

#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: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2019/9/17

- 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 = 38.81 V/m; Power Drift = -0.03 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.14 dBV/m

Emission category: M4

MIF scaled E-field

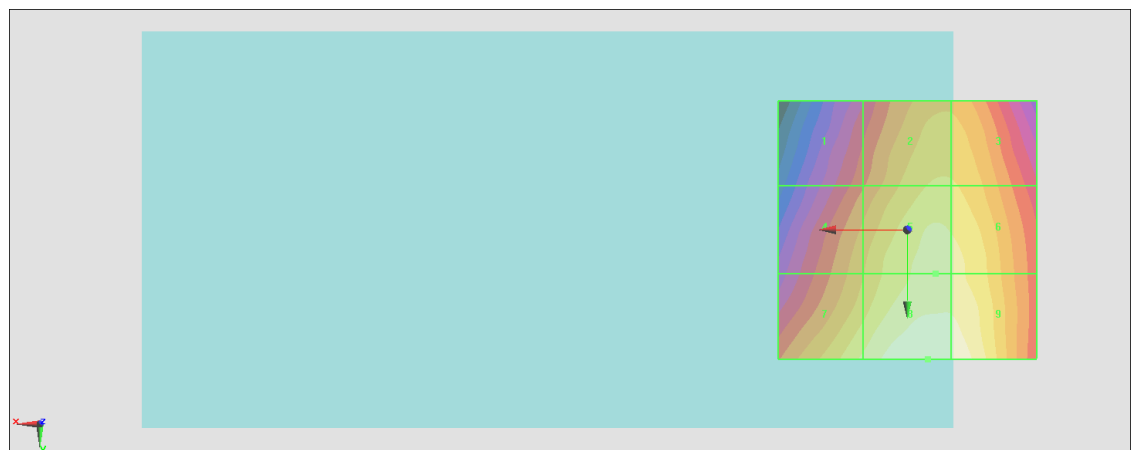
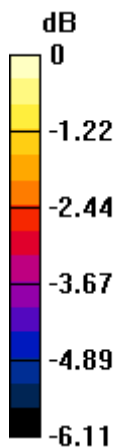
Grid 1 M4 31.66 dBV/m	Grid 2 M4 32.99 dBV/m	Grid 3 M4 32.97 dBV/m
Grid 4 M4 32.49 dBV/m	Grid 5 M4 33.52 dBV/m	Grid 6 M4 33.46 dBV/m
Grid 7 M4 33.42 dBV/m	Grid 8 M4 34.14 dBV/m	Grid 9 M4 34.09 dBV/m

Cursor:

Total = 34.14 dBV/m

E Category: M4

Location: -4, 25, 8.7 mm



0 dB = 50.92 V/m = 34.14 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: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- 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 = 38.41 V/m; Power Drift = 0.01 dB

Applied MIF = 3.63 dB

RF audio interference level = 34.21 dBV/m

Emission category: M4

MIF scaled E-field

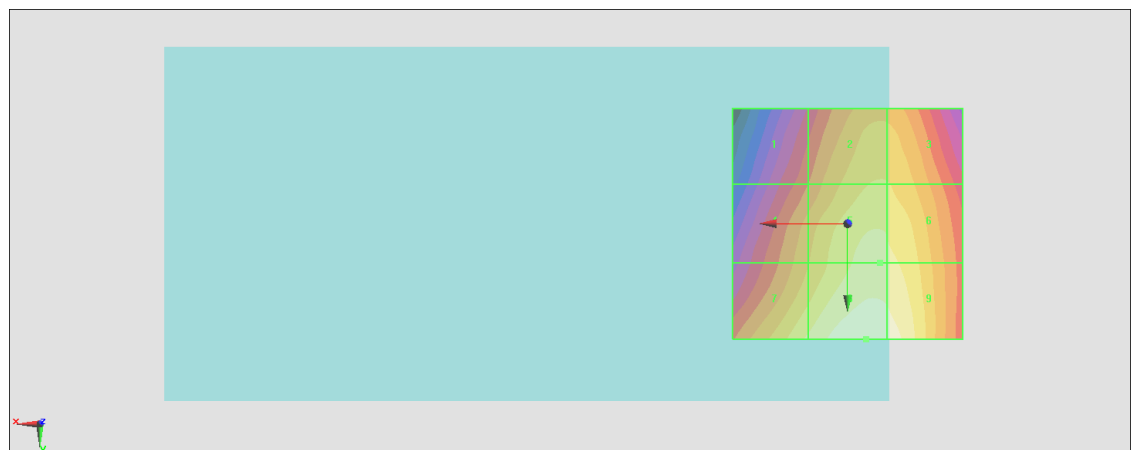
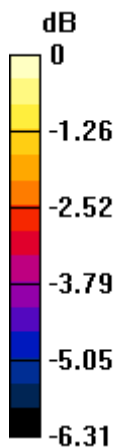
Grid 1 M4 31.7 dBV/m	Grid 2 M4 32.99 dBV/m	Grid 3 M4 32.97 dBV/m
Grid 4 M4 32.52 dBV/m	Grid 5 M4 33.51 dBV/m	Grid 6 M4 33.49 dBV/m
Grid 7 M4 33.46 dBV/m	Grid 8 M4 34.21 dBV/m	Grid 9 M4 34.09 dBV/m

Cursor:

Total = 34.21 dBV/m

E Category: M4

Location: -4, 25, 8.7 mm



0 dB = 51.34 V/m = 34.21 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: 2020/1/24

- Sensor-Surface: (Fix Surface)

- Electronics: DAE3 Sn577; Calibrated: 2019/9/17

- 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 = 33.76 V/m; Power Drift = -0.02 dB

Applied MIF = 3.63 dB

RF audio interference level = 33.28 dBV/m

Emission category: M4

MIF scaled E-field

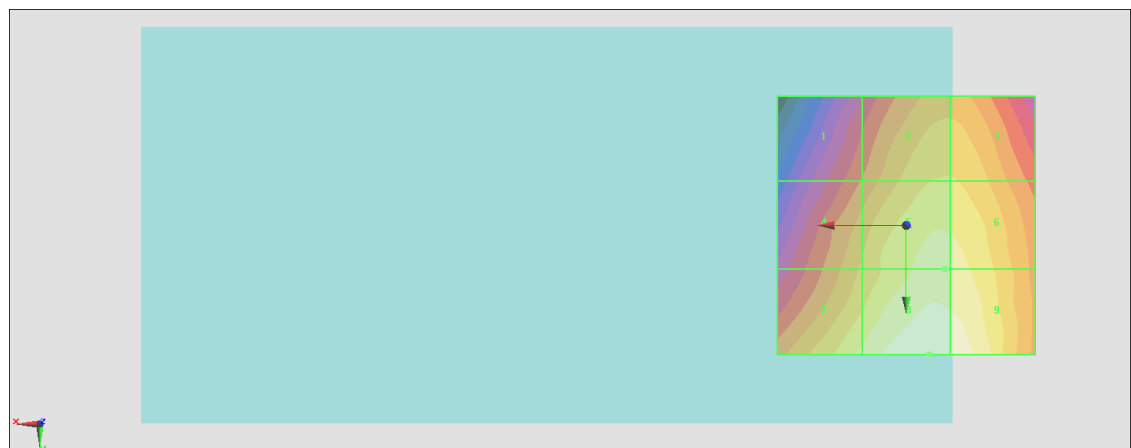
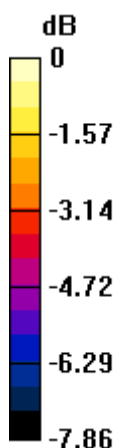
Grid 1 M4 30.22 dBV/m	Grid 2 M4 31.77 dBV/m	Grid 3 M4 31.77 dBV/m
Grid 4 M4 31.29 dBV/m	Grid 5 M4 32.46 dBV/m	Grid 6 M4 32.45 dBV/m
Grid 7 M4 32.39 dBV/m	Grid 8 M4 33.28 dBV/m	Grid 9 M4 33.14 dBV/m

Cursor:

Total = 33.28 dBV/m

E Category: M4

Location: -4.5, 25, 8.7 mm



0 dB = 46.15 V/m = 33.28 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: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- 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 = 10.24 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 26.19 dBV/m

Emission category: M4

MIF scaled E-field

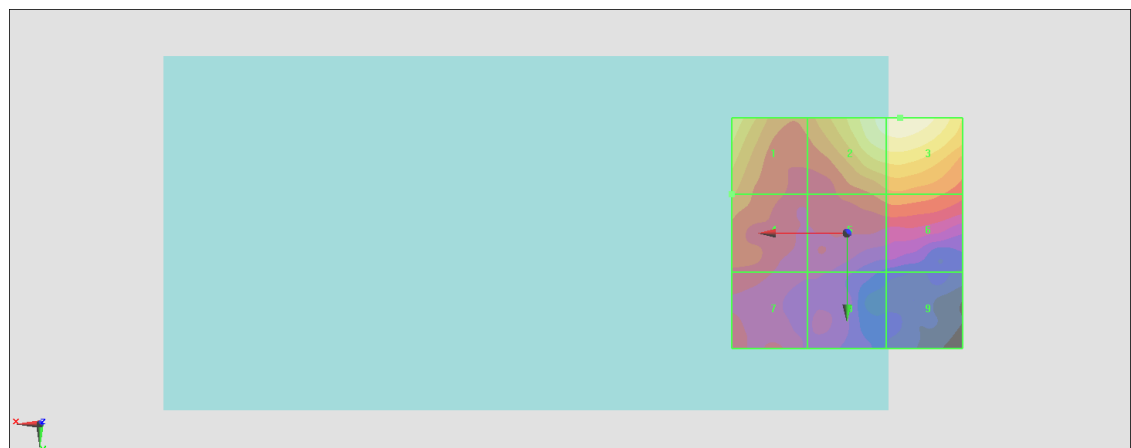
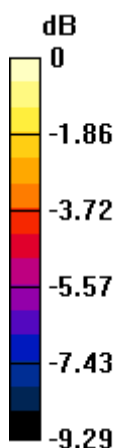
Grid 1 M4 25.03 dBV/m	Grid 2 M4 26 dBV/m	Grid 3 M4 26.19 dBV/m
Grid 4 M4 23.24 dBV/m	Grid 5 M4 22.86 dBV/m	Grid 6 M4 22.97 dBV/m
Grid 7 M4 21.77 dBV/m	Grid 8 M4 20.82 dBV/m	Grid 9 M4 19.18 dBV/m

Cursor:

Total = 26.19 dBV/m

E Category: M4

Location: -11.5, -25, 8.7 mm



0 dB = 20.38 V/m = 26.19 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: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- 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 = 10.90 V/m; Power Drift = -0.04 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.90 dBV/m

Emission category: M4

MIF scaled E-field

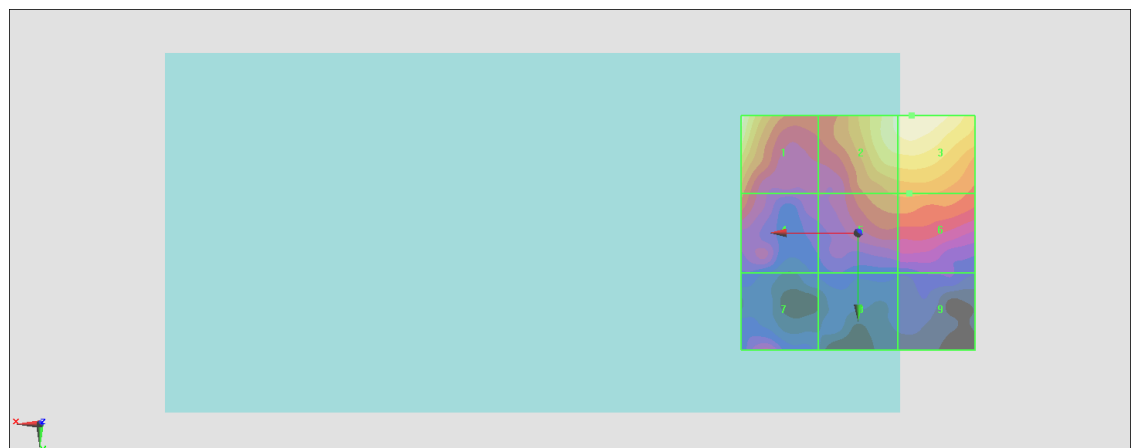
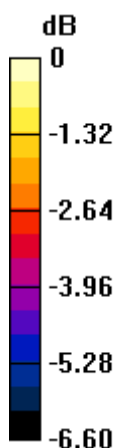
Grid 1 M4 25.79 dBV/m	Grid 2 M4 25.66 dBV/m	Grid 3 M4 25.9 dBV/m
Grid 4 M4 23.47 dBV/m	Grid 5 M4 23.78 dBV/m	Grid 6 M4 23.82 dBV/m
Grid 7 M4 22.15 dBV/m	Grid 8 M4 21.08 dBV/m	Grid 9 M4 21.15 dBV/m

Cursor:

Total = 25.90 dBV/m

E Category: M4

Location: -11.5, -25, 8.7 mm



0 dB = 19.73 V/m = 25.90 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: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- 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 = 9.967 V/m; Power Drift = -0.07 dB

Applied MIF = 3.63 dB

RF audio interference level = 25.09 dBV/m

Emission category: M4

MIF scaled E-field

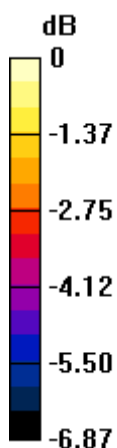
Grid 1 M4 24.82 dBV/m	Grid 2 M4 24.98 dBV/m	Grid 3 M4 25.09 dBV/m
Grid 4 M4 22.15 dBV/m	Grid 5 M4 23.19 dBV/m	Grid 6 M4 23.25 dBV/m
Grid 7 M4 20.45 dBV/m	Grid 8 M4 20.3 dBV/m	Grid 9 M4 20.37 dBV/m

Cursor:

Total = 25.09 dBV/m

E Category: M4

Location: -11.5, -25, 8.7 mm



0 dB = 17.98 V/m = 25.10 dBV/m

#07_HAC_E_LTE Band 38_20M_QPSK_1_0_Ch37850

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2580 MHz; Duty Cycle: 1:8.33681

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) @ 2580 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- 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 = 34.36 V/m; Power Drift = 0.04 dB

Applied MIF = -1.62 dB

RF audio interference level = 29.25 dBV/m

Emission category: M4

MIF scaled E-field

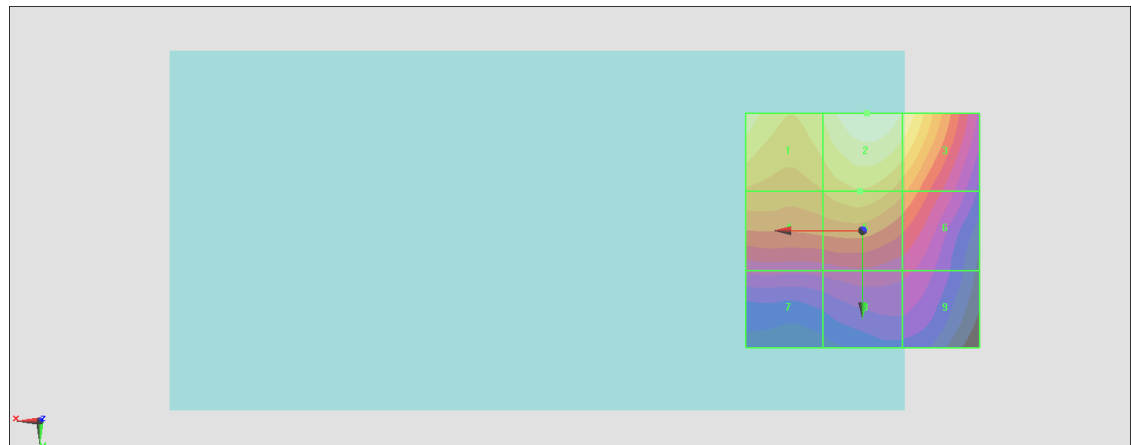
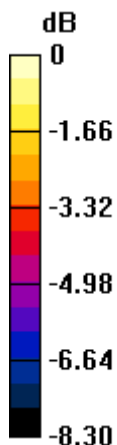
Grid 1 M4 28.6 dBV/m	Grid 2 M4 29.25 dBV/m	Grid 3 M4 28.67 dBV/m
Grid 4 M4 27.04 dBV/m	Grid 5 M4 27.54 dBV/m	Grid 6 M4 26.65 dBV/m
Grid 7 M4 24.53 dBV/m	Grid 8 M4 24.76 dBV/m	Grid 9 M4 24.48 dBV/m

Cursor:

Total = 29.25 dBV/m

E Category: M4

Location: -1, -25, 8.7 mm



0 dB = 29.00 V/m = 29.25 dBV/m

#08_HAC_E_LTE Band 38_20M_QPSK_1_0_Ch38000

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2595 MHz; Duty Cycle: 1:8.33681

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) @ 2595 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- 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 = 34.64 V/m; Power Drift = -0.03 dB

Applied MIF = -1.62 dB

RF audio interference level = 29.16 dBV/m

Emission category: M4

MIF scaled E-field

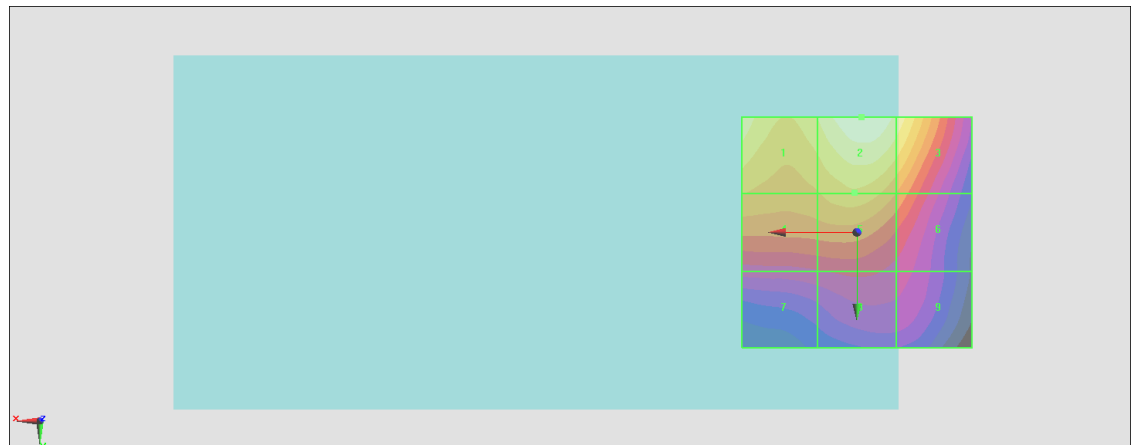
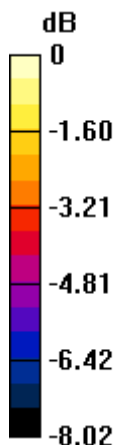
Grid 1 M4 28.62 dBV/m	Grid 2 M4 29.16 dBV/m	Grid 3 M4 28.51 dBV/m
Grid 4 M4 27.09 dBV/m	Grid 5 M4 27.44 dBV/m	Grid 6 M4 26.5 dBV/m
Grid 7 M4 24.84 dBV/m	Grid 8 M4 25.04 dBV/m	Grid 9 M4 24.71 dBV/m

Cursor:

Total = 29.16 dBV/m

E Category: M4

Location: -1, -25, 8.7 mm



0 dB = 28.72 V/m = 29.16 dBV/m

#09_HAC_E_LTE Band 38_20M_QPSK_1_0_Ch38150

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2610 MHz; Duty Cycle: 1:8.33681

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) @ 2610 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn577; Calibrated: 2019/9/17
- 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 = 32.74 V/m; Power Drift = 0.04 dB

Applied MIF = -1.62 dB

RF audio interference level = 29.19 dBV/m

Emission category: M4

MIF scaled E-field

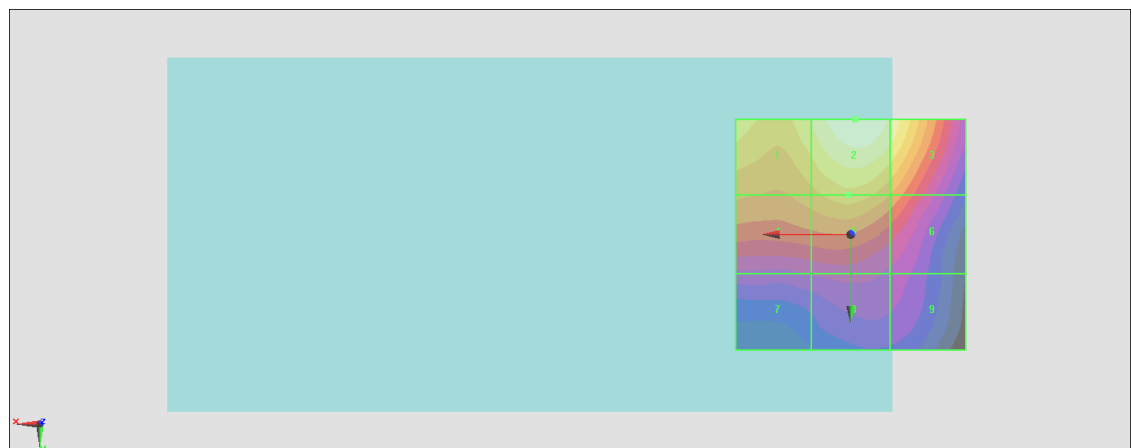
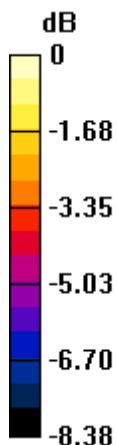
Grid 1 M4 28.13 dBV/m	Grid 2 M4 29.19 dBV/m	Grid 3 M4 28.57 dBV/m
Grid 4 M4 26.75 dBV/m	Grid 5 M4 27.28 dBV/m	Grid 6 M4 26.4 dBV/m
Grid 7 M4 24.23 dBV/m	Grid 8 M4 24.43 dBV/m	Grid 9 M4 24.07 dBV/m

Cursor:

Total = 29.19 dBV/m

E Category: M4

Location: -1, -25, 8.7 mm



0 dB = 28.81 V/m = 29.19 dBV/m

#12_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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 61.32 V/m; Power Drift = 0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 34.32 dBV/m

Emission category: M3

MIF scaled E-field

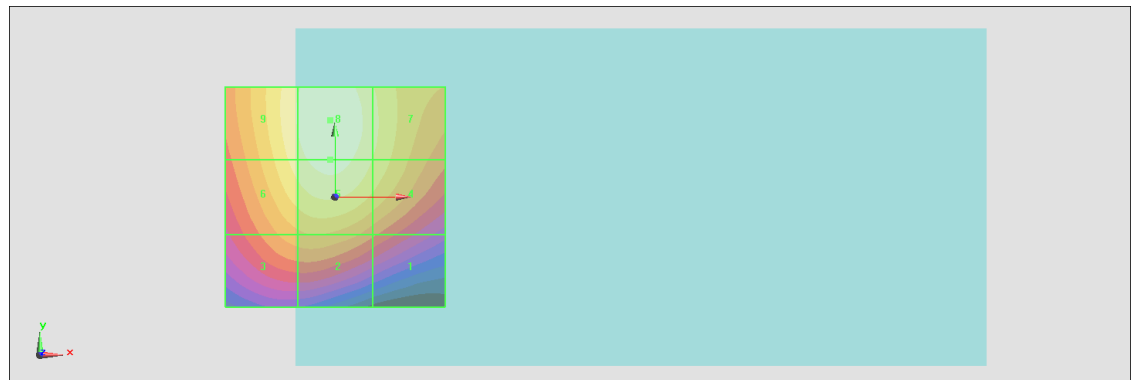
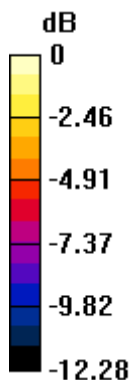
Grid 1 M4 29.65 dBV/m	Grid 2 M3 31.08 dBV/m	Grid 3 M3 30.85 dBV/m
Grid 4 M3 32.68 dBV/m	Grid 5 M3 33.87 dBV/m	Grid 6 M3 33.13 dBV/m
Grid 7 M3 33 dBV/m	Grid 8 M3 34.32 dBV/m	Grid 9 M3 33.58 dBV/m

Cursor:

Total = 34.32 dBV/m

E Category: M3

Location: -1, 17.5, 8.7 mm



0 dB = 52.00 V/m = 34.32 dBV/m

#13_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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 65.02 V/m; Power Drift = -0.02 dB

Applied MIF = 0.12 dB

RF audio interference level = 34.58 dBV/m

Emission category: M3

MIF scaled E-field

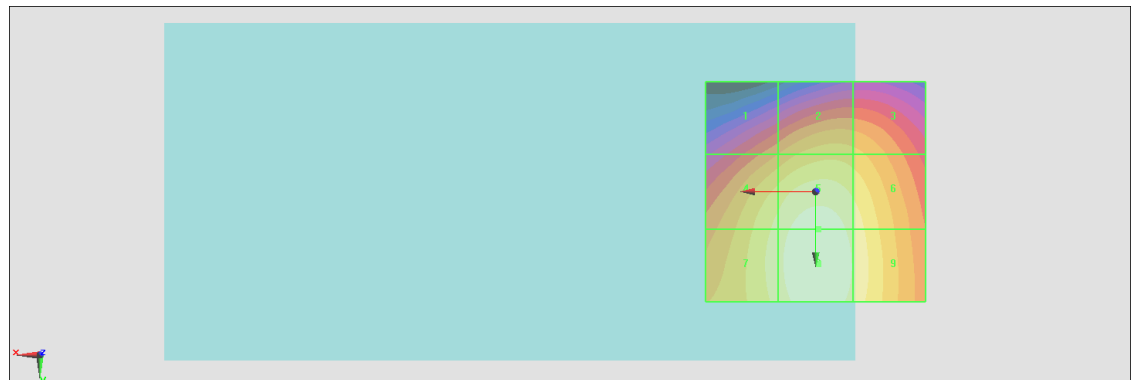
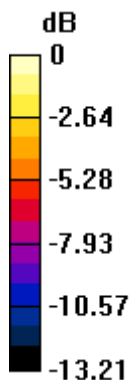
Grid 1 M3 30.22 dBV/m	Grid 2 M3 31.69 dBV/m	Grid 3 M3 31.43 dBV/m
Grid 4 M3 33.18 dBV/m	Grid 5 M3 34.22 dBV/m	Grid 6 M3 33.38 dBV/m
Grid 7 M3 33.46 dBV/m	Grid 8 M3 34.58 dBV/m	Grid 9 M3 33.65 dBV/m

Cursor:

Total = 34.58 dBV/m

E Category: M3

Location: -0.5, 16.5, 8.7 mm



0 dB = 53.61 V/m = 34.58 dBV/m

#14_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 : 23.6 °C

DASY5 Configuration

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2020/1/24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- 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 = 60.00 V/m; Power Drift = -0.02 dB

Applied MIF = 0.12 dB

RF audio interference level = 33.65 dBV/m

Emission category: M3

MIF scaled E-field

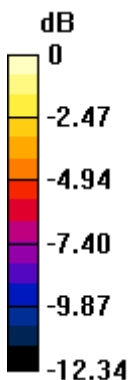
Grid 1 M4 29.87 dBV/m	Grid 2 M3 31.06 dBV/m	Grid 3 M3 30.64 dBV/m
Grid 4 M3 32.43 dBV/m	Grid 5 M3 33.39 dBV/m	Grid 6 M3 32.48 dBV/m
Grid 7 M3 32.58 dBV/m	Grid 8 M3 33.65 dBV/m	Grid 9 M3 32.72 dBV/m

Cursor:

Total = 33.65 dBV/m

E Category: M3

Location: 0, 16, 8.7 mm



0 dB = 48.14 V/m = 33.65 dBV/m