

01_HAC RF_GSM850_GSM Voice_Ch128_E

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 71.76 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 38.70 dBV/m

Emission category: M4

MIF scaled E-field

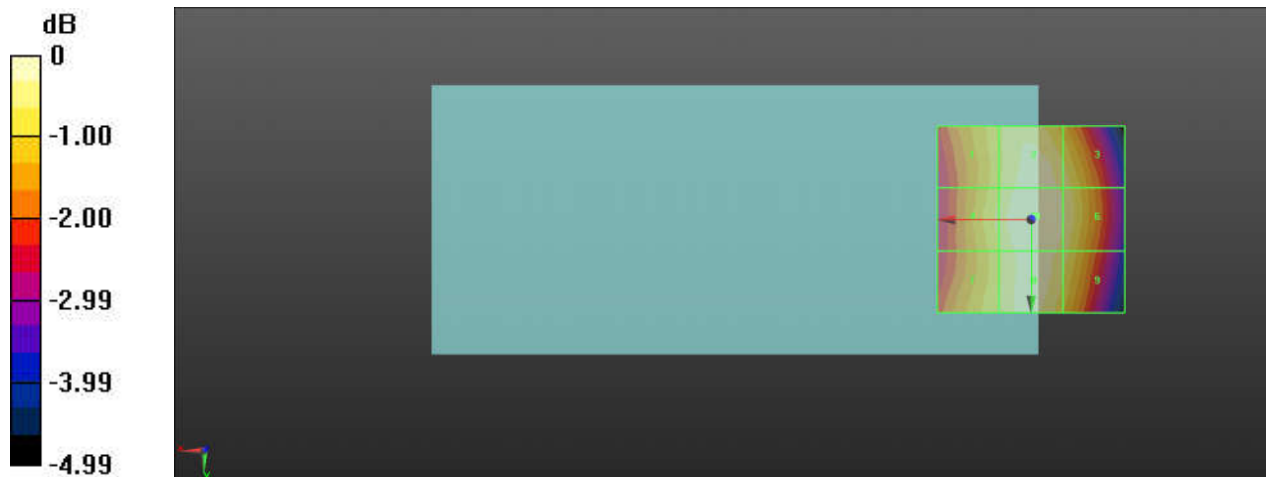
Grid 1 M4 38.01 dBV/m	Grid 2 M4 38.58 dBV/m	Grid 3 M4 38.29 dBV/m
Grid 4 M4 38.18 dBV/m	Grid 5 M4 38.7 dBV/m	Grid 6 M4 38.42 dBV/m
Grid 7 M4 38.1 dBV/m	Grid 8 M4 38.56 dBV/m	Grid 9 M4 38.22 dBV/m

Cursor:

Total = 38.70 dBV/m

E Category: M4

Location: -1.5, -1, 7.7 mm



0 dB = 86.12 V/m = 38.70 dBV/m

02_HAC RF_GSM850_GSM Voice_Ch189_E

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 72.44 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 38.67 dBV/m

Emission category: M4

MIF scaled E-field

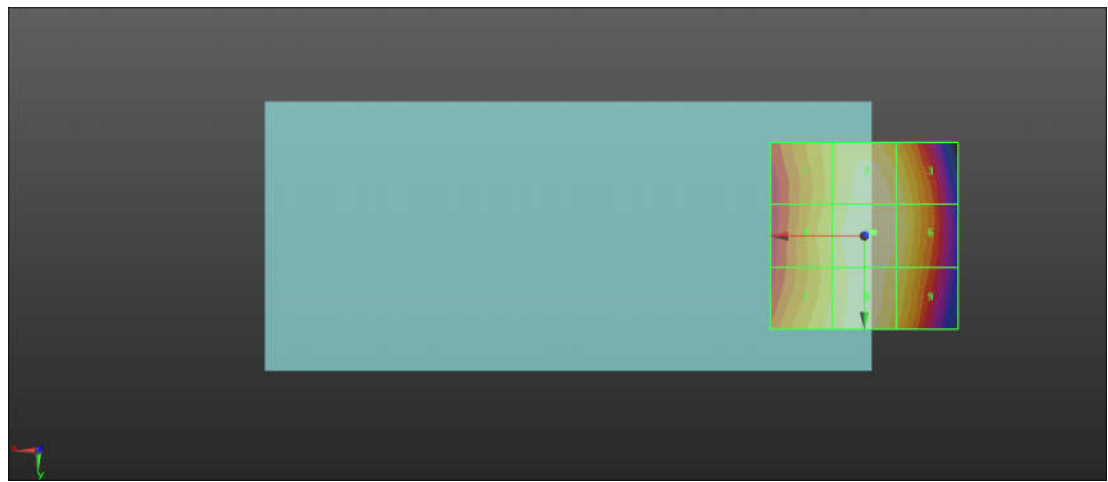
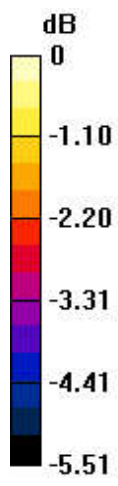
Grid 1 M4 37.85 dBV/m	Grid 2 M4 38.55 dBV/m	Grid 3 M4 38.25 dBV/m
Grid 4 M4 38.06 dBV/m	Grid 5 M4 38.67 dBV/m	Grid 6 M4 38.35 dBV/m
Grid 7 M4 38.13 dBV/m	Grid 8 M4 38.51 dBV/m	Grid 9 M4 38.12 dBV/m

Cursor:

Total = 38.67 dBV/m

E Category: M4

Location: -2.5, -1, 7.7 mm



0 dB = 85.78 V/m = 38.67 dBV/m

03_HAC RF_GSM850_GSM Voice_Ch251_E

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 65.21 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.82 dBV/m

Emission category: M4

MIF scaled E-field

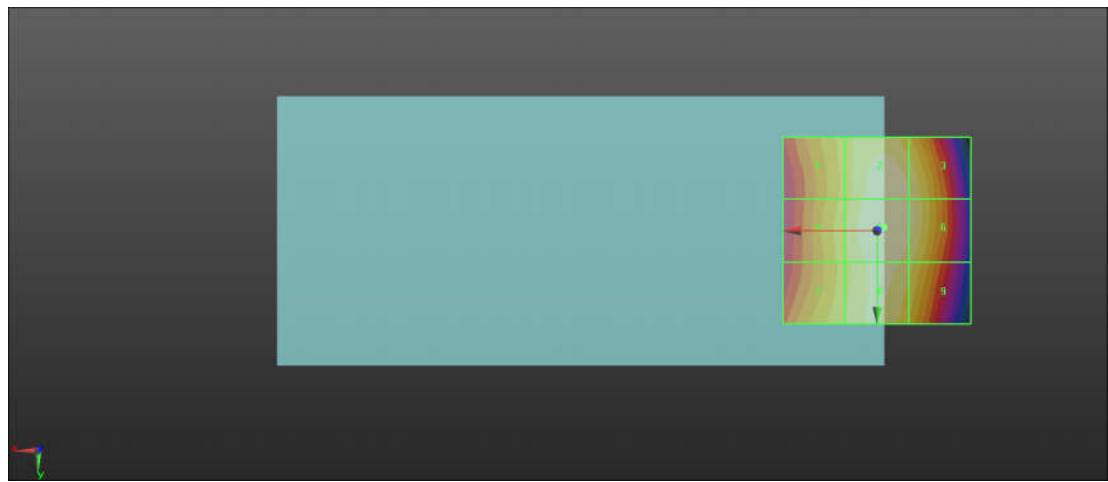
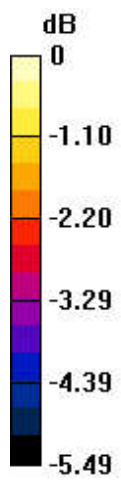
Grid 1 M4 36.92 dBV/m	Grid 2 M4 37.72 dBV/m	Grid 3 M4 37.52 dBV/m
Grid 4 M4 37.1 dBV/m	Grid 5 M4 37.82 dBV/m	Grid 6 M4 37.58 dBV/m
Grid 7 M4 37.14 dBV/m	Grid 8 M4 37.59 dBV/m	Grid 9 M4 37.24 dBV/m

Cursor:

Total = 37.82 dBV/m

E Category: M4

Location: -2, -1, 7.7 mm



0 dB = 77.76 V/m = 37.82 dBV/m

04_HAC RF_GSM1900_GSM Voice_Ch512_E

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 25.37 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.98 dBV/m

Emission category: M3

MIF scaled E-field

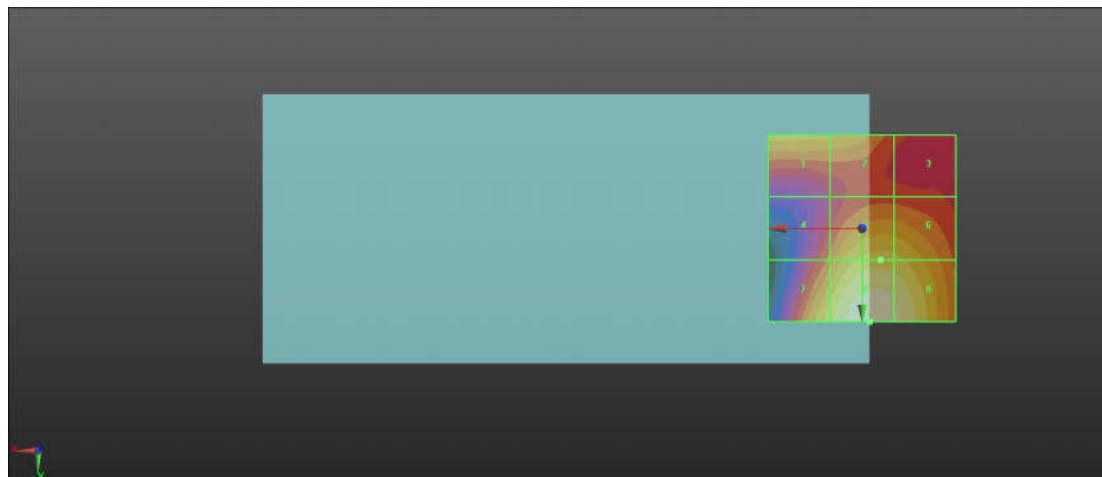
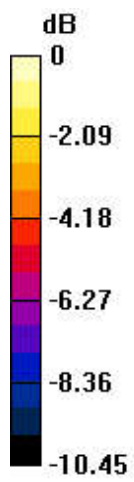
Grid 1 M3 30.62 dBV/m	Grid 2 M3 30.39 dBV/m	Grid 3 M4 28.54 dBV/m
Grid 4 M4 29.27 dBV/m	Grid 5 M3 31.32 dBV/m	Grid 6 M3 31.2 dBV/m
Grid 7 M3 31.53 dBV/m	Grid 8 M3 32.98 dBV/m	Grid 9 M3 32.57 dBV/m

Cursor:

Total = 32.98 dBV/m

E Category: M3

Location: -2, 25, 7.7 mm



0 dB = 44.59 V/m = 32.98 dBV/m

05_HAC RF_GSM1900_GSM Voice_Ch661_E

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961
 Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
 Ambient Temperature : 23.4 °C

DASY5 Configuration:

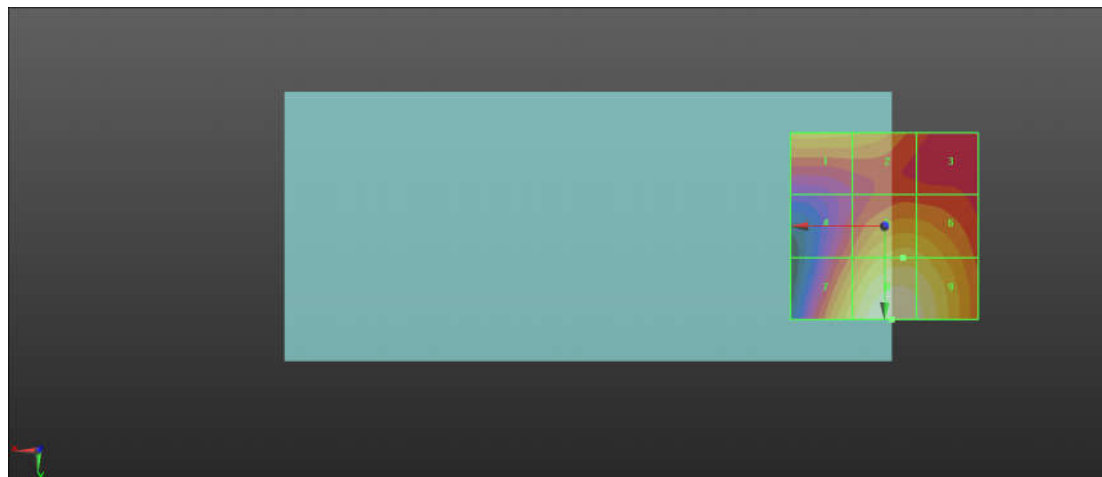
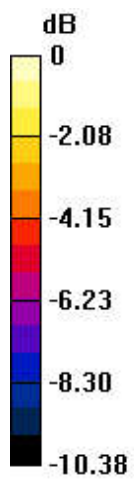
- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 25.45 V/m; Power Drift = -0.01 dB
 Applied MIF = 3.63 dB
 RF audio interference level = 33.01 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 M3 30.67 dBV/m	Grid 2 M3 30.41 dBV/m	Grid 3 M4 28.55 dBV/m
Grid 4 M4 29.27 dBV/m	Grid 5 M3 31.34 dBV/m	Grid 6 M3 31.21 dBV/m
Grid 7 M3 31.57 dBV/m	Grid 8 M3 33.01 dBV/m	Grid 9 M3 32.59 dBV/m

Cursor:
 Total = 33.01 dBV/m
 E Category: M3
 Location: -2, 25, 7.7 mm



0 dB = 44.70 V/m = 33.01 dBV/m

06_HAC RF_GSM1900_GSM Voice_Ch810_E

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 25.39 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.04 dBV/m

Emission category: M3

MIF scaled E-field

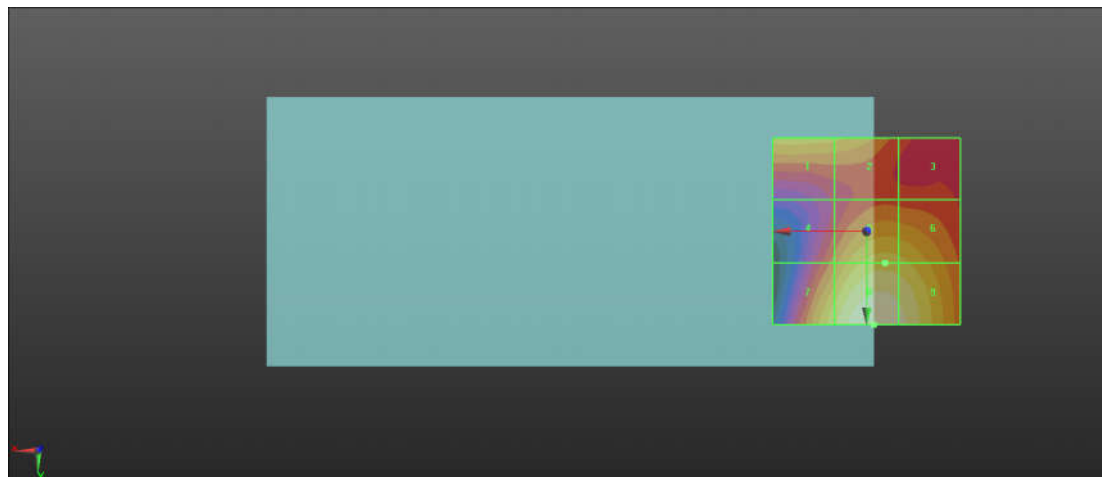
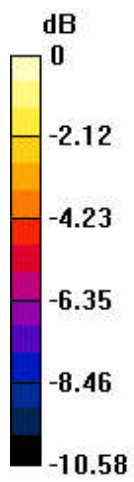
Grid 1 M3 30.7 dBV/m	Grid 2 M3 30.44 dBV/m	Grid 3 M4 28.54 dBV/m
Grid 4 M4 29.33 dBV/m	Grid 5 M3 31.37 dBV/m	Grid 6 M3 31.24 dBV/m
Grid 7 M3 31.6 dBV/m	Grid 8 M3 33.04 dBV/m	Grid 9 M3 32.62 dBV/m

Cursor:

Total = 33.04 dBV/m

E Category: M3

Location: -2, 25, 7.7 mm



0 dB = 44.87 V/m = 33.04 dBV/m

6_1_HAC RF_GSM1900_GSM Voice_Ch810_E

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69961

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

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 = 26.56 V/m; Power Drift = 0.09 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.08 dBV/m

Emission category: M3

MIF scaled E-field

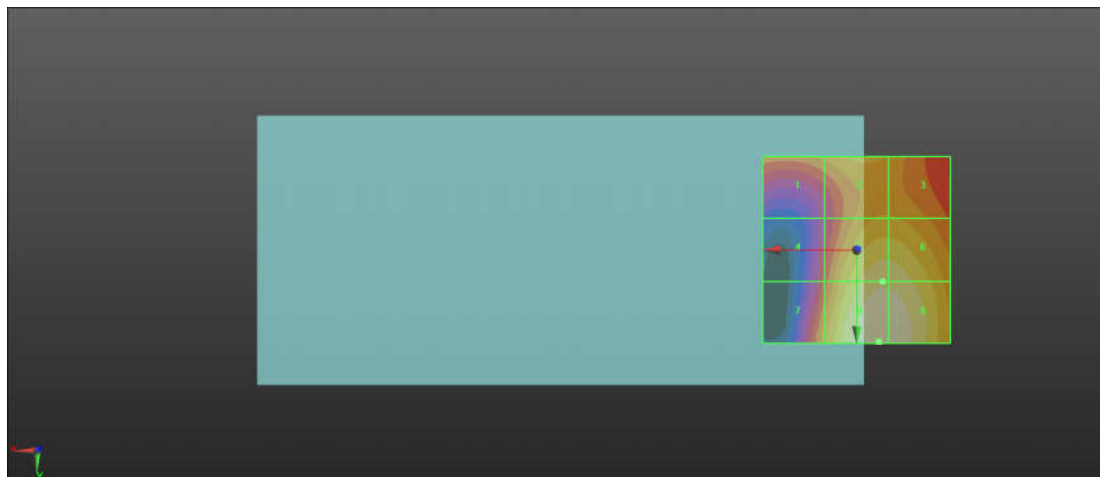
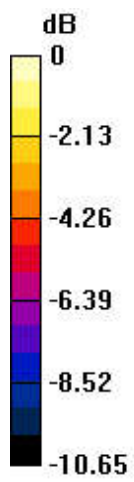
Grid 1 M4 28.79 dBV/m	Grid 2 M4 29.5 dBV/m	Grid 3 M4 29.33 dBV/m
Grid 4 M4 27.5 dBV/m	Grid 5 M3 31.25 dBV/m	Grid 6 M3 31.23 dBV/m
Grid 7 M4 29.13 dBV/m	Grid 8 M3 32.08 dBV/m	Grid 9 M3 32 dBV/m

Cursor:

Total = 32.08 dBV/m

E Category: M3

Location: -6, 24.5, 7.7 mm



0 dB = 40.20 V/m = 32.08 dBV/m

34_HAC RF_WLAN2.4GHz_802.11g 1M_Ch1_E

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps);
 Frequency: 2412 MHz; Duty Cycle: 1:2.29034
 Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
 Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch1/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 = 54.48 V/m; Power Drift = -0.04 dB
 Applied MIF = -2.02 dB
 RF audio interference level = 31.10 dBV/m

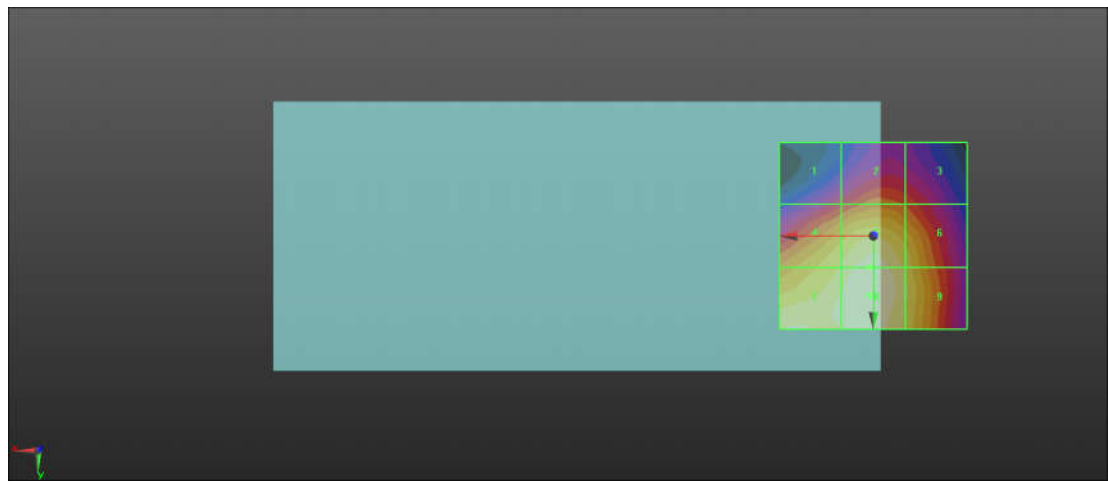
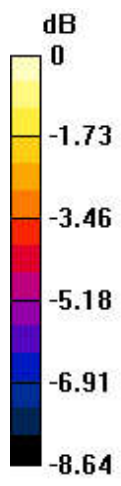
Emission category: M3

MIF scaled E-field

Grid 1 M4 26.95 dBV/m	Grid 2 M4 28.02 dBV/m	Grid 3 M4 27.57 dBV/m
Grid 4 M3 30.07 dBV/m	Grid 5 M3 30.77 dBV/m	Grid 6 M4 29.8 dBV/m
Grid 7 M3 30.68 dBV/m	Grid 8 M3 31.1 dBV/m	Grid 9 M3 30.09 dBV/m

Cursor:

Total = 31.10 dBV/m
 E Category: M3
 Location: 1, 16, 7.7 mm



0 dB = 35.88 V/m = 31.10 dBV/m

35_HAC_RF_WLAN2.4GHz_802.11g_1M_Ch6_E

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps);
 Frequency: 2437 MHz; Duty Cycle: 1:2.29034
 Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
 Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch6/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 = 53.47 V/m; Power Drift = 0.03 dB
 Applied MIF = -2.02 dB
 RF audio interference level = 30.96 dBV/m

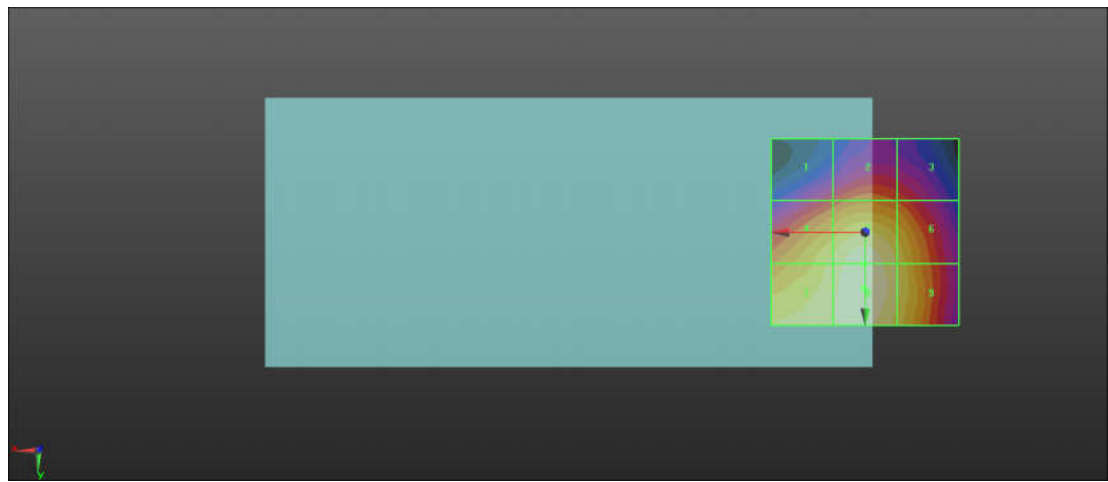
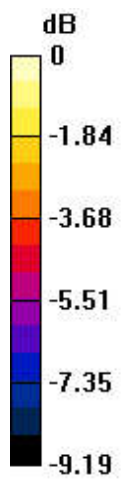
Emission category: M3

MIF scaled E-field

Grid 1 M4 26.75 dBV/m	Grid 2 M4 27.78 dBV/m	Grid 3 M4 27.21 dBV/m
Grid 4 M4 29.96 dBV/m	Grid 5 M3 30.69 dBV/m	Grid 6 M4 29.73 dBV/m
Grid 7 M3 30.3 dBV/m	Grid 8 M3 30.96 dBV/m	Grid 9 M4 29.9 dBV/m

Cursor:

Total = 30.96 dBV/m
 E Category: M3
 Location: 0.5, 15, 7.7 mm



0 dB = 35.31 V/m = 30.96 dBV/m

36_HAC RF_WLAN2.4GHz_802.11g 1M_Ch11_E

Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps);
 Frequency: 2462 MHz;Duty Cycle: 1:2.29034
 Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³
 Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4062; ConvF(1, 1, 1); Calibrated: 2022/12/23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1386; Calibrated: 2023/7/17
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch11/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 = 53.62 V/m; Power Drift = -0.03 dB
 Applied MIF = -2.02 dB
 RF audio interference level = 30.55 dBV/m

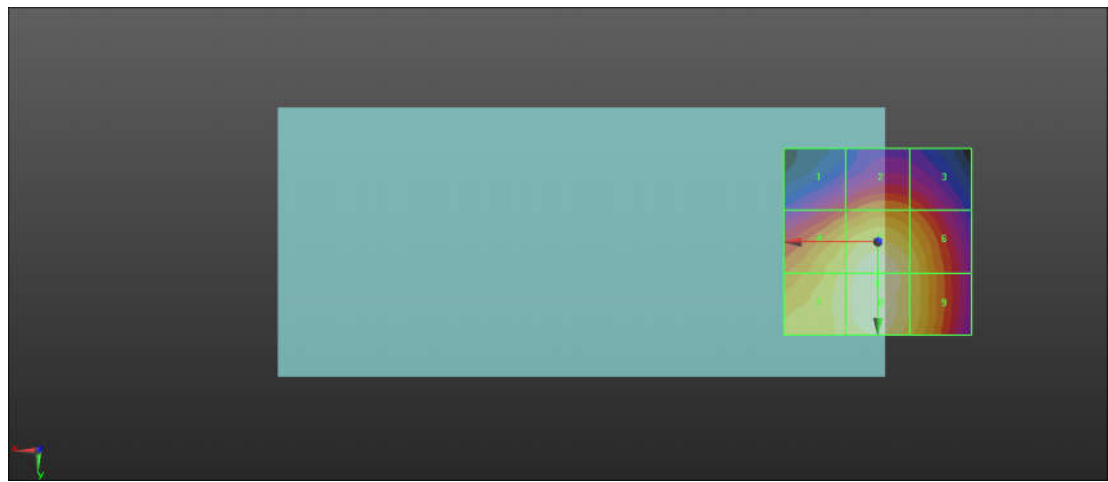
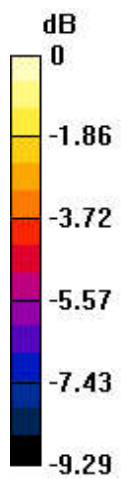
Emission category: M3

MIF scaled E-field

Grid 1 M4 26.48 dBV/m	Grid 2 M4 27.6 dBV/m	Grid 3 M4 27.11 dBV/m
Grid 4 M4 29.58 dBV/m	Grid 5 M3 30.48 dBV/m	Grid 6 M4 29.38 dBV/m
Grid 7 M4 29.76 dBV/m	Grid 8 M3 30.55 dBV/m	Grid 9 M4 29.41 dBV/m

Cursor:

Total = 30.55 dBV/m
 E Category: M3
 Location: 0, 11, 7.7 mm



0 dB = 33.71 V/m = 30.56 dBV/m