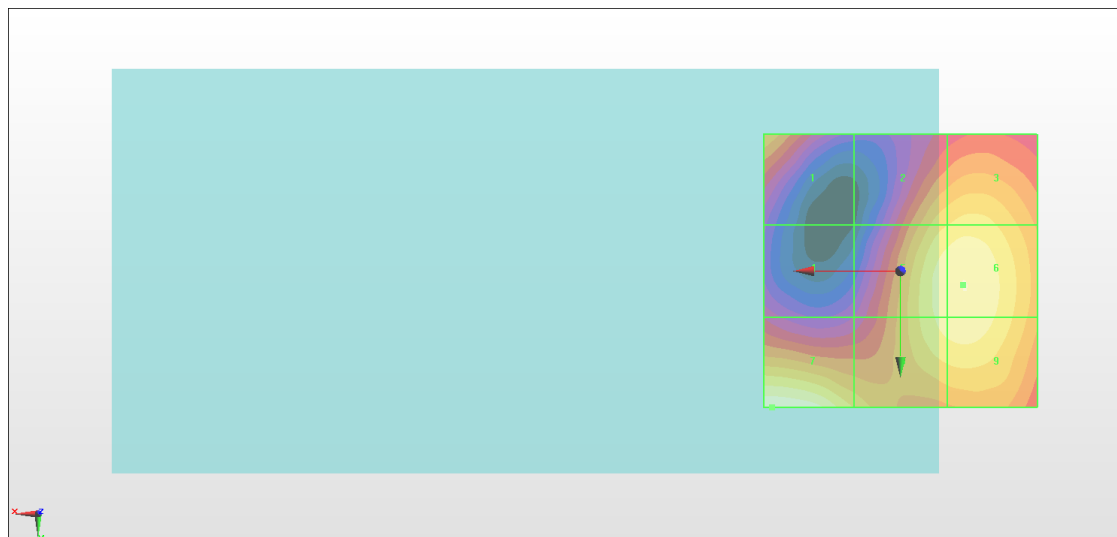
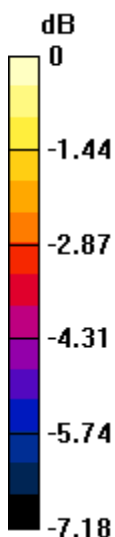
Grid 1 M4 25.13 dBV/m	Grid 2 M4 25.55 dBV/m	Grid 3 M4 25.81 dBV/m
Grid 4 M4 23.19 dBV/m	Grid 5 M4 26.38 dBV/m	Grid 6 M4 26.53 dBV/m
Grid 7 M4 27 dBV/m	Grid 8 M4 26.28 dBV/m	Grid 9 M4 26.41 dBV/m

Cursor:

Total = 27.00 dBV/m

E Category: M4

Location: 23.5, 25, 8.7 mm



0 dB = 22.39 V/m = 27.00 dBV/m

#17_HAC_E_LTE Band 38_20M_QPSK_1_49_Ch38000

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2595 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 27.46 V/m; Power Drift = 0.13 dB

Applied MIF = -1.62 dB

RF audio interference level = 27.47 dBV/m

Emission category: M4

MIF scaled E-field

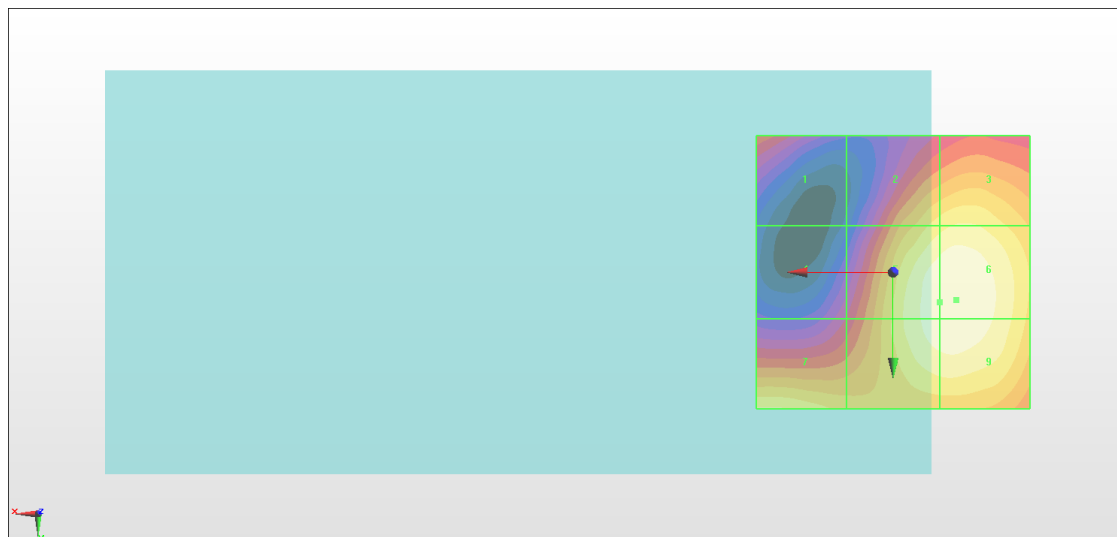
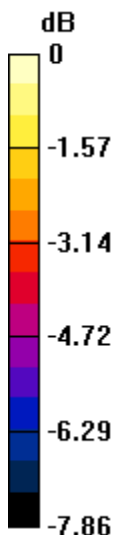
Grid 1 M4 24.27 dBV/m	Grid 2 M4 26.21 dBV/m	Grid 3 M4 26.5 dBV/m
Grid 4 M4 23.36 dBV/m	Grid 5 M4 27.36 dBV/m	Grid 6 M4 27.47 dBV/m
Grid 7 M4 26.52 dBV/m	Grid 8 M4 27.32 dBV/m	Grid 9 M4 27.41 dBV/m

Cursor:

Total = 27.47 dBV/m

E Category: M4

Location: -11.5, 5, 8.7 mm



0 dB = 23.64 V/m = 27.47 dBV/m

#18_HAC_E_LTE Band 38_20M_QPSK_1_49_Ch38150

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2610 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 18.75 V/m; Power Drift = 0.13 dB

Applied MIF = -1.62 dB

RF audio interference level = 26.10 dBV/m

Emission category: M4

MIF scaled E-field

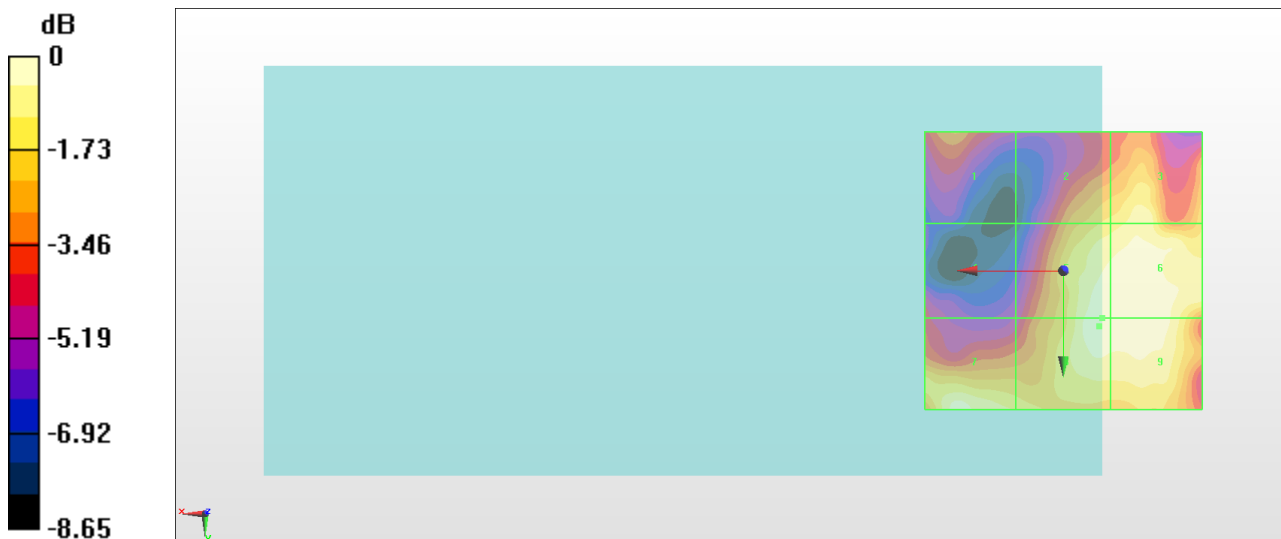
Grid 1 M4 23.33 dBV/m	Grid 2 M4 24.63 dBV/m	Grid 3 M4 25.52 dBV/m
Grid 4 M4 21.79 dBV/m	Grid 5 M4 26.06 dBV/m	Grid 6 M4 26.08 dBV/m
Grid 7 M4 25.91 dBV/m	Grid 8 M4 26.1 dBV/m	Grid 9 M4 26.03 dBV/m

Cursor:

Total = 26.10 dBV/m

E Category: M4

Location: -6.5, 10, 8.7 mm



0 dB = 20.19 V/m = 26.10 dBV/m

#29_HAC_E_LTE Band 41_20M_QPSK_1_49_Ch39750

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2506 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 17.15 V/m; Power Drift = 0.13 dB

Applied MIF = -1.62 dB

RF audio interference level = 26.76 dBV/m

Emission category: M4

MIF scaled E-field

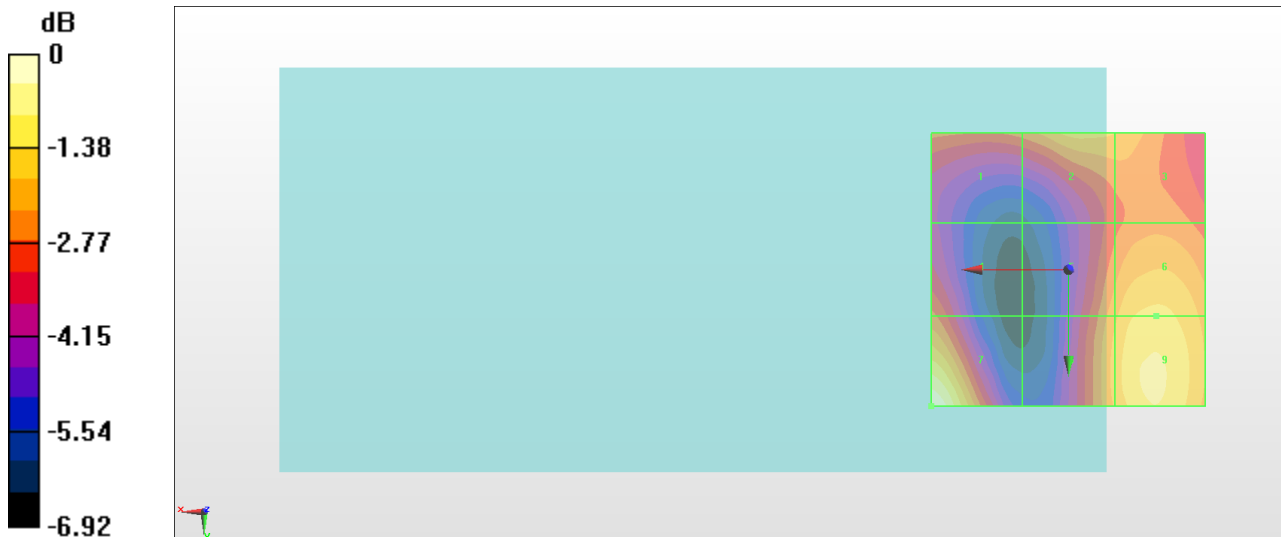
Grid 1 M4 24.24 dBV/m	Grid 2 M4 25.12 dBV/m	Grid 3 M4 24.94 dBV/m
Grid 4 M4 24.15 dBV/m	Grid 5 M4 24.83 dBV/m	Grid 6 M4 25.53 dBV/m
Grid 7 M4 26.76 dBV/m	Grid 8 M4 25.14 dBV/m	Grid 9 M4 25.97 dBV/m

Cursor:

Total = 26.76 dBV/m

E Category: M4

Location: 25, 25, 8.7 mm



0 dB = 21.79 V/m = 26.77 dBV/m

#20_HAC_E_LTE Band 41_20M_QPSK_1_49_Ch40185

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2549.5 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 24.68 V/m; Power Drift = -0.08 dB

Applied MIF = -1.62 dB

RF audio interference level = 28.57 dBV/m

Emission category: M4

MIF scaled E-field

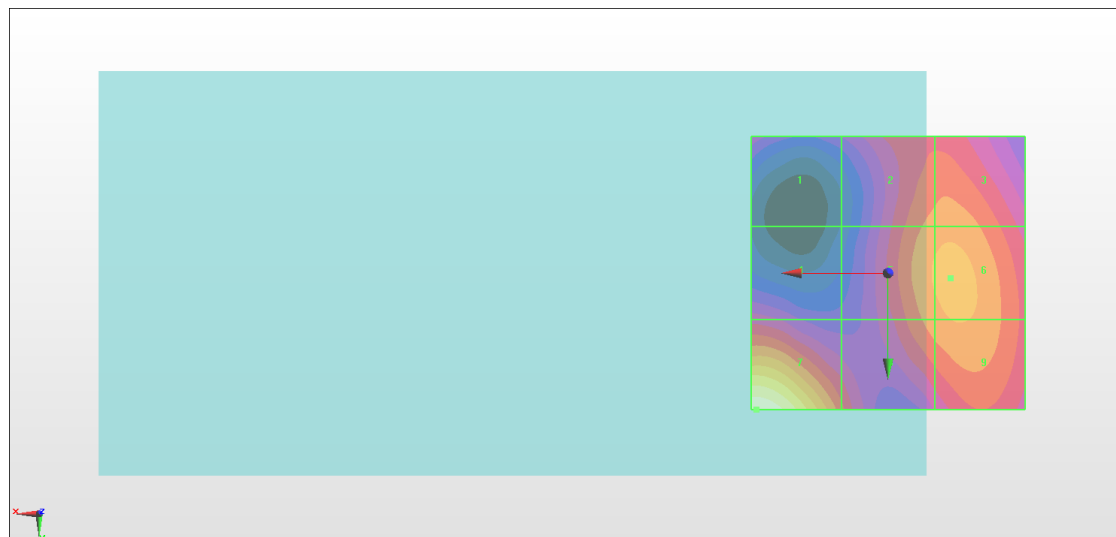
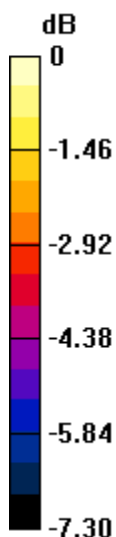
Grid 1 M4 24.16 dBV/m	Grid 2 M4 25.85 dBV/m	Grid 3 M4 25.95 dBV/m
Grid 4 M4 24.52 dBV/m	Grid 5 M4 26.19 dBV/m	Grid 6 M4 26.33 dBV/m
Grid 7 M4 28.57 dBV/m	Grid 8 M4 25.94 dBV/m	Grid 9 M4 26.17 dBV/m

Cursor:

Total = 28.57 dBV/m

E Category: M4

Location: 24, 25, 8.7 mm



0 dB = 26.83 V/m = 28.57 dBV/m

#21_HAC_E_LTE Band 41_20M_QPSK_1_49_Ch40620

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2593 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 27.39 V/m; Power Drift = 0.10 dB

Applied MIF = -1.62 dB

RF audio interference level = 27.67 dBV/m

Emission category: M4

MIF scaled E-field

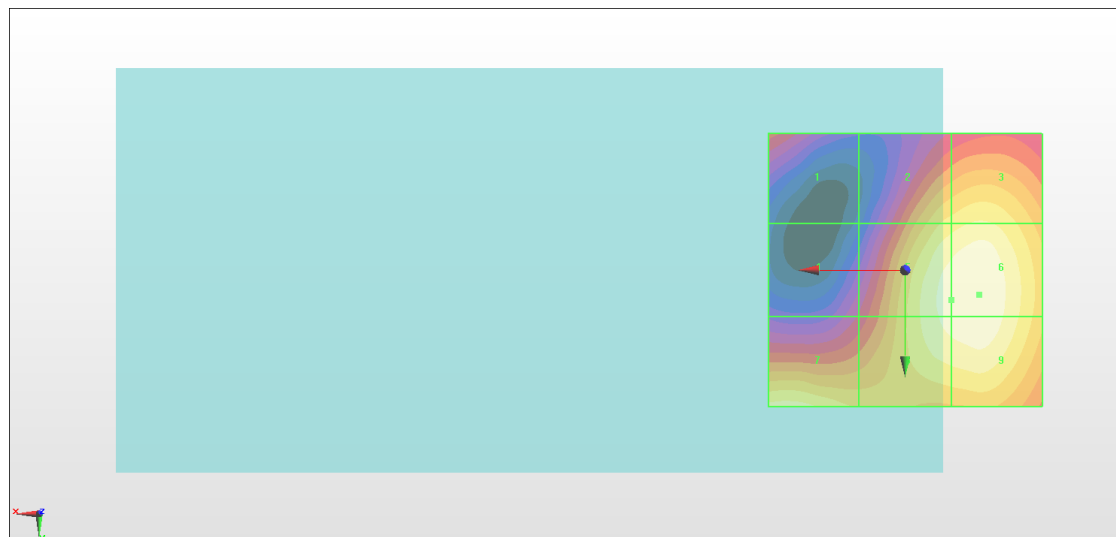
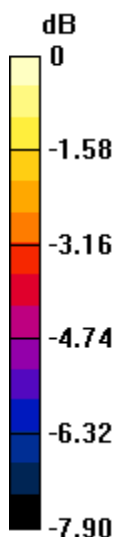
Grid 1 M4 24.28 dBV/m	Grid 2 M4 26.36 dBV/m	Grid 3 M4 26.7 dBV/m
Grid 4 M4 23.56 dBV/m	Grid 5 M4 27.41 dBV/m	Grid 6 M4 27.67 dBV/m
Grid 7 M4 26.89 dBV/m	Grid 8 M4 27.35 dBV/m	Grid 9 M4 27.57 dBV/m

Cursor:

Total = 27.67 dBV/m

E Category: M4

Location: -13.5, 4.5, 8.7 mm



0 dB = 24.18 V/m = 27.67 dBV/m

#22_HAC_E_LTE Band 41_20M_QPSK_1_49_Ch41055

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2636.5 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 21.45 V/m; Power Drift = 0.05 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.82 dBV/m

Emission category: M4

MIF scaled E-field

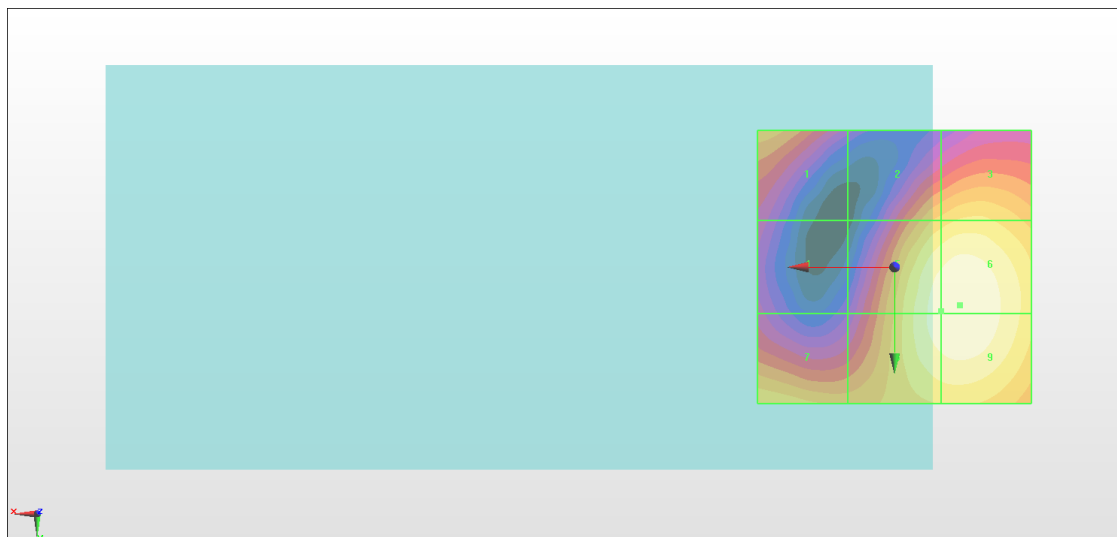
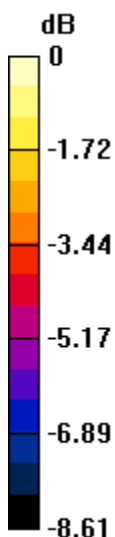
Grid 1 M4 23.37 dBV/m	Grid 2 M4 23.79 dBV/m	Grid 3 M4 24.28 dBV/m
Grid 4 M4 21.09 dBV/m	Grid 5 M4 25.61 dBV/m	Grid 6 M4 25.82 dBV/m
Grid 7 M4 24.17 dBV/m	Grid 8 M4 25.6 dBV/m	Grid 9 M4 25.81 dBV/m

Cursor:

Total = 25.82 dBV/m

E Category: M4

Location: -12, 7, 8.7 mm



0 dB = 19.55 V/m = 25.82 dBV/m

#23_HAC_E_LTE Band 41_20M_QPSK_1_49_Ch41490

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2680 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.3 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2480; ConvF(1, 1, 1); Calibrated: 2017/12/15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- 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 = 19.56 V/m; Power Drift = 0.04 dB

Applied MIF = -1.62 dB

RF audio interference level = 25.62 dBV/m

Emission category: M4

MIF scaled E-field

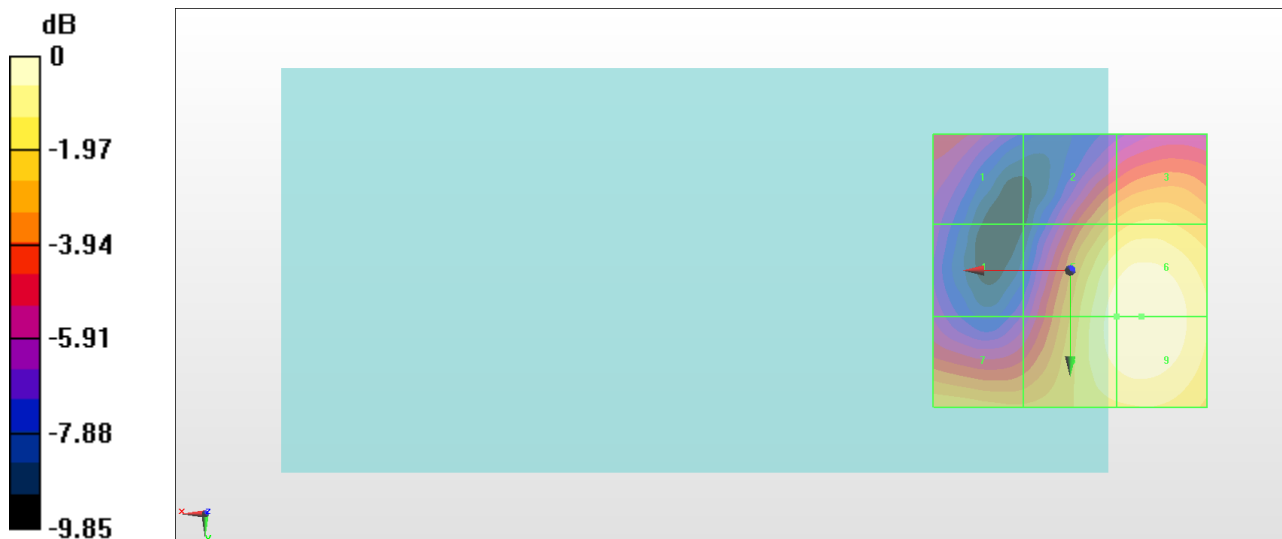
Grid 1 M4 20.98 dBV/m	Grid 2 M4 23.26 dBV/m	Grid 3 M4 23.85 dBV/m
Grid 4 M4 19.71 dBV/m	Grid 5 M4 25.31 dBV/m	Grid 6 M4 25.62 dBV/m
Grid 7 M4 23.63 dBV/m	Grid 8 M4 25.32 dBV/m	Grid 9 M4 25.62 dBV/m

Cursor:

Total = 25.62 dBV/m

E Category: M4

Location: -13, 8.5, 8.7 mm



0 dB = 19.10 V/m = 25.62 dBV/m