

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 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2023/3/23
- 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 = 54.58 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.20 dBV/m

Emission category: M4

MIF scaled E-field

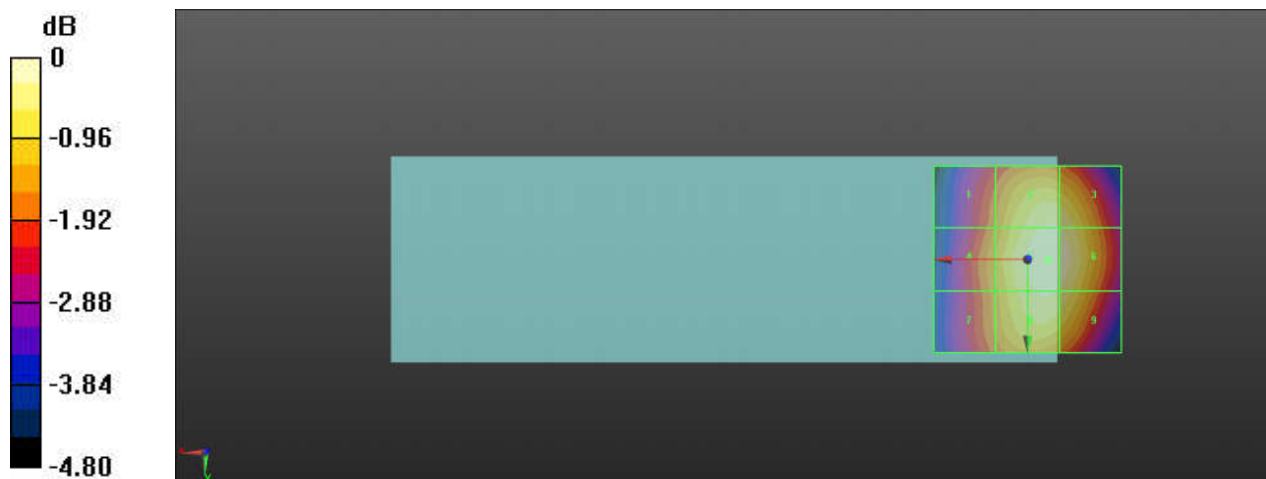
Grid 1 M4 34.66 dBV/m	Grid 2 M4 35.94 dBV/m	Grid 3 M4 35.9 dBV/m
Grid 4 M4 34.98 dBV/m	Grid 5 M4 36.2 dBV/m	Grid 6 M4 36.14 dBV/m
Grid 7 M4 34.83 dBV/m	Grid 8 M4 35.94 dBV/m	Grid 9 M4 35.84 dBV/m

Cursor:

Total = 36.20 dBV/m

E Category: M4

Location: -5.5, 0, 7.7 mm



0 dB = 64.54 V/m = 36.20 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 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2023/3/23
- 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 = 51.46 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.64 dBV/m

Emission category: M4

MIF scaled E-field

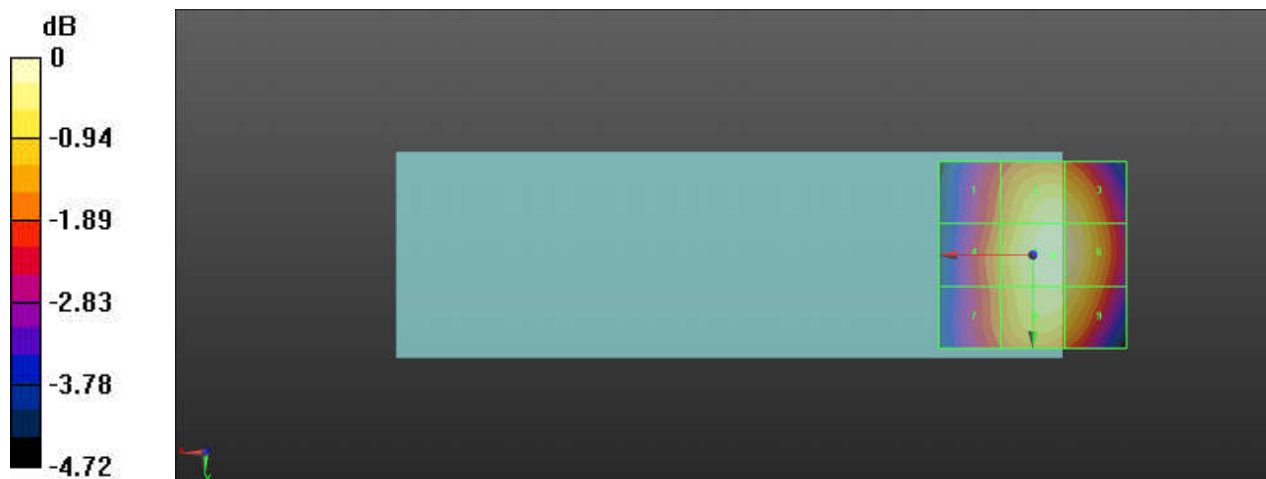
Grid 1 M4 34.1 dBV/m	Grid 2 M4 35.37 dBV/m	Grid 3 M4 35.34 dBV/m
Grid 4 M4 34.4 dBV/m	Grid 5 M4 35.64 dBV/m	Grid 6 M4 35.57 dBV/m
Grid 7 M4 34.23 dBV/m	Grid 8 M4 35.36 dBV/m	Grid 9 M4 35.24 dBV/m

Cursor:

Total = 35.64 dBV/m

E Category: M4

Location: -5.5, 0, 7.7 mm



0 dB = 60.51 V/m = 35.64 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 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2023/3/23
- 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 = 54.96 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.17 dBV/m

Emission category: M4

MIF scaled E-field

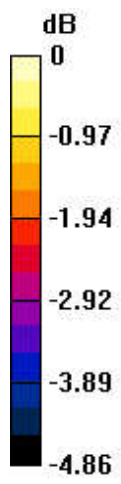
Grid 1 M4 34.68 dBV/m	Grid 2 M4 35.94 dBV/m	Grid 3 M4 35.9 dBV/m
Grid 4 M4 34.95 dBV/m	Grid 5 M4 36.17 dBV/m	Grid 6 M4 36.11 dBV/m
Grid 7 M4 34.78 dBV/m	Grid 8 M4 35.89 dBV/m	Grid 9 M4 35.78 dBV/m

Cursor:

Total = 36.17 dBV/m

E Category: M4

Location: -5.5, -0.5, 7.7 mm



0 dB = 64.37 V/m = 36.17 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 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2023/3/23
- 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 = 11.34 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.44 dBV/m

Emission category: M4

MIF scaled E-field

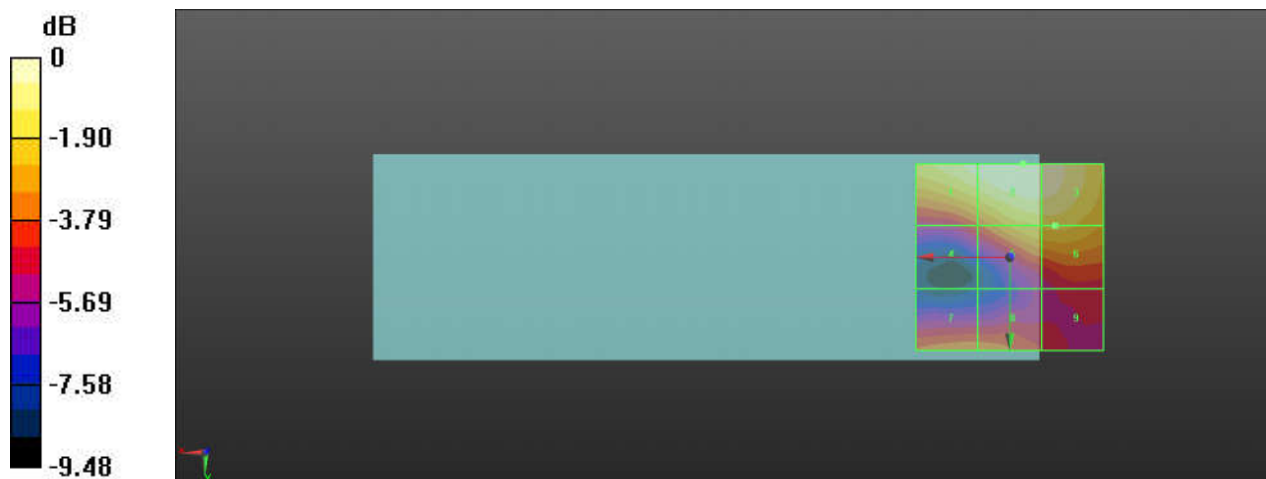
Grid 1 M4 28.16 dBV/m	Grid 2 M4 28.44 dBV/m	Grid 3 M4 28.29 dBV/m
Grid 4 M4 24.56 dBV/m	Grid 5 M4 26.7 dBV/m	Grid 6 M4 26.78 dBV/m
Grid 7 M4 25.28 dBV/m	Grid 8 M4 25.26 dBV/m	Grid 9 M4 24.04 dBV/m

Cursor:

Total = 28.44 dBV/m

E Category: M4

Location: -3.5, -25, 7.7 mm



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 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2023/3/23
- 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 = 9.448 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.27 dBV/m

Emission category: M4

MIF scaled E-field

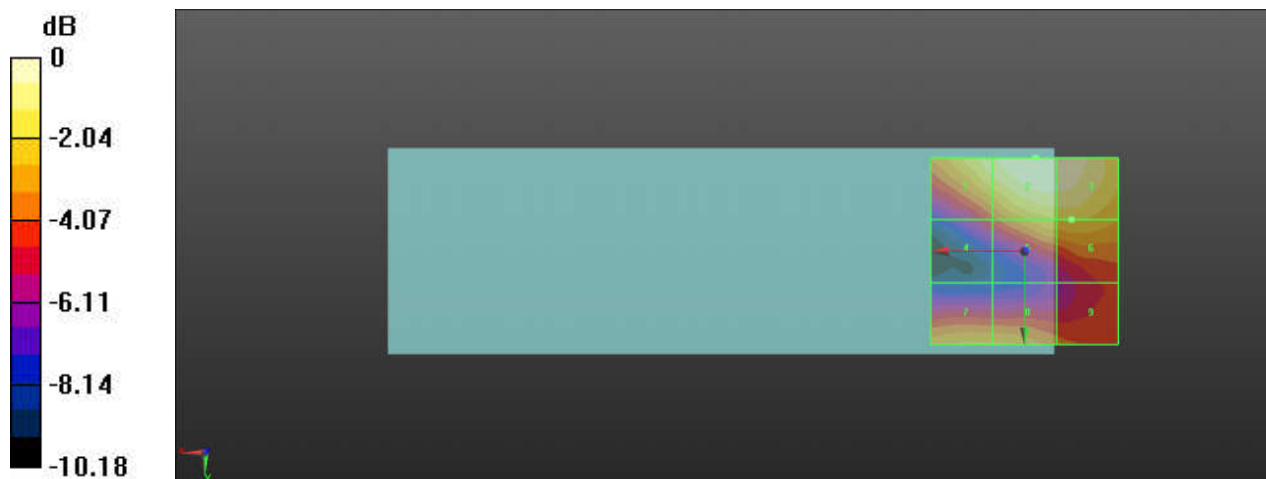
Grid 1 M4 27.48 dBV/m	Grid 2 M4 28.27 dBV/m	Grid 3 M4 28.14 dBV/m
Grid 4 M4 23.87 dBV/m	Grid 5 M4 26.25 dBV/m	Grid 6 M4 26.34 dBV/m
Grid 7 M4 25.75 dBV/m	Grid 8 M4 25.73 dBV/m	Grid 9 M4 24.55 dBV/m

Cursor:

Total = 28.27 dBV/m

E Category: M4

Location: -3, -25, 7.7 mm



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 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1210; Calibrated: 2023/3/23

- 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 = 10.68 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.82 dBV/m

Emission category: M4

MIF scaled E-field

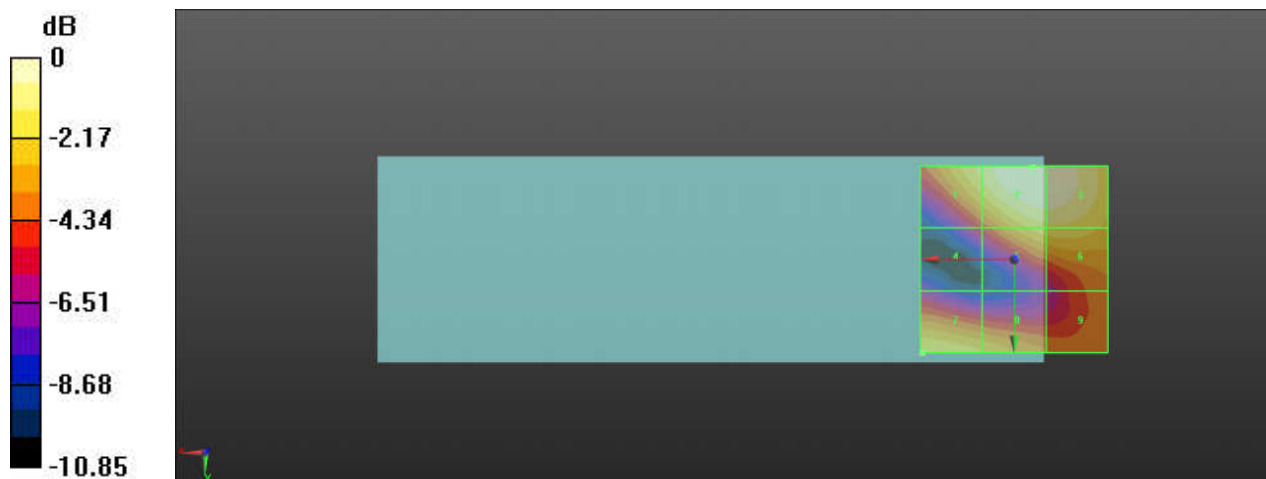
Grid 1 M4 27.71 dBV/m	Grid 2 M4 28.82 dBV/m	Grid 3 M4 28.75 dBV/m
Grid 4 M4 23.91 dBV/m	Grid 5 M4 27.13 dBV/m	Grid 6 M4 27.24 dBV/m
Grid 7 M4 27.48 dBV/m	Grid 8 M4 26.81 dBV/m	Grid 9 M4 25.35 dBV/m

Cursor:

Total = 28.82 dBV/m

E Category: M4

Location: -5, -24.5, 7.7 mm



07_HAC RF_WLAN 2.4G_802.11g 6Mbps_Ch1_E

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5777

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 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1210; Calibrated: 2023/3/23

- 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 = 12.54 V/m; Power Drift = -0.05 dB

Applied MIF = 0.12 dB

RF audio interference level = 22.34 dBV/m

Emission category: M4

MIF scaled E-field

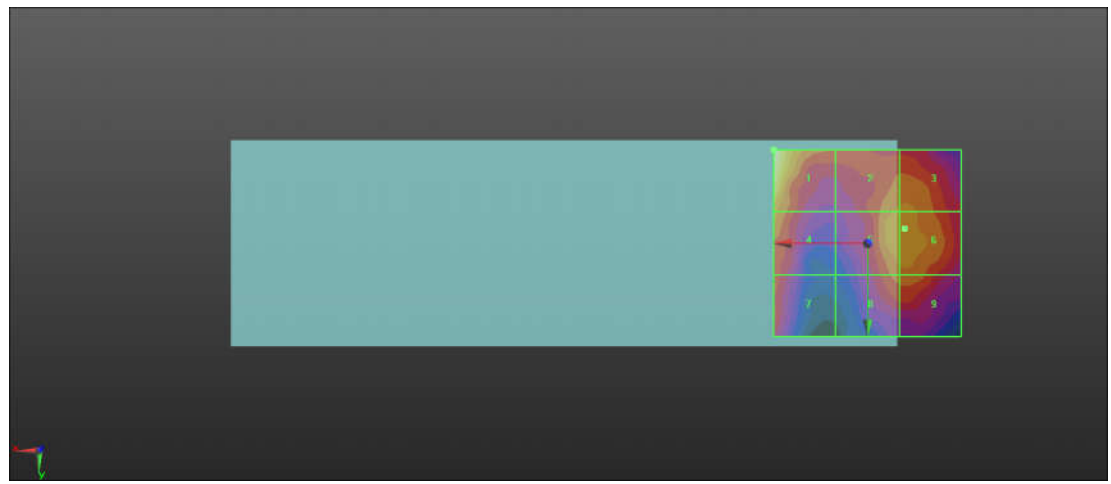
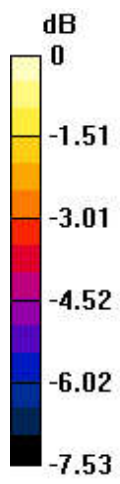
Grid 1 M4 22.34 dBV/m	Grid 2 M4 19.95 dBV/m	Grid 3 M4 19.97 dBV/m
Grid 4 M4 20.05 dBV/m	Grid 5 M4 20.15 dBV/m	Grid 6 M4 20.16 dBV/m
Grid 7 M4 19.15 dBV/m	Grid 8 M4 19.59 dBV/m	Grid 9 M4 19.65 dBV/m

Cursor:

Total = 22.34 dBV/m

E Category: M4

Location: 25, -25, 7.7 mm



0 dB = 13.10 V/m = 22.34 dBV/m

08_HAC RF_WLAN 2.4G_802.11g 6Mbps_Ch6_E

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777

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 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1210; Calibrated: 2023/3/23
- 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 = 13.11 V/m; Power Drift = -0.12 dB

Applied MIF = 0.12 dB

RF audio interference level = 22.56 dBV/m

Emission category: M4

MIF scaled E-field

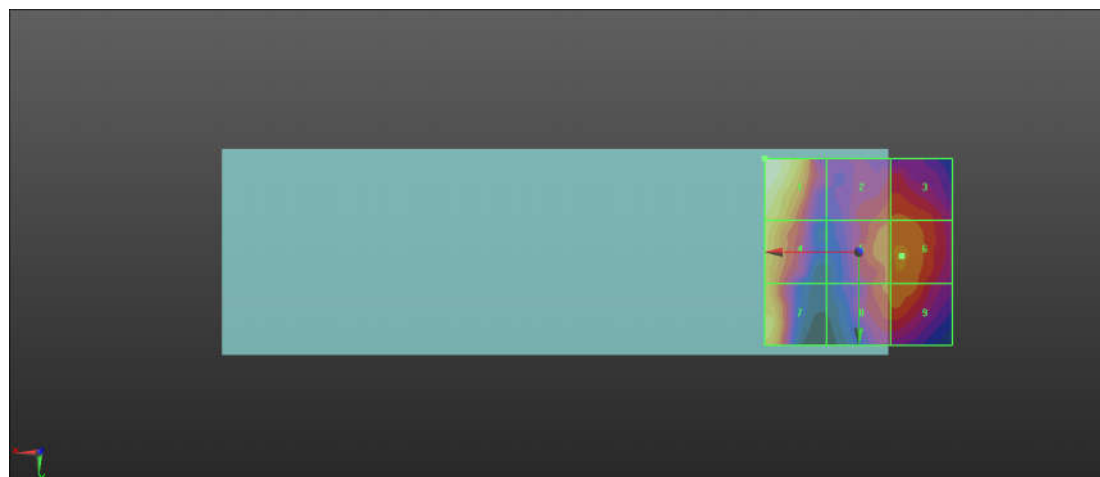
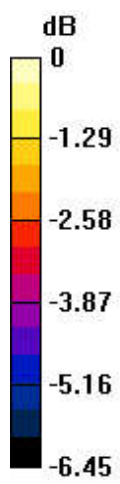
Grid 1 M4 22.56 dBV/m	Grid 2 M4 20.02 dBV/m	Grid 3 M4 20.1 dBV/m
Grid 4 M4 21.67 dBV/m	Grid 5 M4 20.39 dBV/m	Grid 6 M4 20.45 dBV/m
Grid 7 M4 21.43 dBV/m	Grid 8 M4 20.07 dBV/m	Grid 9 M4 20.21 dBV/m

Cursor:

Total = 22.56 dBV/m

E Category: M4

Location: 25, -25, 7.7 mm



0 dB = 13.42 V/m = 22.56 dBV/m

09_HAC RF_WLAN 2.4G_802.11g 6Mbps_Ch11_E

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5777

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 - SN4053; ConvF(1, 1, 1); Calibrated: 2022/7/27

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1210; Calibrated: 2023/3/23

- 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 = 12.53 V/m; Power Drift = -0.02 dB

Applied MIF = 0.12 dB

RF audio interference level = 22.32 dBV/m

Emission category: M4

MIF scaled E-field

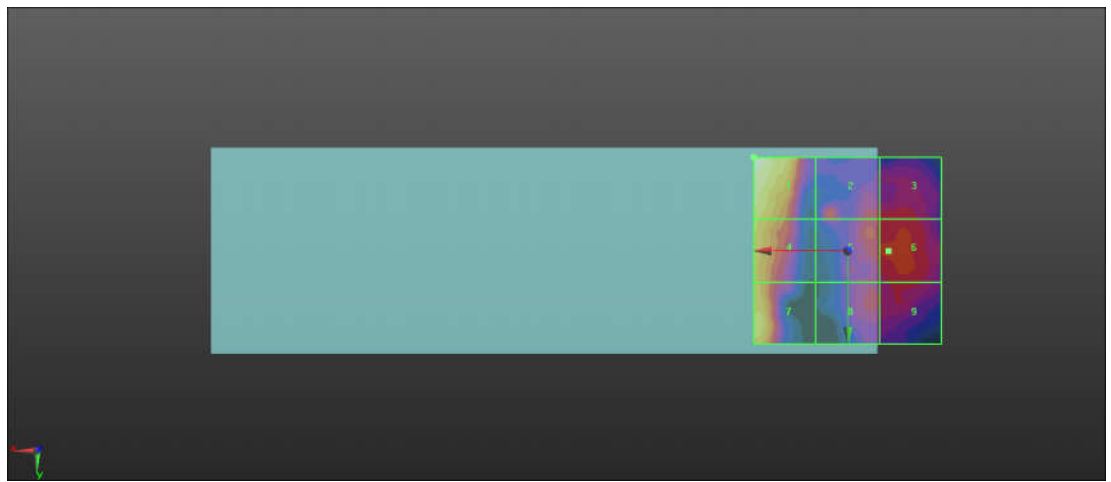
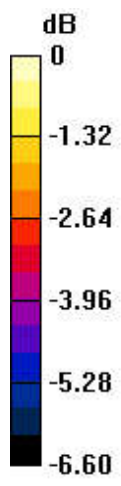
Grid 1 M4 22.32 dBV/m	Grid 2 M4 19.4 dBV/m	Grid 3 M4 19.14 dBV/m
Grid 4 M4 21.29 dBV/m	Grid 5 M4 19.38 dBV/m	Grid 6 M4 19.42 dBV/m
Grid 7 M4 21.24 dBV/m	Grid 8 M4 18.98 dBV/m	Grid 9 M4 18.99 dBV/m

Cursor:

Total = 22.32 dBV/m

E Category: M4

Location: 25, -25, 7.7 mm



0 dB = 13.06 V/m = 22.32 dBV/m