

#01_HAC_E_GSM850_Voice_Ch128

Communication System: 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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 68.02 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.45 dBV/m

Emission category: M4

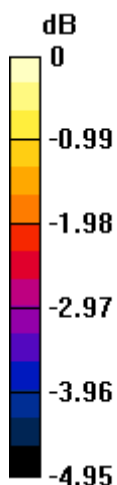
MIF scaled E-field

Grid 1 M4 36.86 dBV/m	Grid 2 M4 37.45 dBV/m	Grid 3 M4 37.18 dBV/m
Grid 4 M4 36.26 dBV/m	Grid 5 M4 37.38 dBV/m	Grid 6 M4 37.25 dBV/m
Grid 7 M4 35.77 dBV/m	Grid 8 M4 36.94 dBV/m	Grid 9 M4 36.83 dBV/m

Total = 37.45 dBV/m

E Category: M4

Location: -1.5, -23, 8.7 mm



0 dB = 74.59 V/m = 37.45 dBV/m

#02_HAC_E_GSM850_Voice_Ch189

Communication System: 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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 64.11 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.77 dBV/m

Emission category: M4

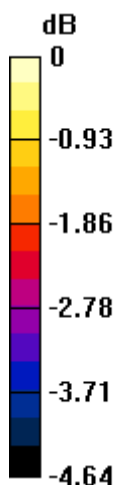
MIF scaled E-field

Grid 1 M4 35.95 dBV/m	Grid 2 M4 36.71 dBV/m	Grid 3 M4 36.58 dBV/m
Grid 4 M4 35.34 dBV/m	Grid 5 M4 36.77 dBV/m	Grid 6 M4 36.71 dBV/m
Grid 7 M4 35.02 dBV/m	Grid 8 M4 36.36 dBV/m	Grid 9 M4 36.31 dBV/m

Total = 36.77 dBV/m

E Category: M4

Location: -5.5, -1, 8.7 mm



0 dB = 68.94 V/m = 36.77 dBV/m

#03_HAC_E_GSM850_Voice_Ch251

Communication System: 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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 72.39 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.49 dBV/m

Emission category: M4

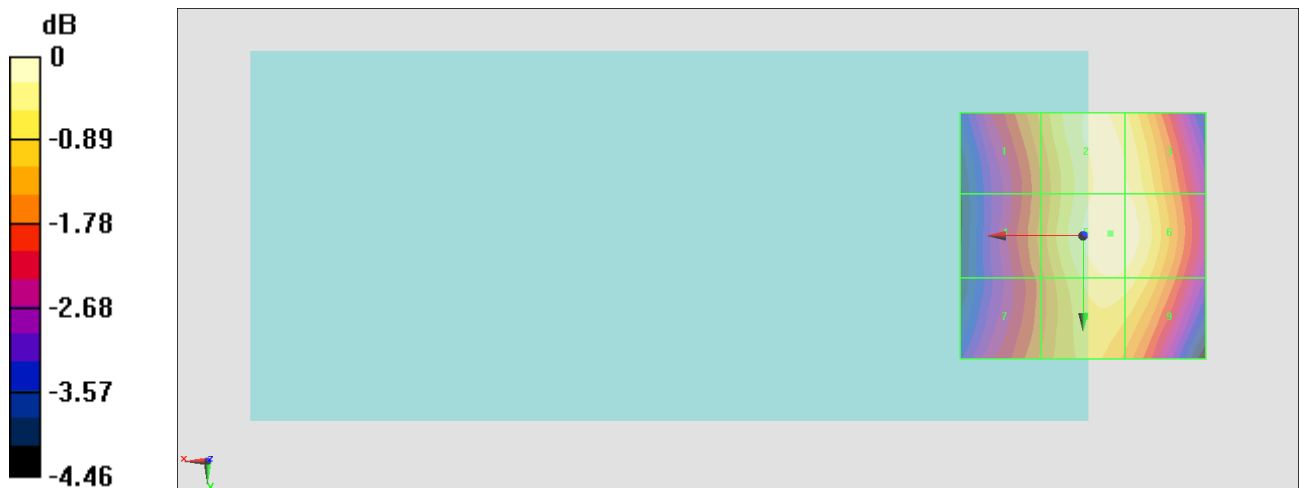
MIF scaled E-field

Grid 1 M4 36.41 dBV/m	Grid 2 M4 37.33 dBV/m	Grid 3 M4 37.26 dBV/m
Grid 4 M4 36.14 dBV/m	Grid 5 M4 37.49 dBV/m	Grid 6 M4 37.43 dBV/m
Grid 7 M4 36.08 dBV/m	Grid 8 M4 37.18 dBV/m	Grid 9 M4 37.11 dBV/m

Total = 37.49 dBV/m

E Category: M4

Location: -5.5, -0.5, 8.7 mm



0 dB = 74.94 V/m = 37.49 dBV/m

#04_HAC_E_GSM1900_Voice_Ch512

Communication System: 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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 12.69 V/m; Power Drift = -0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.13 dBV/m

Emission category: M4

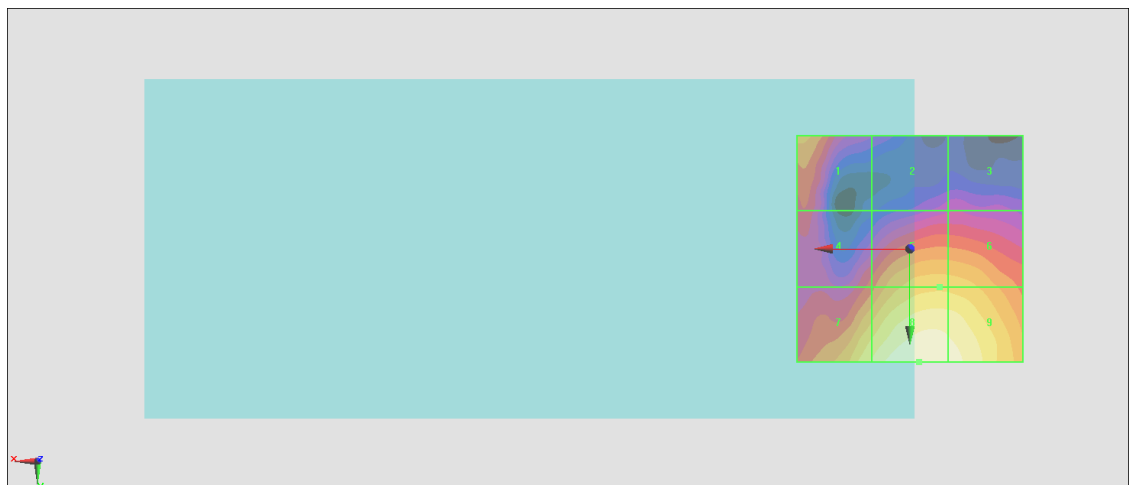
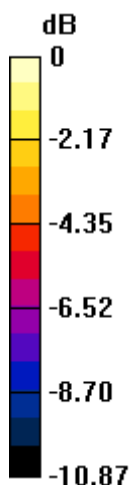
MIF scaled E-field

Grid 1 M4 23.8 dBV/m	Grid 2 M4 20.53 dBV/m	Grid 3 M4 20.64 dBV/m
Grid 4 M4 22.53 dBV/m	Grid 5 M4 24.81 dBV/m	Grid 6 M4 24.77 dBV/m
Grid 7 M4 25.82 dBV/m	Grid 8 M4 27.13 dBV/m	Grid 9 M4 26.8 dBV/m

Total = 27.13 dBV/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 22.73 V/m = 27.13 dBV/m

#05_HAC_E_GSM1900_Voice_Ch661

Communication System: 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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 9.231 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.75 dBV/m

Emission category: M4

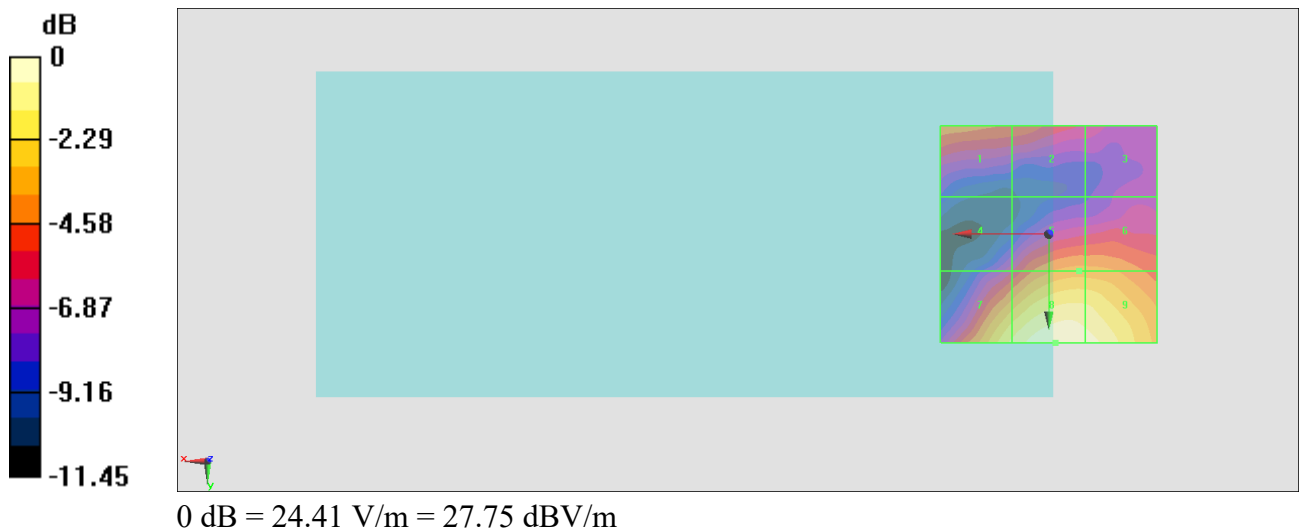
MIF scaled E-field

Grid 1 M4 23.7 dBV/m	Grid 2 M4 23.09 dBV/m	Grid 3 M4 21.49 dBV/m
Grid 4 M4 21.61 dBV/m	Grid 5 M4 24.31 dBV/m	Grid 6 M4 24.28 dBV/m
Grid 7 M4 26.44 dBV/m	Grid 8 M4 27.75 dBV/m	Grid 9 M4 27.4 dBV/m

Total = 27.75 dBV/m

E Category: M4

Location: -1.5, 25, 8.7 mm



#06_HAC_E_GSM1900_Voice_Ch810

Communication System: 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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 11.59 V/m; Power Drift = 0.10 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.16 dBV/m

Emission category: M4

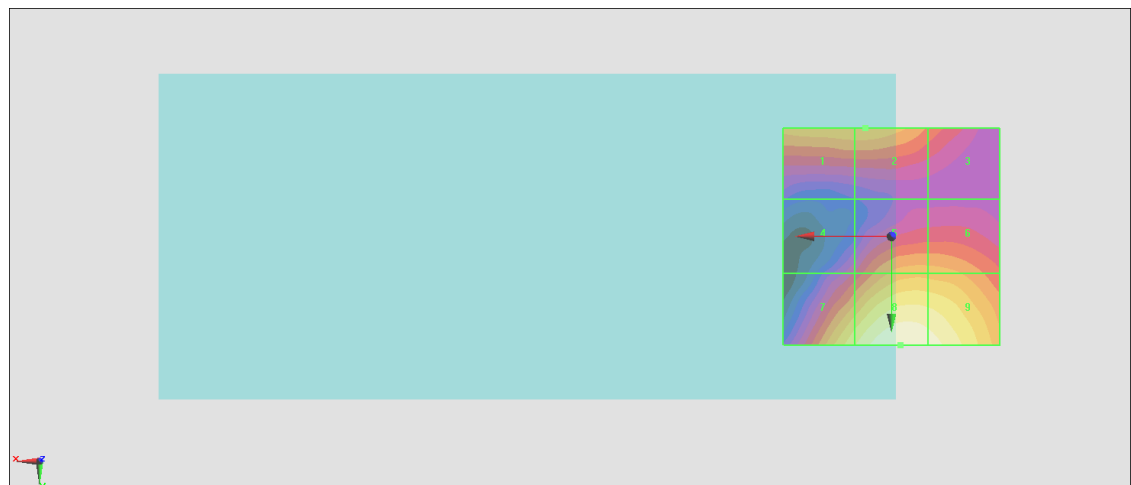
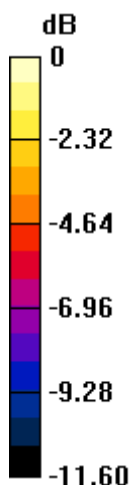
MIF scaled E-field

Grid 1 M4 25.99 dBV/m	Grid 2 M4 26.1 dBV/m	Grid 3 M4 24.42 dBV/m
Grid 4 M4 23.16 dBV/m	Grid 5 M4 25.82 dBV/m	Grid 6 M4 25.77 dBV/m
Grid 7 M4 27.57 dBV/m	Grid 8 M4 29.16 dBV/m	Grid 9 M4 28.81 dBV/m

Total = 29.16 dBV/m

E Category: M4

Location: -2, 25, 8.7 mm



0 dB = 28.71 V/m = 29.16 dBV/m

#07_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch1;Ant 1

Communication System: 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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2021/4/8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 35.79 V/m; Power Drift = -0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 28.54 dBV/m

Emission category: M4

MIF scaled E-field

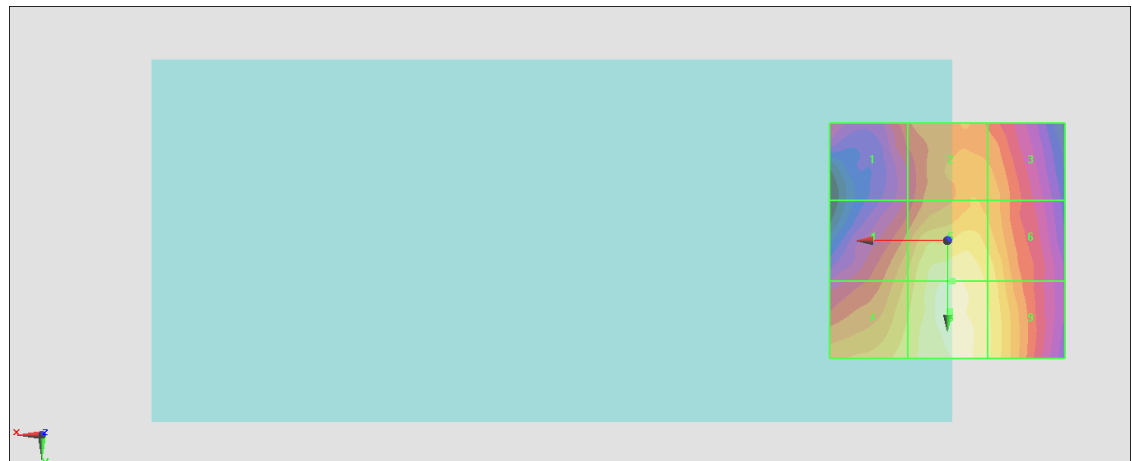
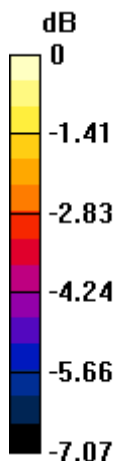
Grid 1 M4 25.62 dBV/m	Grid 2 M4 26.67 dBV/m	Grid 3 M4 26.57 dBV/m
Grid 4 M4 26.77 dBV/m	Grid 5 M4 28.18 dBV/m	Grid 6 M4 27.5 dBV/m
Grid 7 M4 27.42 dBV/m	Grid 8 M4 28.54 dBV/m	Grid 9 M4 27.73 dBV/m

Cursor:

Total = 28.54 dBV/m

E Category: M4

Location: -0.5, 15, 8.7 mm



0 dB = 26.72 V/m = 28.54 dBV/m

#08_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch6;Ant 1

Communication System: 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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2021/4/8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 46.40 V/m; Power Drift = -0.34 dB

Applied MIF = 0.12 dB

RF audio interference level = 30.75 dBV/m

Emission category: M3

MIF scaled E-field

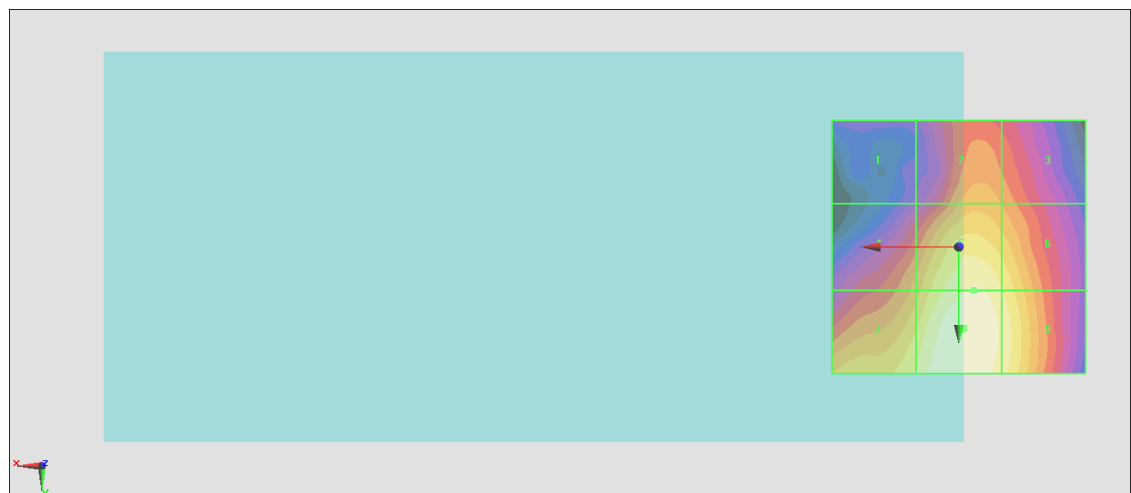
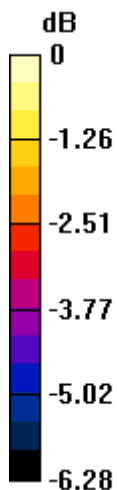
Grid 1 M4 26.77 dBV/m	Grid 2 M4 28.98 dBV/m	Grid 3 M4 28.63 dBV/m
Grid 4 M4 28.87 dBV/m	Grid 5 M3 30.39 dBV/m	Grid 6 M4 29.94 dBV/m
Grid 7 M4 29.98 dBV/m	Grid 8 M3 30.75 dBV/m	Grid 9 M3 30.25 dBV/m

Cursor:

Total = 30.75 dBV/m

E Category: M3

Location: -1, 16, 8.7 mm



0 dB = 34.47 V/m = 30.75 dBV/m

#09_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch11;Ant 1

Communication System: 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 : 23.5 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2021/4/8
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

E Scan - ER3D: 15 mm from Probe Center to the Device/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 = 36.81 V/m; Power Drift = 0.02 dB

Applied MIF = 0.12 dB

RF audio interference level = 28.72 dBV/m

Emission category: M4

MIF scaled E-field

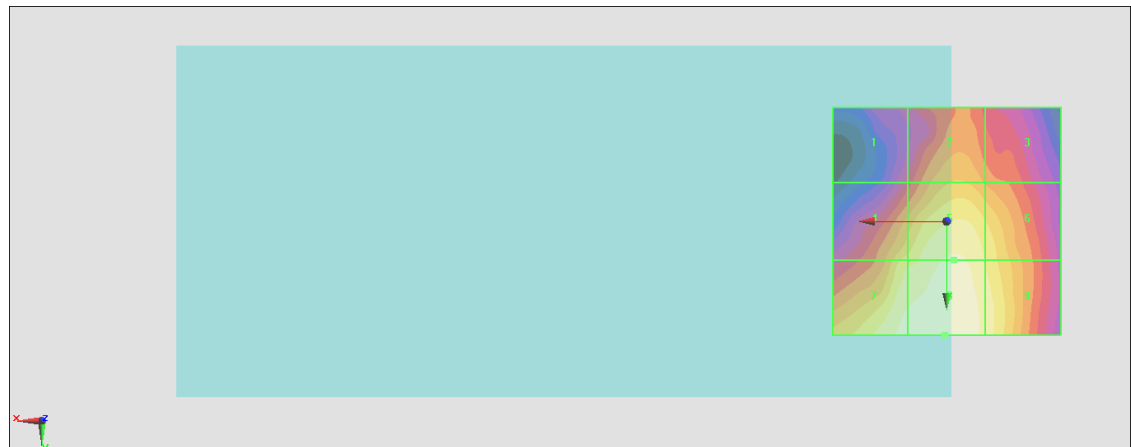
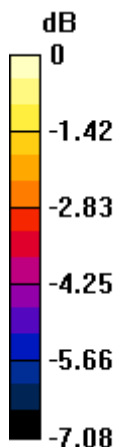
Grid 1 M4 25.19 dBV/m	Grid 2 M4 26.9 dBV/m	Grid 3 M4 26.3 dBV/m
Grid 4 M4 27.57 dBV/m	Grid 5 M4 28.32 dBV/m	Grid 6 M4 27.74 dBV/m
Grid 7 M4 28.42 dBV/m	Grid 8 M4 28.72 dBV/m	Grid 9 M4 28.1 dBV/m

Cursor:

Total = 28.72 dBV/m

E Category: M4

Location: 0.5, 25, 8.7 mm



0 dB = 27.30 V/m = 28.72 dBV/m