Annex D Plots of RF Emission 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 ℃

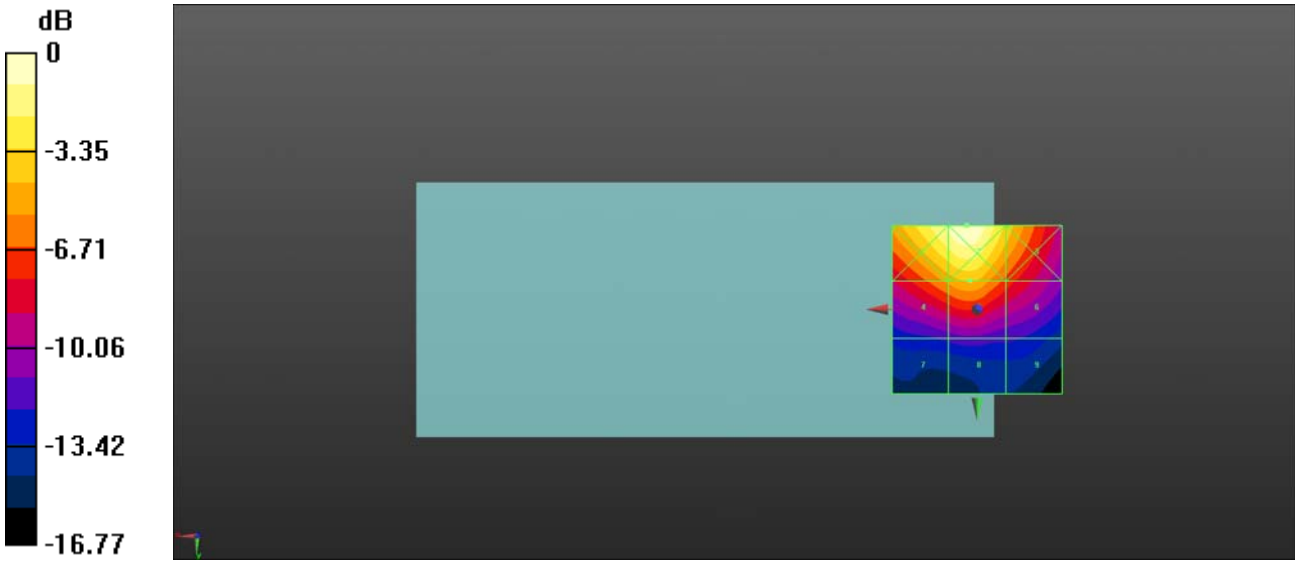
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 34.24 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.34 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **36.98 dBV/m**	Grid 2 **M4** **37.75 dBV/m**	Grid 3 **M4** **34.18 dBV/m**
Grid 4 **M4** **32.49 dBV/m**	Grid 5 **M4** **33.34 dBV/m**	Grid 6 **M4** **30.66 dBV/m**
Grid 7 **M4** **25.87 dBV/m**	Grid 8 **M4** **26.3 dBV/m**	Grid 9 **M4** **25.78 dBV/m**

Cursor:
Total = 37.75 dBV/m
E Category: M4
Location: 3, -25, 8.7 mm



0 dB = 77.15 V/m = 37.75 dBV/m

HAC RF_GSM850_GSM Voice_Ch189_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 836.6 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 ℃

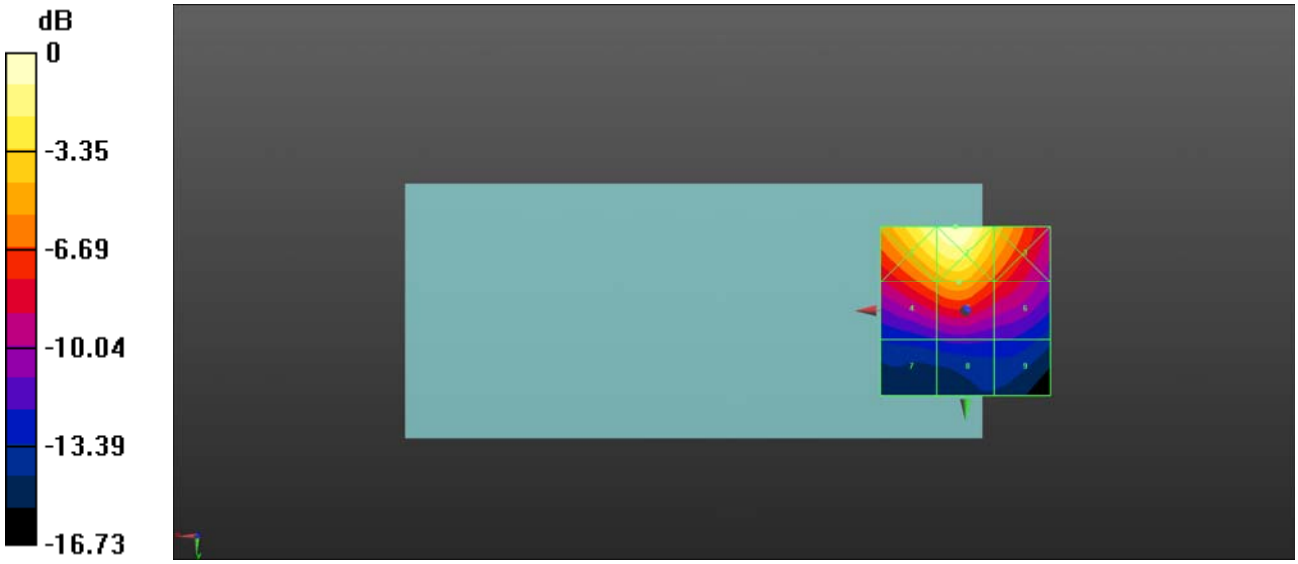
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 34.38 V/m; Power Drift = 0.07 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.54 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **37.28 dBV/m**	Grid 2 **M4** **38.08 dBV/m**	Grid 3 **M4** **34.61 dBV/m**
Grid 4 **M4** **32.65 dBV/m**	Grid 5 **M4** **33.54 dBV/m**	Grid 6 **M4** **30.97 dBV/m**
Grid 7 **M4** **25.87 dBV/m**	Grid 8 **M4** **26.32 dBV/m**	Grid 9 **M4** **26 dBV/m**

Cursor:
Total = 38.08 dBV/m
E Category: M4
Location: 3, -25, 8.7 mm



0 dB = 80.20 V/m = 38.08 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 ℃

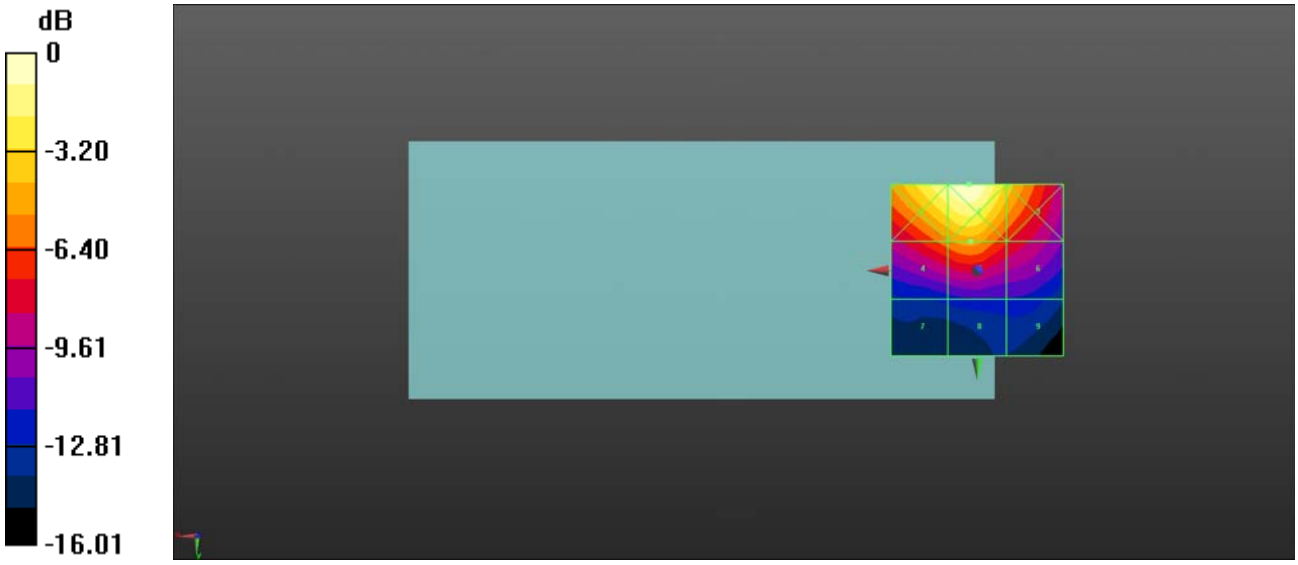
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 33.26 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.17 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **37.18 dBV/m**	Grid 2 **M4** **37.96 dBV/m**	Grid 3 **M4** **34.49 dBV/m**
Grid 4 **M4** **32.31 dBV/m**	Grid 5 **M4** **33.17 dBV/m**	Grid 6 **M4** **30.72 dBV/m**
Grid 7 **M4** **25.67 dBV/m**	Grid 8 **M4** **26.18 dBV/m**	Grid 9 **M4** **26.16 dBV/m**

Cursor:
Total = 37.96 dBV/m
E Category: M4
Location: 2.5, -25, 8.7 mm



0 dB = 79.09 V/m = 37.96 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 ℃

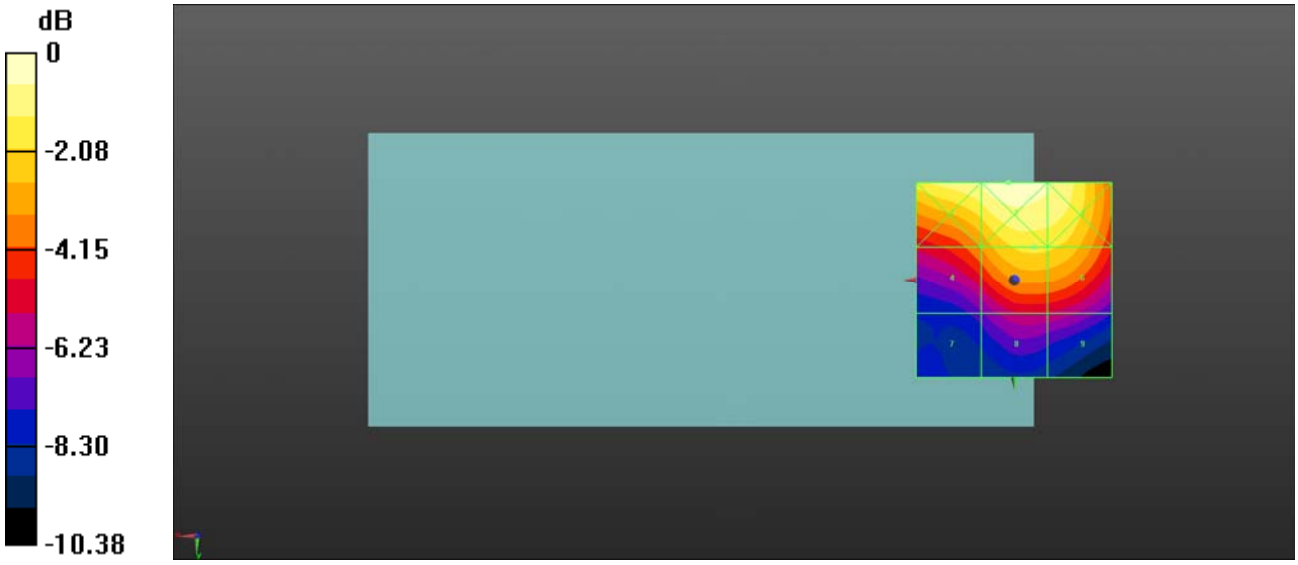
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 25.98 V/m; Power Drift = 0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.53 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **30.94 dBV/m**	Grid 2 **M3** **31.41 dBV/m**	Grid 3 **M3** **30.83 dBV/m**
Grid 4 **M4** **28.01 dBV/m**	Grid 5 **M4** **29.53 dBV/m**	Grid 6 **M4** **29.48 dBV/m**
Grid 7 **M4** **24.34 dBV/m**	Grid 8 **M4** **25.98 dBV/m**	Grid 9 **M4** **25.86 dBV/m**

Cursor:
Total = 31.41 dBV/m
E Category: M3
Location: 1.5, -25, 8.7 mm



0 dB = 37.19 V/m = 31.41 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 ℃

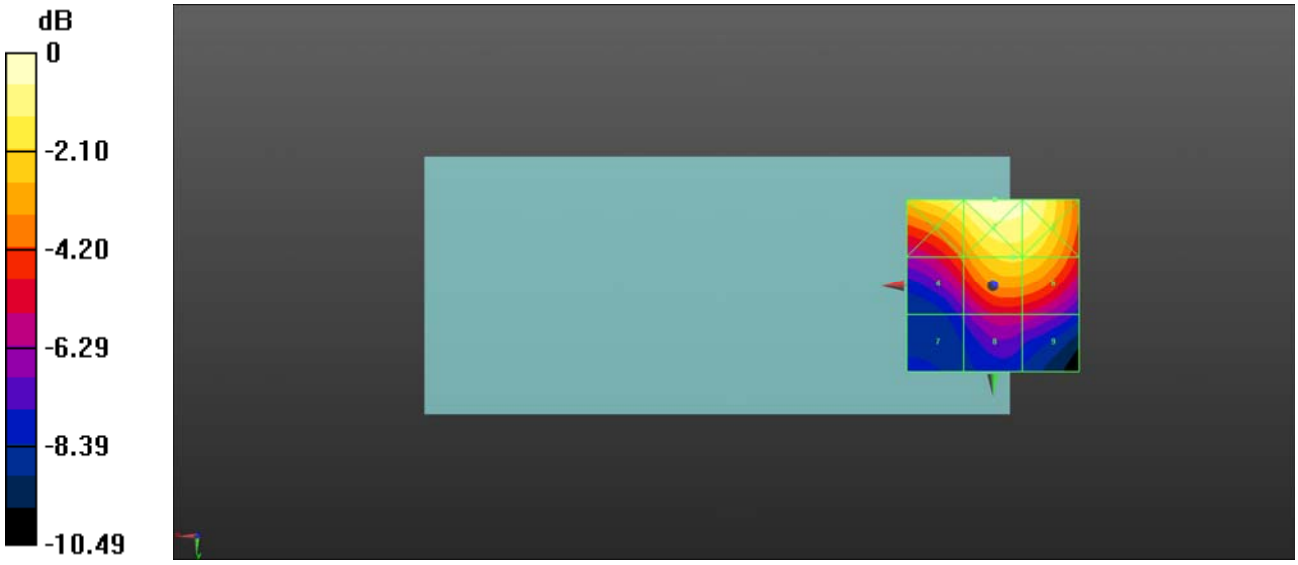
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 26.30 V/m; Power Drift = -0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.91 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **31.02 dBV/m**	Grid 2 **M3** **31.81 dBV/m**	Grid 3 **M3** **31.44 dBV/m**
Grid 4 **M4** **27.96 dBV/m**	Grid 5 **M4** **29.91 dBV/m**	Grid 6 **M4** **29.87 dBV/m**
Grid 7 **M4** **24.46 dBV/m**	Grid 8 **M4** **26.27 dBV/m**	Grid 9 **M4** **26.13 dBV/m**

Cursor:
Total = 31.81 dBV/m
E Category: M3
Location: -0.5, -25, 8.7 mm



0 dB = 38.93 V/m = 31.81 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 ℃

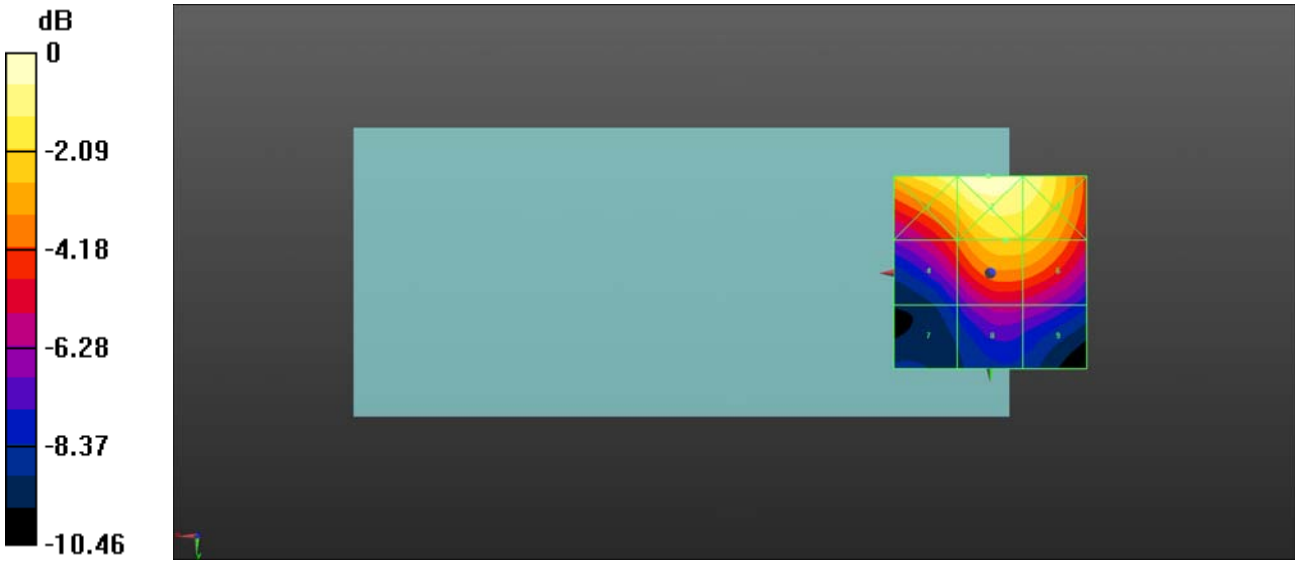
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 24.55 V/m; Power Drift = -0.00 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.47 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **30.96 dBV/m**	Grid 2 **M3** **31.64 dBV/m**	Grid 3 **M3** **31.02 dBV/m**
Grid 4 **M4** **27.68 dBV/m**	Grid 5 **M4** **29.47 dBV/m**	Grid 6 **M4** **29.38 dBV/m**
Grid 7 **M4** **23.97 dBV/m**	Grid 8 **M4** **25.85 dBV/m**	Grid 9 **M4** **25.66 dBV/m**

Cursor:
Total = 31.64 dBV/m
E Category: M3
Location: 0.5, -25, 8.7 mm



0 dB = 38.21 V/m = 31.64 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 ℃

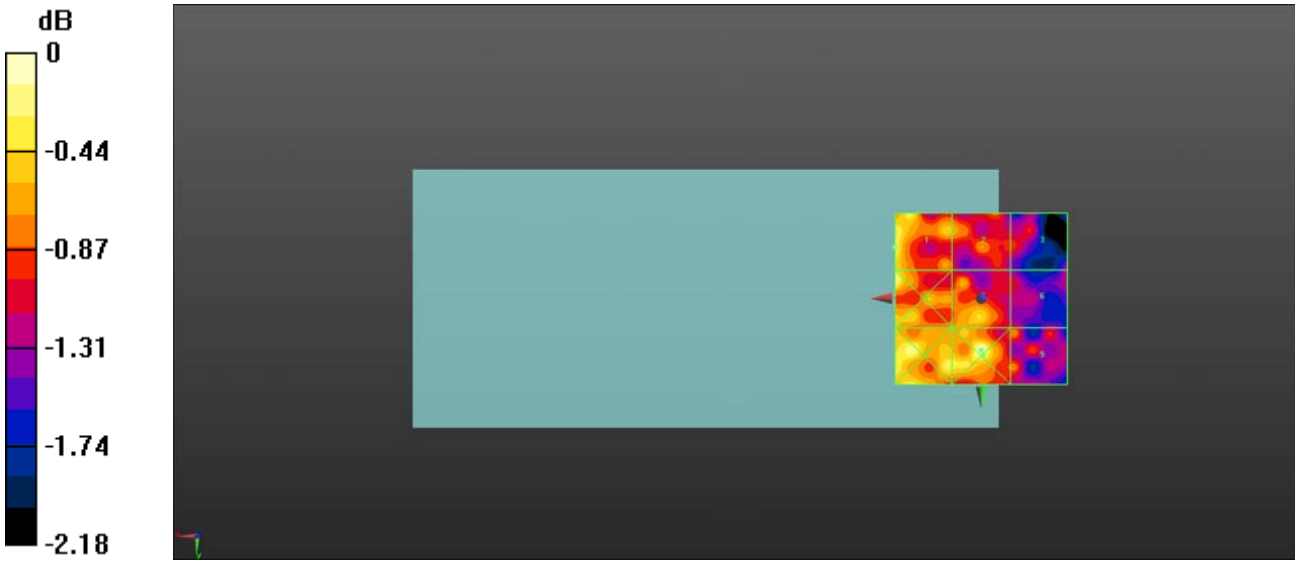
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 4.372 V/m; Power Drift = -0.09 dB
Applied MIF = 3.26 dB
RF audio interference level = 15.11 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.7 dBV/m**	Grid 2 **M4** **14.78 dBV/m**	Grid 3 **M4** **15.11 dBV/m**
Grid 4 **M4** **14.86 dBV/m**	Grid 5 **M4** **14.82 dBV/m**	Grid 6 **M4** **15.03 dBV/m**
Grid 7 **M4** **15.04 dBV/m**	Grid 8 **M4** **15.33 dBV/m**	Grid 9 **M4** **14.32 dBV/m**

Cursor:
Total = 15.33 dBV/m
E Category: M4
Location: 0.5, 15.5, 8.7 mm



0 dB = 5.840 V/m = 15.33 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 ℃

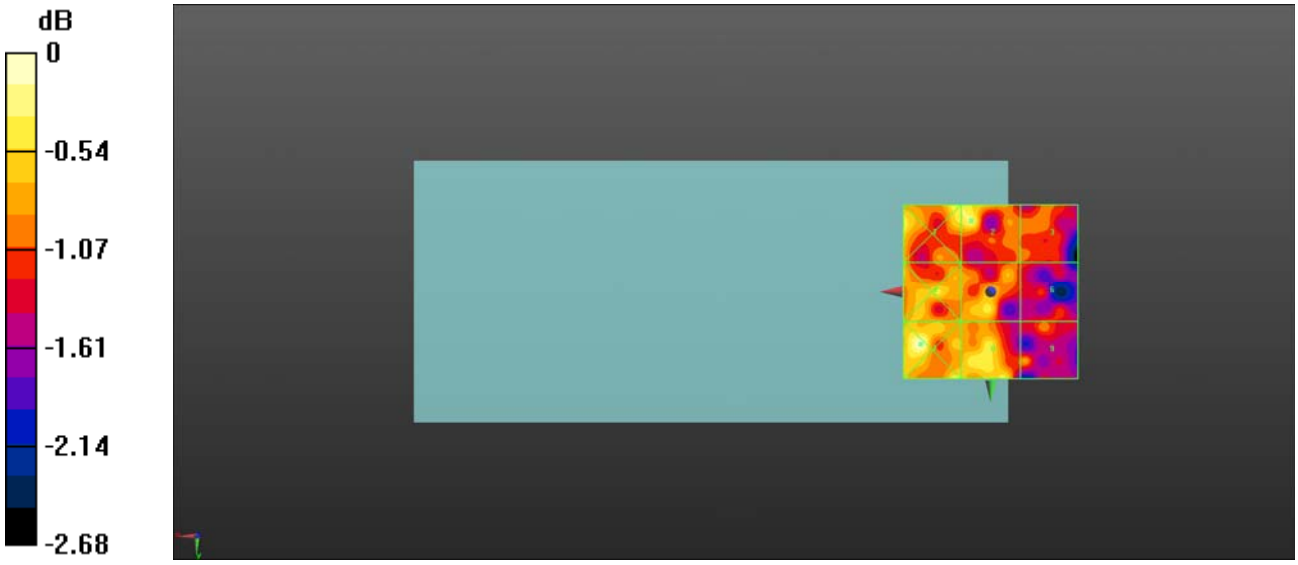
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 3.881 V/m; Power Drift = 0.17 dB
Applied MIF = 3.26 dB
RF audio interference level = 14.60 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.51 dBV/m**	Grid 2 **M4** **14.6 dBV/m**	Grid 3 **M4** **13.98 dBV/m**
Grid 4 **M4** **14.38 dBV/m**	Grid 5 **M4** **14.42 dBV/m**	Grid 6 **M4** **13.79 dBV/m**
Grid 7 **M4** **14.87 dBV/m**	Grid 8 **M4** **14.45 dBV/m**	Grid 9 **M4** **14.03 dBV/m**

Cursor:
Total = 14.87 dBV/m
E Category: M4
Location: 20, 15, 8.7 mm



0 dB = 5.540 V/m = 14.87 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 ℃

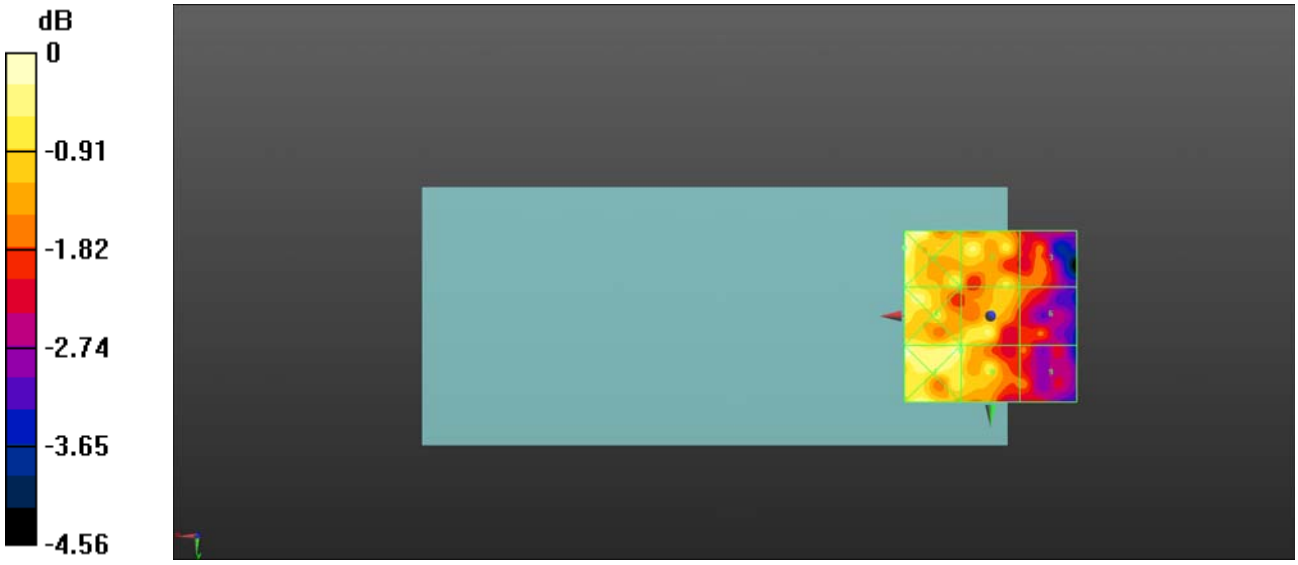
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 3.863 V/m; Power Drift = 0.02 dB
Applied MIF = 3.26 dB
RF audio interference level = 14.35 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.87 dBV/m**	Grid 2 **M4** **14.33 dBV/m**	Grid 3 **M4** **13.39 dBV/m**
Grid 4 **M4** **14.59 dBV/m**	Grid 5 **M4** **14.32 dBV/m**	Grid 6 **M4** **13.4 dBV/m**
Grid 7 **M4** **14.79 dBV/m**	Grid 8 **M4** **14.35 dBV/m**	Grid 9 **M4** **13.21 dBV/m**

Cursor:
Total = 14.87 dBV/m
E Category: M4
Location: 25, -20, 8.7 mm



0 dB = 5.538 V/m = 14.87 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 ℃

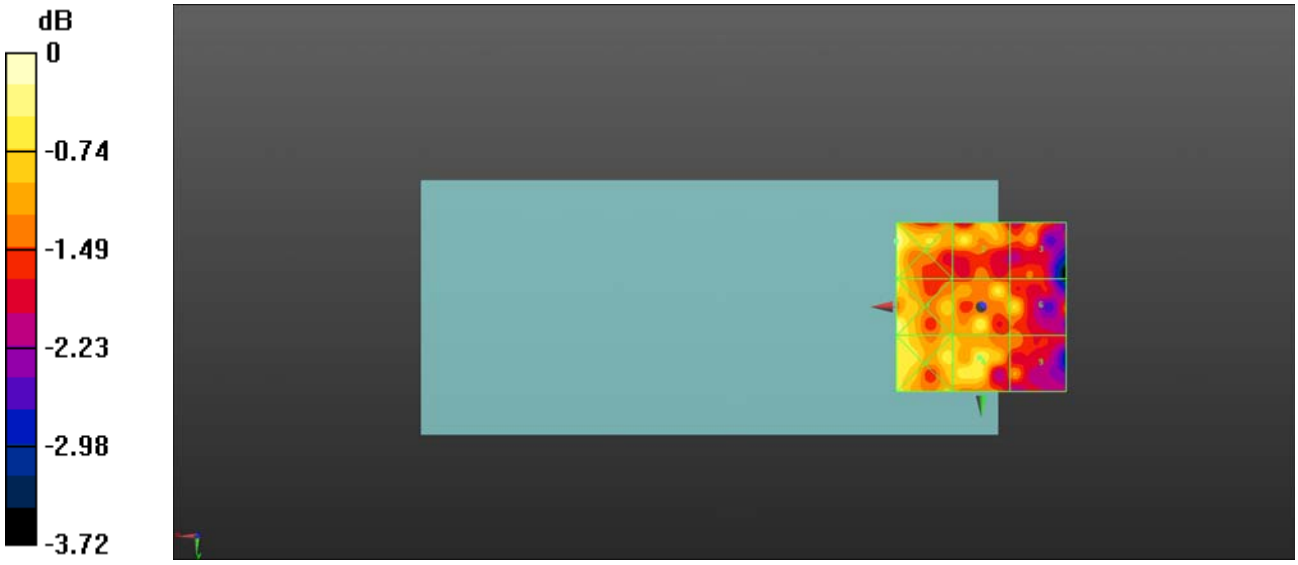
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 3.963 V/m; Power Drift = -0.05 dB
Applied MIF = 3.26 dB
RF audio interference level = 14.25 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.73 dBV/m**	Grid 2 **M4** **14.11 dBV/m**	Grid 3 **M4** **13.64 dBV/m**
Grid 4 **M4** **14.43 dBV/m**	Grid 5 **M4** **14.23 dBV/m**	Grid 6 **M4** **14.02 dBV/m**
Grid 7 **M4** **14.18 dBV/m**	Grid 8 **M4** **14.25 dBV/m**	Grid 9 **M4** **13.55 dBV/m**

Cursor:
Total = 14.73 dBV/m
E Category: M4
Location: 25, -19.5, 8.7 mm



0 dB = 5.452 V/m = 14.73 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: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.2 ℃

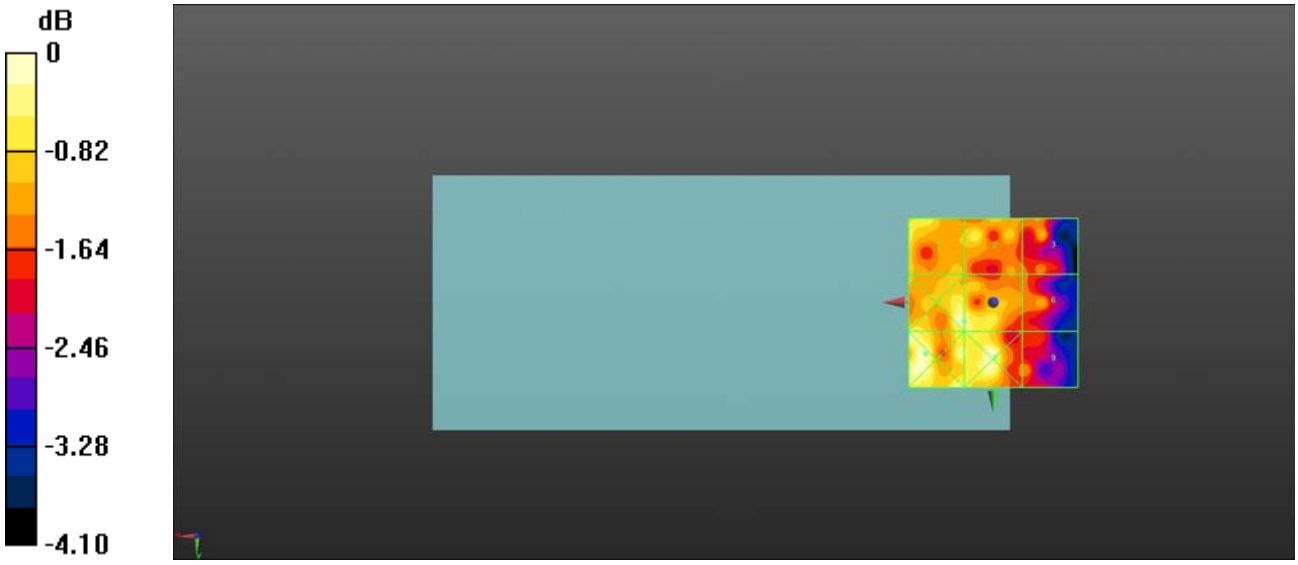
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 3.837 V/m; Power Drift = 0.05 dB
Applied MIF = 3.26 dB
RF audio interference level = 14.64 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.32 dBV/m**	Grid 2 **M4** **14.23 dBV/m**	Grid 3 **M4** **13.79 dBV/m**
Grid 4 **M4** **14.74 dBV/m**	Grid 5 **M4** **14.64 dBV/m**	Grid 6 **M4** **13.69 dBV/m**
Grid 7 **M4** **14.85 dBV/m**	Grid 8 **M4** **14.82 dBV/m**	Grid 9 **M4** **13.5 dBV/m**

Cursor:
Total = 14.85 dBV/m
E Category: M4
Location: 20, 15, 8.7 mm



0 dB = 5.527 V/m = 14.85 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 ℃

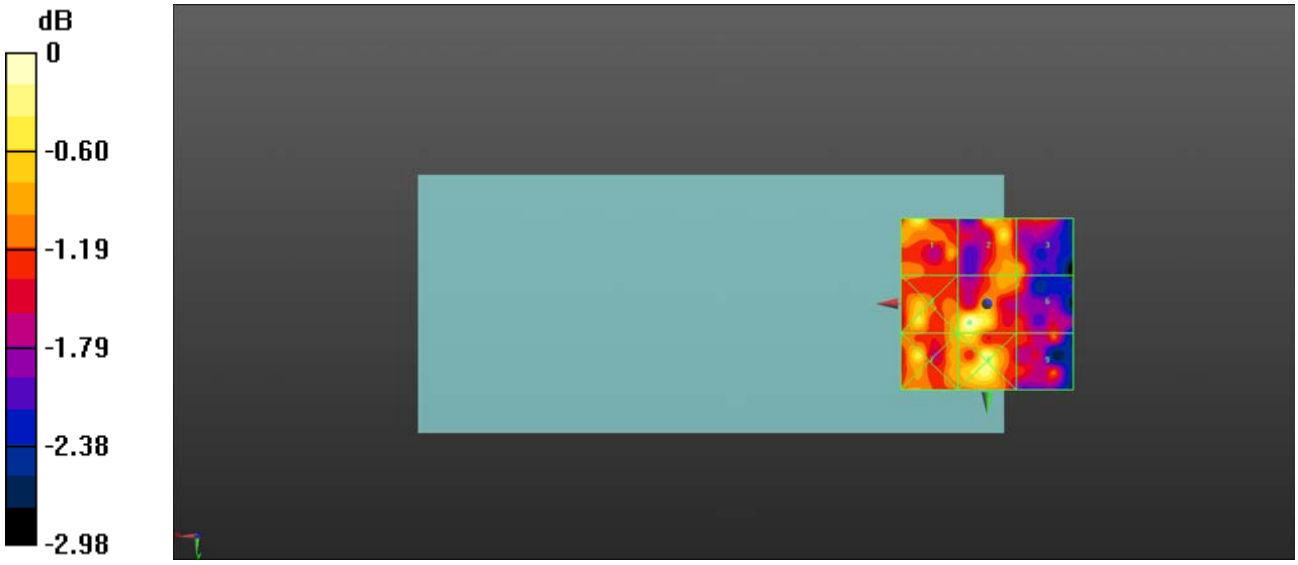
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 4.291 V/m; Power Drift = -0.07 dB
Applied MIF = 3.26 dB
RF audio interference level = 15.15 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.78 dBV/m**	Grid 2 **M4** **14.61 dBV/m**	Grid 3 **M4** **14.34 dBV/m**
Grid 4 **M4** **14.64 dBV/m**	Grid 5 **M4** **15.15 dBV/m**	Grid 6 **M4** **14.29 dBV/m**
Grid 7 **M4** **14.68 dBV/m**	Grid 8 **M4** **14.96 dBV/m**	Grid 9 **M4** **14.01 dBV/m**

Cursor:
Total = 15.15 dBV/m
E Category: M4
Location: 5, 5.5, 8.7 mm



0 dB = 5.720 V/m = 15.15 dBV/m

HAC RF_LTE Band 38_20M_QPSK_1RB_0offset_12.2Kbps_Ch37850_E

Communication System: UID 10172 - CAB, 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.2 ℃

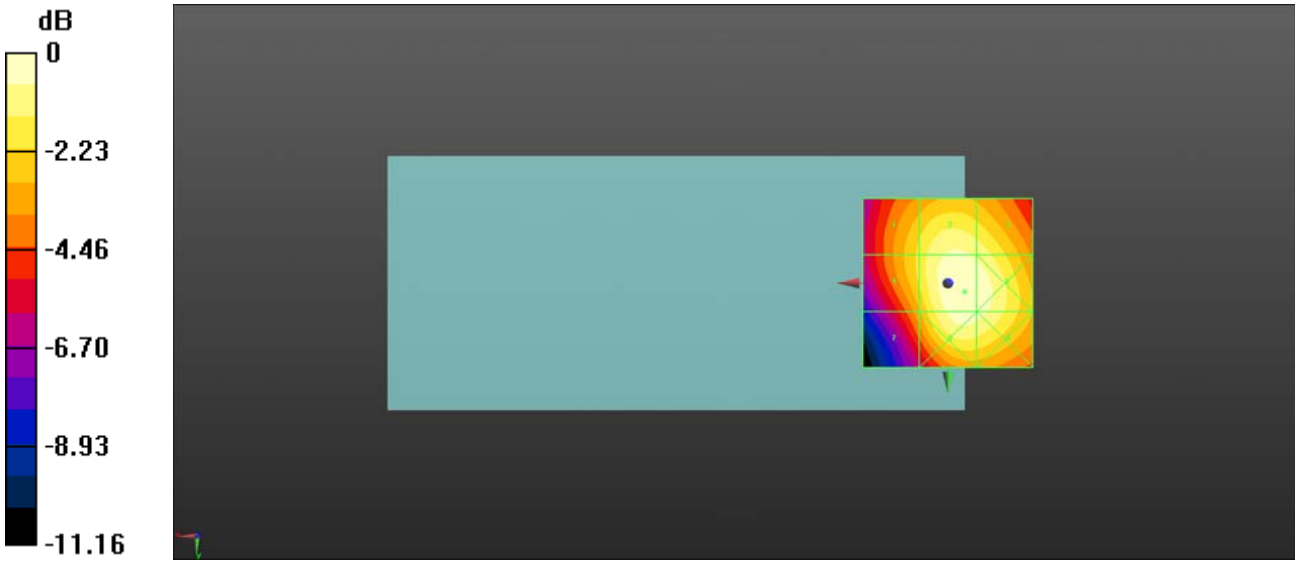
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch37850/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 = 40.21 V/m; Power Drift = 0.01 dB
Applied MIF = -1.62 dB
RF audio interference level = 27.22 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.21 dBV/m**	Grid 2 **M4** **26.65 dBV/m**	Grid 3 **M4** **26.32 dBV/m**
Grid 4 **M4** **25.26 dBV/m**	Grid 5 **M4** **27.22 dBV/m**	Grid 6 **M4** **27.07 dBV/m**
Grid 7 **M4** **24.13 dBV/m**	Grid 8 **M4** **26.96 dBV/m**	Grid 9 **M4** **26.78 dBV/m**

Cursor:
Total = 27.22 dBV/m
E Category: M4
Location: -5, 2.5, 8.7 mm



0 dB = 22.97 V/m = 27.22 dBV/m

HAC RF_LTE Band 38_20M_QPSK_1RB_0offset_12.2Kbps_Ch38000_E

Communication System: UID 10172 - CAB, 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

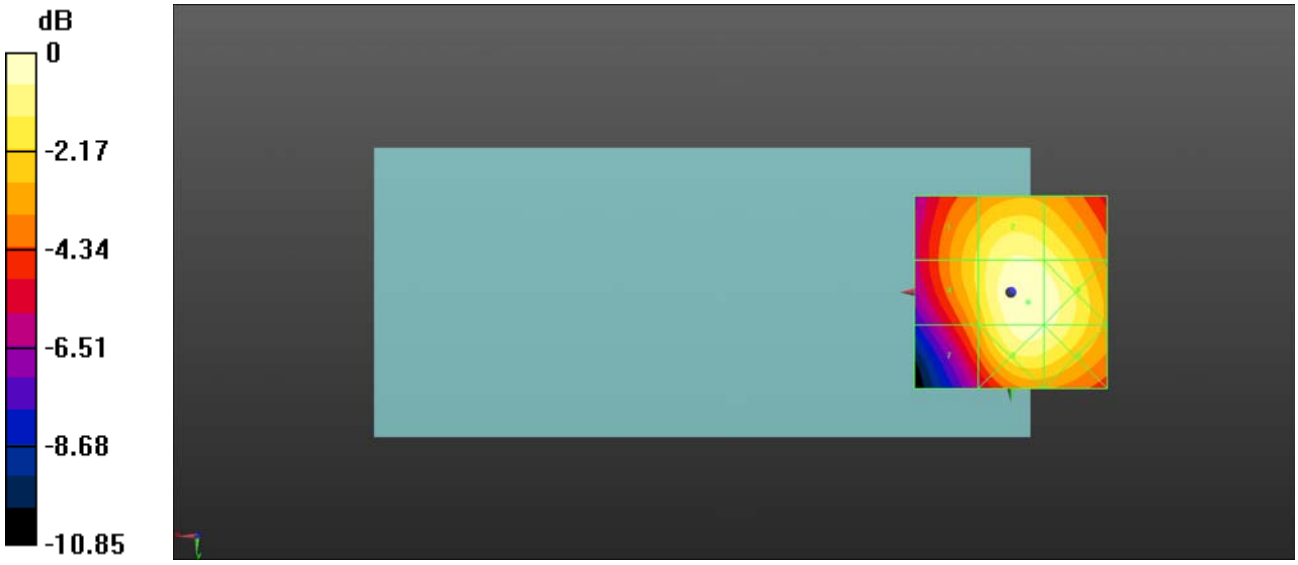
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38000/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 = 39.77 V/m; Power Drift = 0.02 dB
Applied MIF = -1.62 dB
RF audio interference level = 27.12 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.14 dBV/m**	Grid 2 **M4** **26.54 dBV/m**	Grid 3 **M4** **26.18 dBV/m**
Grid 4 **M4** **25.2 dBV/m**	Grid 5 **M4** **27.12 dBV/m**	Grid 6 **M4** **26.93 dBV/m**
Grid 7 **M4** **24.2 dBV/m**	Grid 8 **M4** **26.86 dBV/m**	Grid 9 **M4** **26.67 dBV/m**

Cursor:
Total = 27.12 dBV/m
E Category: M4
Location: -4.5, 2.5, 8.7 mm



0 dB = 22.69 V/m = 27.12 dBV/m

HAC RF_LTE Band 38_20M_QPSK_1RB_0offset_12.2Kbps_Ch38150_E

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2619.9 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 ℃

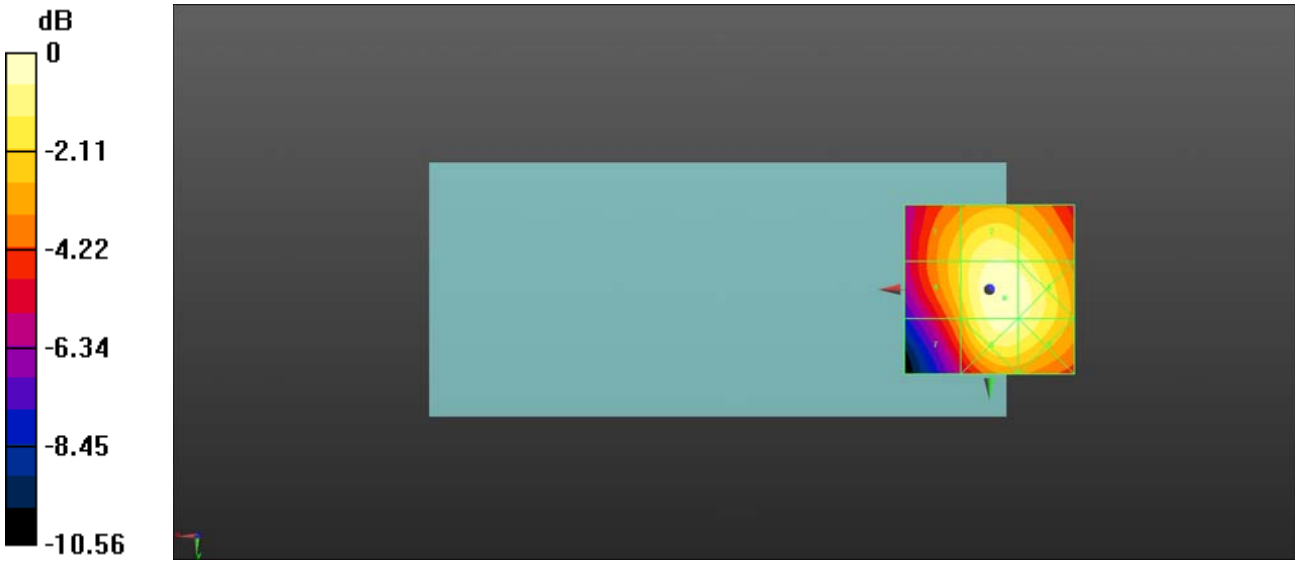
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/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 = 39.23 V/m; Power Drift = -0.01 dB
Applied MIF = -1.62 dB
RF audio interference level = 26.95 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.93 dBV/m**	Grid 2 **M4** **26.36 dBV/m**	Grid 3 **M4** **25.99 dBV/m**
Grid 4 **M4** **25.01 dBV/m**	Grid 5 **M4** **26.95 dBV/m**	Grid 6 **M4** **26.75 dBV/m**
Grid 7 **M4** **24.06 dBV/m**	Grid 8 **M4** **26.72 dBV/m**	Grid 9 **M4** **26.5 dBV/m**

Cursor:
Total = 26.95 dBV/m
E Category: M4
Location: -4.5, 2.5, 8.7 mm



0 dB = 22.27 V/m = 26.95 dBV/m

HAC RF_LTE Band 40A_10M_QPSK_1RB_0offset_12.2Kbps_Ch38750_E

Communication System: UID 10237 - CAB, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 2310 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 ℃

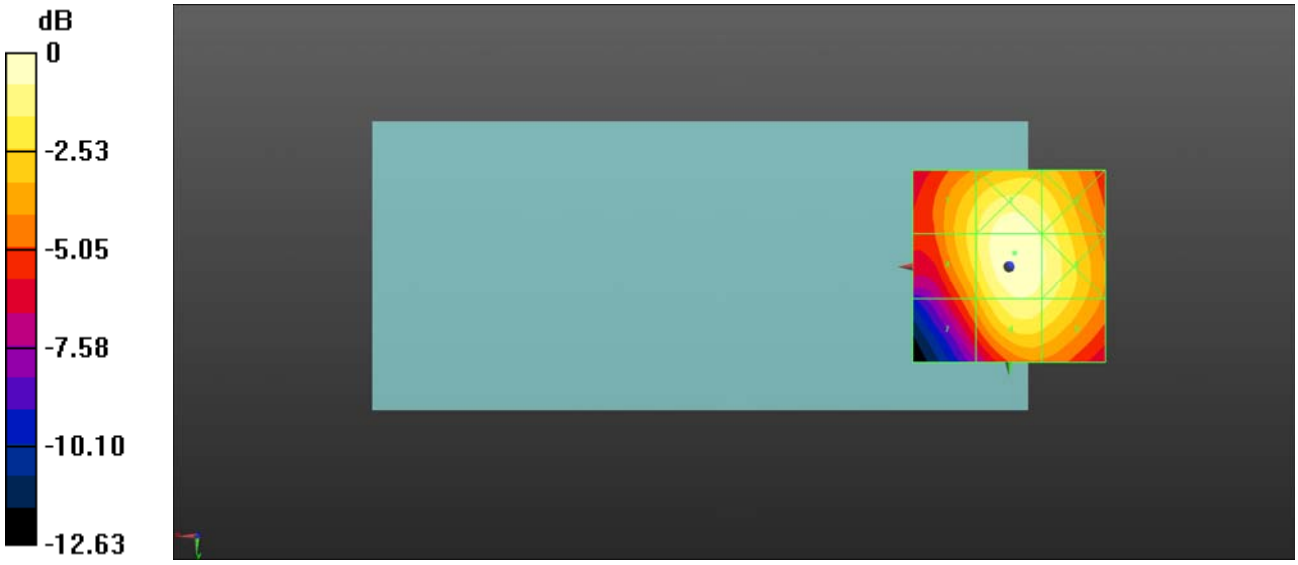
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38750/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 = 43.01 V/m; Power Drift = -0.04 dB
Applied MIF = -1.62 dB
RF audio interference level = 26.94 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.13 dBV/m**	Grid 2 **M4** **26.72 dBV/m**	Grid 3 **M4** **25.97 dBV/m**
Grid 4 **M4** **25.15 dBV/m**	Grid 5 **M4** **26.94 dBV/m**	Grid 6 **M4** **26.26 dBV/m**
Grid 7 **M4** **23.46 dBV/m**	Grid 8 **M4** **26.06 dBV/m**	Grid 9 **M4** **25.67 dBV/m**

Cursor:
Total = 26.94 dBV/m
E Category: M4
Location: -1.5, -3.5, 8.7 mm



0 dB = 22.22 V/m = 26.93 dBV/m

HAC RF_LTE Band 40B_10M_QPSK_1RB_0offset_12.2Kbps_Ch39200_E

Communication System: UID 10237 - CAB, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 2355 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 ℃

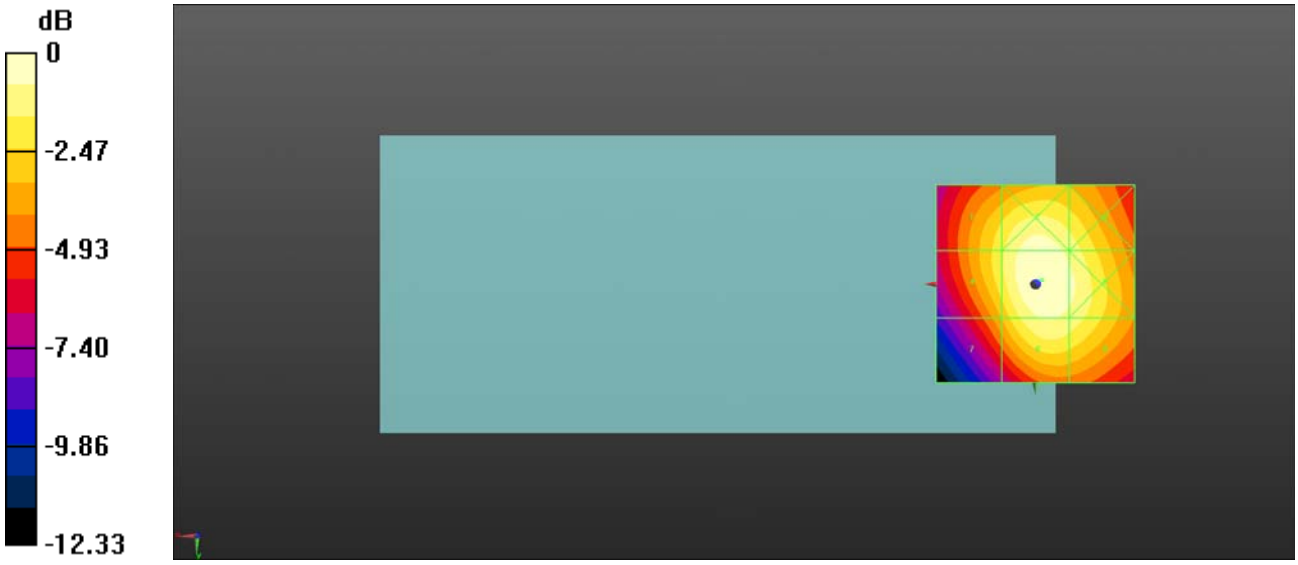
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39200/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 = 45.07 V/m; Power Drift = -0.02 dB
Applied MIF = -1.62 dB
RF audio interference level = 27.36 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.55 dBV/m**	Grid 2 **M4** **27.02 dBV/m**	Grid 3 **M4** **26.26 dBV/m**
Grid 4 **M4** **25.62 dBV/m**	Grid 5 **M4** **27.36 dBV/m**	Grid 6 **M4** **26.77 dBV/m**
Grid 7 **M4** **24.15 dBV/m**	Grid 8 **M4** **26.59 dBV/m**	Grid 9 **M4** **26.25 dBV/m**

Cursor:
Total = 27.36 dBV/m
E Category: M4
Location: -1.5, -1, 8.7 mm



0 dB = 23.33 V/m = 27.36 dBV/m

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 ℃

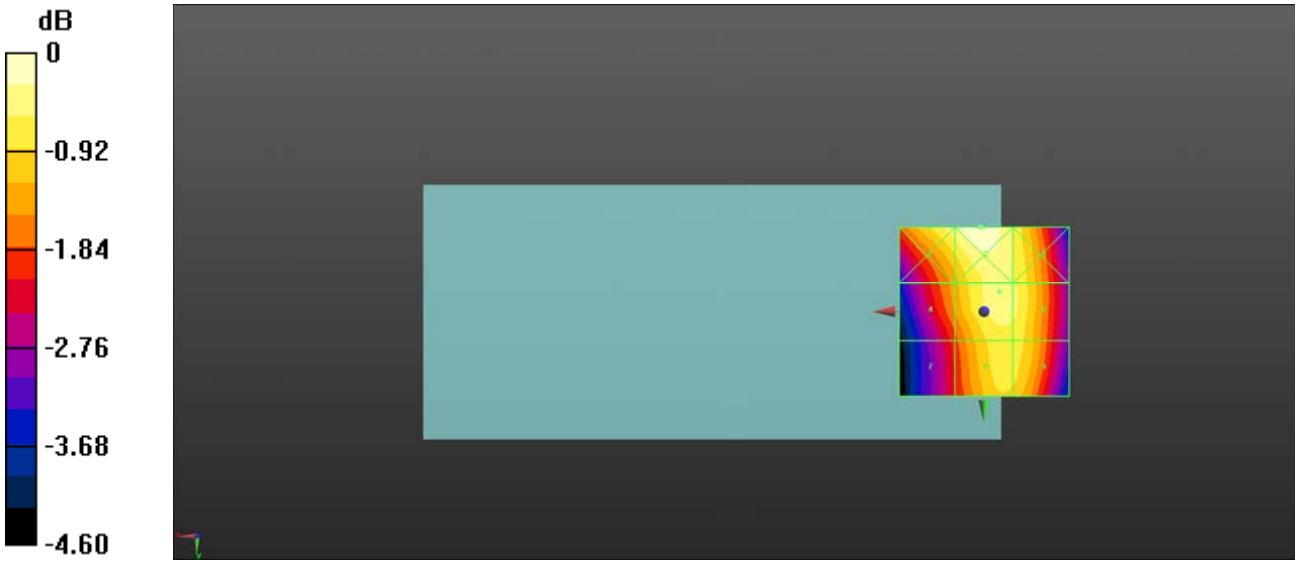
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 35.17 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 32.58 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **32.69 dBV/m**	Grid 2 **M4** **33.03 dBV/m**	Grid 3 **M4** **32.46 dBV/m**
Grid 4 **M4** **31.69 dBV/m**	Grid 5 **M4** **32.58 dBV/m**	Grid 6 **M4** **32.51 dBV/m**
Grid 7 **M4** **31.1 dBV/m**	Grid 8 **M4** **32.36 dBV/m**	Grid 9 **M4** **32.33 dBV/m**

Cursor:
Total = 33.03 dBV/m
E Category: M4
Location: 1, -25, 8.7 mm



0 dB = 44.85 V/m = 33.04 dBV/m

HAC RF_GSM850_GSM Voice_Ch189_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 836.6 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 ℃

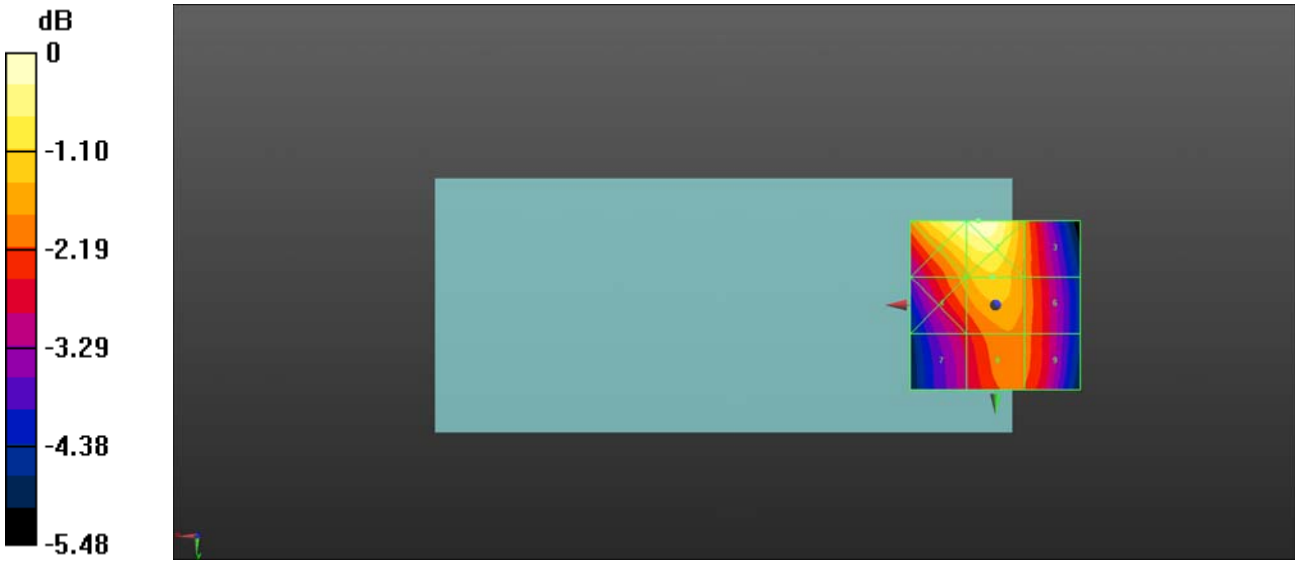
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 37.19 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.10 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **34.09 dBV/m**	Grid 2 **M4** **34.26 dBV/m**	Grid 3 **M4** **32.45 dBV/m**
Grid 4 **M4** **32.68 dBV/m**	Grid 5 **M4** **33.1 dBV/m**	Grid 6 **M4** **32.4 dBV/m**
Grid 7 **M4** **31.61 dBV/m**	Grid 8 **M4** **32.42 dBV/m**	Grid 9 **M4** **32.25 dBV/m**

Cursor:
Total = 34.26 dBV/m
E Category: M4
Location: 5, -25, 8.7 mm



0 dB = 51.62 V/m = 34.26 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 ℃

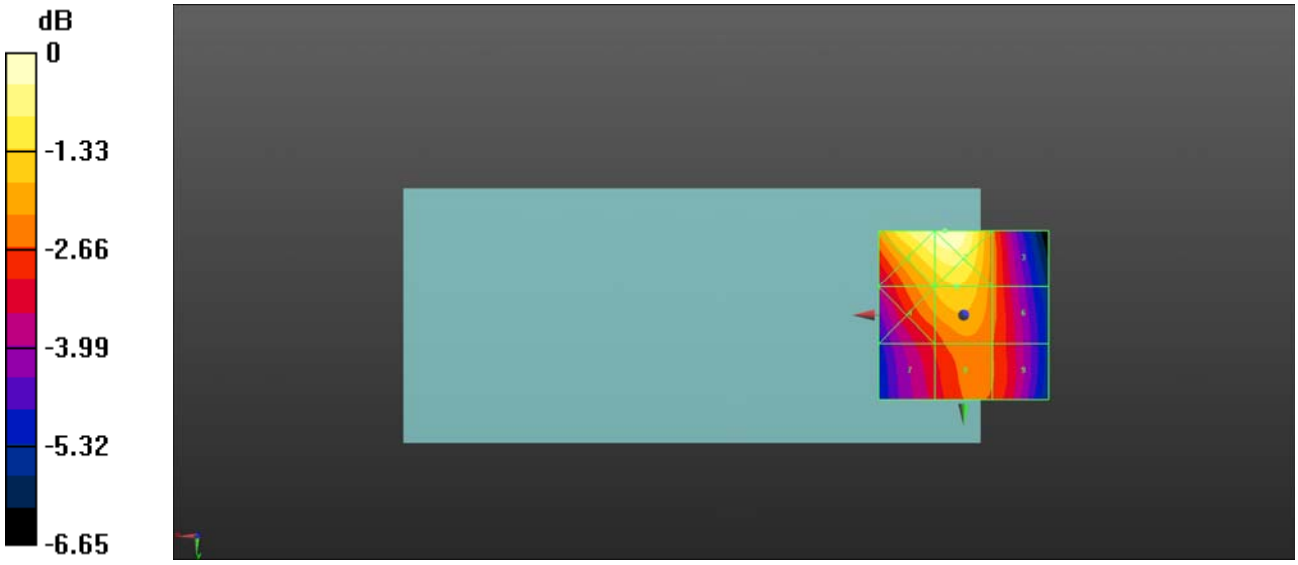
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 35.73 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 32.95 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **34.1 dBV/m**	Grid 2 **M4** **34.29 dBV/m**	Grid 3 **M4** **31.93 dBV/m**
Grid 4 **M4** **32.62 dBV/m**	Grid 5 **M4** **32.95 dBV/m**	Grid 6 **M4** **31.86 dBV/m**
Grid 7 **M4** **31.35 dBV/m**	Grid 8 **M4** **31.97 dBV/m**	Grid 9 **M4** **31.68 dBV/m**

Cursor:
Total = 34.29 dBV/m
E Category: M4
Location: 5.5, -25, 8.7 mm



0 dB = 51.84 V/m = 34.29 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 ℃

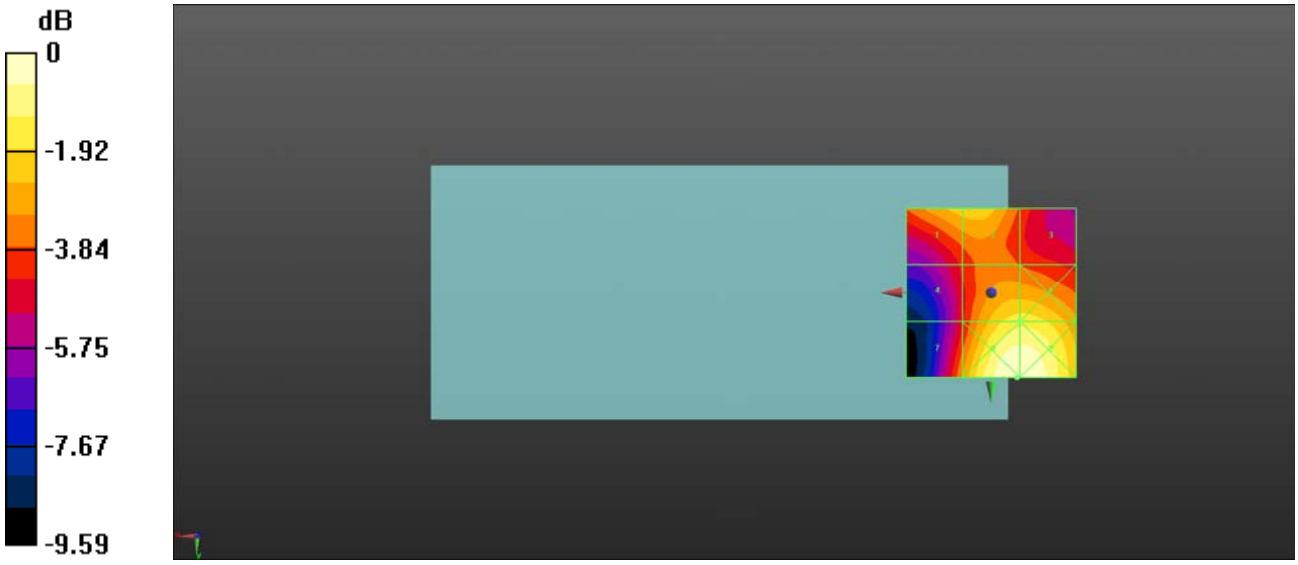
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 14.96 V/m; Power Drift = 0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 26.70 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.05 dBV/m**	Grid 2 **M4** **26.16 dBV/m**	Grid 3 **M4** **24.39 dBV/m**
Grid 4 **M4** **23.95 dBV/m**	Grid 5 **M4** **26.7 dBV/m**	Grid 6 **M4** **26.71 dBV/m**
Grid 7 **M4** **25.14 dBV/m**	Grid 8 **M4** **28.24 dBV/m**	Grid 9 **M4** **28.23 dBV/m**

Cursor:
Total = 28.24 dBV/m
E Category: M4
Location: -7.5, 25, 8.7 mm



0 dB = 25.82 V/m = 28.24 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 ℃

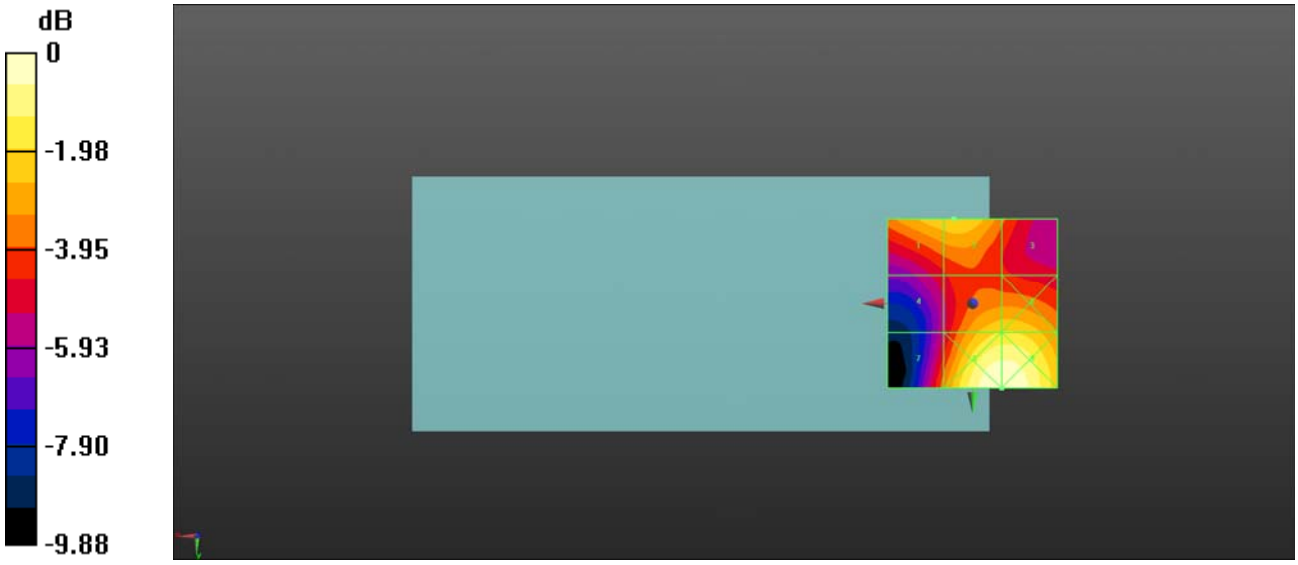
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 14.63 V/m; Power Drift = 0.07 dB
Applied MIF = 3.63 dB
RF audio interference level = 26.86 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.75 dBV/m**	Grid 2 **M4** **26.86 dBV/m**	Grid 3 **M4** **25.08 dBV/m**
Grid 4 **M4** **24.05 dBV/m**	Grid 5 **M4** **26.83 dBV/m**	Grid 6 **M4** **26.87 dBV/m**
Grid 7 **M4** **25.35 dBV/m**	Grid 8 **M4** **28.77 dBV/m**	Grid 9 **M4** **28.77 dBV/m**

Cursor:
Total = 28.77 dBV/m
E Category: M4
Location: -8.5, 25, 8.7 mm



0 dB = 27.45 V/m = 28.77 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 ℃

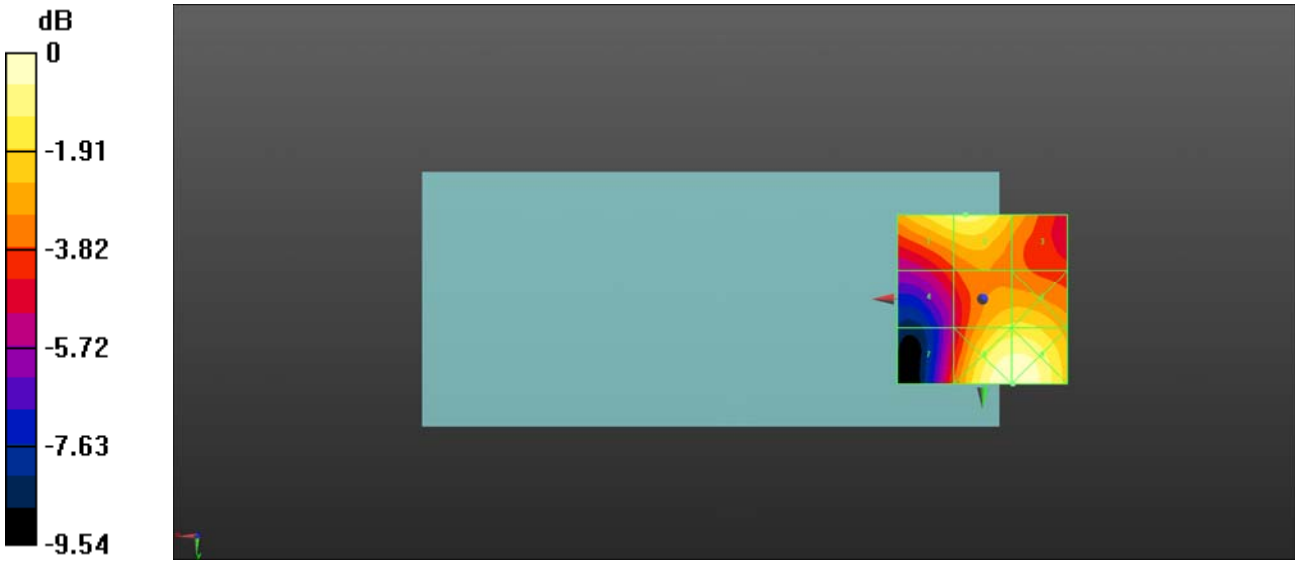
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 13.97 V/m; Power Drift = 0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.06 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.91 dBV/m**	Grid 2 **M4** **27.06 dBV/m**	Grid 3 **M4** **25.56 dBV/m**
Grid 4 **M4** **24.03 dBV/m**	Grid 5 **M4** **26.29 dBV/m**	Grid 6 **M4** **26.34 dBV/m**
Grid 7 **M4** **24.26 dBV/m**	Grid 8 **M4** **27.95 dBV/m**	Grid 9 **M4** **27.96 dBV/m**

Cursor:
Total = 27.96 dBV/m
E Category: M4
Location: -9, 25, 8.7 mm



0 dB = 24.99 V/m = 27.96 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 ℃

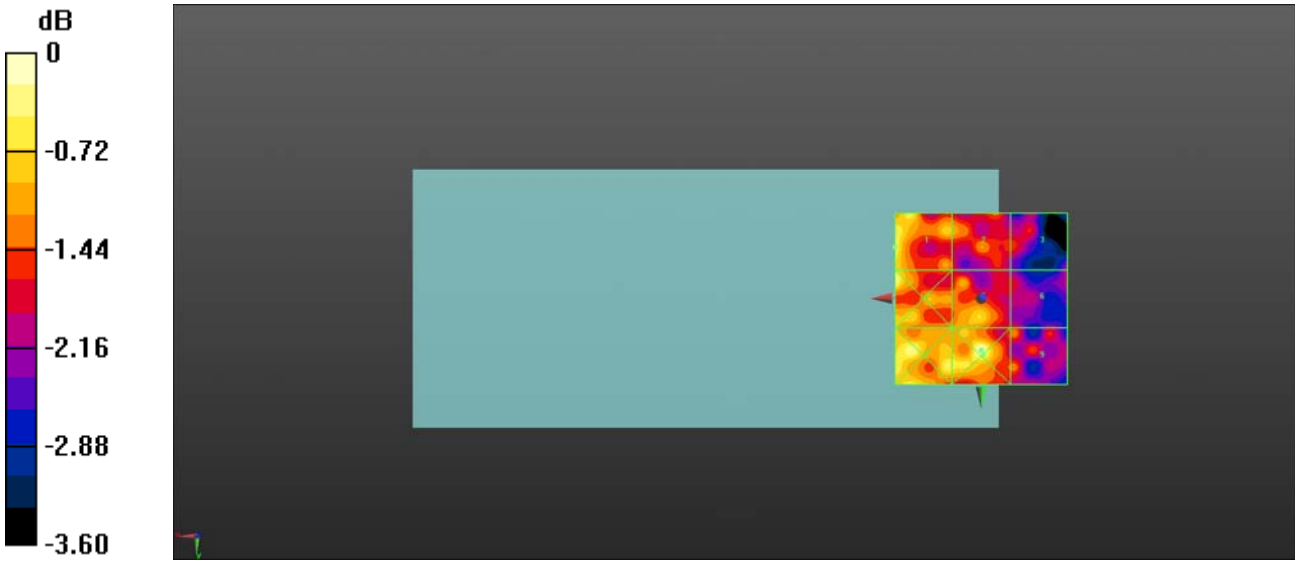
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 3.698 V/m; Power Drift = 0.10 dB
Applied MIF = 3.26 dB
RF audio interference level = 14.42 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.42 dBV/m**	Grid 2 **M4** **13.83 dBV/m**	Grid 3 **M4** **13.2 dBV/m**
Grid 4 **M4** **14.58 dBV/m**	Grid 5 **M4** **14.08 dBV/m**	Grid 6 **M4** **13.19 dBV/m**
Grid 7 **M4** **14.51 dBV/m**	Grid 8 **M4** **14.77 dBV/m**	Grid 9 **M4** **13.53 dBV/m**

Cursor:
Total = 14.77 dBV/m
E Category: M4
Location: 0, 15, 8.7 mm



0 dB = 5.475 V/m = 14.77 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 ℃

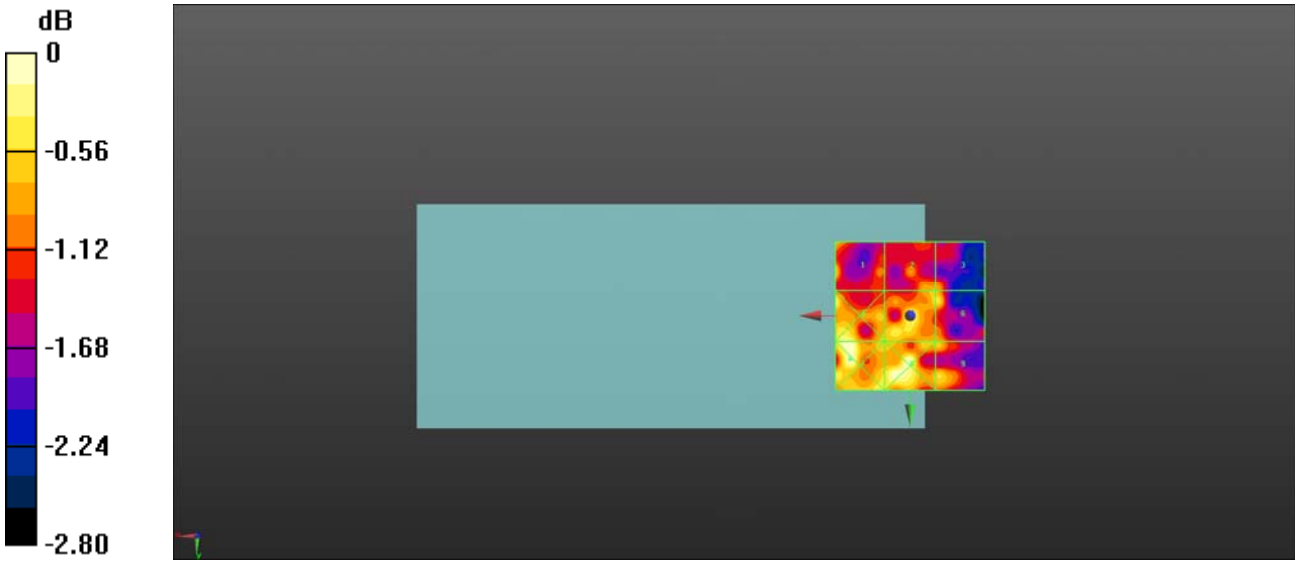
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 3.748 V/m; Power Drift = 0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 14.59 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.29 dBV/m**	Grid 2 **M4** **14.03 dBV/m**	Grid 3 **M4** **14.02 dBV/m**
Grid 4 **M4** **14.56 dBV/m**	Grid 5 **M4** **14.59 dBV/m**	Grid 6 **M4** **14.27 dBV/m**
Grid 7 **M4** **14.72 dBV/m**	Grid 8 **M4** **14.72 dBV/m**	Grid 9 **M4** **14.2 dBV/m**

Cursor:
Total = 14.72 dBV/m
E Category: M4
Location: 20, 14.5, 8.7 mm



0 dB = 5.445 V/m = 14.72 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 ℃

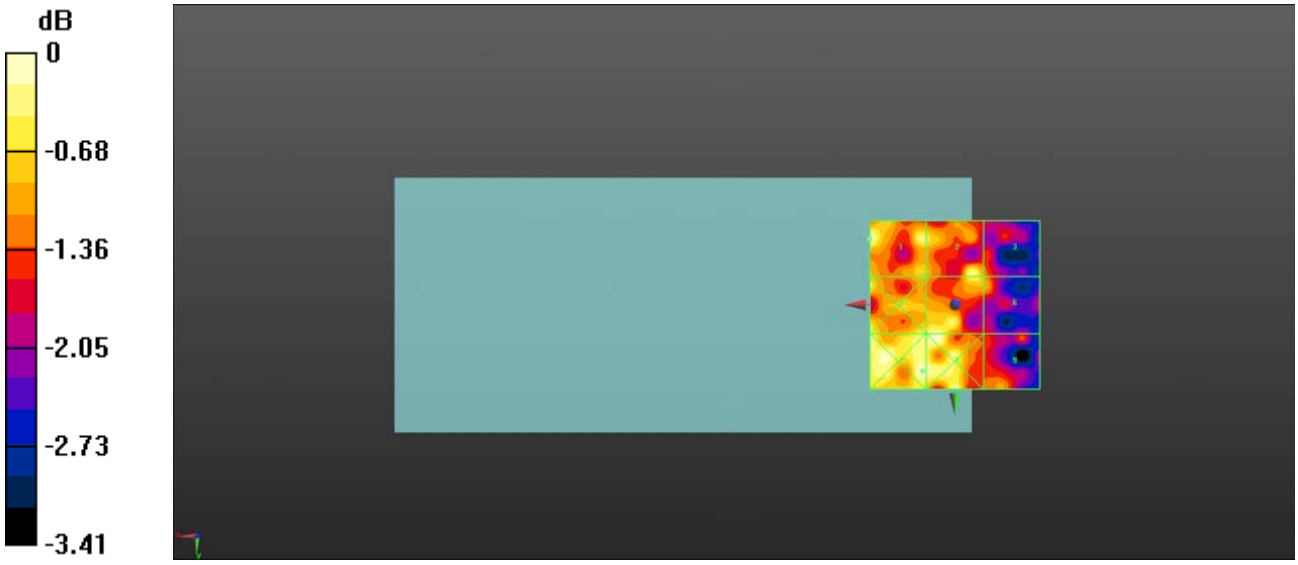
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 3.658 V/m; Power Drift = -0.01 dB
Applied MIF = 3.26 dB
RF audio interference level = 14.76 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.76 dBV/m**	Grid 2 **M4** **14.54 dBV/m**	Grid 3 **M4** **13.83 dBV/m**
Grid 4 **M4** **14.51 dBV/m**	Grid 5 **M4** **14.64 dBV/m**	Grid 6 **M4** **13.93 dBV/m**
Grid 7 **M4** **14.81 dBV/m**	Grid 8 **M4** **14.8 dBV/m**	Grid 9 **M4** **13.76 dBV/m**

Cursor:
Total = 14.81 dBV/m
E Category: M4
Location: 9.5, 19.5, 8.7 mm



0 dB = 5.502 V/m = 14.81 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 ℃

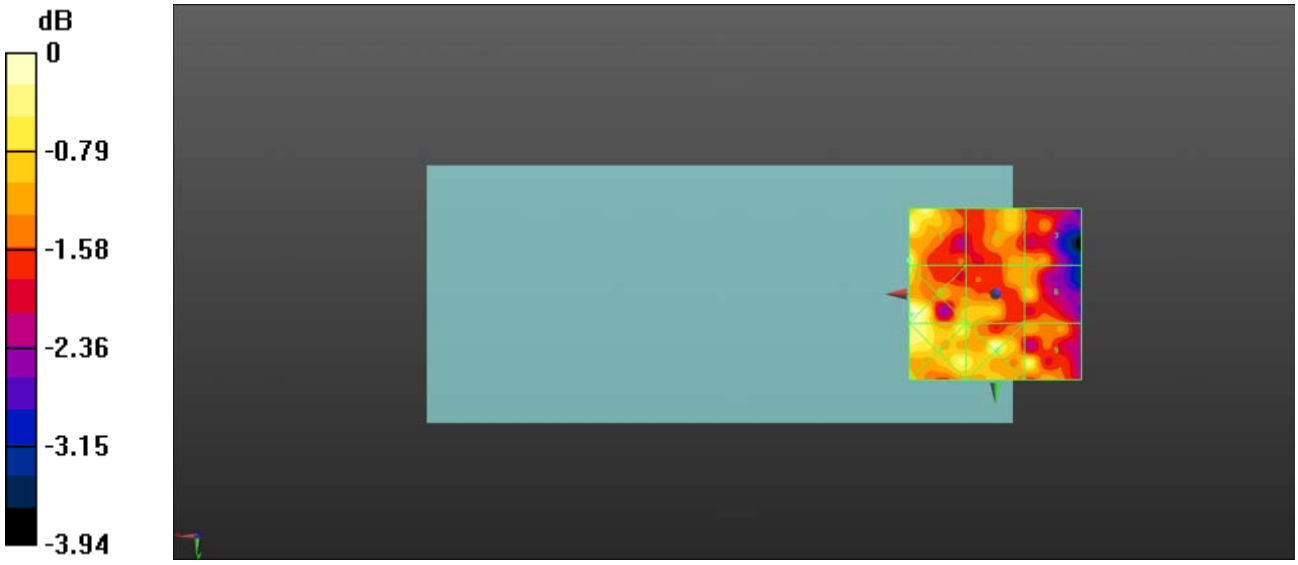
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 3.763 V/m; Power Drift = 0.07 dB
Applied MIF = 3.26 dB
RF audio interference level = 14.70 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.7 dBV/m**	Grid 2 **M4** **14.1 dBV/m**	Grid 3 **M4** **13.8 dBV/m**
Grid 4 **M4** **14.92 dBV/m**	Grid 5 **M4** **14.14 dBV/m**	Grid 6 **M4** **14.04 dBV/m**
Grid 7 **M4** **14.74 dBV/m**	Grid 8 **M4** **14.74 dBV/m**	Grid 9 **M4** **14.49 dBV/m**

Cursor:
Total = 14.92 dBV/m
E Category: M4
Location: 24.5, 6, 8.7 mm



0 dB = 5.574 V/m = 14.92 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: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.2 ℃

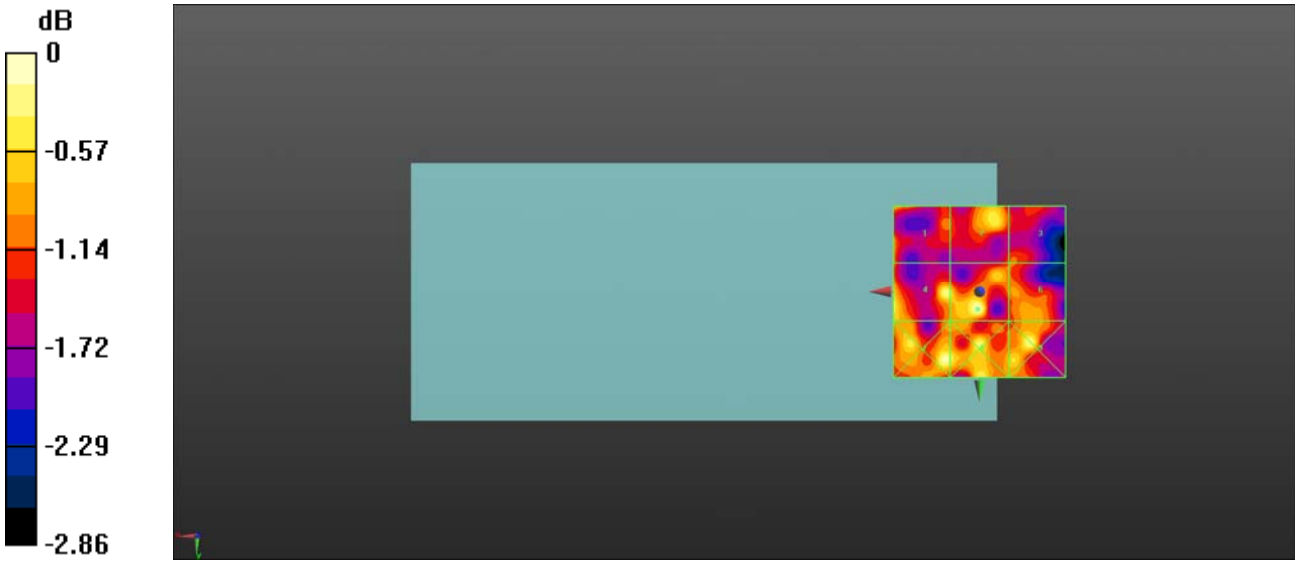
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 4.052 V/m; Power Drift = -0.11 dB
Applied MIF = 3.26 dB
RF audio interference level = 15.52 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.88 dBV/m**	Grid 2 **M4** **15.11 dBV/m**	Grid 3 **M4** **14.42 dBV/m**
Grid 4 **M4** **15.29 dBV/m**	Grid 5 **M4** **15.52 dBV/m**	Grid 6 **M4** **14.69 dBV/m**
Grid 7 **M4** **15.41 dBV/m**	Grid 8 **M4** **15.22 dBV/m**	Grid 9 **M4** **15.32 dBV/m**

Cursor:
Total = 15.52 dBV/m
E Category: M4
Location: 0.5, 5, 8.7 mm



0 dB = 5.973 V/m = 15.52 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 ℃

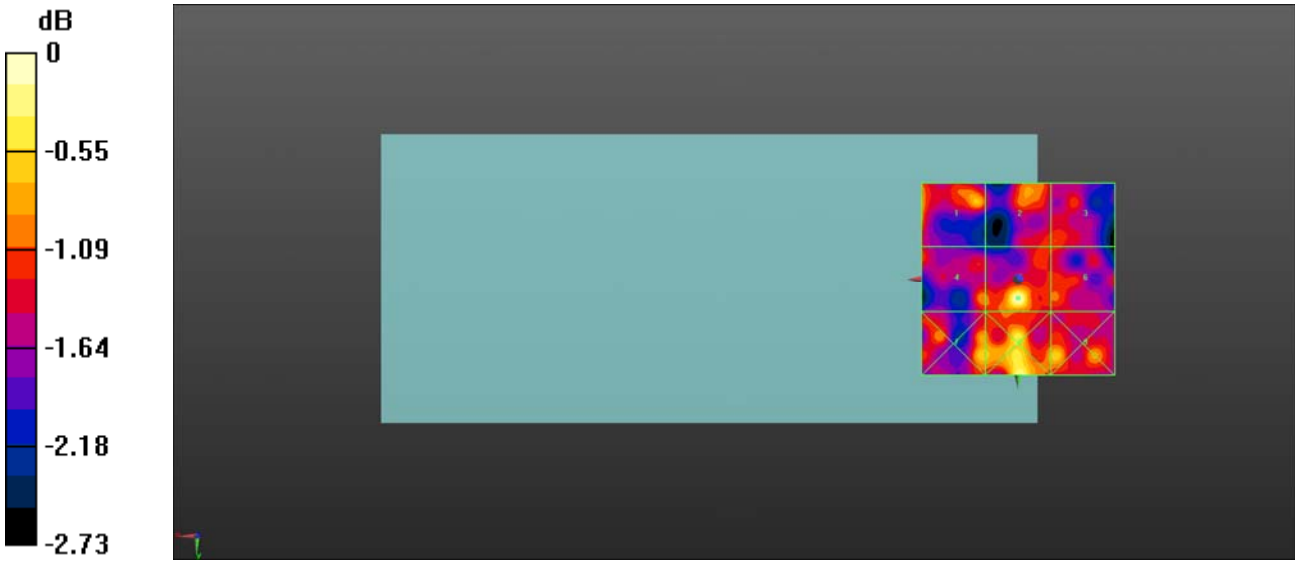
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 3.950 V/m; Power Drift = 0.05 dB
Applied MIF = 3.26 dB
RF audio interference level = 15.83 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.16 dBV/m**	Grid 2 **M4** **14.97 dBV/m**	Grid 3 **M4** **14.75 dBV/m**
Grid 4 **M4** **14.91 dBV/m**	Grid 5 **M4** **15.83 dBV/m**	Grid 6 **M4** **14.78 dBV/m**
Grid 7 **M4** **15.26 dBV/m**	Grid 8 **M4** **15.59 dBV/m**	Grid 9 **M4** **15.24 dBV/m**

Cursor:
Total = 15.83 dBV/m
E Category: M4
Location: 0, 5, 8.7 mm



0 dB = 6.189 V/m = 15.83 dBV/m

HAC RF_LTE Band 38_20M_QPSK_1RB_0offset_12.2Kbps_Ch37850_E

Communication System: UID 10172 - CAB, 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.2 ℃

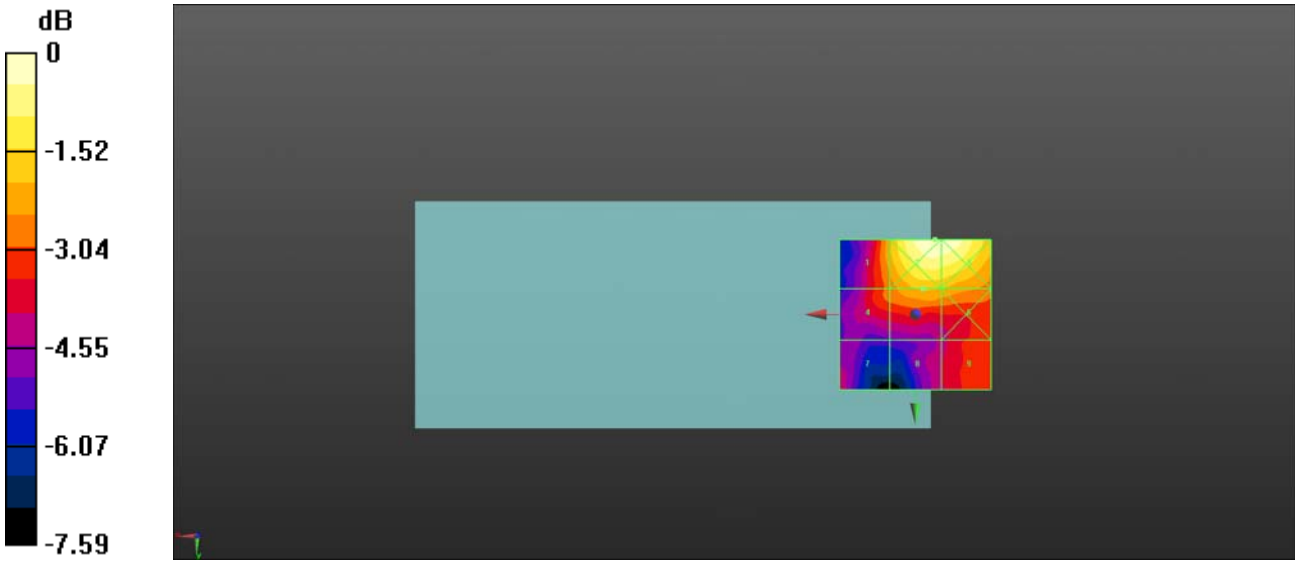
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch37850/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 = 8.170 V/m; Power Drift = 0.06 dB
Applied MIF = -1.62 dB
RF audio interference level = 16.29 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.11 dBV/m**	Grid 2 **M4** **18.23 dBV/m**	Grid 3 **M4** **18.19 dBV/m**
Grid 4 **M4** **15.46 dBV/m**	Grid 5 **M4** **16.29 dBV/m**	Grid 6 **M4** **16.21 dBV/m**
Grid 7 **M4** **14.29 dBV/m**	Grid 8 **M4** **14.2 dBV/m**	Grid 9 **M4** **15.22 dBV/m**

Cursor:
Total = 18.23 dBV/m
E Category: M4
Location: -6.5, -25, 8.7 mm



0 dB = 8.159 V/m = 18.23 dBV/m

HAC RF_LTE Band 38_20M_QPSK_1RB_0offset_12.2Kbps_Ch38000_E

Communication System: UID 10172 - CAB, 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.2 ℃

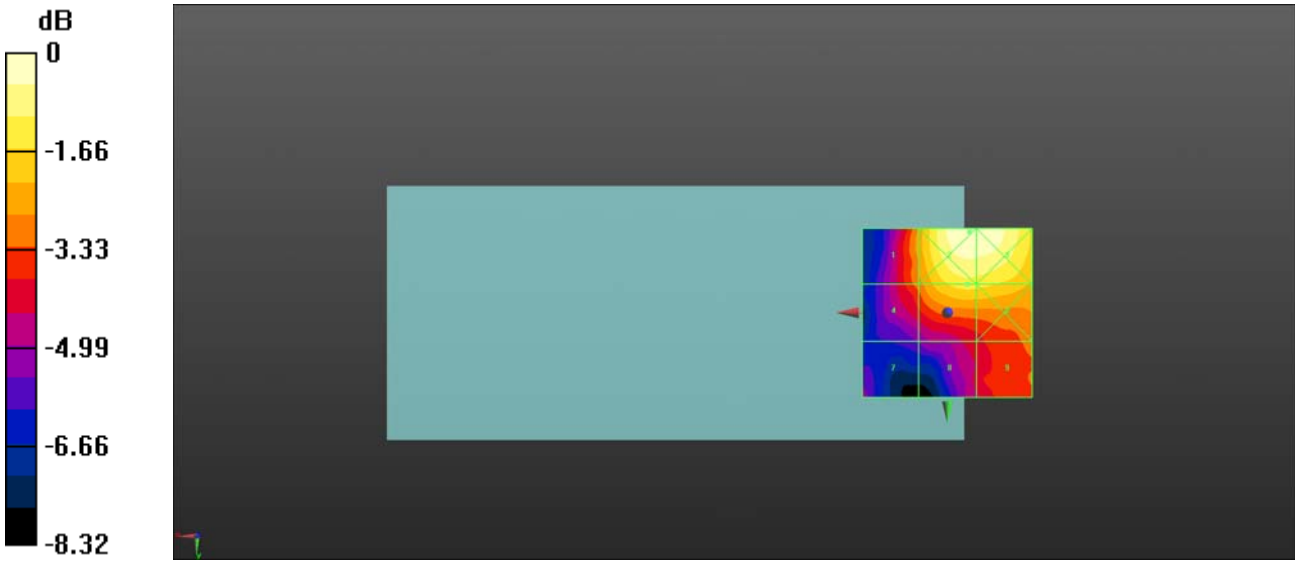
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38000/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 = 9.471 V/m; Power Drift = 0.05 dB
Applied MIF = -1.62 dB
RF audio interference level = 17.70 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.62 dBV/m**	Grid 2 **M4** **19.08 dBV/m**	Grid 3 **M4** **19.05 dBV/m**
Grid 4 **M4** **16.09 dBV/m**	Grid 5 **M4** **17.7 dBV/m**	Grid 6 **M4** **17.65 dBV/m**
Grid 7 **M4** **13.97 dBV/m**	Grid 8 **M4** **15.02 dBV/m**	Grid 9 **M4** **15.97 dBV/m**

Cursor:
Total = 19.08 dBV/m
E Category: M4
Location: -6.5, -24, 8.7 mm



0 dB = 9.000 V/m = 19.08 dBV/m

HAC RF_LTE Band 38_20M_QPSK_1RB_0offset_12.2Kbps_Ch38150_E

Communication System: UID 10172 - CAB, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2619.9 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 ℃

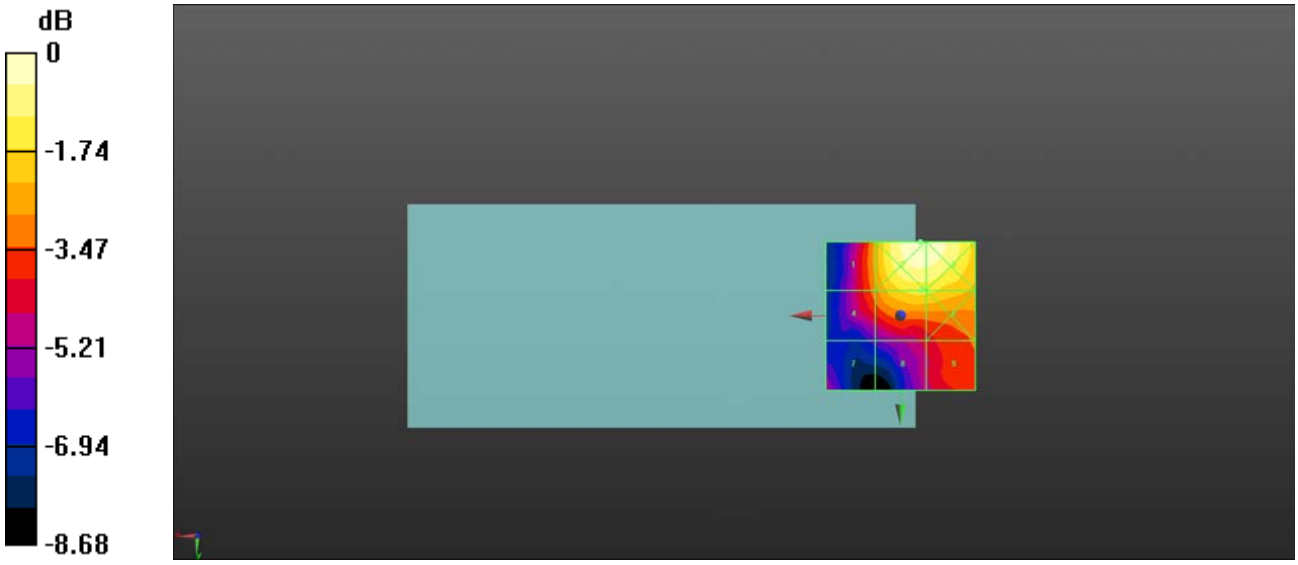
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38150/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 = 10.29 V/m; Power Drift = -0.07 dB
Applied MIF = -1.62 dB
RF audio interference level = 18.21 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.13 dBV/m**	Grid 2 **M4** **19.73 dBV/m**	Grid 3 **M4** **19.68 dBV/m**
Grid 4 **M4** **16.64 dBV/m**	Grid 5 **M4** **18.21 dBV/m**	Grid 6 **M4** **18.18 dBV/m**
Grid 7 **M4** **14.44 dBV/m**	Grid 8 **M4** **15.39 dBV/m**	Grid 9 **M4** **16.37 dBV/m**

Cursor:
Total = 19.73 dBV/m
E Category: M4
Location: -6.5, -25, 8.7 mm



0 dB = 9.693 V/m = 19.73 dBV/m

HAC RF_LTE Band 40A_10M_QPSK_1RB_0offset_12.2Kbps_Ch38750_E

Communication System: UID 10237 - CAB, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 2310 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 ℃

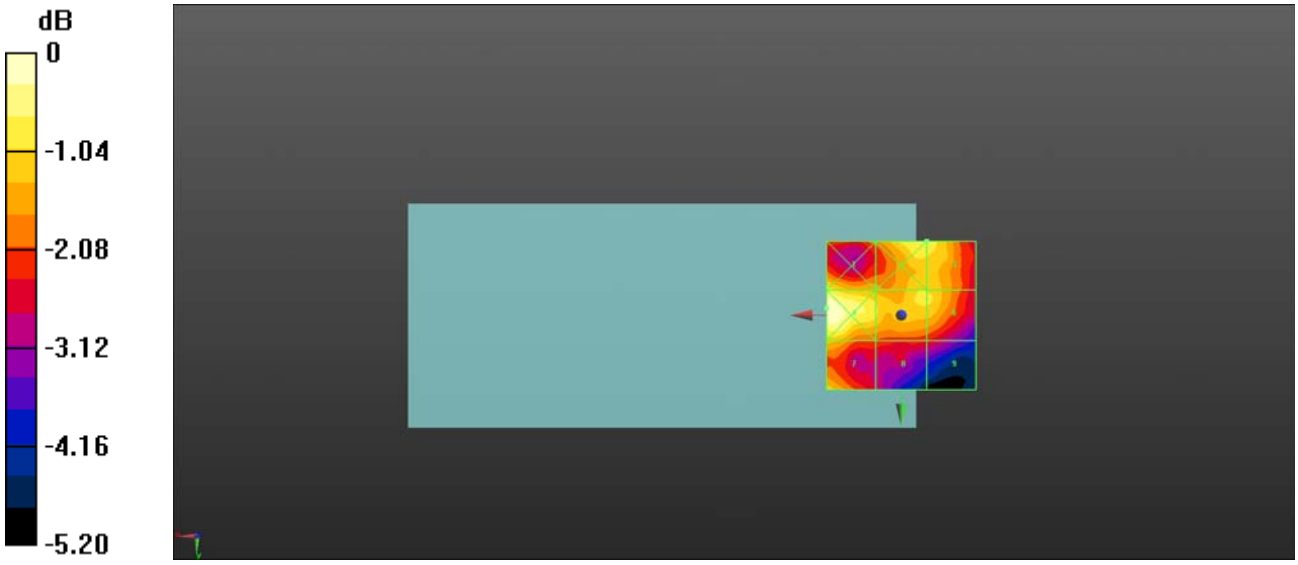
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch38750/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 = 10.12 V/m; Power Drift = -0.14 dB
Applied MIF = -1.62 dB
RF audio interference level = 16.40 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.44 dBV/m**	Grid 2 **M4** **16.52 dBV/m**	Grid 3 **M4** **16.4 dBV/m**
Grid 4 **M4** **17.18 dBV/m**	Grid 5 **M4** **16.24 dBV/m**	Grid 6 **M4** **16.22 dBV/m**
Grid 7 **M4** **16.12 dBV/m**	Grid 8 **M4** **15.08 dBV/m**	Grid 9 **M4** **14.78 dBV/m**

Cursor:
Total = 17.18 dBV/m
E Category: M4
Location: 25, -2.5, 8.7 mm



0 dB = 7.224 V/m = 17.18 dBV/m

HAC RF_LTE Band 40B_10M_QPSK_1RB_0offset_12.2Kbps_Ch39200_E

Communication System: UID 10237 - CAB, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 2355 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 ℃

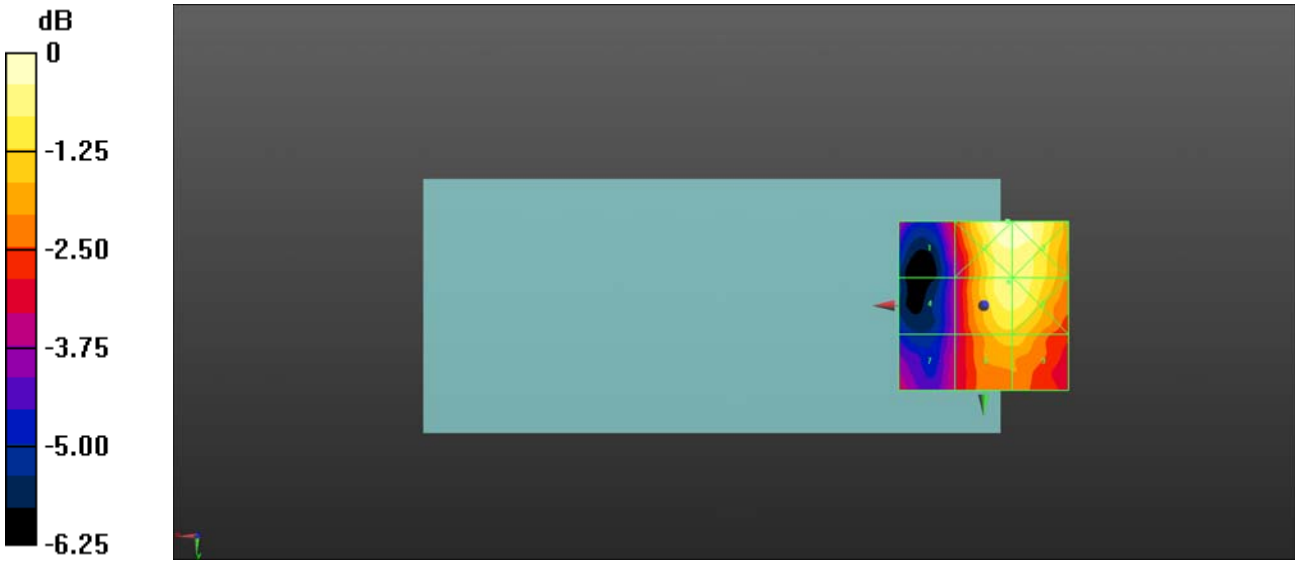
DASY5 Configuration:
- Probe: ER3DV6 - SN2344; ConvF(1, 1, 1); Calibrated: 2020.06.23;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39200/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 = 9.777 V/m; Power Drift = 0.06 dB
Applied MIF = -1.62 dB
RF audio interference level = 17.21 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.76 dBV/m**	Grid 2 **M4** **17.66 dBV/m**	Grid 3 **M4** **17.63 dBV/m**
Grid 4 **M4** **13.95 dBV/m**	Grid 5 **M4** **17.21 dBV/m**	Grid 6 **M4** **17.21 dBV/m**
Grid 7 **M4** **14.6 dBV/m**	Grid 8 **M4** **16.33 dBV/m**	Grid 9 **M4** **16.33 dBV/m**

Cursor:
Total = 17.66 dBV/m
E Category: M4
Location: -7, -25, 8.7 mm



0 dB = 7.636 V/m = 17.66 dBV/m