Annex D Plots of RF Test Results

HAC RF_GSM850_GSM Voice_Ch128_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz;Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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/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 = 59.90 V/m; Power Drift = -0.07 dB
Applied MIF = 3.63 dB
RF audio interference level = 37.20 dBV/m
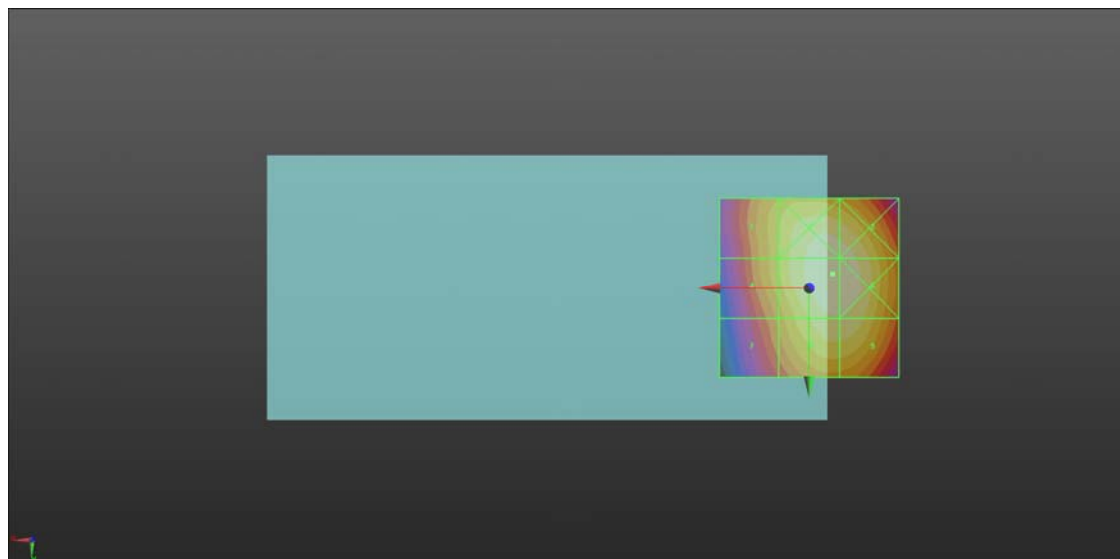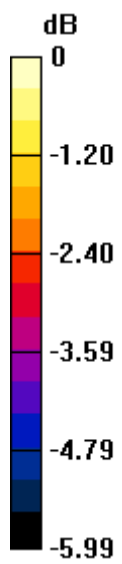**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** 35.98 dBV/m	Grid 2 **M4** 37.11 dBV/m	Grid 3 **M4** 37.07 dBV/m
Grid 4 **M4** 35.99 dBV/m	Grid 5 **M4** 37.2 dBV/m	Grid 6 **M4** 37.18 dBV/m
Grid 7 **M4** 35.36 dBV/m	Grid 8 **M4** 36.78 dBV/m	Grid 9 **M4** 36.77 dBV/m

Cursor:
Total = 37.20 dBV/m
E Category: M4
Location: -6.5, -4, 8.7 mm

0 dB = 72.41 V/m = 37.20 dBV/m

HAC RF_GSM850_GSM Voice_Ch189_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz;Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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/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 = 55.17 V/m; Power Drift = 0.08 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.67 dBV/m
Emission category: M4
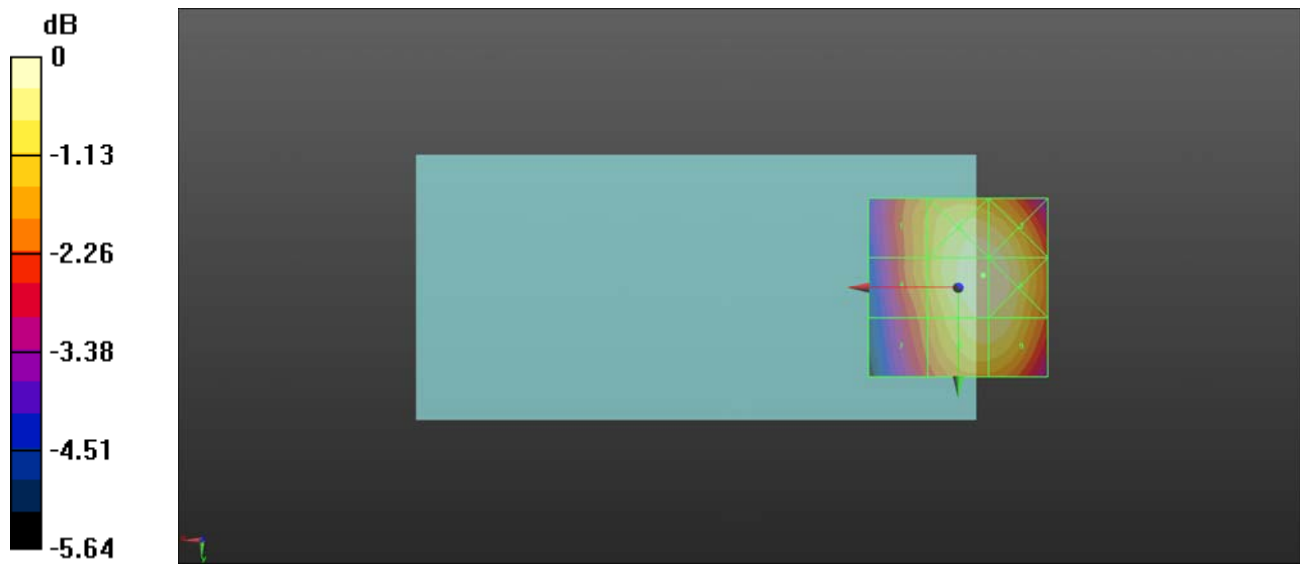
MIF scaled E-field

Grid 1 **M4** 35.36 dBV/m	Grid 2 **M4** 36.55 dBV/m	Grid 3 **M4** 36.52 dBV/m
Grid 4 **M4** 35.39 dBV/m	Grid 5 **M4** 36.67 dBV/m	Grid 6 **M4** 36.65 dBV/m
Grid 7 **M4** 34.86 dBV/m	Grid 8 **M4** 36.31 dBV/m	Grid 9 **M4** 36.3 dBV/m

Cursor:
Total = 36.67 dBV/m
E Category: M4
Location: -7, -3.5, 8.7 mm

0 dB = 68.13 V/m = 36.67 dBV/m

HAC RF_GSM850_GSM Voice_Ch251_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz;Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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/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 = 54.83 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.43 dBV/m
Emission category: M4
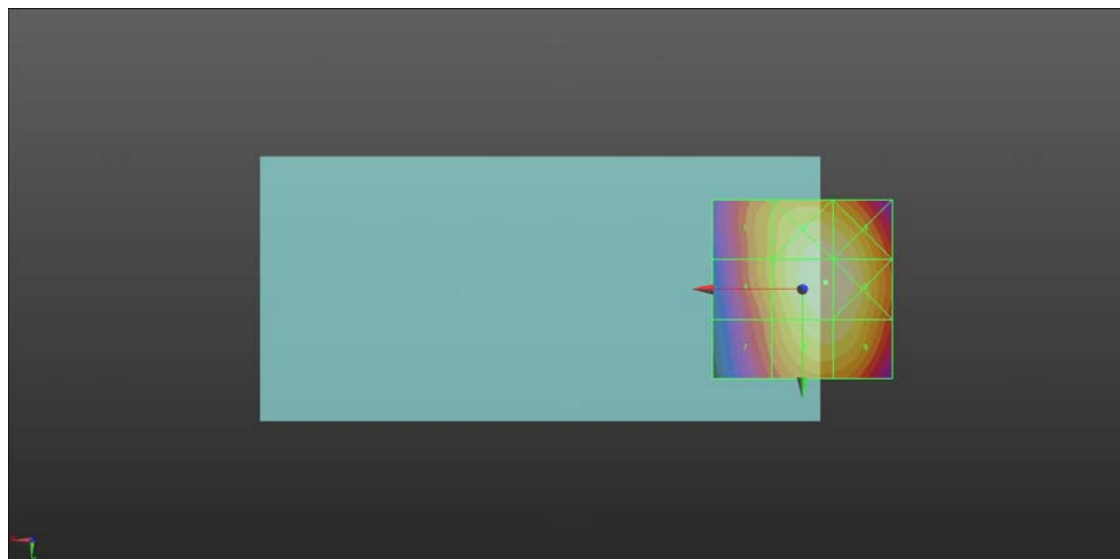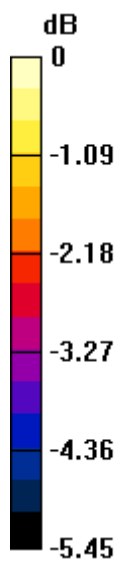
MIF scaled E-field

| Grid 1 **M4** 35.18 dBV/m	Grid 2 **M4** 36.33 dBV/m	Grid 3 **M4** 36.28 dBV/m
Grid 4 **M4** 35.23 dBV/m	Grid 5 **M4** 36.43 dBV/m	Grid 6 **M4** 36.4 dBV/m
Grid 7 **M4** 34.69 dBV/m	Grid 8 **M4** 36.09 dBV/m	Grid 9 **M4** 36.05 dBV/m

Cursor:
Total = 36.43 dBV/m
E Category: M4
Location: -6.5, -2, 8.7 mm

0 dB = 66.28 V/m = 36.43 dBV/m

HAC RF_GSM1900_GSM Voice_Ch512_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz;Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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/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 = 7.647 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 24.51 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** 27.32 dBV/m	Grid 2 **M4** 27.33 dBV/m	Grid 3 **M4** 26.23 dBV/m
Grid 4 **M4** 23.17 dBV/m	Grid 5 **M4** 24.13 dBV/m	Grid 6 **M4** 24.09 dBV/m
Grid 7 **M4** 24.51 dBV/m	Grid 8 **M4** 24.03 dBV/m	Grid 9 **M4** 22.28 dBV/m

Cursor:
Total = 27.33 dBV/m
E Category: M4
Location: 7, -25, 8.7 mm

HAC RF_GSM1900_GSM Voice_Ch512_E
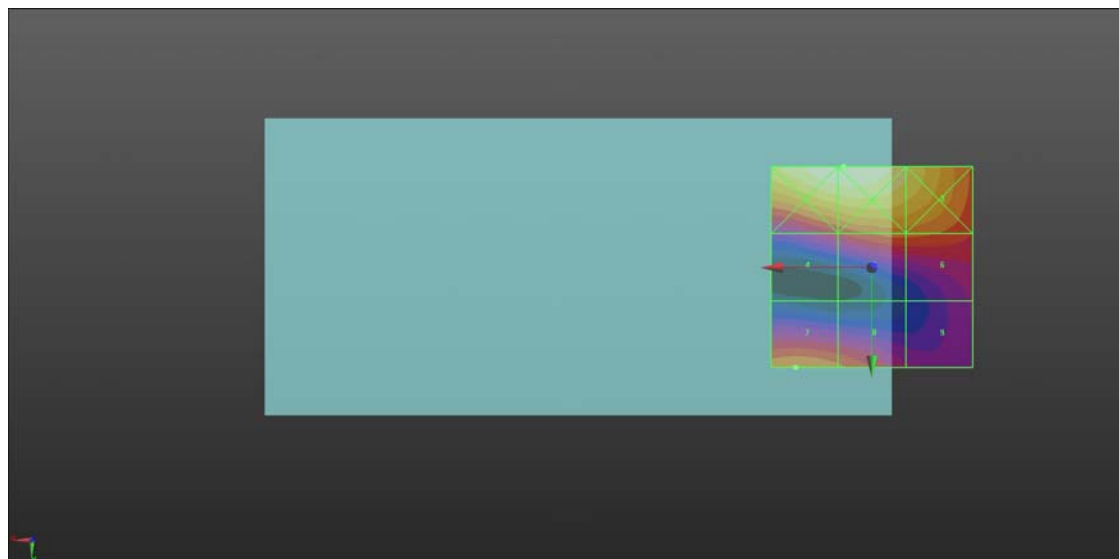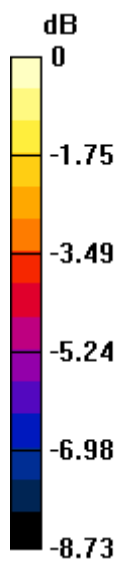
0 dB = 23.26 V/m = 27.33 dBV/m

HAC RF_GSM1900_GSM Voice_Ch661_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz;Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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/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 = 8.215 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.88 dBV/m

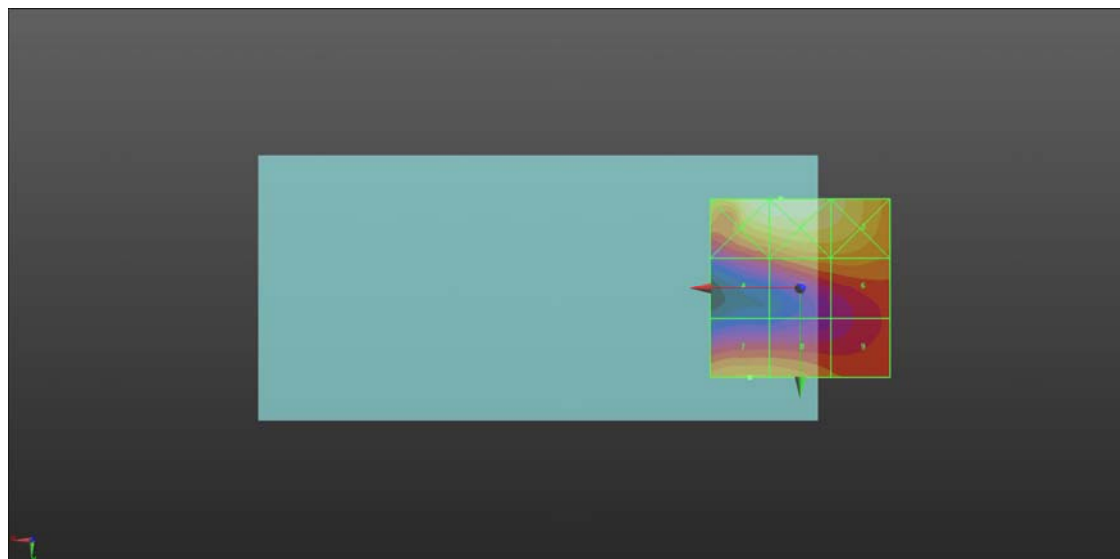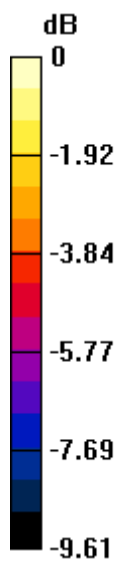**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **28.23 dBV/m**	Grid 2 **M4** **28.28 dBV/m**	Grid 3 **M4** **27.46 dBV/m**
Grid 4 **M4** **24.1 dBV/m**	Grid 5 **M4** **25.48 dBV/m**	Grid 6 **M4** **25.5 dBV/m**
Grid 7 **M4** **25.88 dBV/m**	Grid 8 **M4** **25.81 dBV/m**	Grid 9 **M4** **24.65 dBV/m**

Cursor:
Total = 28.28 dBV/m
E Category: M4
Location: 5.5, -25, 8.7 mm

HAC RF_GSM1900_GSM Voice_Ch661_E

0 dB = 25.93 V/m = 28.28 dBV/m

HAC RF_GSM1900_GSM Voice_Ch810_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz;Duty Cycle: 1:8.3

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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/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 = 6.307 V/m; Power Drift = -0.17 dB
Applied MIF = 3.63 dB
RF audio interference level = 25.53 dBV/m
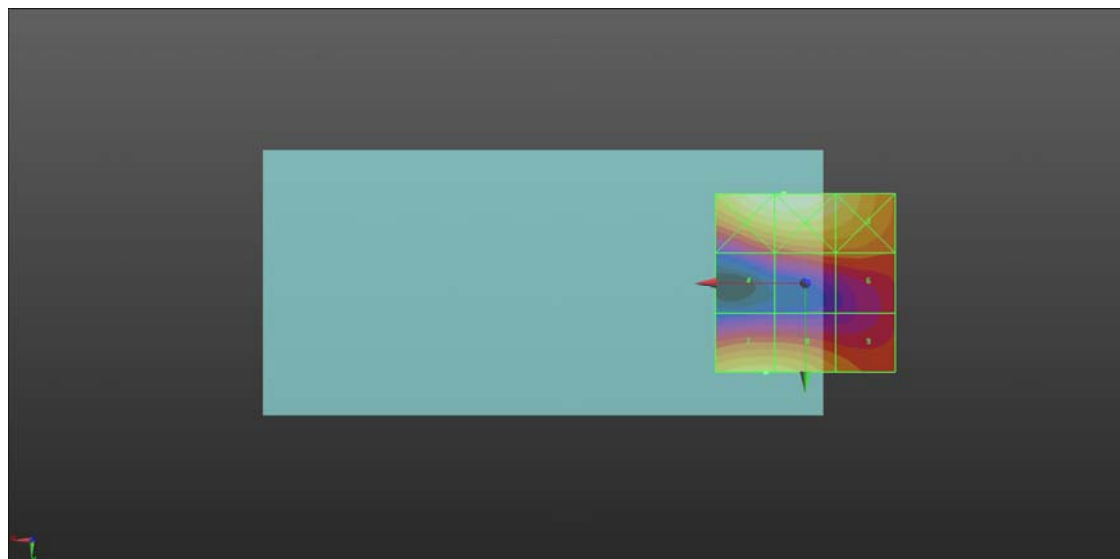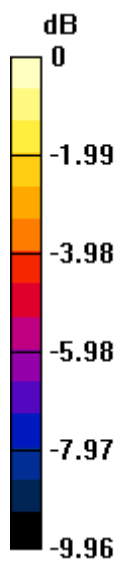**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** 26.97 dBV/m	Grid 2 **M4** 27.03 dBV/m	Grid 3 **M4** 26.02 dBV/m
Grid 4 **M4** 22.36 dBV/m	Grid 5 **M4** 23.41 dBV/m	Grid 6 **M4** 23.44 dBV/m
Grid 7 **M4** 25.53 dBV/m	Grid 8 **M4** 25.48 dBV/m	Grid 9 **M4** 23.89 dBV/m

Cursor:
Total = 27.03 dBV/m
E Category: M4
Location: 6, -25, 8.7 mm

0 dB = 22.46 V/m = 27.03 dBV/m

HAC RF_CDMA2000 BC0_RC1 SO3_Ch1013_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 815.04 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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/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 = 20.91 V/m; Power Drift = -0.03 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.00 dBV/m
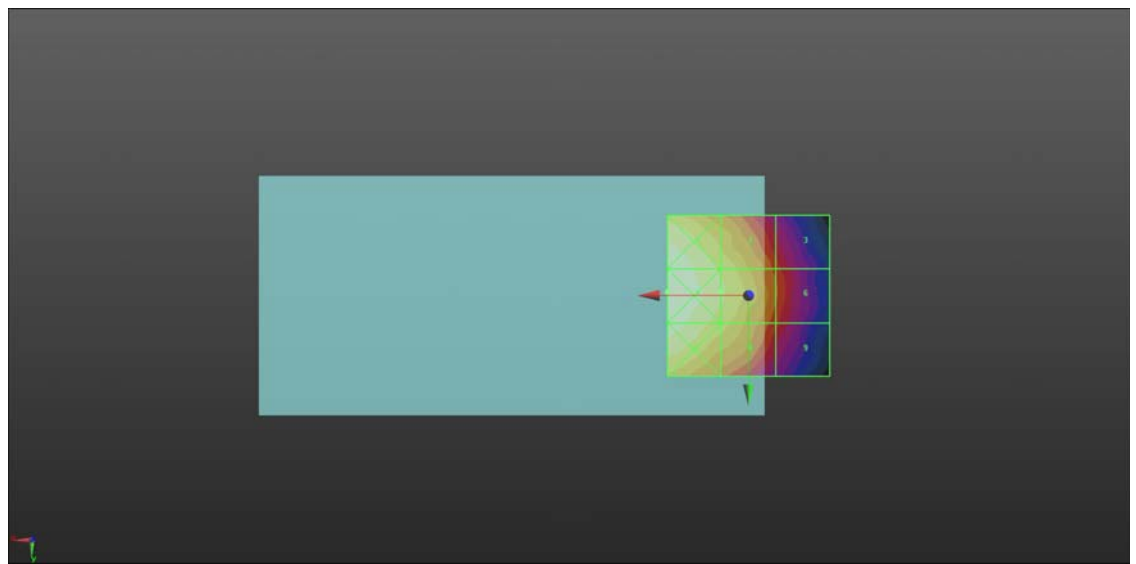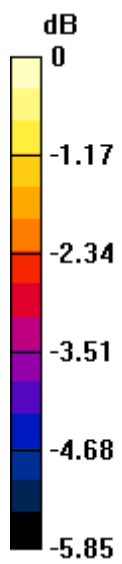**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **28.61 dBV/m**	Grid 2 **M4** **27.84 dBV/m**	Grid 3 **M4** **26.2 dBV/m**
Grid 4 **M4** **28.7 dBV/m**	Grid 5 **M4** **28 dBV/m**	Grid 6 **M4** **26.43 dBV/m**
Grid 7 **M4** **28.52 dBV/m**	Grid 8 **M4** **27.74 dBV/m**	Grid 9 **M4** **26.09 dBV/m**

Cursor:
Total = 28.70 dBV/m
E Category: M4
Location: 25, -1, 8.7 mm

0 dB = 27.24 V/m = 28.70 dBV/m

HAC RF_CDMA2000 BC0_RC1 SO3_Ch384_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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/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 = 21.80 V/m; Power Drift = -0.05 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.37 dBV/m
Emission category: M4

MIF scaled E-field

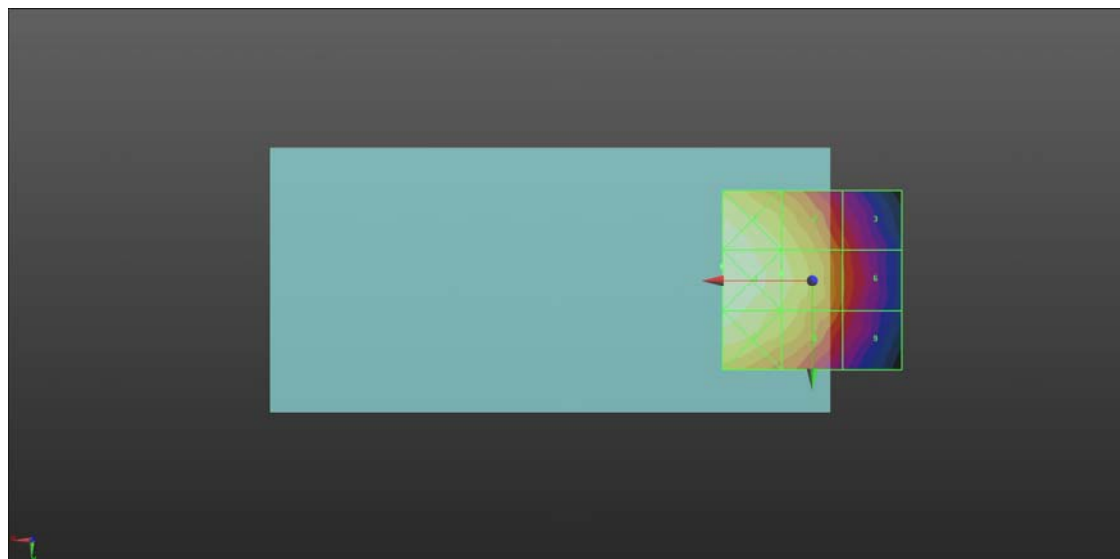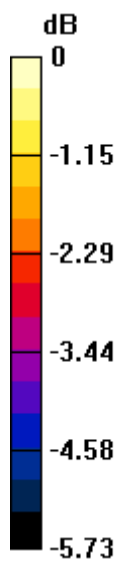| Grid 1 **M4** **28.9 dBV/m**	Grid 2 **M4** **28.26 dBV/m**	Grid 3 **M4** **26.62 dBV/m**
Grid 4 **M4** **28.99 dBV/m**	Grid 5 **M4** **28.37 dBV/m**	Grid 6 **M4** **26.78 dBV/m**
Grid 7 **M4** **28.85 dBV/m**	Grid 8 **M4** **28.11 dBV/m**	Grid 9 **M4** **26.51 dBV/m**

Cursor:
Total = 28.99 dBV/m
E Category: M4
Location: 25, -4, 8.7 mm

0 dB = 28.16 V/m = 28.99 dBV/m

HAC RF_CDMA2000 BC0_RC1 SO3_Ch777_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.97 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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/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 = 21.38 V/m; Power Drift = 0.07 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.24 dBV/m
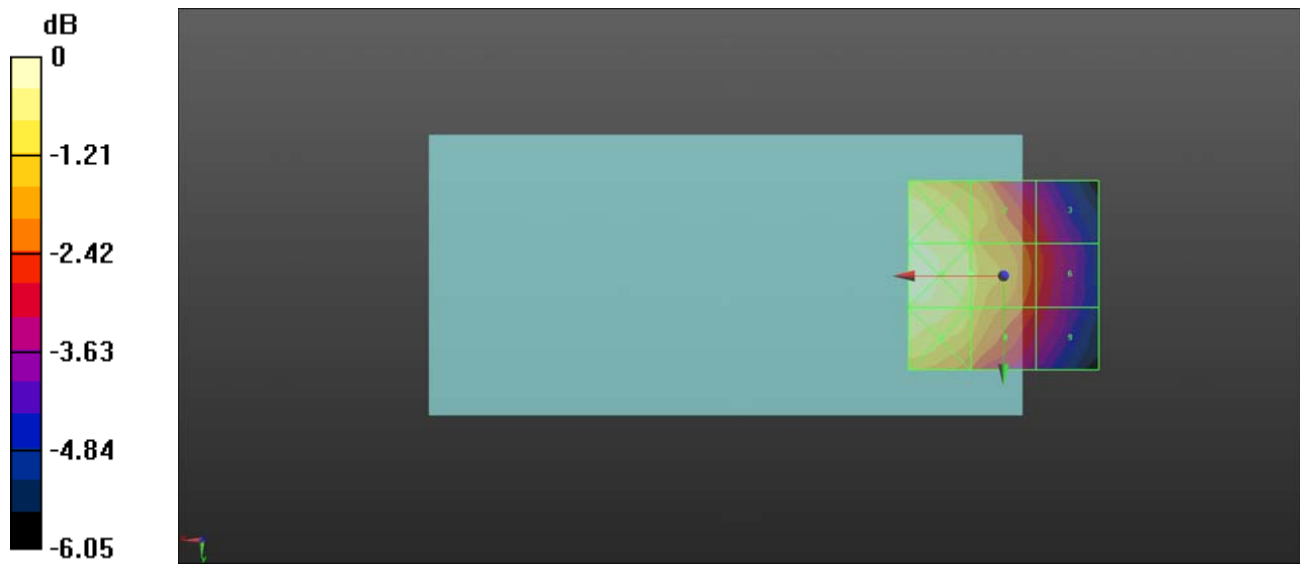**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **28.9 dBV/m**	Grid 2 **M4** **27.97 dBV/m**	Grid 3 **M4** **26.4 dBV/m**
Grid 4 **M4** **29.12 dBV/m**	Grid 5 **M4** **28.24 dBV/m**	Grid 6 **M4** **26.58 dBV/m**
Grid 7 **M4** **28.68 dBV/m**	Grid 8 **M4** **27.96 dBV/m**	Grid 9 **M4** **26.3 dBV/m**

Cursor:
Total = 29.12 dBV/m
E Category: M4
Location: 25, -0.5, 8.7 mm

0 dB = 28.59 V/m = 29.12 dBV/m

HAC RF_CDMA2000 BC1_RC1 SO3_Ch25_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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/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 = 20.58 V/m; Power Drift = -0.09 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.82 dBV/m
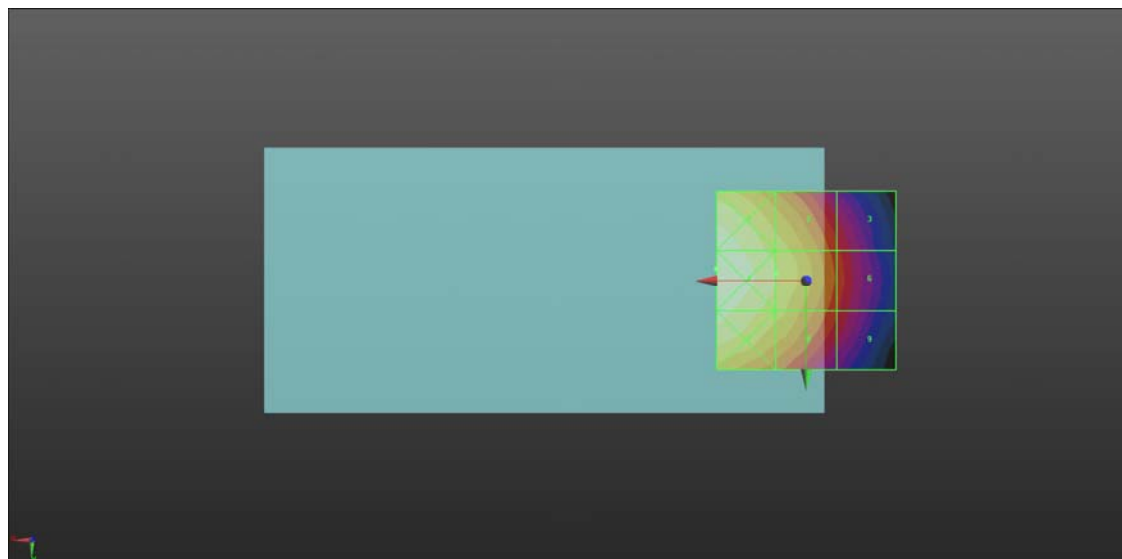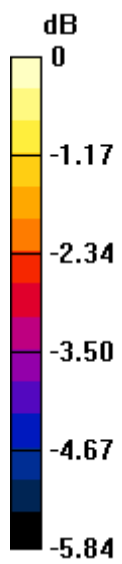**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **28.4 dBV/m**	Grid 2 **M4** **27.63 dBV/m**	Grid 3 **M4** **25.96 dBV/m**
Grid 4 **M4** **28.56 dBV/m**	Grid 5 **M4** **27.82 dBV/m**	Grid 6 **M4** **26.16 dBV/m**
Grid 7 **M4** **28.35 dBV/m**	Grid 8 **M4** **27.54 dBV/m**	Grid 9 **M4** **25.92 dBV/m**

Cursor:
Total = 28.56 dBV/m
E Category: M4
Location: 25, -3.5, 8.7 mm

0 dB = 26.79 V/m = 28.56 dBV/m

HAC RF_CDMA2000 BC1_RC1 SO3_Ch600_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: σ = 0 S/m, $ε_r$ = 1; ρ = 0 kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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/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 = 21.43 V/m; Power Drift = -0.15 dB

Applied MIF = 3.26 dB

RF audio interference level = 28.15 dBV/m

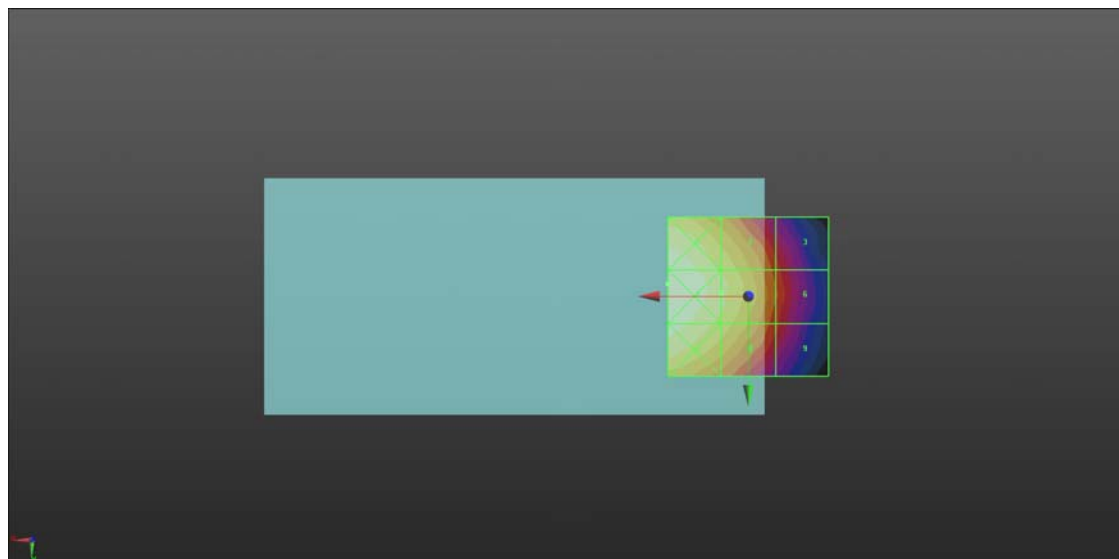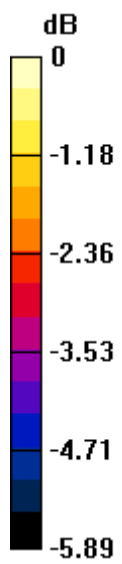**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** 28.67 dBV/m	Grid 2 **M4** 27.95 dBV/m	Grid 3 **M4** 26.28 dBV/m
Grid 4 **M4** 28.8 dBV/m	Grid 5 **M4** 28.15 dBV/m	Grid 6 **M4** 26.53 dBV/m
Grid 7 **M4** 28.6 dBV/m	Grid 8 **M4** 27.87 dBV/m	Grid 9 **M4** 26.22 dBV/m

Cursor:

Total = 28.80 dBV/m

E Category: M4

Location: 25, -4, 8.7 mm

0 dB = 27.54 V/m = 28.80 dBV/m

HAC RF_CDMA2000 BC1_RC1 SO3_Ch1175_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1909.95 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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/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 = 21.75 V/m; Power Drift = -0.13 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.92 dBV/m
Emission category: M4

MIF scaled E-field

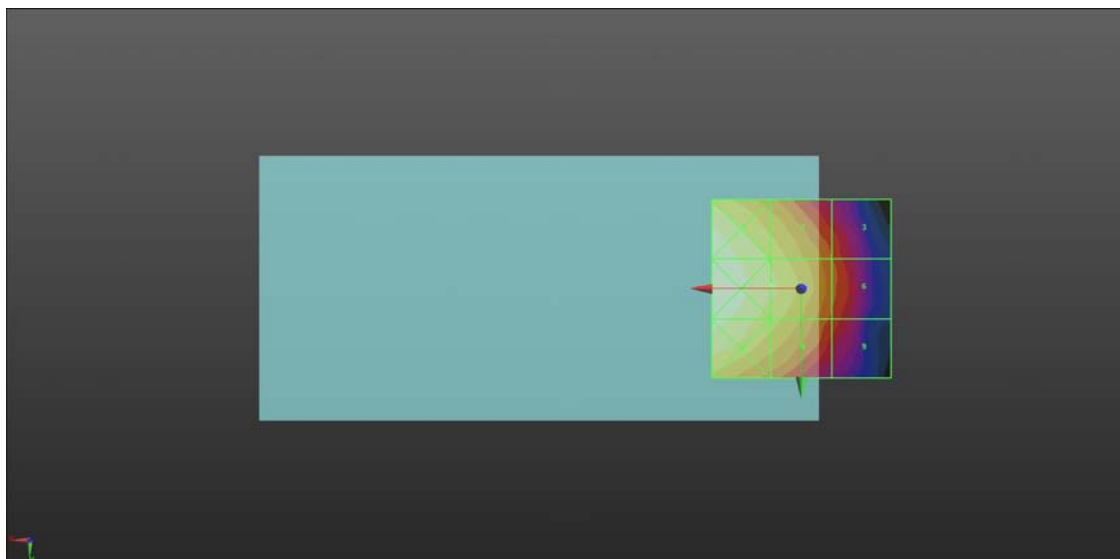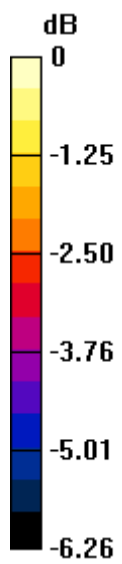| Grid 1 **M4**	Grid 2 **M4**	Grid 3 **M4**
28.53 dBV/m	**27.72 dBV/m**	**26.17 dBV/m**
Grid 4 **M4**	Grid 5 **M4**	Grid 6 **M4**
28.64 dBV/m	**27.92 dBV/m**	**26.36 dBV/m**
Grid 7 **M4**	Grid 8 **M4**	Grid 9 **M4**
28.34 dBV/m	**27.59 dBV/m**	**26.06 dBV/m**

Cursor:
Total = 28.64 dBV/m
E Category: M4
Location: 25, -1, 8.7 mm

0 dB = 27.03 V/m = 28.64 dBV/m

HAC RF_CDMA2000 BC10_RC1 SO3_Ch476_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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)

Ch476/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 = 20.61 V/m; Power Drift = 0.12 dB
Applied MIF = 3.26 dB
RF audio interference level = 28.08 dBV/m
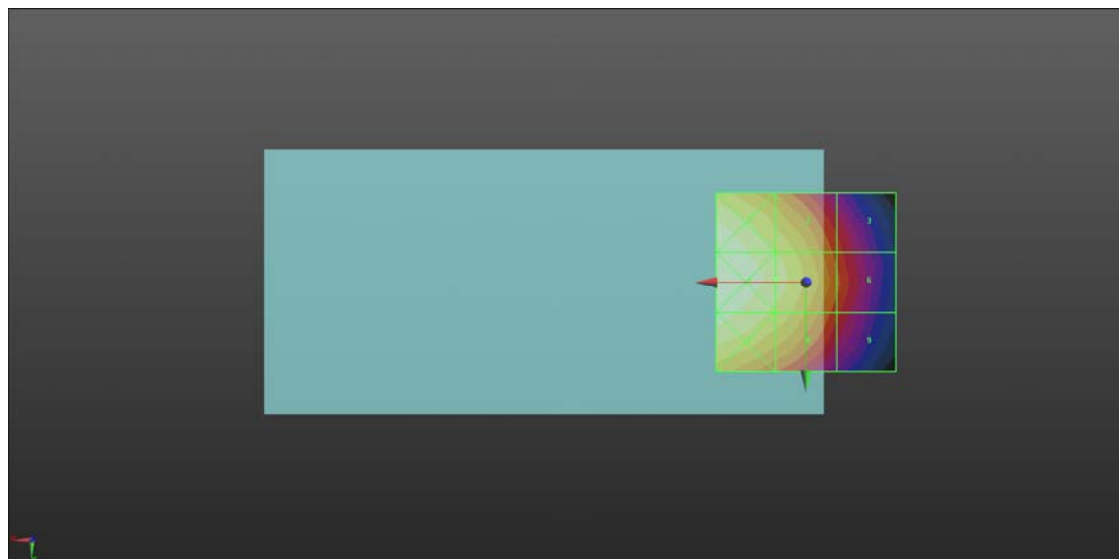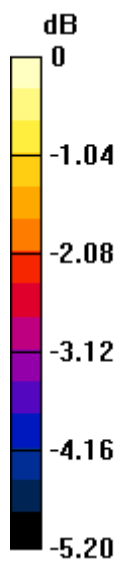**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** 28.46 dBV/m	Grid 2 **M4** 27.88 dBV/m	Grid 3 **M4** 26.38 dBV/m
Grid 4 **M4** 28.58 dBV/m	Grid 5 **M4** 28.08 dBV/m	Grid 6 **M4** 26.61 dBV/m
Grid 7 **M4** 28.41 dBV/m	Grid 8 **M4** 27.79 dBV/m	Grid 9 **M4** 26.29 dBV/m

Cursor:
Total = 28.58 dBV/m
E Category: M4
Location: 25, 0, 8.7 mm

0 dB = 26.84 V/m = 28.58 dBV/m

HAC RF_CDMA2000 BC10_RC1 SO3_Ch580_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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)

Ch580/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 = 20.93 V/m; Power Drift = -0.15 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.96 dBV/m
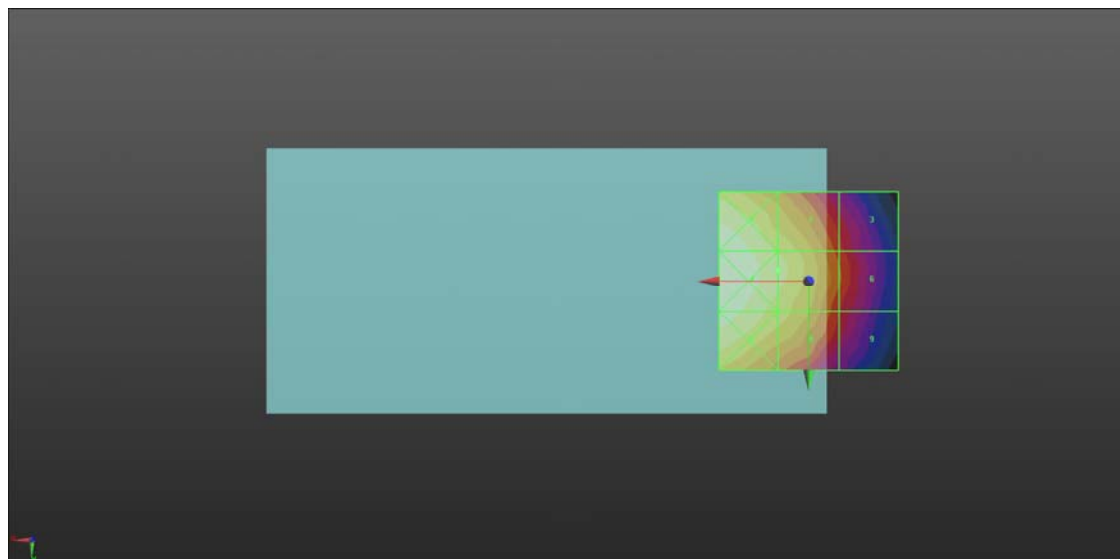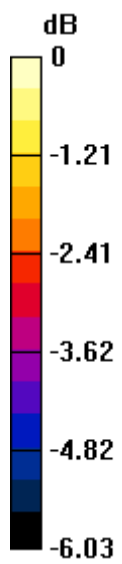**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **28.51 dBV/m**	Grid 2 **M4** **27.77 dBV/m**	Grid 3 **M4** **26.01 dBV/m**
Grid 4 **M4** **28.61 dBV/m**	Grid 5 **M4** **27.96 dBV/m**	Grid 6 **M4** **26.3 dBV/m**
Grid 7 **M4** **28.42 dBV/m**	Grid 8 **M4** **27.61 dBV/m**	Grid 9 **M4** **25.85 dBV/m**

Cursor:
Total = 28.61 dBV/m
E Category: M4
Location: 25, -1, 8.7 mm

0 dB = 26.96 V/m = 28.61 dBV/m

HAC RF_CDMA2000 BC10_RC1 SO3_Ch684_E

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.98 MHz;Duty Cycle: 1:1

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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)

Ch684/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 = 20.73 V/m; Power Drift = -0.12 dB
Applied MIF = 3.26 dB
RF audio interference level = 27.89 dBV/m
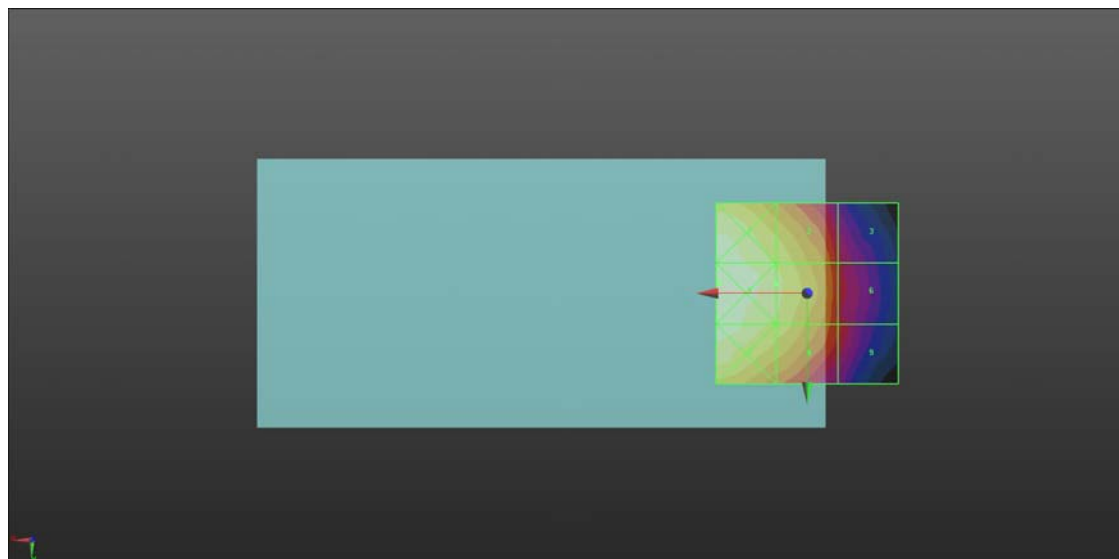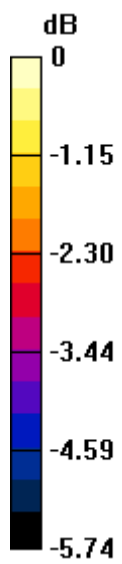**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** **28.44 dBV/m**	Grid 2 **M4** **27.73 dBV/m**	Grid 3 **M4** **25.72 dBV/m**
Grid 4 **M4** **28.55 dBV/m**	Grid 5 **M4** **27.89 dBV/m**	Grid 6 **M4** **25.92 dBV/m**
Grid 7 **M4** **28.39 dBV/m**	Grid 8 **M4** **27.64 dBV/m**	Grid 9 **M4** **25.95 dBV/m**

Cursor:
Total = 28.55 dBV/m
E Category: M4
Location: 24, -3, 8.7 mm

0 dB = 26.77 V/m = 28.55 dBV/m

HAC RF_LTE Band 41_20M_QPSK_1RB_0offset_12.2Kbps_Ch39750_E

Communication System: UID 10172 - CAB, 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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)

Ch39750/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 = 4.197 V/m; Power Drift = 0.11 dB
Applied MIF = -1.62 dB
RF audio interference level = 14.14 dBV/m
Emission category: M4

MIF scaled E-field

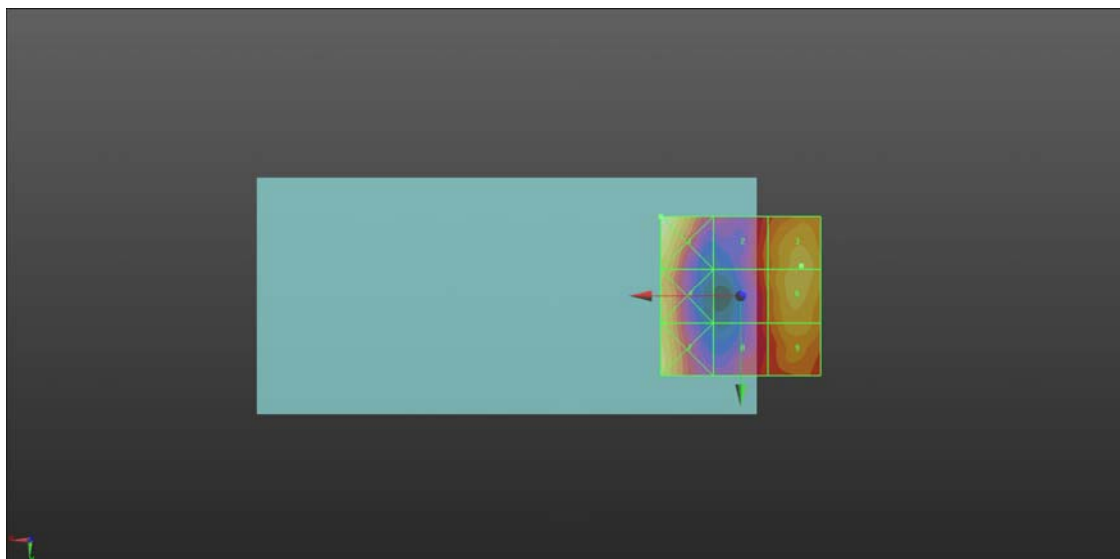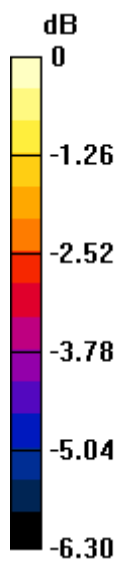| Grid 1 **M4** 15.11 dBV/m	Grid 2 **M4** 12.9 dBV/m	Grid 3 **M4** 14.14 dBV/m
Grid 4 **M4** 13.77 dBV/m	Grid 5 **M4** 12.91 dBV/m	Grid 6 **M4** 14.13 dBV/m
Grid 7 **M4** 14.11 dBV/m	Grid 8 **M4** 12.51 dBV/m	Grid 9 **M4** 13.75 dBV/m

Cursor:
Total = 15.11 dBV/m
E Category: M4
Location: 25, -25, 8.7 mm

0 dB = 5.695 V/m = 15.11 dBV/m

HAC RF_LTE Band 41_20M_QPSK_1RB_0offset_12.2Kbps_Ch40185_E

Communication System: UID 10172 - CAB, 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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)

Ch40185/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 = 4.177 V/m; Power Drift = 0.08 dB
Applied MIF = -1.62 dB
RF audio interference level = 13.51 dBV/m
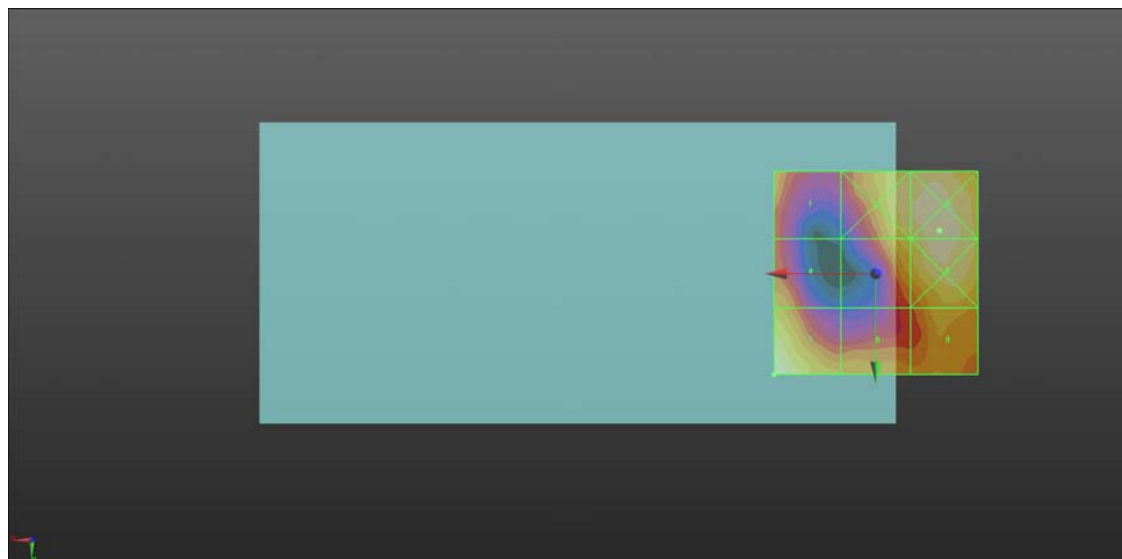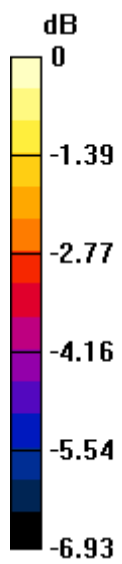**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** 11.92 dBV/m	Grid 2 **M4** 13.14 dBV/m	Grid 3 **M4** 13.62 dBV/m
Grid 4 **M4** 11.9 dBV/m	Grid 5 **M4** 12.62 dBV/m	Grid 6 **M4** 13.54 dBV/m
Grid 7 **M4** 13.51 dBV/m	Grid 8 **M4** 11.85 dBV/m	Grid 9 **M4** 12.2 dBV/m

Cursor:
Total = 13.62 dBV/m
E Category: M4
Location: -15.5, -10.5, 8.7 mm

0 dB = 4.799 V/m = 13.62 dBV/m

HAC RF_LTE Band 41_20M_QPSK_1RB_0offset_12.2Kbps_Ch40620_E

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK); Frequency: 2593 MHz;Duty Cycle: 1:1.59

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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)

Ch40620/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 = 4.966 V/m; Power Drift = 0.06 dB
Applied MIF = -1.64 dB
RF audio interference level = 13.72 dBV/m
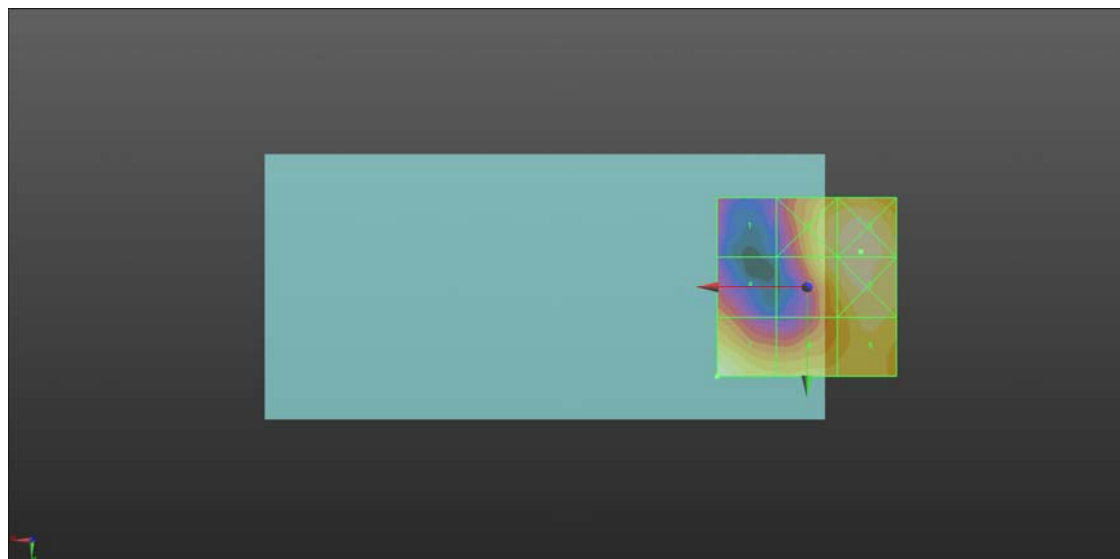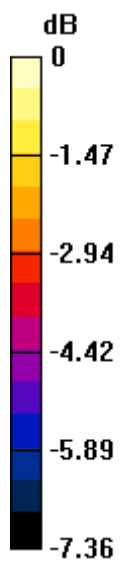**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** 10.49 dBV/m	Grid 2 **M4** 13.49 dBV/m	Grid 3 **M4** 14.01 dBV/m
Grid 4 **M4** 11.55 dBV/m	Grid 5 **M4** 13.43 dBV/m	Grid 6 **M4** 13.99 dBV/m
Grid 7 **M4** 13.72 dBV/m	Grid 8 **M4** 12.91 dBV/m	Grid 9 **M4** 13.22 dBV/m

Cursor:
Total = 14.01 dBV/m
E Category: M4
Location: -15, -10, 8.7 mm

0 dB = 5.020 V/m = 14.01 dBV/m

HAC RF_LTE Band 41_20M_QPSK_1RB_0offset_12.2Kbps_Ch41055_E

Communication System: UID 10172 - CAB, 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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)

Ch41055/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 = 5.015 V/m; Power Drift = 0.15 dB
Applied MIF = -1.62 dB
RF audio interference level = 13.50 dBV/m
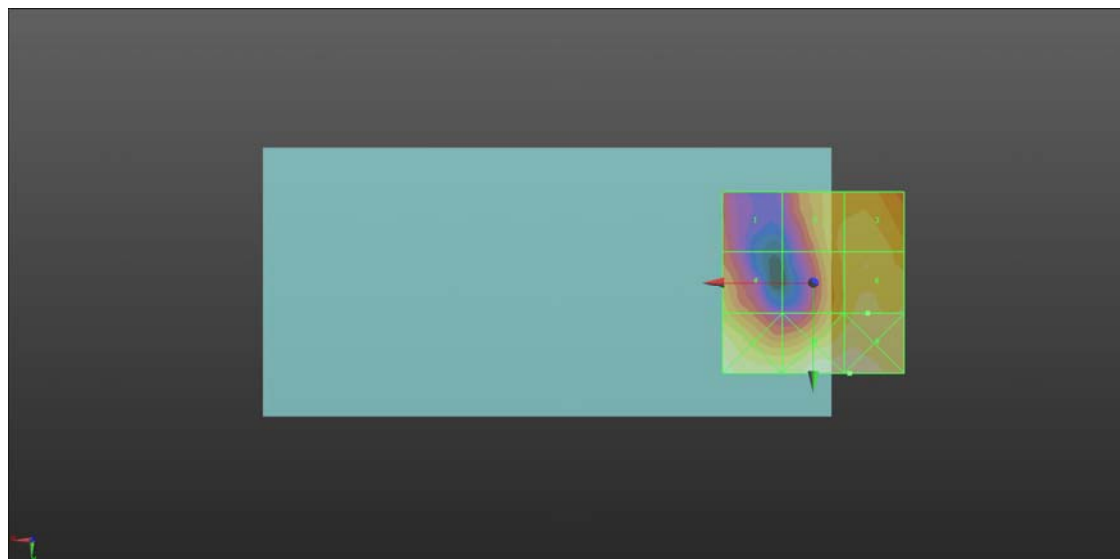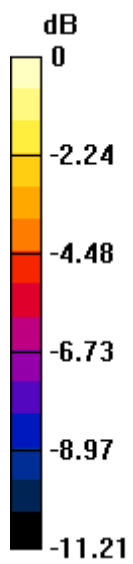**Emission category: M4**

MIF scaled E-field

Grid 1 **M4** 10.12 dBV/m	Grid 2 **M4** 12.51 dBV/m	Grid 3 **M4** 12.94 dBV/m
Grid 4 **M4** 12.18 dBV/m	Grid 5 **M4** 12.61 dBV/m	Grid 6 **M4** 13.5 dBV/m
Grid 7 **M4** 14.27 dBV/m	Grid 8 **M4** 14.52 dBV/m	Grid 9 **M4** 14.54 dBV/m

Cursor:
Total = 14.54 dBV/m
E Category: M4
Location: -10, 25, 8.7 mm

0 dB = 5.336 V/m = 14.54 dBV/m

HAC RF_LTE Band 41_20M_QPSK_1RB_0offset_12.2Kbps_Ch41490_E

Communication System: UID 10172 - CAB, 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration:
- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2018.10.18;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- 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)

Ch41490/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 = 3.410 V/m; Power Drift = -0.18 dB
Applied MIF = -1.62 dB
RF audio interference level = 10.83 dBV/m
Emission category: M4

MIF scaled E-field

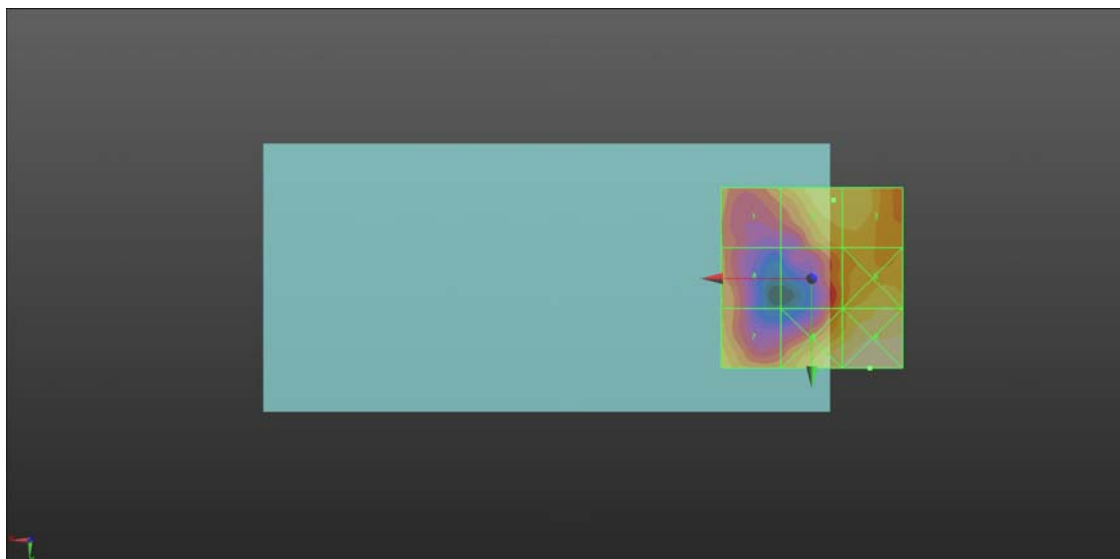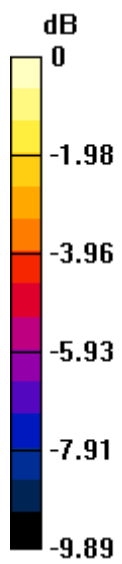| Grid 1 **M4** **9.26 dBV/m**	Grid 2 **M4** **10.83 dBV/m**	Grid 3 **M4** **10.79 dBV/m**
Grid 4 **M4** **9.01 dBV/m**	Grid 5 **M4** **9.64 dBV/m**	Grid 6 **M4** **11 dBV/m**
Grid 7 **M4** **10.37 dBV/m**	Grid 8 **M4** **11.61 dBV/m**	Grid 9 **M4** **12.24 dBV/m**

Cursor:
Total = 12.24 dBV/m
E Category: M4
Location: -16, 25, 8.7 mm

0 dB = 4.095 V/m = 12.25 dBV/m