

#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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

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 = 66.16 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.93 dBV/m

Emission category: M4

MIF scaled E-field

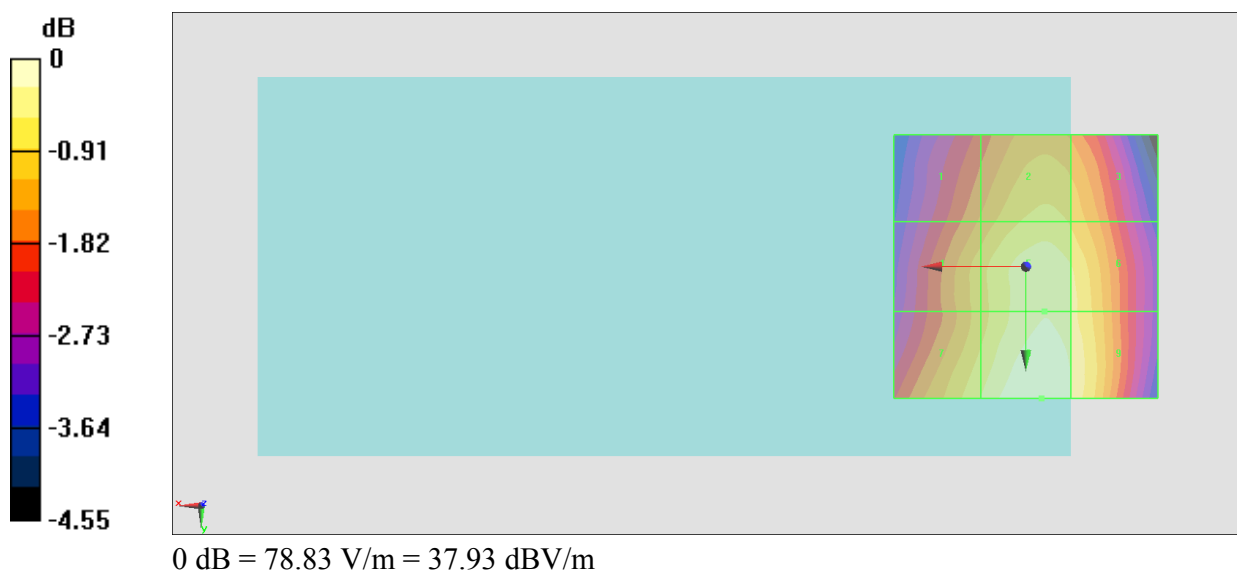
Grid 1 M4 36.49 dBV/m	Grid 2 M4 37.16 dBV/m	Grid 3 M4 36.99 dBV/m
Grid 4 M4 36.94 dBV/m	Grid 5 M4 37.61 dBV/m	Grid 6 M4 37.43 dBV/m
Grid 7 M4 37.34 dBV/m	Grid 8 M4 37.93 dBV/m	Grid 9 M4 37.63 dBV/m

Cursor:

Total = 37.93 dBV/m

E Category: M4

Location: -3, 25, 8.7 mm



#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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

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 = 63.85 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 37.65 dBV/m

Emission category: M4

MIF scaled E-field

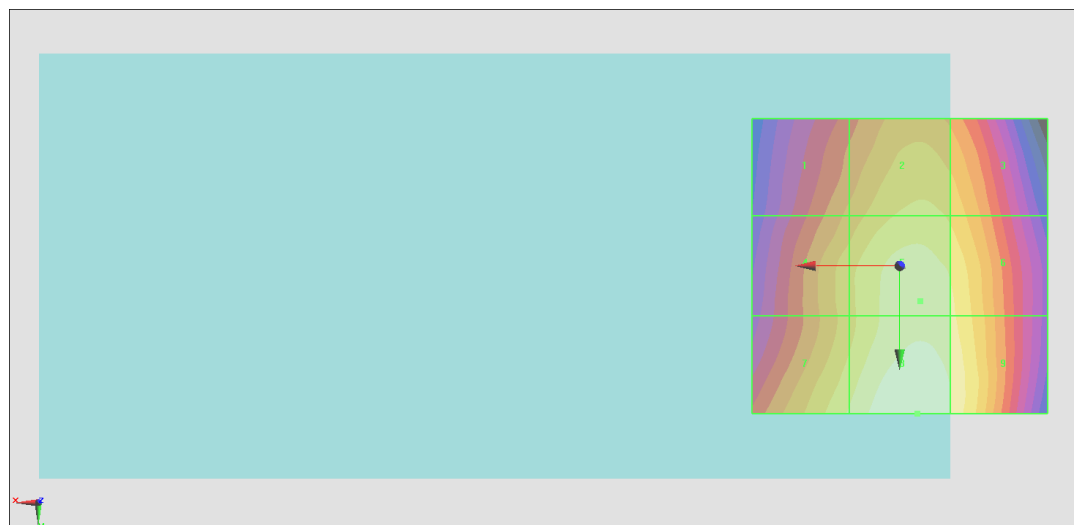
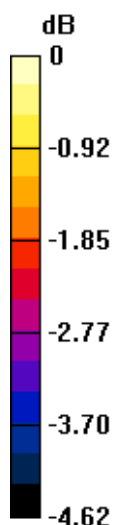
Grid 1 M4 36.22 dBV/m	Grid 2 M4 36.84 dBV/m	Grid 3 M4 36.69 dBV/m
Grid 4 M4 36.66 dBV/m	Grid 5 M4 37.27 dBV/m	Grid 6 M4 37.12 dBV/m
Grid 7 M4 37.08 dBV/m	Grid 8 M4 37.65 dBV/m	Grid 9 M4 37.35 dBV/m

Cursor:

Total = 37.65 dBV/m

E Category: M4

Location: -3, 25, 8.7 mm



0 dB = 76.33 V/m = 37.65 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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

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 = 56.41 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 36.79 dBV/m

Emission category: M4

MIF scaled E-field

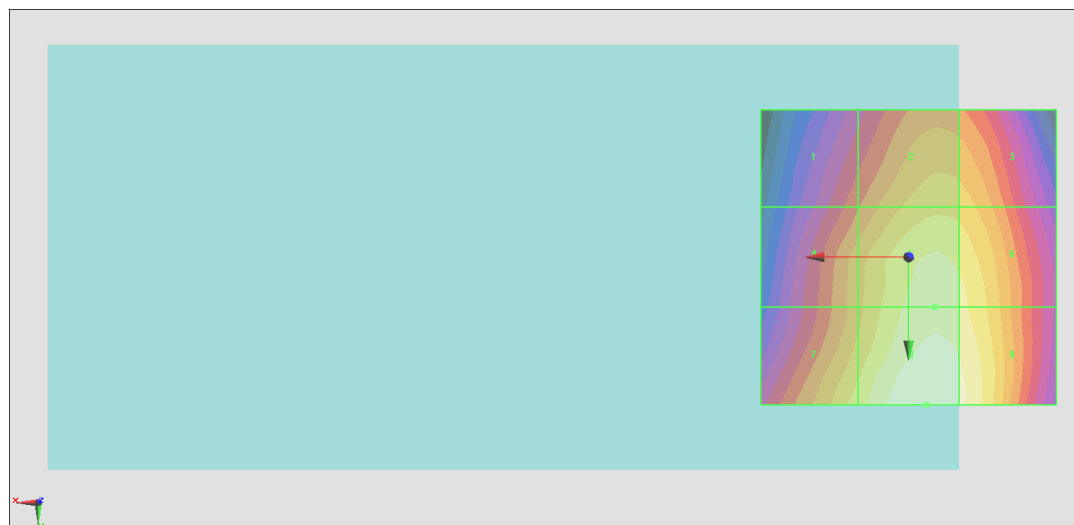
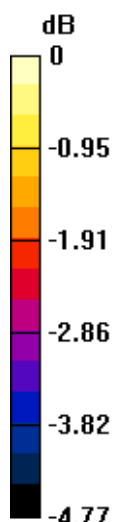
Grid 1 M4 34.87 dBV/m	Grid 2 M4 35.77 dBV/m	Grid 3 M4 35.72 dBV/m
Grid 4 M4 35.44 dBV/m	Grid 5 M4 36.37 dBV/m	Grid 6 M4 36.27 dBV/m
Grid 7 M4 36.02 dBV/m	Grid 8 M4 36.79 dBV/m	Grid 9 M4 36.6 dBV/m

Cursor:

Total = 36.79 dBV/m

E Category: M4

Location: -3, 25, 8.7 mm



0 dB = 69.11 V/m = 36.79 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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

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 = 12.47 V/m; Power Drift = -0.15 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.33 dBV/m

Emission category: M4

MIF scaled E-field

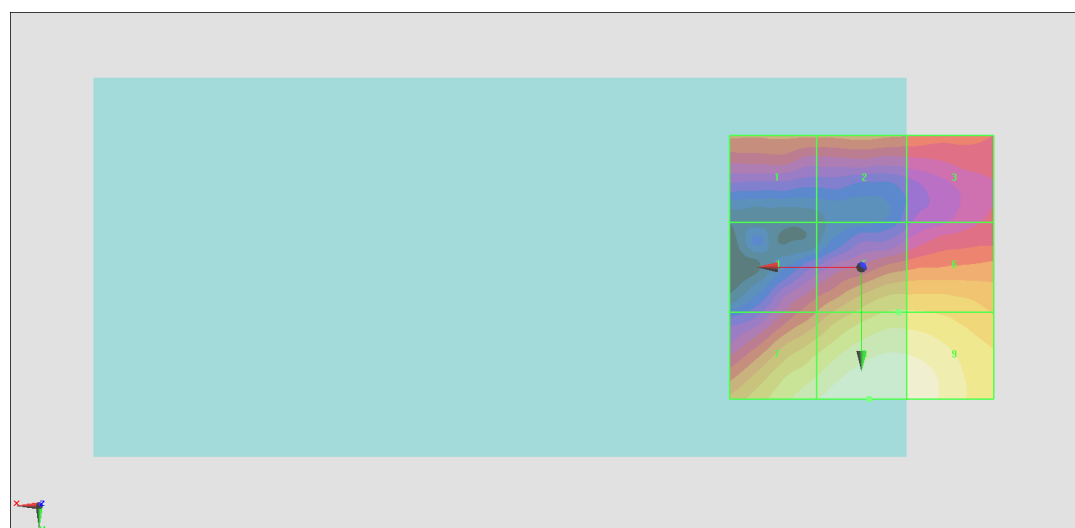
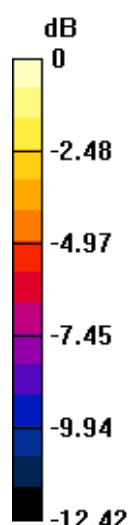
Grid 1 M4 24.55 dBV/m	Grid 2 M4 24.72 dBV/m	Grid 3 M4 24.41 dBV/m
Grid 4 M4 24.4 dBV/m	Grid 5 M4 26.98 dBV/m	Grid 6 M4 26.95 dBV/m
Grid 7 M4 28.42 dBV/m	Grid 8 M4 29.33 dBV/m	Grid 9 M4 29.11 dBV/m

Cursor:

Total = 29.33 dBV/m

E Category: M4

Location: -1.5, 25, 8.7 mm



0 dB = 29.26 V/m = 29.33 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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

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 = 11.61 V/m; Power Drift = 0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.52 dBV/m

Emission category: M4

MIF scaled E-field

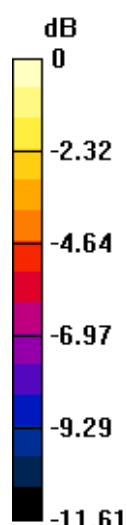
Grid 1 M4 24.41 dBV/m	Grid 2 M4 24.85 dBV/m	Grid 3 M4 24.28 dBV/m
Grid 4 M4 24.19 dBV/m	Grid 5 M4 26.68 dBV/m	Grid 6 M4 26.65 dBV/m
Grid 7 M4 28.1 dBV/m	Grid 8 M4 29.52 dBV/m	Grid 9 M4 29.36 dBV/m

Cursor:

Total = 29.52 dBV/m

E Category: M4

Location: -4.5, 25, 8.7 mm



0 dB = 29.92 V/m = 29.52 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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2019/1/30
- 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 (1); SEMCAD X Version 14.6.11 (7439)

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 = 11.63 V/m; Power Drift = 0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 29.55 dBV/m

Emission category: M4

MIF scaled E-field

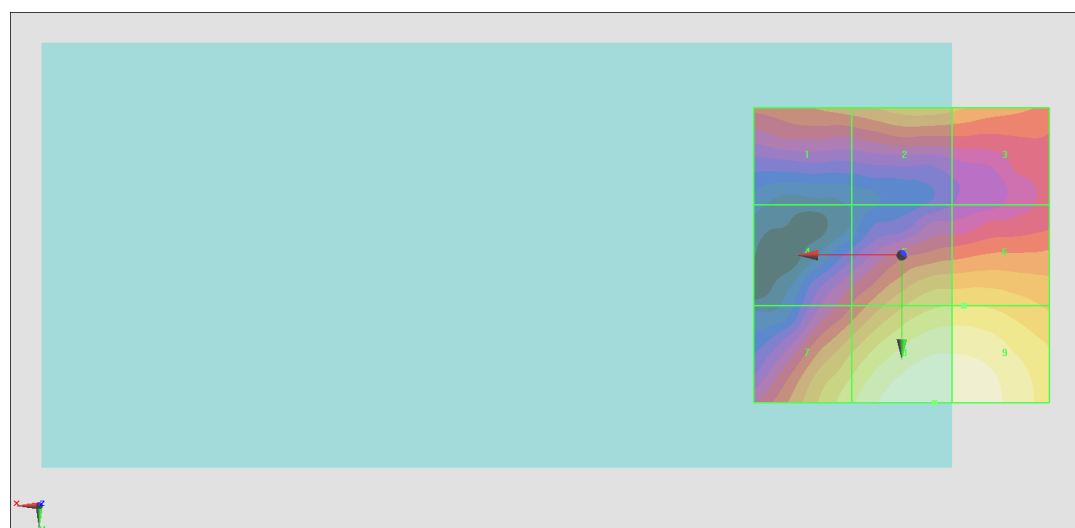
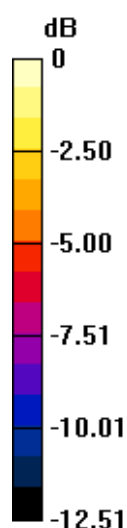
Grid 1 M4 25.08 dBV/m	Grid 2 M4 25.93 dBV/m	Grid 3 M4 25.64 dBV/m
Grid 4 M4 23.76 dBV/m	Grid 5 M4 27.05 dBV/m	Grid 6 M4 27.07 dBV/m
Grid 7 M4 27.74 dBV/m	Grid 8 M4 29.55 dBV/m	Grid 9 M4 29.45 dBV/m

Cursor:

Total = 29.55 dBV/m

E Category: M4

Location: -5.5, 25, 8.7 mm



0 dB = 30.03 V/m = 29.55 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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2019/1/30
- 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 (1);SEMCAD X Version 14.6.11 (7439)

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 = 35.83 V/m; Power Drift = 0.12 dB

Applied MIF = 0.12 dB

RF audio interference level = 32.84 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 25.76 dBV/m	Grid 2 M4 26.97 dBV/m	Grid 3 M4 26.97 dBV/m
Grid 4 M4 29.59 dBV/m	Grid 5 M4 29.42 dBV/m	Grid 6 M4 29.26 dBV/m
Grid 7 M3 32.84 dBV/m	Grid 8 M3 32.33 dBV/m	Grid 9 M3 30.78 dBV/m

Cursor:

Total = 32.84 dBV/m

E Category: M3

Location: 22, 25, 8.7 mm



#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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2019/1/30
- 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 (1);SEMCAD X Version 14.6.11 (7439)

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 = 35.97 V/m; Power Drift = -0.04 dB

Applied MIF = 0.12 dB

RF audio interference level = 32.44 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 26.11 dBV/m	Grid 2 M4 27.28 dBV/m	Grid 3 M4 27.28 dBV/m
Grid 4 M4 29.34 dBV/m	Grid 5 M4 29.27 dBV/m	Grid 6 M4 29.14 dBV/m
Grid 7 M3 32.44 dBV/m	Grid 8 M3 31.97 dBV/m	Grid 9 M3 30.67 dBV/m

Cursor:

Total = 32.44 dBV/m

E Category: M3

Location: 22.5, 25, 8.7 mm



#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 : 23.3 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2019/1/30
- 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 (1);SEMCAD X Version 14.6.11 (7439)

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 = 36.80 V/m; Power Drift = -0.04 dB

Applied MIF = 0.12 dB

RF audio interference level = 32.59 dBV/m

Emission category: M3

MIF scaled E-field

Grid 1 M4 26.77 dBV/m	Grid 2 M4 27.87 dBV/m	Grid 3 M4 27.87 dBV/m
Grid 4 M4 29.52 dBV/m	Grid 5 M4 29.63 dBV/m	Grid 6 M4 29.51 dBV/m
Grid 7 M3 32.59 dBV/m	Grid 8 M3 32.29 dBV/m	Grid 9 M3 31.24 dBV/m

Cursor:

Total = 32.59 dBV/m

E Category: M3

Location: 24.5, 25, 8.7 mm

