

#01_HAC_E_GSM850_GSM Voice_Ch128

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 16.64 V/m; Power Drift = 0.15 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.08 dBV/m

Emission category: M4

MIF scaled E-field

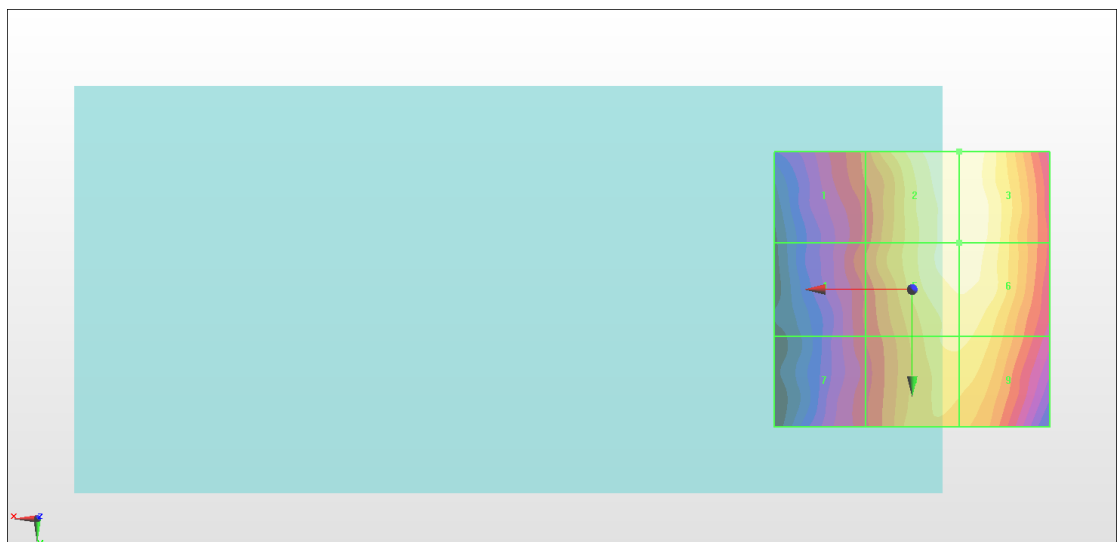
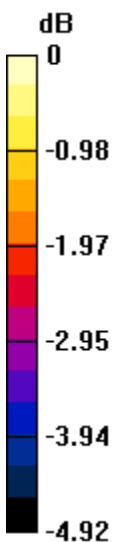
Grid 1 M4 25.26 dBV/m	Grid 2 M4 27.08 dBV/m	Grid 3 M4 27.08 dBV/m
Grid 4 M4 25.13 dBV/m	Grid 5 M4 26.94 dBV/m	Grid 6 M4 26.94 dBV/m
Grid 7 M4 24.8 dBV/m	Grid 8 M4 26.51 dBV/m	Grid 9 M4 26.51 dBV/m

Cursor:

Total = 27.08 dBV/m

E Category: M4

Location: -8.5, -25, 8.7 mm



0 dB = 22.60 V/m = 27.08 dBV/m

#02_HAC_E_GSM850_GSM Voice_Ch189

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 14.69 V/m; Power Drift = 0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.44 dBV/m

Emission category: M4

MIF scaled E-field

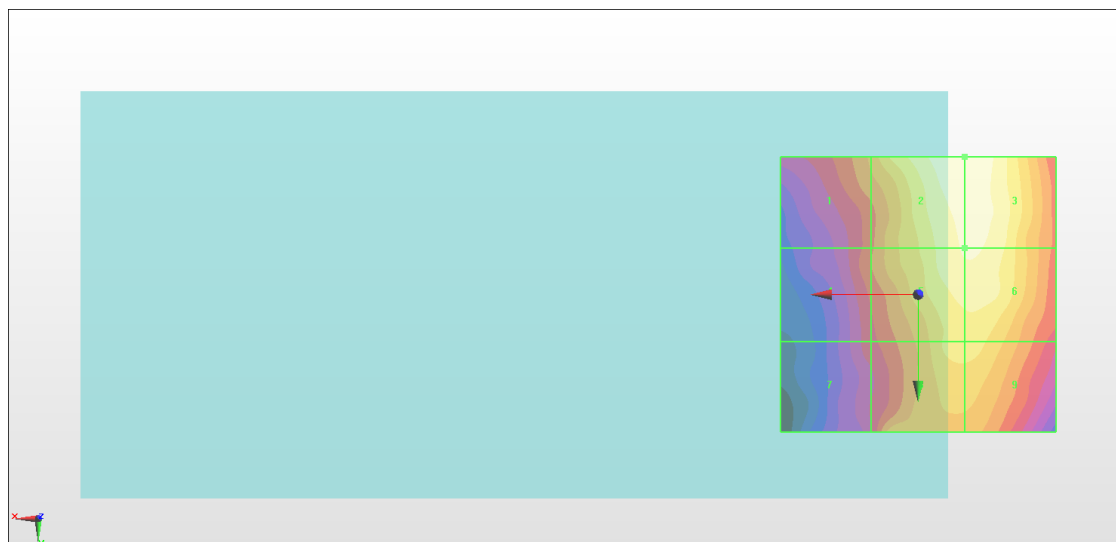
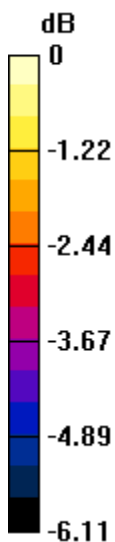
Grid 1 M4 24.54 dBV/m	Grid 2 M4 26.44 dBV/m	Grid 3 M4 26.44 dBV/m
Grid 4 M4 24.01 dBV/m	Grid 5 M4 26.07 dBV/m	Grid 6 M4 26.09 dBV/m
Grid 7 M4 23.48 dBV/m	Grid 8 M4 25.44 dBV/m	Grid 9 M4 25.44 dBV/m

Cursor:

Total = 26.44 dBV/m

E Category: M4

Location: -8.5, -25, 8.7 mm



0 dB = 20.99 V/m = 26.44 dBV/m

#03_HAC_E_GSM850_GSM Voice_Ch251

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 19.92 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 27.70 dBV/m

Emission category: M4

MIF scaled E-field

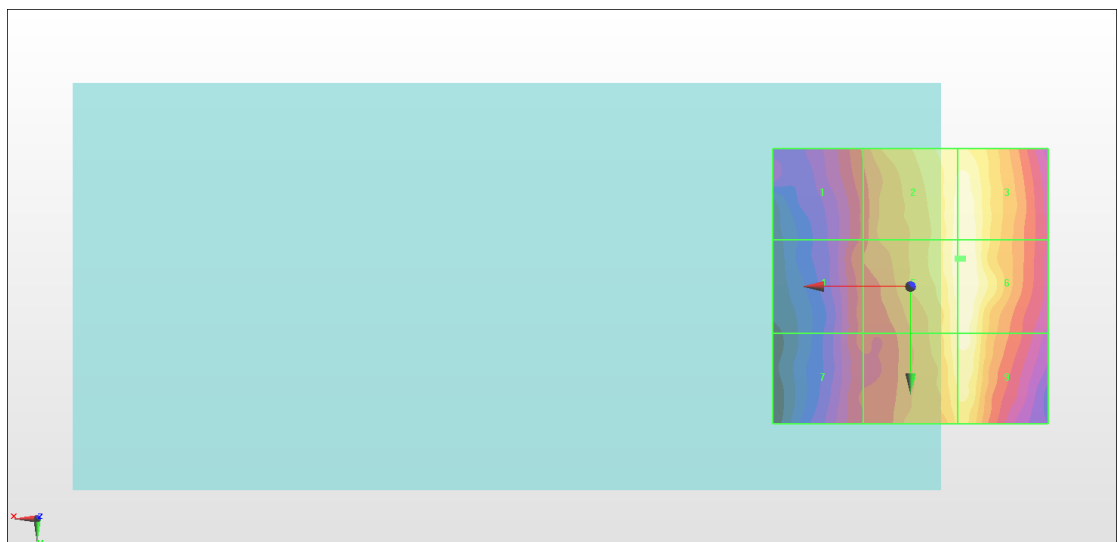
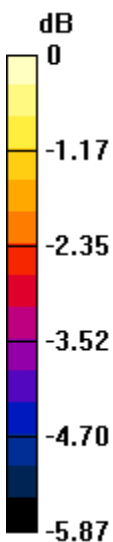
Grid 1 M4 25.46 dBV/m	Grid 2 M4 27.54 dBV/m	Grid 3 M4 27.65 dBV/m
Grid 4 M4 25.39 dBV/m	Grid 5 M4 27.6 dBV/m	Grid 6 M4 27.7 dBV/m
Grid 7 M4 25.11 dBV/m	Grid 8 M4 27.34 dBV/m	Grid 9 M4 27.47 dBV/m

Cursor:

Total = 27.70 dBV/m

E Category: M4

Location: -9.5, -5, 8.7 mm



0 dB = 24.28 V/m = 27.70 dBV/m

#04_HAC_E_GSM1900_GSM Voice_Ch512

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 12.74 V/m; Power Drift = -0.15 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.22 dBV/m

Emission category: M4

MIF scaled E-field

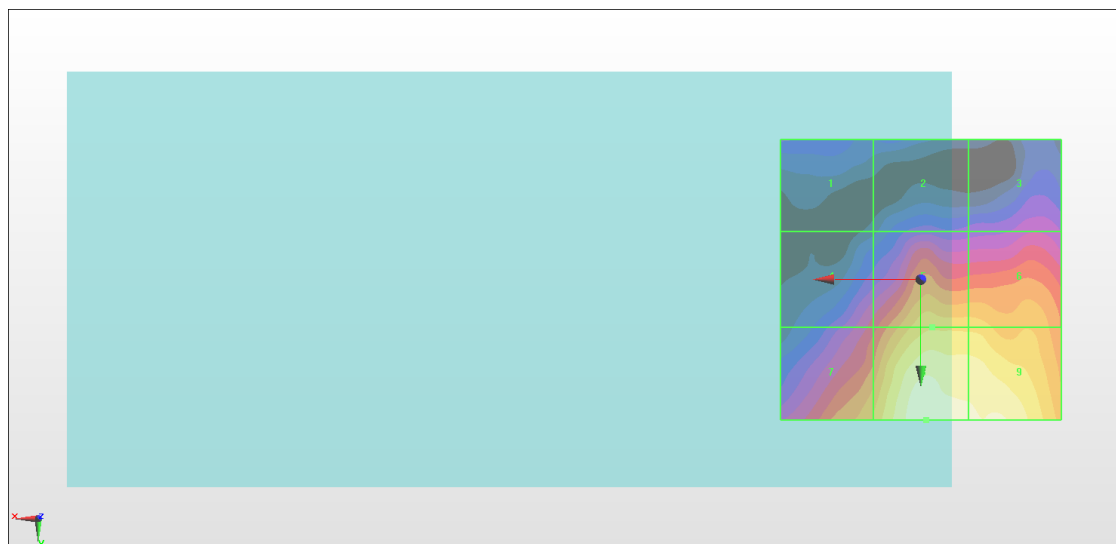
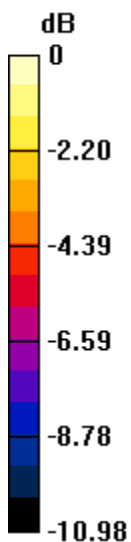
Grid 1 M4 21.37 dBV/m	Grid 2 M4 21.7 dBV/m	Grid 3 M4 22.62 dBV/m
Grid 4 M4 23.82 dBV/m	Grid 5 M4 26.93 dBV/m	Grid 6 M4 26.82 dBV/m
Grid 7 M4 26.37 dBV/m	Grid 8 M4 29.22 dBV/m	Grid 9 M4 28.63 dBV/m

Cursor:

Total = 29.22 dBV/m

E Category: M4

Location: -1, 25, 8.7 mm



0 dB = 28.92 V/m = 29.22 dBV/m

#05_HAC_E_GSM1900_GSM Voice_Ch661

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.82 dBV/m

Emission category: M4

MIF scaled E-field

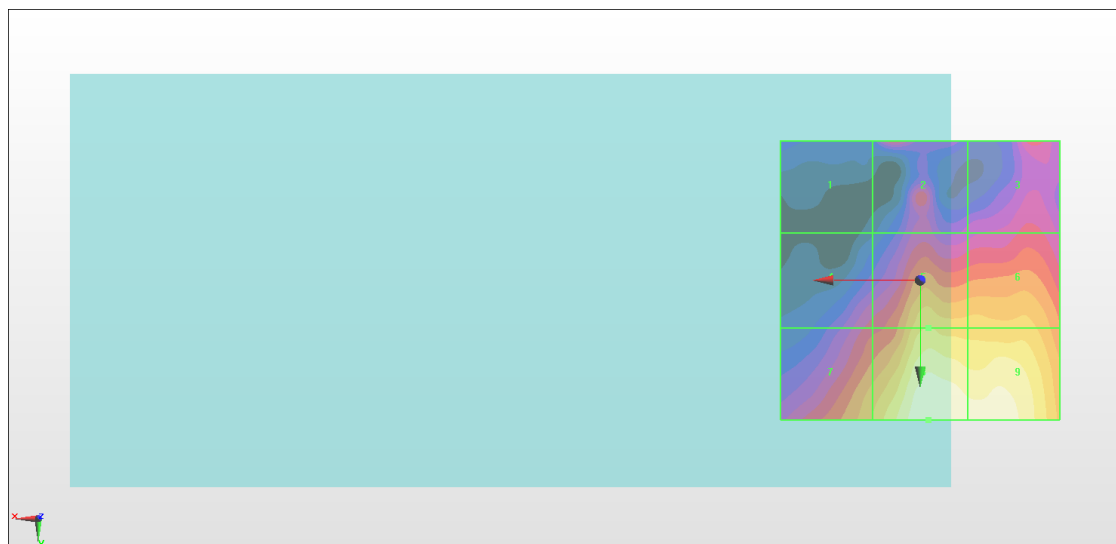
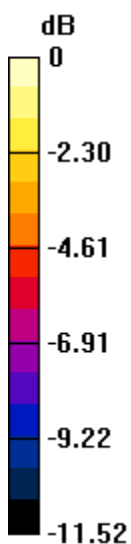
Grid 1 M4 21.21 dBV/m	Grid 2 M4 24.55 dBV/m	Grid 3 M4 24.12 dBV/m
Grid 4 M4 24.14 dBV/m	Grid 5 M4 27.55 dBV/m	Grid 6 M4 27.13 dBV/m
Grid 7 M4 26.82 dBV/m	Grid 8 M4 29.82 dBV/m	Grid 9 M4 29.56 dBV/m

Cursor:

Total = 29.82 dBV/m

E Category: M4

Location: -1.5, 25, 8.7 mm



0 dB = 30.97 V/m = 29.82 dBV/m

#06_HAC_E_GSM1900_GSM Voice_Ch810

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 12.30 V/m; Power Drift = -0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.06 dBV/m

Emission category: M4

MIF scaled E-field

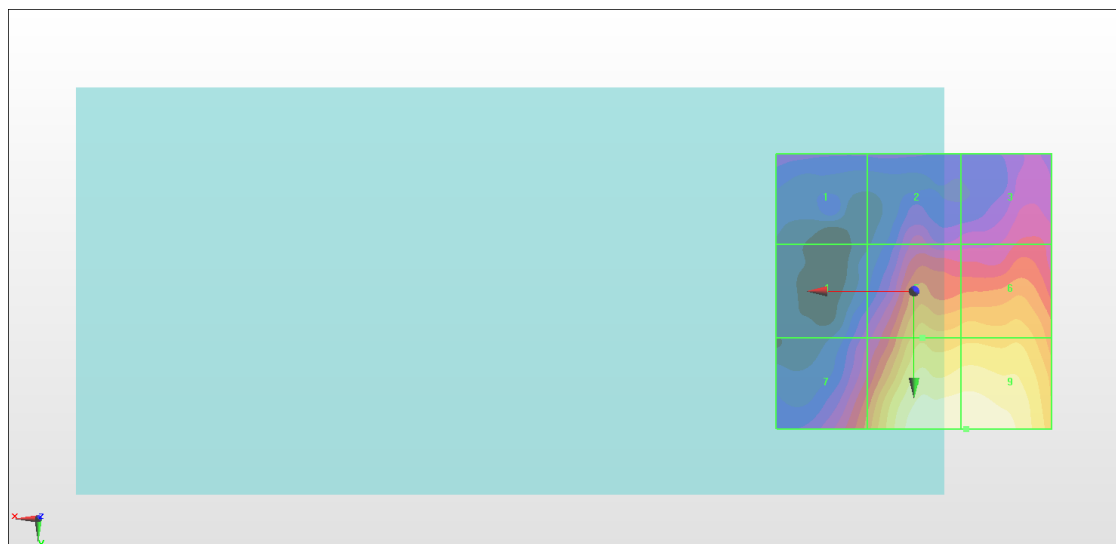
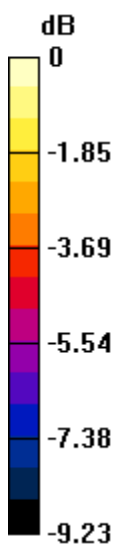
Grid 1 M4 22.91 dBV/m	Grid 2 M4 23.84 dBV/m	Grid 3 M4 24.36 dBV/m
Grid 4 M4 23.32 dBV/m	Grid 5 M4 27.04 dBV/m	Grid 6 M4 27.1 dBV/m
Grid 7 M4 25.64 dBV/m	Grid 8 M4 29.04 dBV/m	Grid 9 M4 29.06 dBV/m

Cursor:

Total = 29.06 dBV/m

E Category: M4

Location: -9.5, 25, 8.7 mm



0 dB = 28.39 V/m = 29.06 dBV/m

#07_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch1

Communication System: 802.11g ; Frequency: 2412 MHz;Duty Cycle: 1:12.5893

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); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 26.55 V/m; Power Drift = 0.08 dB

Applied MIF = 0.12 dB

RF audio interference level = 31.06 dBV/m

Emission category: M3

MIF scaled E-field

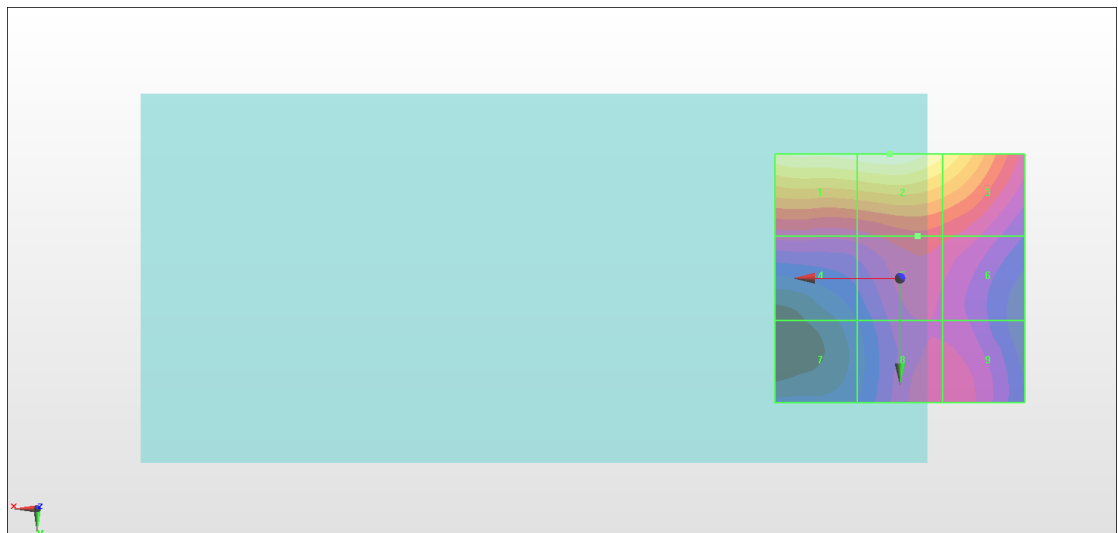
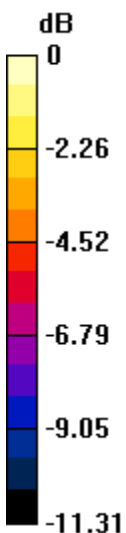
Grid 1 M3 30.77 dBV/m	Grid 2 M3 31.06 dBV/m	Grid 3 M4 29.73 dBV/m
Grid 4 M4 24.7 dBV/m	Grid 5 M4 25.6 dBV/m	Grid 6 M4 25.31 dBV/m
Grid 7 M4 22.07 dBV/m	Grid 8 M4 24.95 dBV/m	Grid 9 M4 24.94 dBV/m

Cursor:

Total = 31.06 dBV/m

E Category: M3

Location: 2, -25, 7.7 mm



0 dB = 35.71 V/m = 31.06 dBV/m

#08_HAC_E_WLAN2.4GHz_802.11g_6Mbps_Ch6

Communication System: 802.11g ; Frequency: 2437 MHz;Duty Cycle: 1:12.5893

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); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 26.64 V/m; Power Drift = -0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 30.95 dBV/m

Emission category: M3

MIF scaled E-field

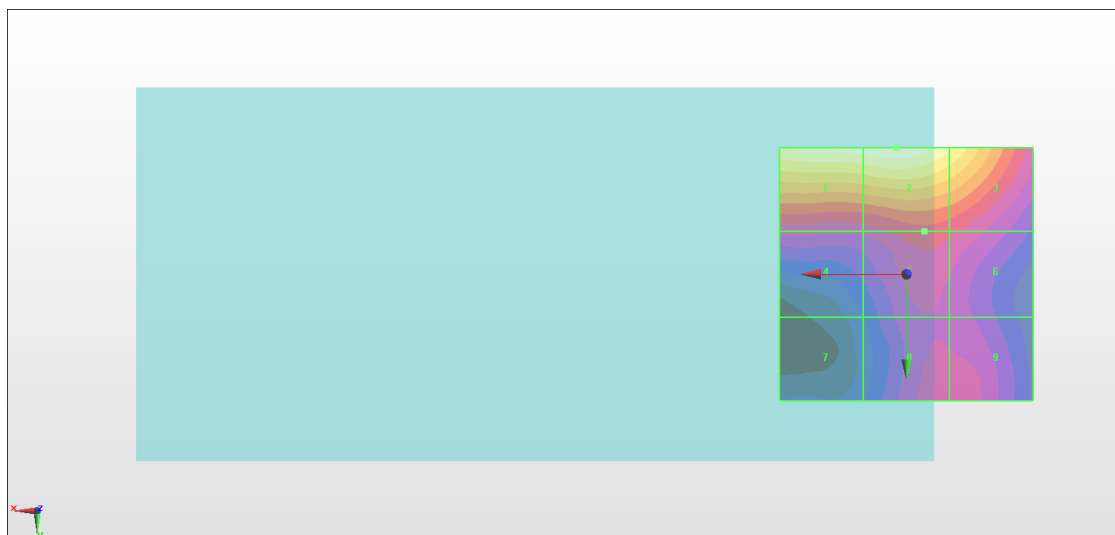
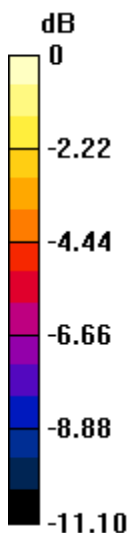
Grid 1 M3 30.67 dBV/m	Grid 2 M3 30.95 dBV/m	Grid 3 M4 29.64 dBV/m
Grid 4 M4 24.63 dBV/m	Grid 5 M4 25.55 dBV/m	Grid 6 M4 25.28 dBV/m
Grid 7 M4 22.08 dBV/m	Grid 8 M4 24.87 dBV/m	Grid 9 M4 24.86 dBV/m

Cursor:

Total = 30.95 dBV/m

E Category: M3

Location: 2, -25, 7.7 mm



0 dB = 35.28 V/m = 30.95 dBV/m

#09_HAC_E_WLAN2.4GHz_802.11g_6Mbps_Ch11

Communication System: 802.11g ; Frequency: 2462 MHz;Duty Cycle: 1:12.5893

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); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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 = 26.55 V/m; Power Drift = -0.03 dB

Applied MIF = 0.12 dB

RF audio interference level = 30.91 dBV/m

Emission category: M3

MIF scaled E-field

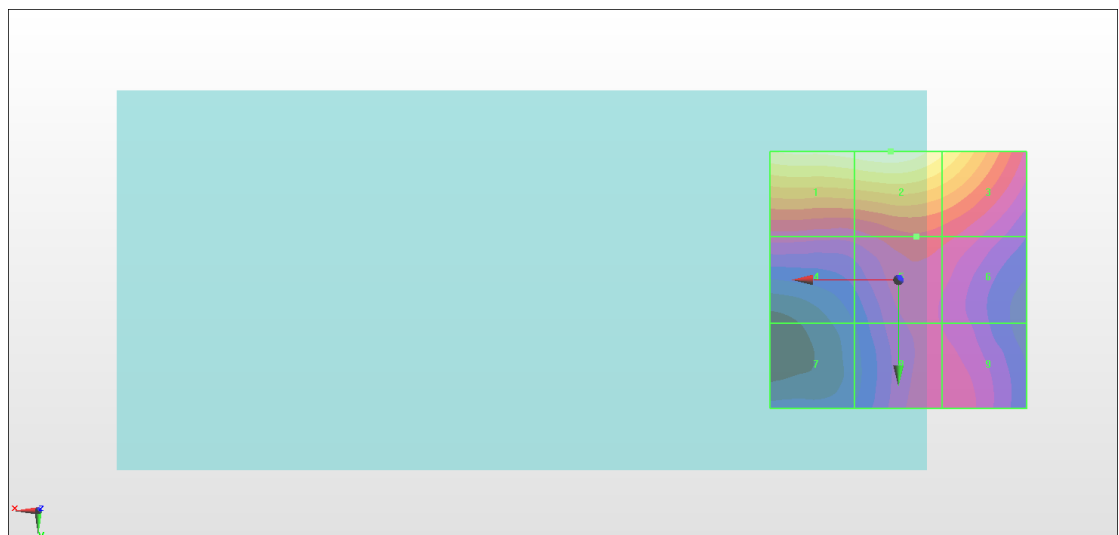
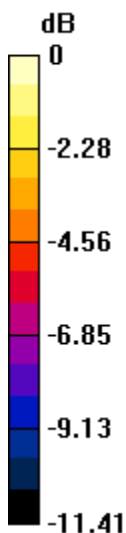
Grid 1 M3 30.59 dBV/m	Grid 2 M3 30.91 dBV/m	Grid 3 M4 29.59 dBV/m
Grid 4 M4 24.52 dBV/m	Grid 5 M4 25.48 dBV/m	Grid 6 M4 25.17 dBV/m
Grid 7 M4 21.98 dBV/m	Grid 8 M4 24.81 dBV/m	Grid 9 M4 24.81 dBV/m

Cursor:

Total = 30.91 dBV/m

E Category: M3

Location: 1.5, -25, 7.7 mm



0 dB = 35.12 V/m = 30.91 dBV/m