1 HAC RF GSM850_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：23.5 ℃

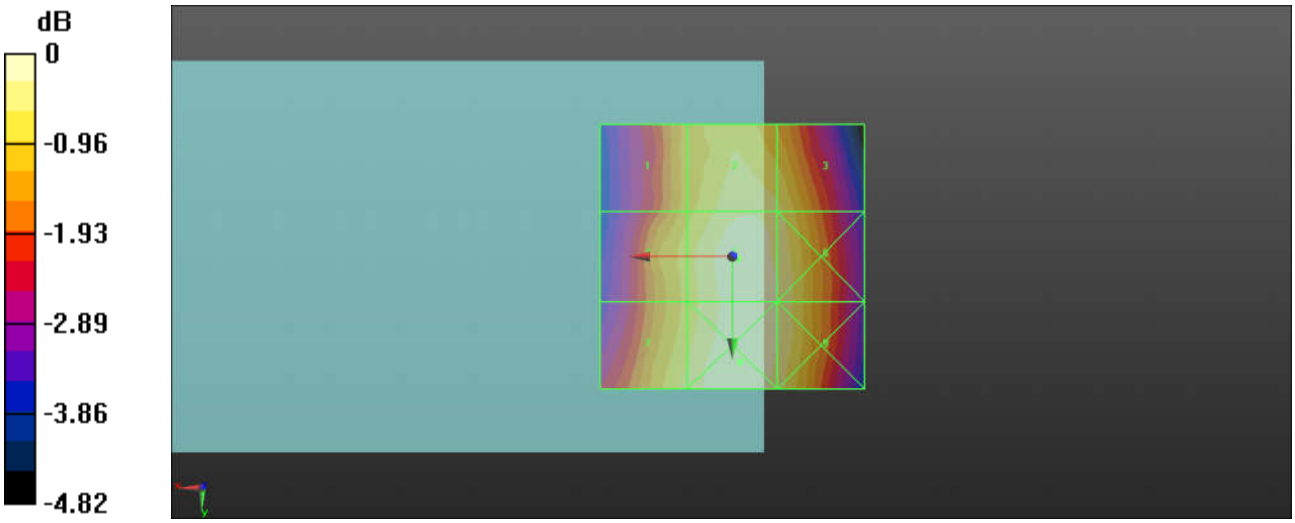
DASY5 Configuration:
- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2018.1.9;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 59.77 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.89 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **35.92 dBV/m**	Grid 2 **M4** **36.64 dBV/m**	Grid 3 **M4** **36.43 dBV/m**
Grid 4 **M4** **36.24 dBV/m**	Grid 5 **M4** **36.89 dBV/m**	Grid 6 **M4** **36.69 dBV/m**
Grid 7 **M4** **36.44 dBV/m**	Grid 8 **M4** **36.98 dBV/m**	Grid 9 **M4** **36.71 dBV/m**

Cursor:
Total = 36.98 dBV/m
E Category: M4
Location: -1.5, 20, 8.7 mm



0 dB = 70.65 V/m = 36.98 dBV/m

2 HAC RF GSM850_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：23.5 ℃

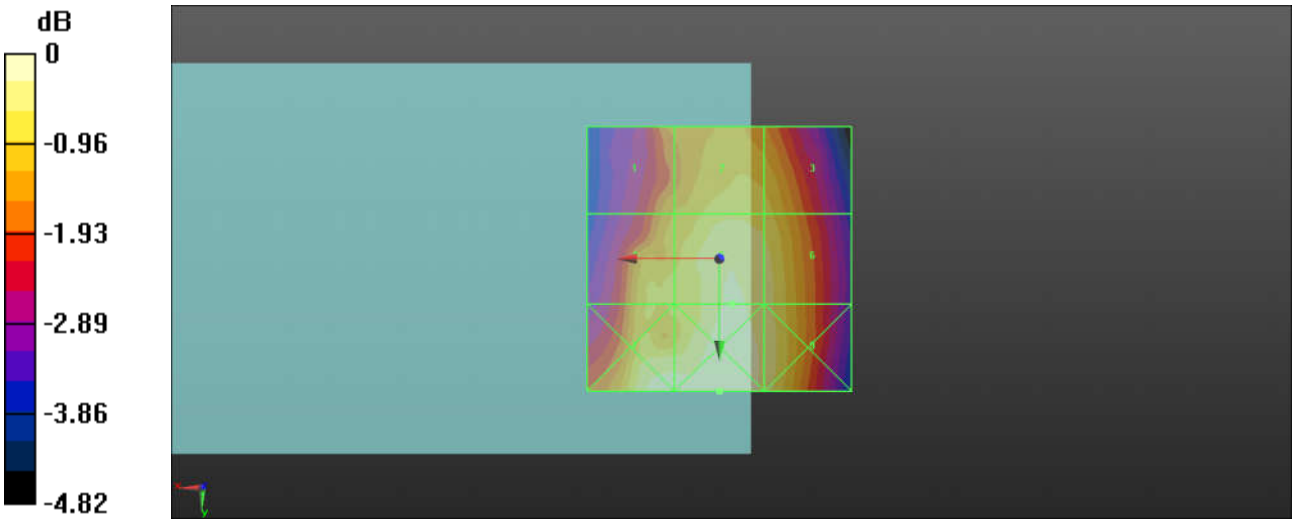
DASY5 Configuration:
- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2018.1.9;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 47.01 V/m; Power Drift = 0.07 dB
Applied MIF = 3.63 dB
RF audio interference level = 34.58 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **33.61 dBV/m**	Grid 2 **M4** **34.17 dBV/m**	Grid 3 **M4** **34.06 dBV/m**
Grid 4 **M4** **34.02 dBV/m**	Grid 5 **M4** **34.58 dBV/m**	Grid 6 **M4** **34.4 dBV/m**
Grid 7 **M4** **34.74 dBV/m**	Grid 8 **M4** **34.87 dBV/m**	Grid 9 **M4** **34.5 dBV/m**

Cursor:
Total = 34.87 dBV/m
E Category: M4
Location: 0, 25, 8.7 mm



0 dB = 55.38 V/m = 34.87 dBV/m

3 HAC RF GSM850_Voice_Ch251_E

Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 848.8 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：23.5 ℃

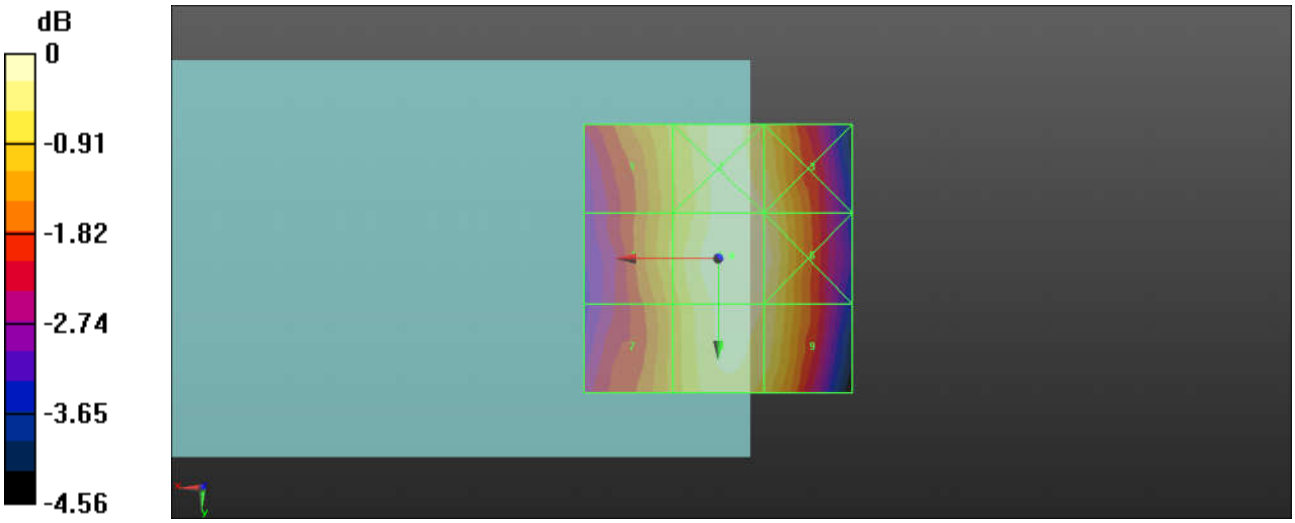
DASY5 Configuration:
- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2018.1.9;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 53.65 V/m; Power Drift = -0.10 dB
Applied MIF = 3.63 dB
RF audio interference level = 35.34 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **34.53 dBV/m**	Grid 2 **M4** **35.27 dBV/m**	Grid 3 **M4** **35.05 dBV/m**
Grid 4 **M4** **34.52 dBV/m**	Grid 5 **M4** **35.34 dBV/m**	Grid 6 **M4** **35.21 dBV/m**
Grid 7 **M4** **34.27 dBV/m**	Grid 8 **M4** **35.18 dBV/m**	Grid 9 **M4** **35.01 dBV/m**

Cursor:
Total = 35.34 dBV/m
E Category: M4
Location: -2.5, -0.5, 8.7 mm



0 dB = 58.48 V/m = 35.34 dBV/m

4 HAC RF GSM1900_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：23.5 ℃

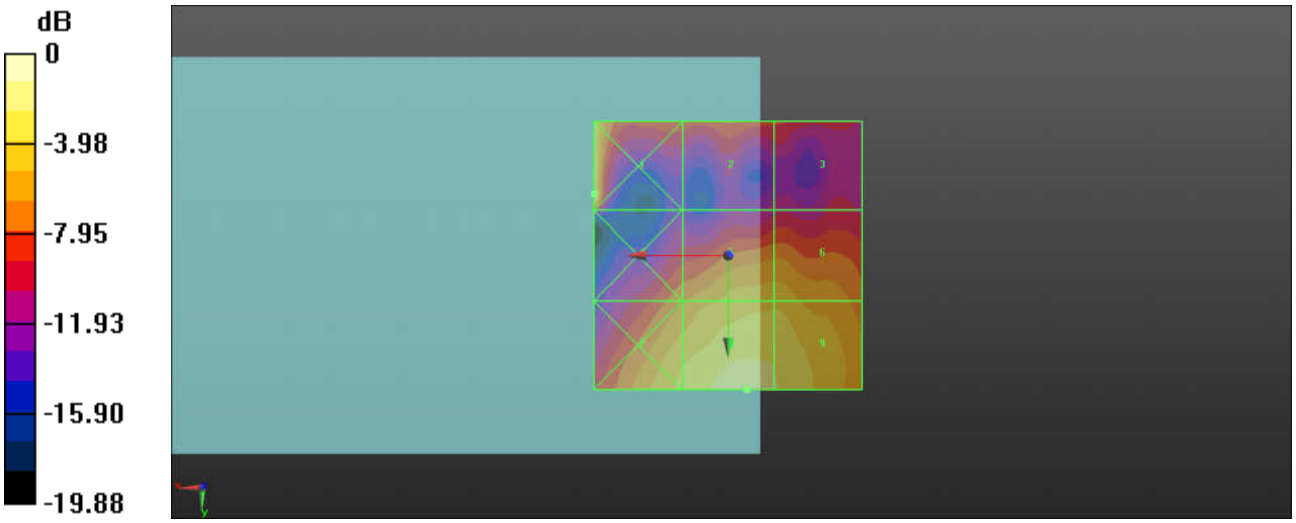
DASY5 Configuration:
- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2018.1.9;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 19.93 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 31.55 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **33.78 dBV/m**	Grid 2 **M4** **25.99 dBV/m**	Grid 3 **M4** **24.97 dBV/m**
Grid 4 **M4** **27.04 dBV/m**	Grid 5 **M4** **29.45 dBV/m**	Grid 6 **M4** **29.45 dBV/m**
Grid 7 **M3** **30.23 dBV/m**	Grid 8 **M3** **31.55 dBV/m**	Grid 9 **M3** **31.23 dBV/m**

Cursor:
Total = 33.78 dBV/m
E Category: M3
Location: 25, -11.5, 8.7 mm



0 dB = 48.87 V/m = 33.78 dBV/m

5 HAC RF GSM1900_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：23.5 ℃

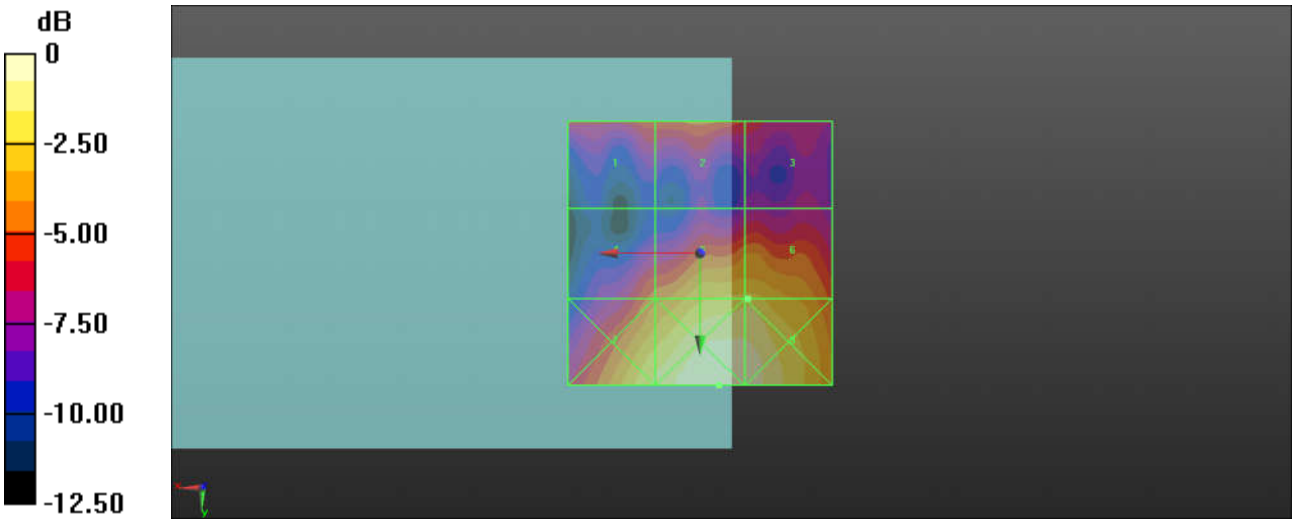
DASY5 Configuration:
- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2018.1.9;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 16.93 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.79 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.88 dBV/m**	Grid 2 **M4** **26.21 dBV/m**	Grid 3 **M4** **25.04 dBV/m**
Grid 4 **M4** **26.38 dBV/m**	Grid 5 **M4** **28.77 dBV/m**	Grid 6 **M4** **28.79 dBV/m**
Grid 7 **M4** **29.51 dBV/m**	Grid 8 **M3** **30.9 dBV/m**	Grid 9 **M3** **30.61 dBV/m**

Cursor:
Total = 30.90 dBV/m
E Category: M3
Location: -3.5, 25, 8.7 mm



0 dB = 35.09 V/m = 30.90 dBV/m

6 HAC RF GSM1900_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：23.5 ℃

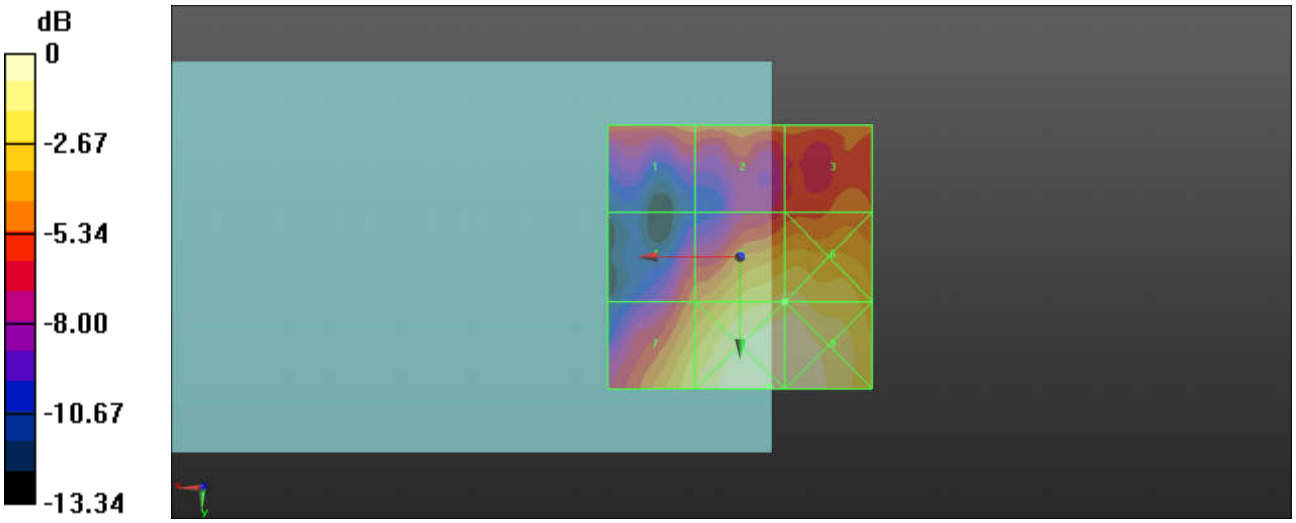
DASY5 Configuration:
- Probe: EF3DV3 - SN4050; ConvF(1, 1, 1); Calibrated: 2018.1.9;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1358; Calibrated: 2018.4.19
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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 = 16.32 V/m; Power Drift = 0.07 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.74 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.48 dBV/m**	Grid 2 **M4** **25.54 dBV/m**	Grid 3 **M4** **25.47 dBV/m**
Grid 4 **M4** **25.44 dBV/m**	Grid 5 **M4** **28.74 dBV/m**	Grid 6 **M4** **28.8 dBV/m**
Grid 7 **M4** **28.26 dBV/m**	Grid 8 **M3** **30.11 dBV/m**	Grid 9 **M3** **30.06 dBV/m**

Cursor:
Total = 30.11 dBV/m
E Category: M3
Location: -5.5, 24.5, 8.7 mm



0 dB = 32.01 V/m = 30.11 dBV/m