# #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, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**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 = 47.01 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 34.52 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **32.8 dBV/m** | Grid 2 **M4** **33.84 dBV/m** | Grid 3 **M4** **33.65 dBV/m** |
| Grid 4 **M4** **33.39 dBV/m** | Grid 5 **M4** **34.28 dBV/m** | Grid 6 **M4** **34.07 dBV/m** |
| Grid 7 **M4** **34.17 dBV/m** | Grid 8 **M4** **34.52 dBV/m** | Grid 9 **M4** **34.09 dBV/m** |

**Cursor:**
Total = 34.52 dBV/m
E Category: M4
Location: 0.5, 25, 8.7 mm


0 dB = 53.18 V/m = 34.51 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**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 = 50.31 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 35.53 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **33.23 dBV/m** | Grid 2 **M4** **34.1 dBV/m** | Grid 3 **M4** **33.85 dBV/m** |
| Grid 4 **M4** **34.18 dBV/m** | Grid 5 **M4** **34.81 dBV/m** | Grid 6 **M4** **34.48 dBV/m** |
| Grid 7 **M4** **35.3 dBV/m** | Grid 8 **M4** **35.53 dBV/m** | Grid 9 **M4** **34.7 dBV/m** |

**Cursor:**
Total = 35.53 dBV/m
E Category: M4
Location: 1.5, 25, 8.7 mm


0 dB = 59.75 V/m = 35.53 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, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**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 = 43.82 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 34.84 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **31.77 dBV/m** | Grid 2 **M4** **32.89 dBV/m** | Grid 3 **M4** **32.74 dBV/m** |
| Grid 4 **M4** **33.24 dBV/m** | Grid 5 **M4** **33.86 dBV/m** | Grid 6 **M4** **33.57 dBV/m** |
| Grid 7 **M4** **34.59 dBV/m** | Grid 8 **M4** **34.84 dBV/m** | Grid 9 **M4** **34.08 dBV/m** |

**Cursor:**
Total = 34.84 dBV/m
E Category: M4
Location: 1.5, 25, 8.7 mm


0 dB = 55.24 V/m = 34.85 dBV/m

# #04_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, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

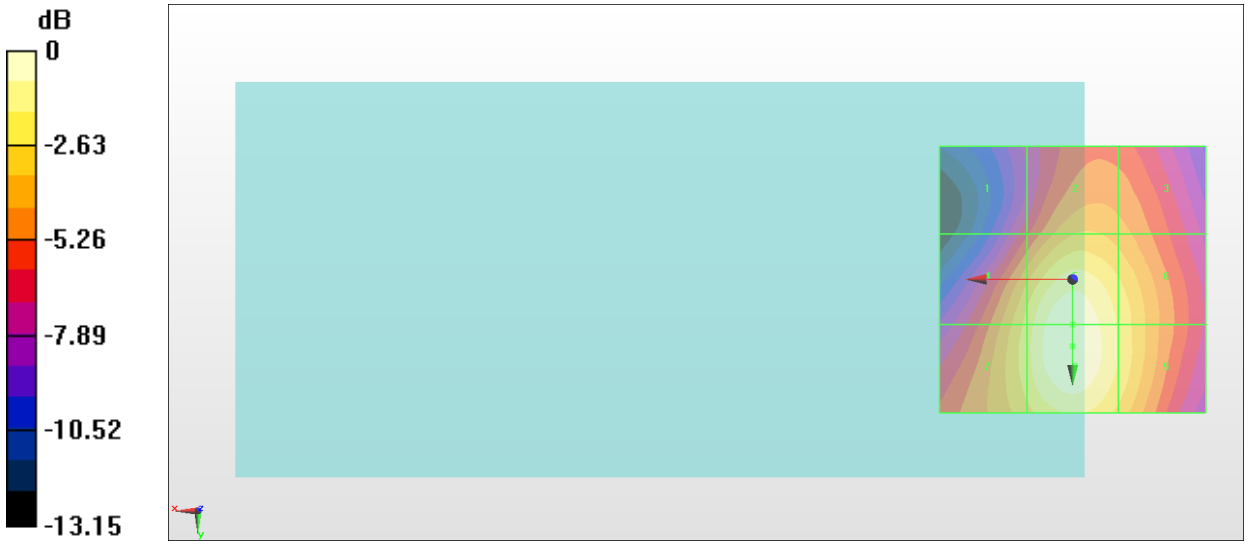
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**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 = 84.55 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.65 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **30.43 dBV/m** | Grid 2 **M4** **33.28 dBV/m** | Grid 3 **M4** **32.76 dBV/m** |
| Grid 4 **M4** **34.42 dBV/m** | Grid 5 **M4** **36.51 dBV/m** | Grid 6 **M4** **34.82 dBV/m** |
| Grid 7 **M4** **34.66 dBV/m** | Grid 8 **M4** **36.64 dBV/m** | Grid 9 **M4** **34.92 dBV/m** |

**Cursor:**
Total = 36.64 dBV/m
E Category: M4
Location: 0, 12.5, 8.7 mm




0 dB = 67.96 V/m = 36.65 dBV/m

# #05_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, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

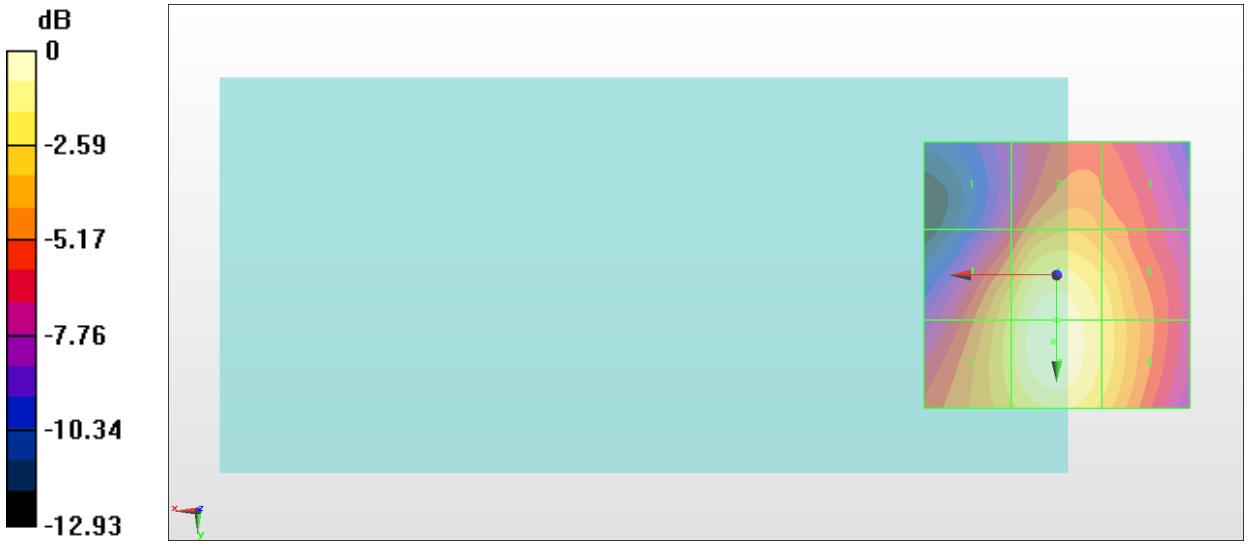
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**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 = 89.95 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 37.18 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **30.81 dBV/m** | Grid 2 **M4** **33.68 dBV/m** | Grid 3 **M4** **32.88 dBV/m** |
| Grid 4 **M4** **34.98 dBV/m** | Grid 5 **M4** **37.02 dBV/m** | Grid 6 **M4** **35.3 dBV/m** |
| Grid 7 **M4** **35.25 dBV/m** | Grid 8 **M4** **37.18 dBV/m** | Grid 9 **M4** **35.39 dBV/m** |

**Cursor:**
Total = 37.18 dBV/m
E Category: M4
Location: 0.5, 12.5, 8.7 mm




0 dB = 72.31 V/m = 37.18 dBV/m

# #06_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, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

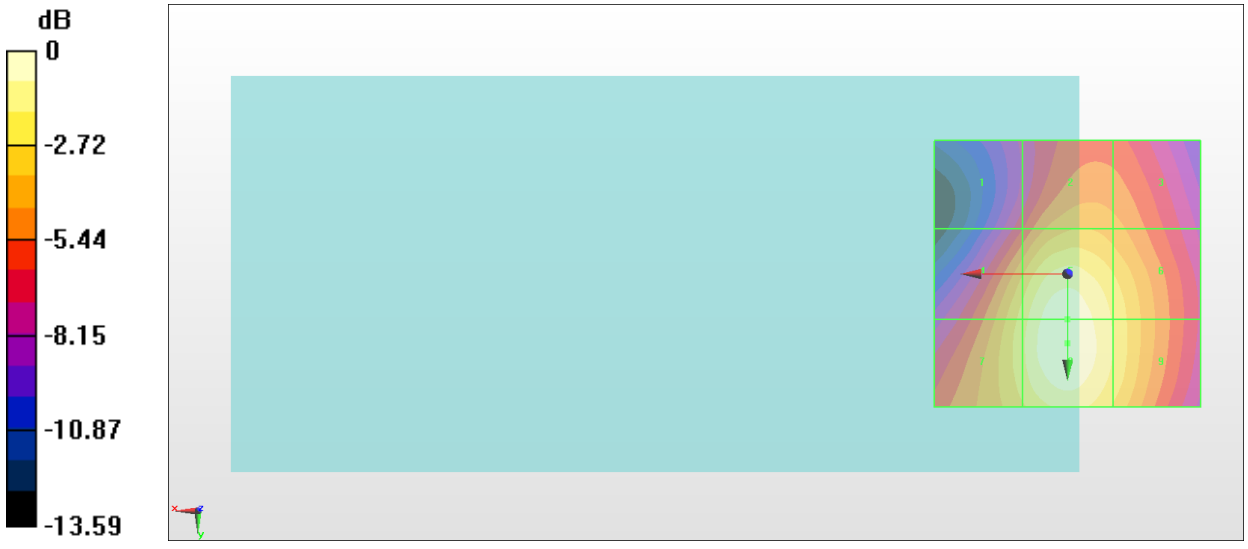
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**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 = 96.66 V/m; Power Drift = 0.16 dB
Applied MIF = 3.63 dB
RF audio interference level = 38.11 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **31.73 dBV/m** | Grid 2 **M4** **34.51 dBV/m** | Grid 3 **M4** **34.02 dBV/m** |
| Grid 4 **M4** **35.84 dBV/m** | Grid 5 **M4** **37.93 dBV/m** | Grid 6 **M4** **36.21 dBV/m** |
| Grid 7 **M4** **36.09 dBV/m** | Grid 8 **M4** **38.11 dBV/m** | Grid 9 **M4** **36.31 dBV/m** |

**Cursor:**
Total = 38.11 dBV/m
E Category: M4
Location: 0, 13, 8.7 mm




0 dB = 80.40 V/m = 38.11 dBV/m

## #07_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, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**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 = 19.01 V/m; Power Drift = 0.19 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.09 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **25.04 dBV/m** | Grid 2 **M4** **27.94 dBV/m** | Grid 3 **M4** **27.93 dBV/m** |
| Grid 4 **M4** **26.73 dBV/m** | Grid 5 **M4** **28.03 dBV/m** | Grid 6 **M4** **27.77 dBV/m** |
| Grid 7 **M4** **29.63 dBV/m** | Grid 8 **M3** **30.09 dBV/m** | Grid 9 **M4** **29.32 dBV/m** |

**Cursor:**
Total = 30.09 dBV/m
E Category: M3
Location: 1, 25, 8.7 mm


0 dB = 31.97 V/m = 30.09 dBV/m

# #08_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, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**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 = 19.82 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.14 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **24.85 dBV/m** | Grid 2 **M4** **27.81 dBV/m** | Grid 3 **M4** **27.81 dBV/m** |
| Grid 4 **M4** **26.99 dBV/m** | Grid 5 **M4** **28.02 dBV/m** | Grid 6 **M4** **27.74 dBV/m** |
| Grid 7 **M4** **29.74 dBV/m** | Grid 8 **M3** **30.14 dBV/m** | Grid 9 **M4** **29.28 dBV/m** |

**Cursor:**
Total = 30.14 dBV/m
E Category: M3
Location: 3, 25, 8.7 mm


0 dB = 32.15 V/m = 30.14 dBV/m

## #09_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, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**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 = 18.97 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.56 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **24.56 dBV/m** | Grid 2 **M4** **26.74 dBV/m** | Grid 3 **M4** **26.7 dBV/m** |
| Grid 4 **M4** **26.35 dBV/m** | Grid 5 **M4** **27.43 dBV/m** | Grid 6 **M4** **27.09 dBV/m** |
| Grid 7 **M4** **29.06 dBV/m** | Grid 8 **M4** **29.56 dBV/m** | Grid 9 **M4** **28.88 dBV/m** |

**Cursor:**
Total = 29.56 dBV/m
E Category: M4
Location: 1, 25, 8.7 mm


0 dB = 30.05 V/m = 29.56 dBV/m

## #10_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, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**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 = 29.77 V/m; Power Drift = 0.10 dB
Applied MIF = 3.63 dB
RF audio interference level = 34.01 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M3** **31.55 dBV/m** | Grid 2 **M3** **34.01 dBV/m** | Grid 3 **M3** **33.33 dBV/m** |
| Grid 4 **M4** **29.54 dBV/m** | Grid 5 **M3** **32.94 dBV/m** | Grid 6 **M3** **31.85 dBV/m** |
| Grid 7 **M3** **30.3 dBV/m** | Grid 8 **M3** **30.8 dBV/m** | Grid 9 **M3** **30.18 dBV/m** |

**Cursor:**
Total = 34.01 dBV/m
E Category: M3
Location: -4.5, -15.5, 8.7 mm


0 dB = 50.20 V/m = 34.01 dBV/m

# #11_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, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**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 = 33.29 V/m; Power Drift = 0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 34.53 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M3** **32.27 dBV/m** | Grid 2 **M3** **34.53 dBV/m** | Grid 3 **M3** **34.16 dBV/m** |
| Grid 4 **M3** **30.19 dBV/m** | Grid 5 **M3** **32.56 dBV/m** | Grid 6 **M3** **32.4 dBV/m** |
| Grid 7 **M3** **30.11 dBV/m** | Grid 8 **M3** **31.1 dBV/m** | Grid 9 **M3** **31.02 dBV/m** |

**Cursor:**
Total = 34.53 dBV/m
E Category: M3
Location: -3, -25, 8.7 mm


0 dB = 53.30 V/m = 34.53 dBV/m

## #12_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, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**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 = 32.66 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 33.94 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M3** **31.87 dBV/m** | Grid 2 **M3** **33.94 dBV/m** | Grid 3 **M3** **33.42 dBV/m** |
| Grid 4 **M4** **29.88 dBV/m** | Grid 5 **M3** **32.11 dBV/m** | Grid 6 **M3** **32 dBV/m** |
| Grid 7 **M4** **29.86 dBV/m** | Grid 8 **M3** **30.86 dBV/m** | Grid 9 **M3** **30.82 dBV/m** |

**Cursor:**
Total = 33.94 dBV/m
E Category: M3
Location: -3, -25, 8.7 mm


0 dB = 49.75 V/m = 33.94 dBV/m

# #13_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40140

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2545 MHz;Duty Cycle: 1:8.33681
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2545 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

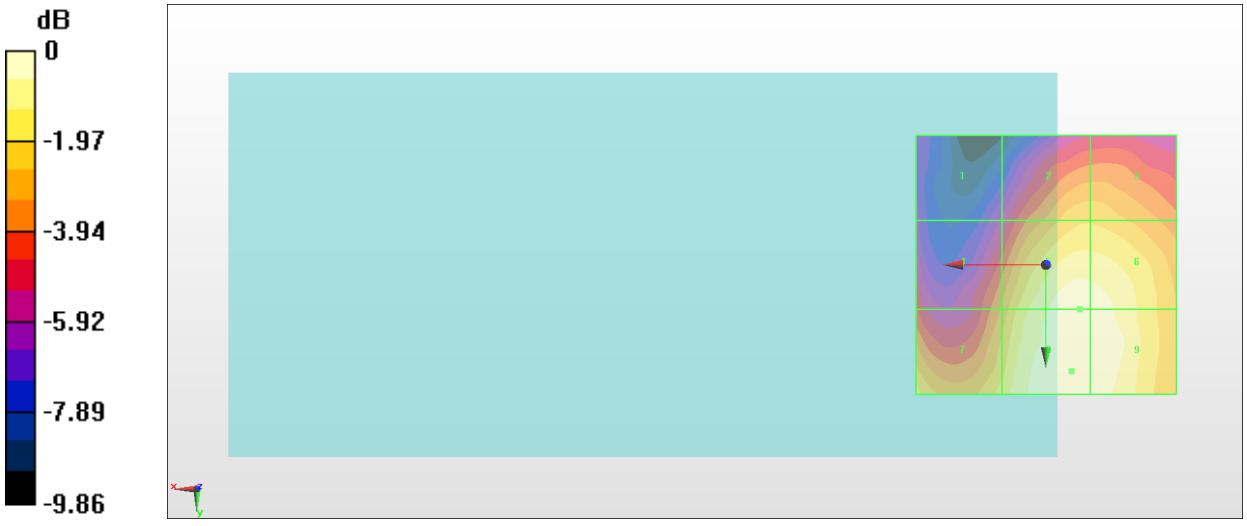
## E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 20.27 V/m; Power Drift = -0.05 dB
Applied MIF = -1.62 dB
RF audio interference level = 23.49 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **17.79 dBV/m** | Grid 2 **M4** **21.46 dBV/m** | Grid 3 **M4** **21.45 dBV/m** |
| Grid 4 **M4** **20.35 dBV/m** | Grid 5 **M4** **23.25 dBV/m** | Grid 6 **M4** **23.21 dBV/m** |
| Grid 7 **M4** **21.9 dBV/m** | Grid 8 **M4** **23.49 dBV/m** | Grid 9 **M4** **23.33 dBV/m** |

**Cursor:**
Total = 23.49 dBV/m
E Category: M4
Location: -5, 20.5, 8.7 mm




0 dB = 14.95 V/m = 23.49 dBV/m

# #14_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40400

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2571 MHz;Duty Cycle: 1:8.33681
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2571 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

## 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 = 19.16 V/m; Power Drift = 0.17 dB
Applied MIF = -1.62 dB
RF audio interference level = 24.50 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **18.86 dBV/m** | Grid 2 **M4** **21.99 dBV/m** | Grid 3 **M4** **22.01 dBV/m** |
| Grid 4 **M4** **20.88 dBV/m** | Grid 5 **M4** **23.34 dBV/m** | Grid 6 **M4** **23.29 dBV/m** |
| Grid 7 **M4** **23.64 dBV/m** | Grid 8 **M4** **24.5 dBV/m** | Grid 9 **M4** **24.06 dBV/m** |

**Cursor:**
Total = 24.50 dBV/m
E Category: M4
Location: -1, 25, 8.7 mm


0 dB = 16.78 V/m = 24.50 dBV/m

## #15_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40670

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2598 MHz;Duty Cycle: 1:8.33681
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2598 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

### 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 = 21.61 V/m; Power Drift = -0.05 dB
Applied MIF = -1.62 dB
RF audio interference level = 24.14 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **18.98 dBV/m** | Grid 2 **M4** **22.69 dBV/m** | Grid 3 **M4** **22.69 dBV/m** |
| Grid 4 **M4** **21.02 dBV/m** | Grid 5 **M4** **23.72 dBV/m** | Grid 6 **M4** **23.64 dBV/m** |
| Grid 7 **M4** **23.02 dBV/m** | Grid 8 **M4** **24.14 dBV/m** | Grid 9 **M4** **23.84 dBV/m** |

**Cursor:**
Total = 24.14 dBV/m
E Category: M4
Location: -1.5, 25, 8.7 mm


0 dB = 16.10 V/m = 24.14 dBV/m

# #16_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41140

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2645 MHz;Duty Cycle: 1:8.33681
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2645 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

## 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 = 21.02 V/m; Power Drift = -0.09 dB
Applied MIF = -1.62 dB
RF audio interference level = 24.49 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **19.63 dBV/m** | Grid 2 **M4** **22.66 dBV/m** | Grid 3 **M4** **22.66 dBV/m** |
| Grid 4 **M4** **20.5 dBV/m** | Grid 5 **M4** **23.76 dBV/m** | Grid 6 **M4** **23.56 dBV/m** |
| Grid 7 **M4** **23.1 dBV/m** | Grid 8 **M4** **24.49 dBV/m** | Grid 9 **M4** **24.25 dBV/m** |

**Cursor:**
Total = 24.49 dBV/m
E Category: M4
Location: -4.5, 25, 8.7 mm


0 dB = 16.76 V/m = 24.49 dBV/m

# #17_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40140

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2545 MHz;Duty Cycle: 1:8.33681
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2545 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

## 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 = 35.31 V/m; Power Drift = 0.09 dB
Applied MIF = -1.62 dB
RF audio interference level = 29.26 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **28.5 dBV/m** | Grid 2 **M4** **29.26 dBV/m** | Grid 3 **M4** **27.11 dBV/m** |
| Grid 4 **M4** **27.83 dBV/m** | Grid 5 **M4** **28.23 dBV/m** | Grid 6 **M4** **25.94 dBV/m** |
| Grid 7 **M4** **23.23 dBV/m** | Grid 8 **M4** **23.58 dBV/m** | Grid 9 **M4** **23.22 dBV/m** |

**Cursor:**
Total = 29.26 dBV/m
E Category: M4
Location: 1, -15.5, 8.7 mm


0 dB = 29.05 V/m = 29.26 dBV/m

# #18_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40400

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2571 MHz;Duty Cycle: 1:8.33681
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2571 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

## 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 = 40.39 V/m; Power Drift = 0.07 dB
Applied MIF = -1.62 dB
RF audio interference level = 30.00 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **29.29 dBV/m** | Grid 2 **M3** **30 dBV/m** | Grid 3 **M4** **28.61 dBV/m** |
| Grid 4 **M4** **28.73 dBV/m** | Grid 5 **M4** **29.32 dBV/m** | Grid 6 **M4** **27.9 dBV/m** |
| Grid 7 **M4** **24.14 dBV/m** | Grid 8 **M4** **24.96 dBV/m** | Grid 9 **M4** **24.93 dBV/m** |

**Cursor:**
Total = 30.00 dBV/m
E Category: M3
Location: 1, -19.5, 8.7 mm


0 dB = 31.63 V/m = 30.00 dBV/m

# #19_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40670

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2598 MHz;Duty Cycle: 1:8.33681
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2598 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

## 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 = 40.58 V/m; Power Drift = 0.08 dB
Applied MIF = -1.62 dB
RF audio interference level = 29.82 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **28.93 dBV/m** | Grid 2 **M4** **29.82 dBV/m** | Grid 3 **M4** **28.99 dBV/m** |
| Grid 4 **M4** **28.32 dBV/m** | Grid 5 **M4** **29.03 dBV/m** | Grid 6 **M4** **28.15 dBV/m** |
| Grid 7 **M4** **24.67 dBV/m** | Grid 8 **M4** **25.79 dBV/m** | Grid 9 **M4** **25.78 dBV/m** |

**Cursor:**
Total = 29.82 dBV/m
E Category: M4
Location: 0, -20, 8.7 mm


0 dB = 30.98 V/m = 29.82 dBV/m

## #20_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41140

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2645 MHz;Duty Cycle: 1:8.33681
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2645 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn914; Calibrated: 2019/6/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

### 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 = 41.98 V/m; Power Drift = 0.07 dB
Applied MIF = -1.62 dB
RF audio interference level = 30.11 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **28.97 dBV/m** | Grid 2 **M3** **30.11 dBV/m** | Grid 3 **M4** **29.04 dBV/m** |
| Grid 4 **M4** **28.52 dBV/m** | Grid 5 **M4** **29.24 dBV/m** | Grid 6 **M4** **28.38 dBV/m** |
| Grid 7 **M4** **24.77 dBV/m** | Grid 8 **M4** **26.18 dBV/m** | Grid 9 **M4** **26.18 dBV/m** |

**Cursor:**
Total = 30.11 dBV/m
E Category: M3
Location: 0.5, -20, 8.7 mm


0 dB = 32.04 V/m = 30.11 dBV/m

# #21_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch1;Ant 1+2

Communication System: 802.11g ; Frequency: 2412 MHz;Duty Cycle: 1:12.5893
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

## 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 = 38.50 V/m; Power Drift = 0.08 dB
Applied MIF = 0.12 dB
RF audio interference level = 29.37 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **27.51 dBV/m** | Grid 2 **M4** **28.67 dBV/m** | Grid 3 **M4** **27.98 dBV/m** |
| Grid 4 **M4** **28.95 dBV/m** | Grid 5 **M4** **29.3 dBV/m** | Grid 6 **M4** **27.79 dBV/m** |
| Grid 7 **M4** **29.07 dBV/m** | Grid 8 **M4** **29.37 dBV/m** | Grid 9 **M4** **27.7 dBV/m** |

**Cursor:**
Total = 29.37 dBV/m
E Category: M4
Location: 3, 13, 8.7 mm


0 dB = 29.40 V/m = 29.37 dBV/m

# #22_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch6;Ant 1+2

Communication System: 802.11g ; Frequency: 2437 MHz;Duty Cycle: 1:12.5893
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

## 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 = 38.64 V/m; Power Drift = 0.01 dB
Applied MIF = 0.12 dB
RF audio interference level = 29.39 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **27.52 dBV/m** | Grid 2 **M4** **28.65 dBV/m** | Grid 3 **M4** **28 dBV/m** |
| Grid 4 **M4** **28.96 dBV/m** | Grid 5 **M4** **29.34 dBV/m** | Grid 6 **M4** **27.82 dBV/m** |
| Grid 7 **M4** **29.1 dBV/m** | Grid 8 **M4** **29.39 dBV/m** | Grid 9 **M4** **27.73 dBV/m** |

**Cursor:**
Total = 29.39 dBV/m
E Category: M4
Location: 3, 12, 8.7 mm


0 dB = 29.47 V/m = 29.39 dBV/m

## #23_HAC_E_WLAN2.4GHz_802.11g 6Mbps_Ch11;Ant 1+2

Communication System: 802.11g ; Frequency: 2462 MHz;Duty Cycle: 1:12.5893
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.6 ℃

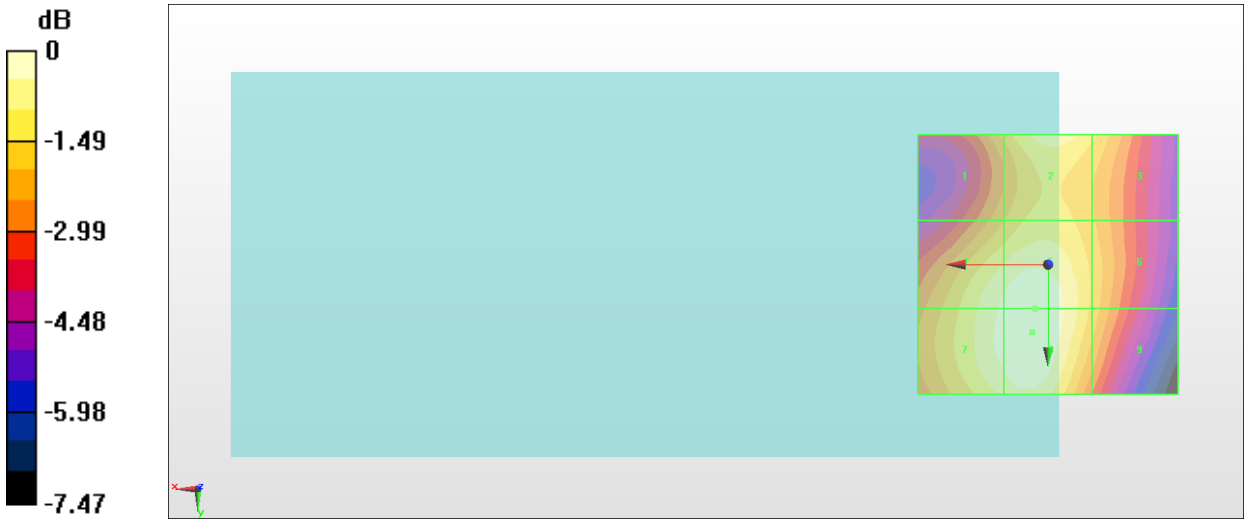
DASY5 Configuration:
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2019/1/30
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

**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 = 38.53 V/m; Power Drift = 0.04 dB
Applied MIF = 0.12 dB
RF audio interference level = 29.35 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **27.56 dBV/m** | Grid 2 **M4** **28.65 dBV/m** | Grid 3 **M4** **27.98 dBV/m** |
| Grid 4 **M4** **28.97 dBV/m** | Grid 5 **M4** **29.29 dBV/m** | Grid 6 **M4** **27.78 dBV/m** |
| Grid 7 **M4** **29.06 dBV/m** | Grid 8 **M4** **29.35 dBV/m** | Grid 9 **M4** **27.71 dBV/m** |

**Cursor:**
Total = 29.35 dBV/m
E Category: M4
Location: 3, 13, 8.7 mm




0 dB = 29.34 V/m = 29.35 dBV/m