

#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 - EF3D: 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 = 70.65 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.77 dBV/m

Emission category: M4

MIF scaled E-field

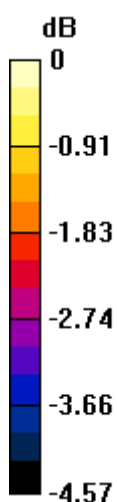
Grid 1 M4 36.68 dBV/m	Grid 2 M4 37.77 dBV/m	Grid 3 M4 37.5 dBV/m
Grid 4 M4 36.8 dBV/m	Grid 5 M4 37.7 dBV/m	Grid 6 M4 37.46 dBV/m
Grid 7 M4 36.83 dBV/m	Grid 8 M4 37.46 dBV/m	Grid 9 M4 37.13 dBV/m

Cursor:

Total = 37.77 dBV/m

E Category: M4

Location: -4, -15, 8.7 mm



0 dB = 77.36 V/m = 37.77 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 - EF3D: 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 = 67.03 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.50 dBV/m

Emission category: M4

MIF scaled E-field

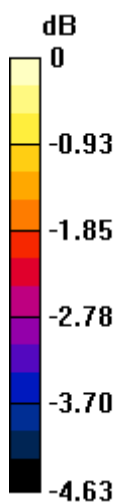
Grid 1 M4 36.41 dBV/m	Grid 2 M4 37.5 dBV/m	Grid 3 M4 37.24 dBV/m
Grid 4 M4 36.42 dBV/m	Grid 5 M4 37.36 dBV/m	Grid 6 M4 37.14 dBV/m
Grid 7 M4 36.42 dBV/m	Grid 8 M4 37.03 dBV/m	Grid 9 M4 36.7 dBV/m

Cursor:

Total = 37.50 dBV/m

E Category: M4

Location: -4, -19.5, 8.7 mm



0 dB = 75.00 V/m = 37.50 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 - EF3D: 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 = 63.74 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.22 dBV/m

Emission category: M4

MIF scaled E-field

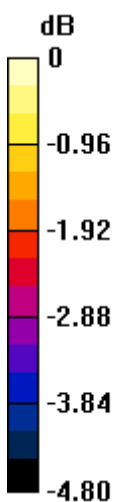
Grid 1 M4 35.83 dBV/m	Grid 2 M4 37.22 dBV/m	Grid 3 M4 37.03 dBV/m
Grid 4 M4 35.75 dBV/m	Grid 5 M4 37.01 dBV/m	Grid 6 M4 36.88 dBV/m
Grid 7 M4 35.56 dBV/m	Grid 8 M4 36.51 dBV/m	Grid 9 M4 36.26 dBV/m

Cursor:

Total = 37.22 dBV/m

E Category: M4

Location: -4.5, -19.5, 8.7 mm



0 dB = 72.65 V/m = 37.22 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 - EF3D: 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 = 14.46 V/m; Power Drift = 0.12 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.51 dBV/m

Emission category: M4

MIF scaled E-field

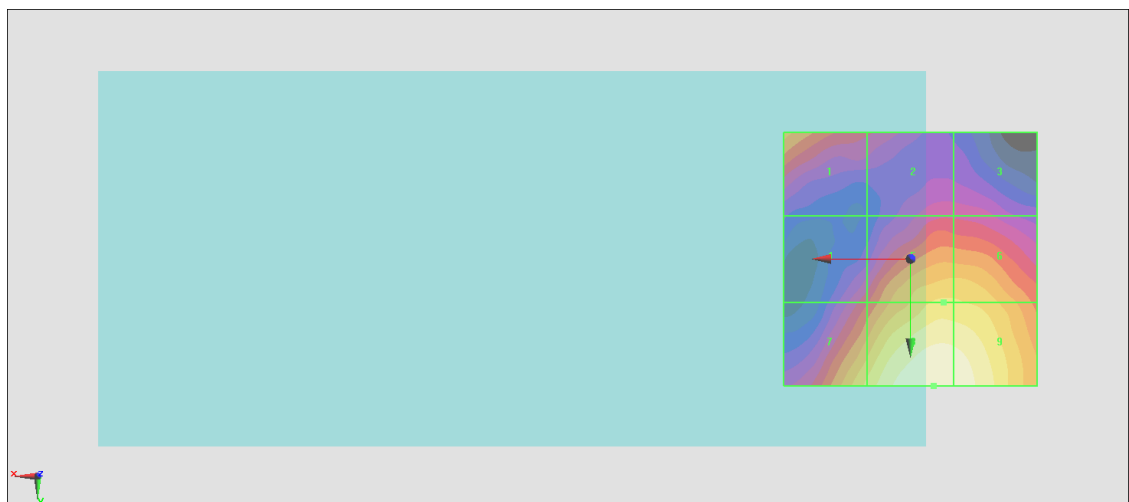
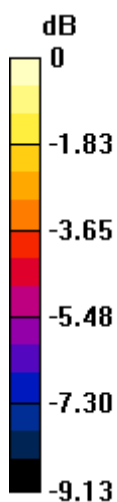
Grid 1 M4 25.78 dBV/m	Grid 2 M4 23.78 dBV/m	Grid 3 M4 23.55 dBV/m
Grid 4 M4 24.22 dBV/m	Grid 5 M4 26.83 dBV/m	Grid 6 M4 26.77 dBV/m
Grid 7 M4 26.91 dBV/m	Grid 8 M4 28.51 dBV/m	Grid 9 M4 28.32 dBV/m

Cursor:

Total = 28.51 dBV/m

E Category: M4

Location: -4.5, 25, 8.7 mm



0 dB = 26.64 V/m = 28.51 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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

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 - EF3D: 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 = 13.68 V/m; Power Drift = 0.06 dB

Applied MIF = 3.63 dB

RF audio interference level = 28.77 dBV/m

Emission category: M4

MIF scaled E-field

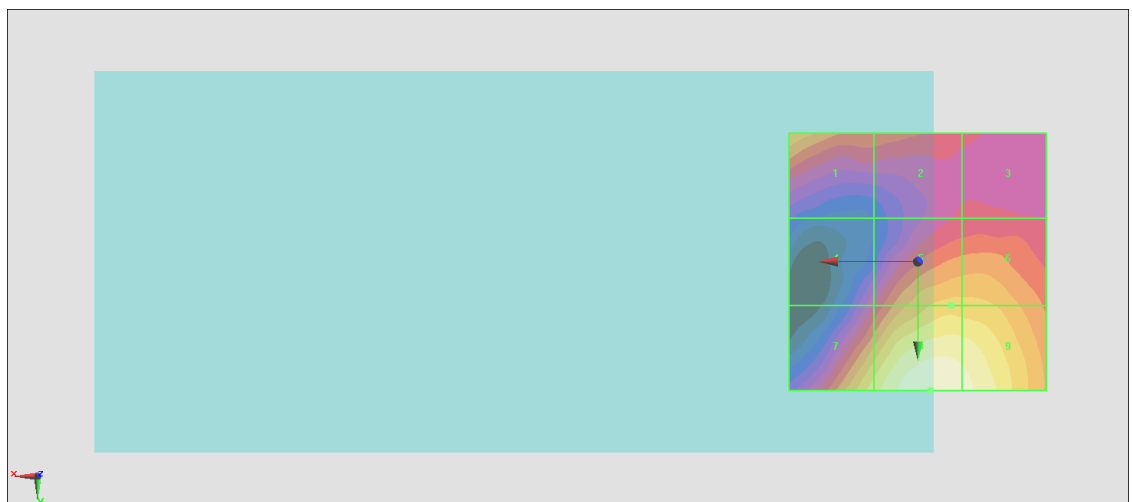
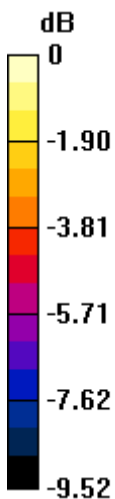
Grid 1 M4 26.24 dBV/m	Grid 2 M4 24.78 dBV/m	Grid 3 M4 24.06 dBV/m
Grid 4 M4 23.72 dBV/m	Grid 5 M4 26.53 dBV/m	Grid 6 M4 26.5 dBV/m
Grid 7 M4 27.27 dBV/m	Grid 8 M4 28.77 dBV/m	Grid 9 M4 28.4 dBV/m

Cursor:

Total = 28.77 dBV/m

E Category: M4

Location: -2.5, 25, 8.7 mm



0 dB = 27.45 V/m = 28.77 dBV/m

#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 - EF3D: 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 = 15.73 V/m; Power Drift = -0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.73 dBV/m

Emission category: M4

MIF scaled E-field

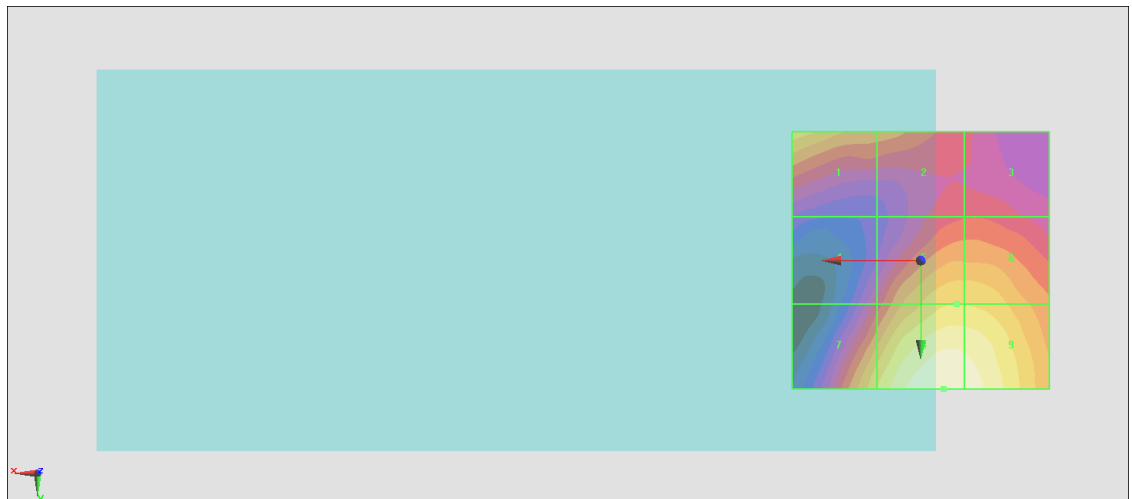
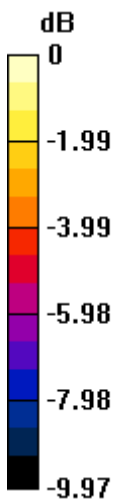
Grid 1 M4 27.52 dBV/m	Grid 2 M4 26.12 dBV/m	Grid 3 M4 25.06 dBV/m
Grid 4 M4 24.73 dBV/m	Grid 5 M4 27.78 dBV/m	Grid 6 M4 27.75 dBV/m
Grid 7 M4 27.77 dBV/m	Grid 8 M4 29.73 dBV/m	Grid 9 M4 29.51 dBV/m

Cursor:

Total = 29.73 dBV/m

E Category: M4

Location: -4.5, 25, 8.7 mm



0 dB = 30.65 V/m = 29.73 dBV/m

#07_HAC_E_WLAN2.4GHz_802.11g_6Mbps_Ch1

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 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 - EF3D: 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 = 29.73 V/m; Power Drift = -0.02 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.58 dBV/m

Emission category: M4

MIF scaled E-field

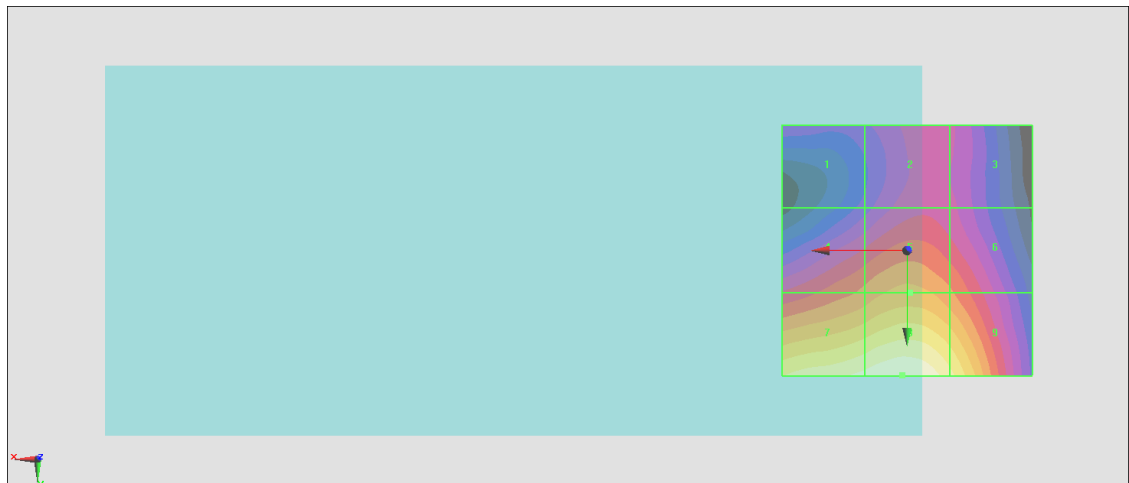
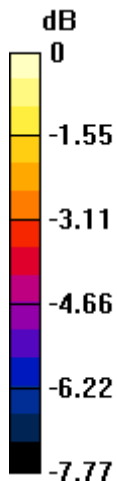
Grid 1 M4 24.45 dBV/m	Grid 2 M4 25.35 dBV/m	Grid 3 M4 25.11 dBV/m
Grid 4 M4 26.65 dBV/m	Grid 5 M4 27.17 dBV/m	Grid 6 M4 26.61 dBV/m
Grid 7 M4 29.23 dBV/m	Grid 8 M4 29.58 dBV/m	Grid 9 M4 28.75 dBV/m

Cursor:

Total = 29.58 dBV/m

E Category: M4

Location: 1, 25, 8.7 mm



0 dB = 30.13 V/m = 29.58 dBV/m

#08_HAC_E_WLAN2.4GHz_802.11g_6Mbps_Ch6

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 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 - EF3D: 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 = 36.98 V/m; Power Drift = -0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 31.94 dBV/m

Emission category: M3

MIF scaled E-field

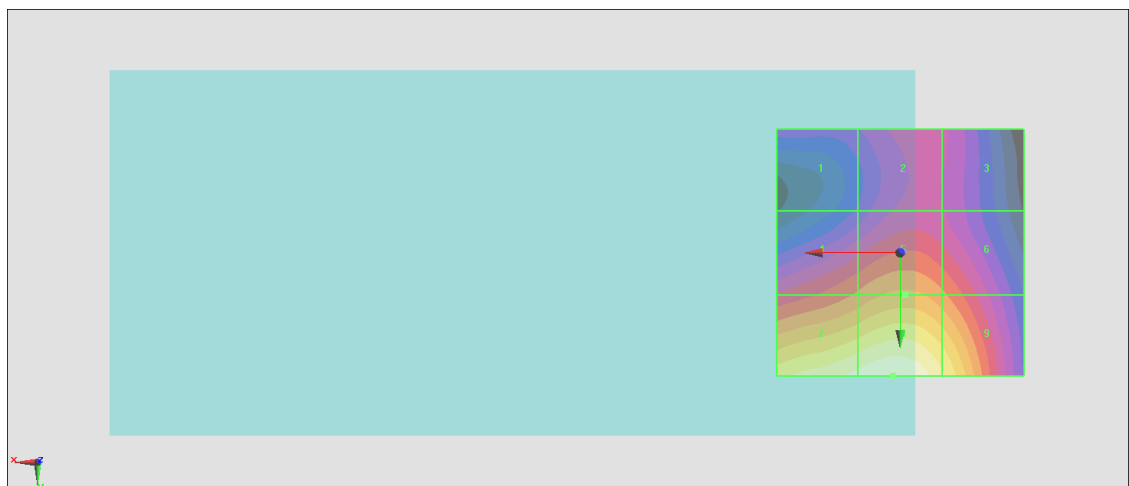
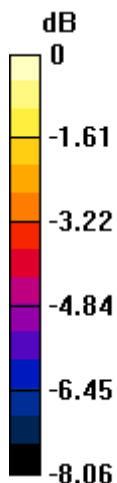
Grid 1 M4 26.56 dBV/m	Grid 2 M4 27.4 dBV/m	Grid 3 M4 27.23 dBV/m
Grid 4 M4 28.83 dBV/m	Grid 5 M4 29.39 dBV/m	Grid 6 M4 28.87 dBV/m
Grid 7 M3 31.61 dBV/m	Grid 8 M3 31.94 dBV/m	Grid 9 M3 31 dBV/m

Cursor:

Total = 31.94 dBV/m

E Category: M3

Location: 1.5, 25, 8.7 mm



0 dB = 39.53 V/m = 31.94 dBV/m

#09_HAC_E_WLAN2.4GHz_802.11g_6Mbps_Ch11

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 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 - EF3D: 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 = 28.82 V/m; Power Drift = -0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 29.95 dBV/m

Emission category: M4

MIF scaled E-field

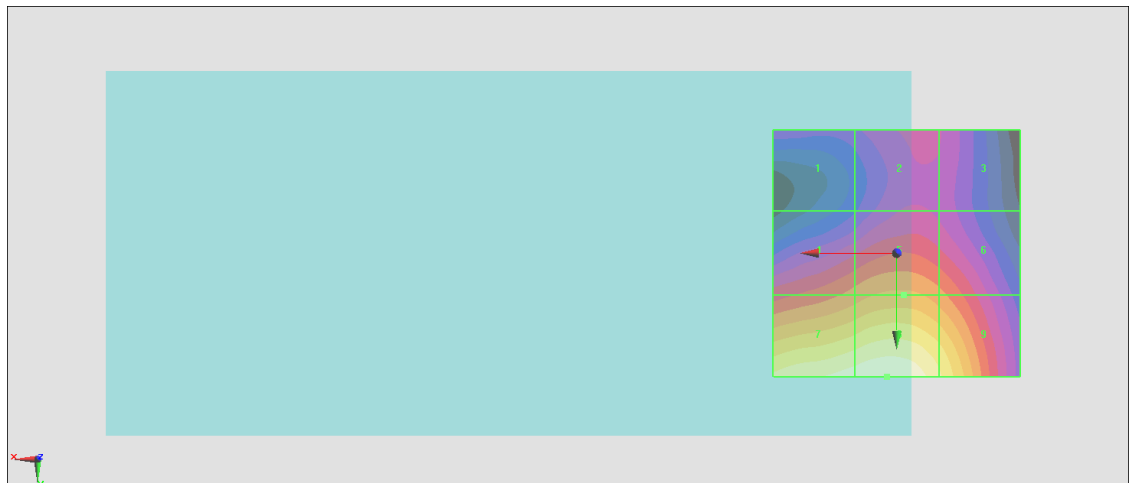
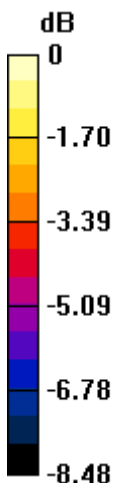
Grid 1 M4 24.32 dBV/m	Grid 2 M4 25.06 dBV/m	Grid 3 M4 24.94 dBV/m
Grid 4 M4 26.83 dBV/m	Grid 5 M4 27.28 dBV/m	Grid 6 M4 26.81 dBV/m
Grid 7 M4 29.72 dBV/m	Grid 8 M4 29.95 dBV/m	Grid 9 M4 28.96 dBV/m

Cursor:

Total = 29.95 dBV/m

E Category: M4

Location: 2, 25, 8.7 mm



0 dB = 31.45 V/m = 29.95 dBV/m