

#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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 53.67 V/m; Power Drift = -0.04 dB
 Applied MIF = 3.63 dB
 RF audio interference level = 36.37 dBV/m

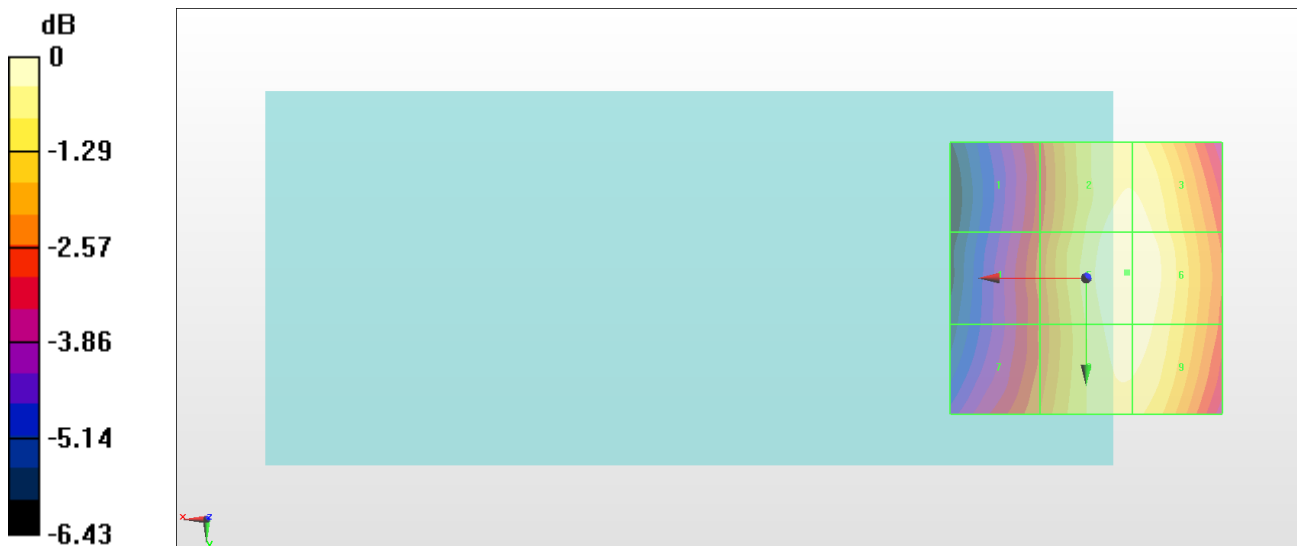
Emission category: M4

MIF scaled E-field

Grid 1 M4 33.73 dBV/m	Grid 2 M4 36.2 dBV/m	Grid 3 M4 36.19 dBV/m
Grid 4 M4 33.99 dBV/m	Grid 5 M4 36.37 dBV/m	Grid 6 M4 36.35 dBV/m
Grid 7 M4 34.26 dBV/m	Grid 8 M4 36.19 dBV/m	Grid 9 M4 36.19 dBV/m

Cursor:

Total = 36.37 dBV/m
 E Category: M4
 Location: -7.5, -1, 8.7 mm



0 dB = 65.83 V/m = 36.37 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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 50.50 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 35.76 dBV/m

Emission category: M4

MIF scaled E-field

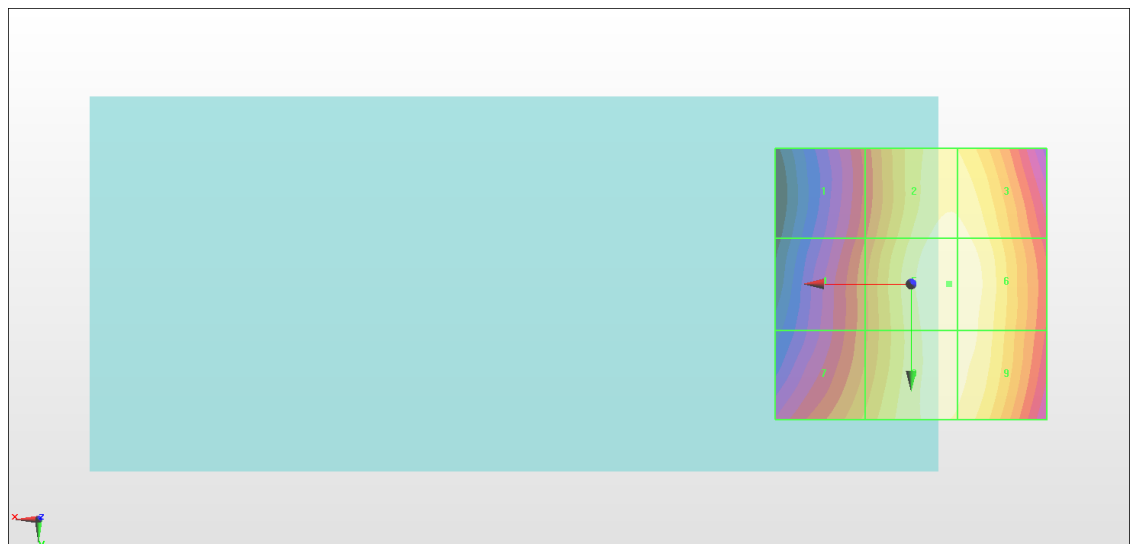
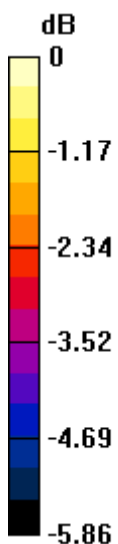
Grid 1 M4 33.38 dBV/m	Grid 2 M4 35.54 dBV/m	Grid 3 M4 35.52 dBV/m
Grid 4 M4 33.74 dBV/m	Grid 5 M4 35.76 dBV/m	Grid 6 M4 35.74 dBV/m
Grid 7 M4 34.3 dBV/m	Grid 8 M4 35.66 dBV/m	Grid 9 M4 35.65 dBV/m

Cursor:

Total = 35.76 dBV/m

E Category: M4

Location: -7, 0, 8.7 mm



0 dB = 61.40 V/m = 35.76 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: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$
 Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 45.59 V/m; Power Drift = -0.07 dB
 Applied MIF = 3.63 dB
 RF audio interference level = 35.02 dBV/m

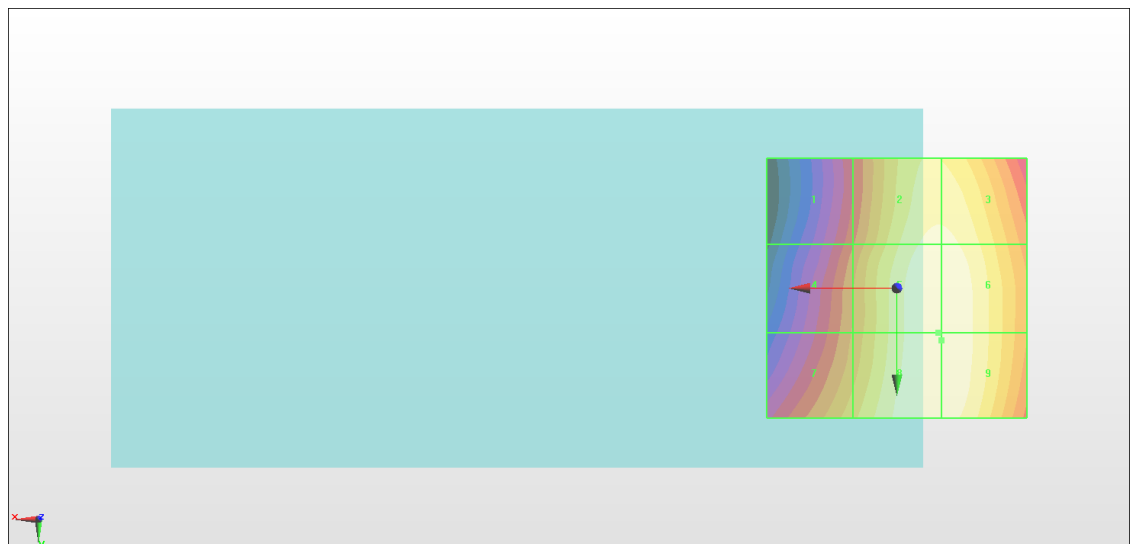
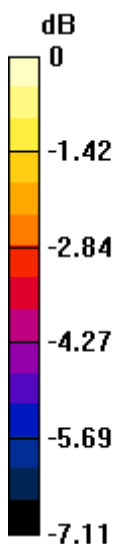
Emission category: M4

MIF scaled E-field

Grid 1 M4 32.12 dBV/m	Grid 2 M4 34.72 dBV/m	Grid 3 M4 34.71 dBV/m
Grid 4 M4 32.72 dBV/m	Grid 5 M4 35.01 dBV/m	Grid 6 M4 35.01 dBV/m
Grid 7 M4 33.47 dBV/m	Grid 8 M4 35.02 dBV/m	Grid 9 M4 35.02 dBV/m

Cursor:

Total = 35.02 dBV/m
 E Category: M4
 Location: -8.5, 10, 8.7 mm



0 dB = 56.38 V/m = 35.02 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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 5.788 V/m; Power Drift = -0.11 dB
 Applied MIF = 3.63 dB
 RF audio interference level = 22.89 dBV/m

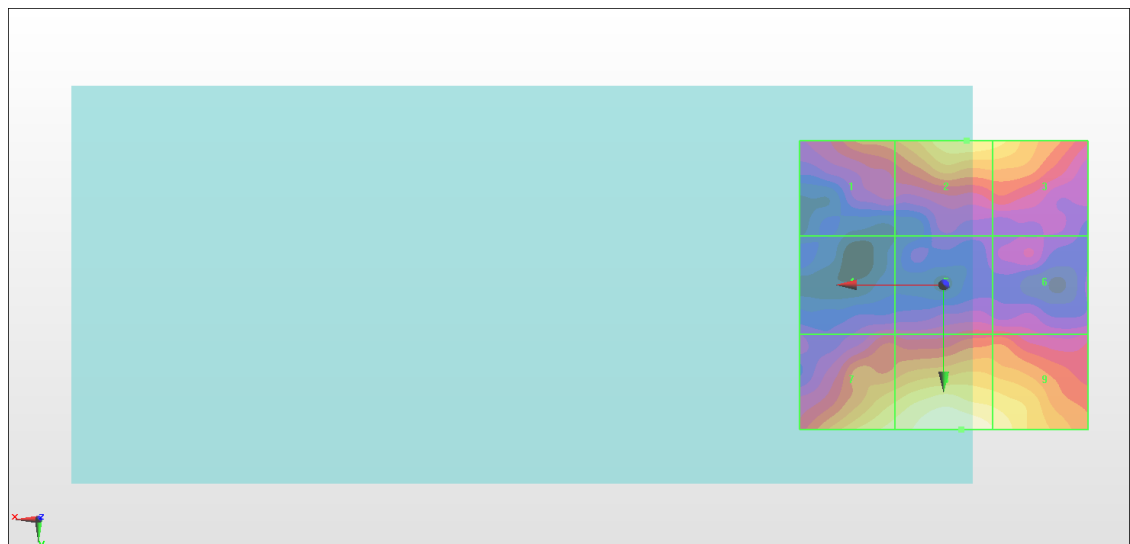
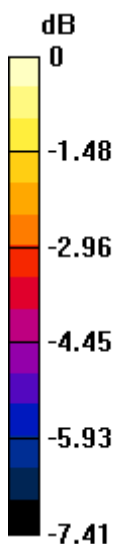
Emission category: M4

MIF scaled E-field

Grid 1 M4 20.42 dBV/m	Grid 2 M4 21.97 dBV/m	Grid 3 M4 21.72 dBV/m
Grid 4 M4 18.83 dBV/m	Grid 5 M4 19.22 dBV/m	Grid 6 M4 19.23 dBV/m
Grid 7 M4 22.17 dBV/m	Grid 8 M4 22.89 dBV/m	Grid 9 M4 22.43 dBV/m

Cursor:

Total = 22.89 dBV/m
 E Category: M4
 Location: -3, 25, 8.7 mm



0 dB = 13.94 V/m = 22.89 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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 5.452 V/m; Power Drift = 0.03 dB
 Applied MIF = 3.63 dB
 RF audio interference level = 23.12 dBV/m

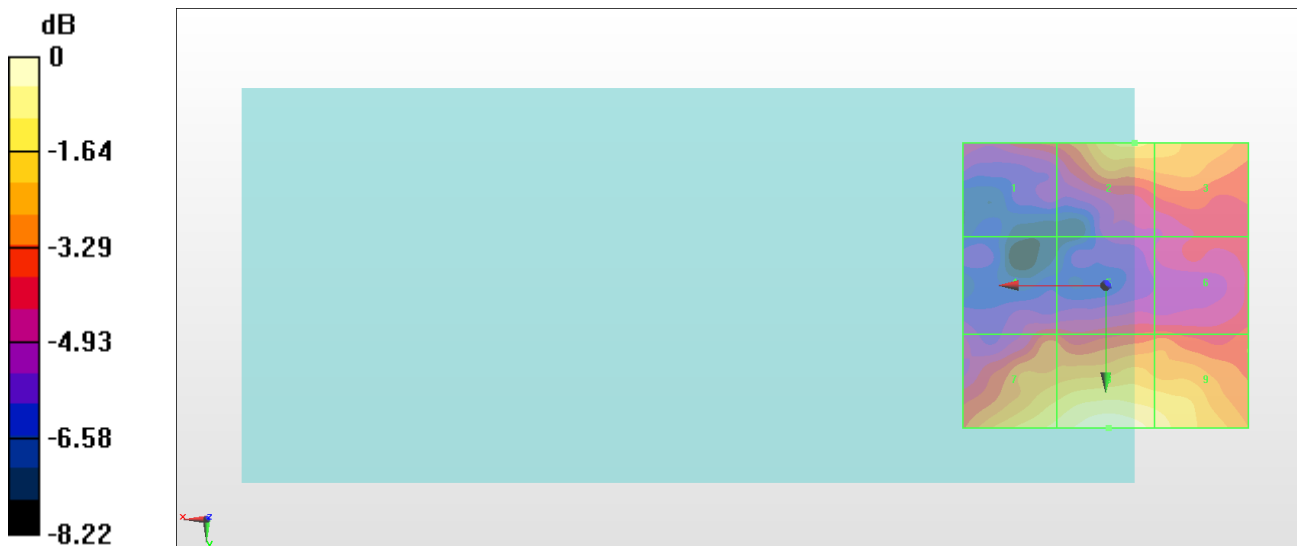
Emission category: M4

MIF scaled E-field

Grid 1 M4 19.69 dBV/m	Grid 2 M4 21.64 dBV/m	Grid 3 M4 21.36 dBV/m
Grid 4 M4 19.31 dBV/m	Grid 5 M4 19.5 dBV/m	Grid 6 M4 19.63 dBV/m
Grid 7 M4 22.27 dBV/m	Grid 8 M4 23.12 dBV/m	Grid 9 M4 22.39 dBV/m

Cursor:

Total = 23.12 dBV/m
 E Category: M4
 Location: -0.5, 25, 8.7 mm



0 dB = 14.32 V/m = 23.12 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 : 23.3 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2358; ConvF(1, 1, 1); Calibrated: 2018/1/19;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 5.468 V/m; Power Drift = 0.11 dB
 Applied MIF = 3.63 dB
 RF audio interference level = 22.35 dBV/m

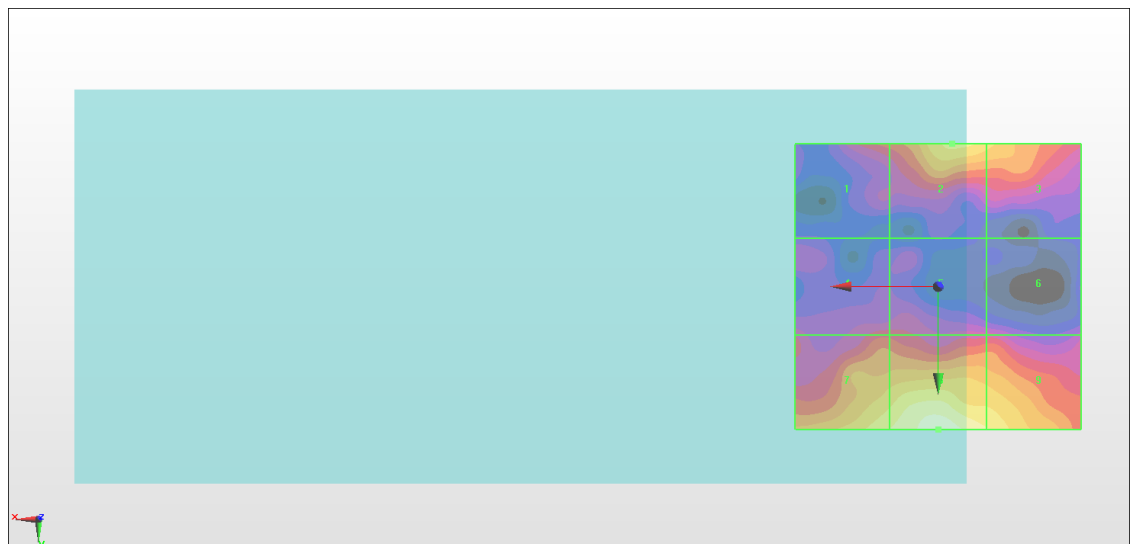
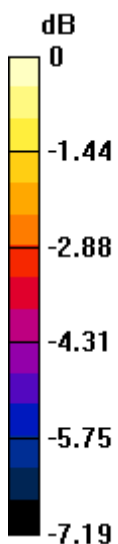
Emission category: M4

MIF scaled E-field

Grid 1 M4 19.36 dBV/m	Grid 2 M4 21.09 dBV/m	Grid 3 M4 20.63 dBV/m
Grid 4 M4 18.89 dBV/m	Grid 5 M4 18.85 dBV/m	Grid 6 M4 18.31 dBV/m
Grid 7 M4 21.42 dBV/m	Grid 8 M4 22.35 dBV/m	Grid 9 M4 21.44 dBV/m

Cursor:

Total = 22.35 dBV/m
 E Category: M4
 Location: 0, 25, 8.7 mm



0 dB = 13.11 V/m = 22.35 dBV/m

#07_HAC_E_WLAN2.4GHz_802.11b 1Mbps_Ch1

Communication System: IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:2.29087

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 34.02 V/m; Power Drift = -0.01 dB

Applied MIF = -2.02 dB

RF audio interference level = 26.30 dBV/m

Emission category: M4

MIF scaled E-field

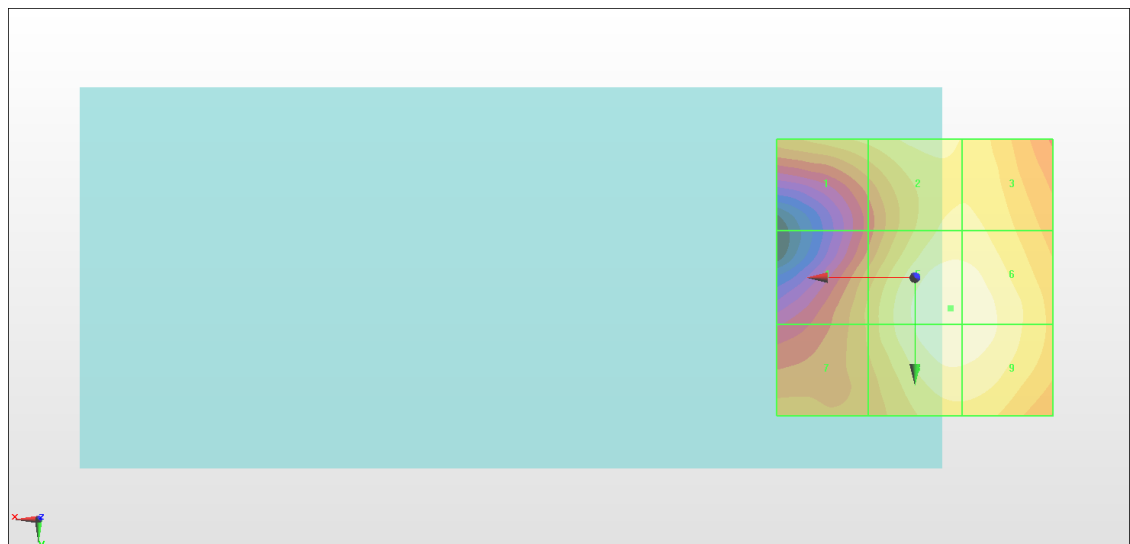
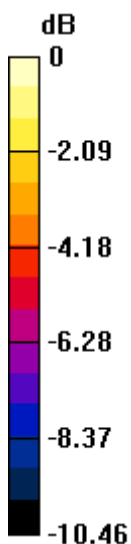
Grid 1 M4 24.44 dBV/m	Grid 2 M4 25.16 dBV/m	Grid 3 M4 25.14 dBV/m
Grid 4 M4 23.68 dBV/m	Grid 5 M4 26.29 dBV/m	Grid 6 M4 26.22 dBV/m
Grid 7 M4 23.65 dBV/m	Grid 8 M4 26.2 dBV/m	Grid 9 M4 26.17 dBV/m

Cursor:

Total = 26.29 dBV/m

E Category: M4

Location: -6.5, 5.5, 7.7 mm



0 dB = 20.64 V/m = 26.29 dBV/m

#08_HAC_E_WLAN2.4GHz_802.11b 1Mbps_Ch6

Communication System: IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29087

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 30.99 V/m; Power Drift = -0.10 dB

Applied MIF = -2.02 dB

RF audio interference level = 25.67 dBV/m

Emission category: M4

MIF scaled E-field

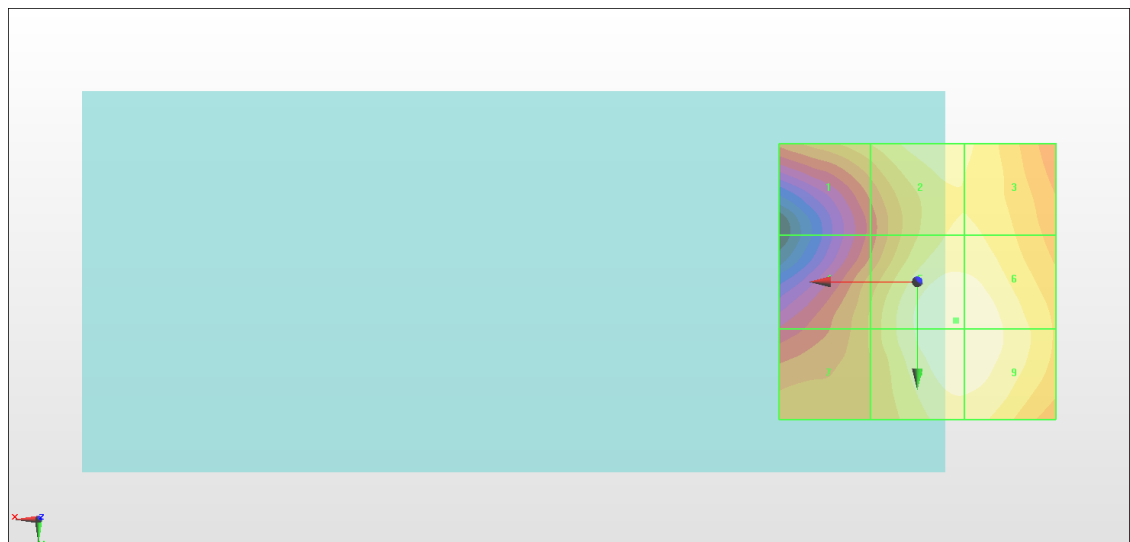
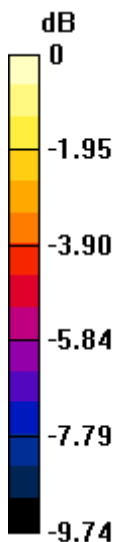
Grid 1 M4 23.76 dBV/m	Grid 2 M4 24.75 dBV/m	Grid 3 M4 24.54 dBV/m
Grid 4 M4 23.18 dBV/m	Grid 5 M4 25.67 dBV/m	Grid 6 M4 25.65 dBV/m
Grid 7 M4 23.17 dBV/m	Grid 8 M4 25.66 dBV/m	Grid 9 M4 25.64 dBV/m

Cursor:

Total = 25.67 dBV/m

E Category: M4

Location: -7, 7, 7.7 mm



0 dB = 19.21 V/m = 25.67 dBV/m

#09_HAC_E_WLAN2.4GHz_802.11b 1Mbps_Ch11

Communication System: IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29087

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 31.25 V/m; Power Drift = 0.01 dB

Applied MIF = -2.02 dB

RF audio interference level = 26.18 dBV/m

Emission category: M4

MIF scaled E-field

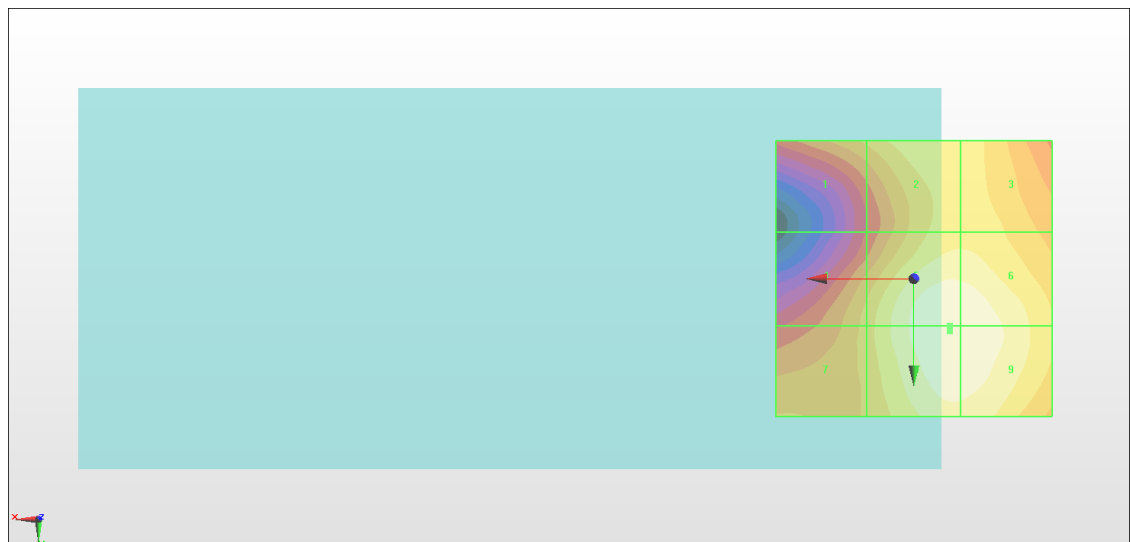
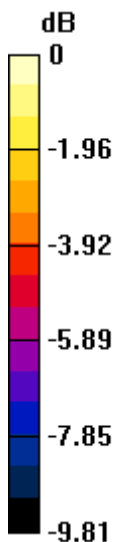
Grid 1 M4 23.75 dBV/m	Grid 2 M4 24.81 dBV/m	Grid 3 M4 24.65 dBV/m
Grid 4 M4 23.86 dBV/m	Grid 5 M4 26.17 dBV/m	Grid 6 M4 26.13 dBV/m
Grid 7 M4 23.9 dBV/m	Grid 8 M4 26.18 dBV/m	Grid 9 M4 26.13 dBV/m

Cursor:

Total = 26.18 dBV/m

E Category: M4

Location: -6.5, 9.5, 7.7 mm



0 dB = 20.36 V/m = 26.18 dBV/m

#10_HAC_E_WLAN2.4GHz_802.11b 1Mbps_Ch12

Communication System: IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2467 MHz; Duty Cycle: 1:2.29087

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 28.77 V/m; Power Drift = 0.02 dB

Applied MIF = -2.02 dB

RF audio interference level = 25.56 dBV/m

Emission category: M4

MIF scaled E-field

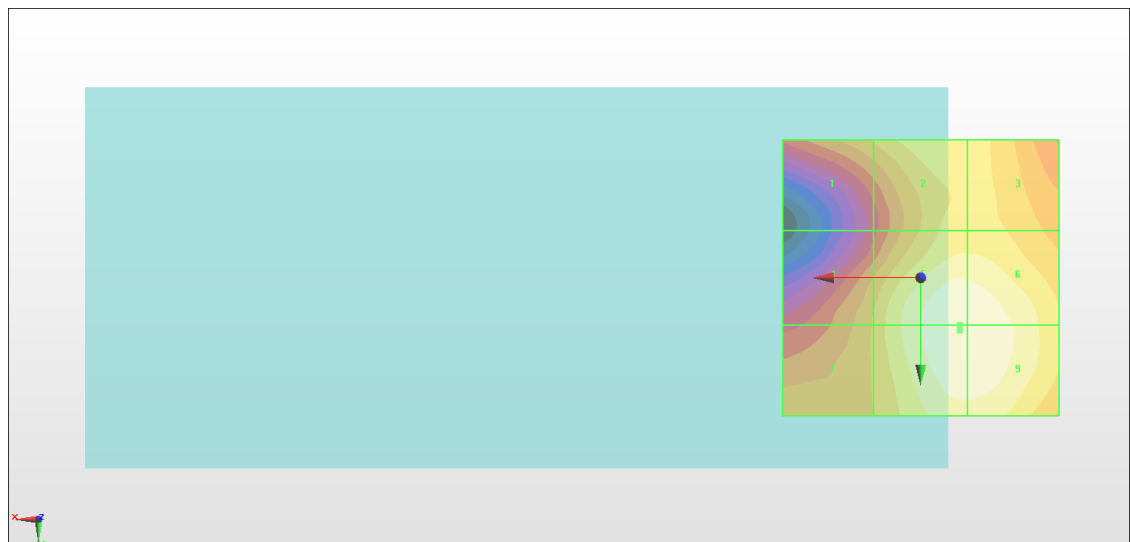
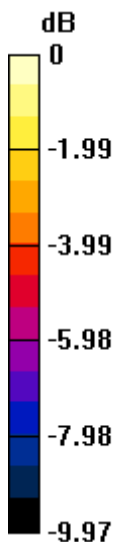
Grid 1 M4 23.02 dBV/m	Grid 2 M4 24.15 dBV/m	Grid 3 M4 23.99 dBV/m
Grid 4 M4 23 dBV/m	Grid 5 M4 25.56 dBV/m	Grid 6 M4 25.52 dBV/m
Grid 7 M4 23.04 dBV/m	Grid 8 M4 25.56 dBV/m	Grid 9 M4 25.52 dBV/m

Cursor:

Total = 25.56 dBV/m

E Category: M4

Location: -7, 9.5, 7.7 mm



0 dB = 18.97 V/m = 25.56 dBV/m

#11_HAC_E_WLAN2.4GHz_802.11b 1Mbps_Ch13

Communication System: IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2472 MHz; Duty Cycle: 1:2.29087

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

Ambient Temperature : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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 = 27.95 V/m; Power Drift = 0.01 dB

Applied MIF = -2.02 dB

RF audio interference level = 25.51 dBV/m

Emission category: M4

MIF scaled E-field

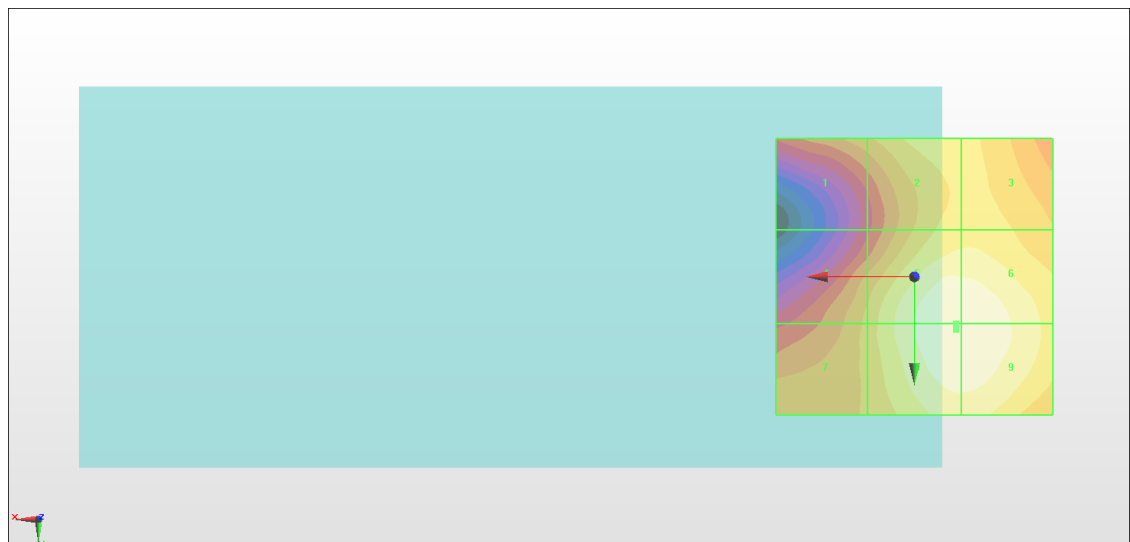
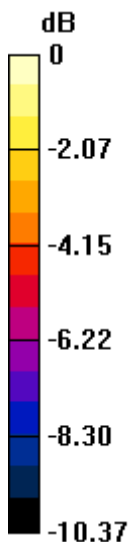
Grid 1 M4 22.64 dBV/m	Grid 2 M4 23.81 dBV/m	Grid 3 M4 23.82 dBV/m
Grid 4 M4 22.97 dBV/m	Grid 5 M4 25.5 dBV/m	Grid 6 M4 25.48 dBV/m
Grid 7 M4 23.03 dBV/m	Grid 8 M4 25.51 dBV/m	Grid 9 M4 25.49 dBV/m

Cursor:

Total = 25.51 dBV/m

E Category: M4

Location: -7.5, 9.5, 7.7 mm



0 dB = 18.85 V/m = 25.51 dBV/m