# #01_HAC_E_GSM850_Voice_Ch128;Ant 0

Communication System:GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz;Duty Cycle: 1:8.69961
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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 54.60 V/m; Power Drift = -0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 35.57 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **34.71 dBV/m** | Grid 2 **M4** **35.57 dBV/m** | Grid 3 **M4** **35.25 dBV/m** |
| Grid 4 **M4** **34.77 dBV/m** | Grid 5 **M4** **35.53 dBV/m** | Grid 6 **M4** **35.14 dBV/m** |
| Grid 7 **M4** **35.05 dBV/m** | Grid 8 **M4** **35.52 dBV/m** | Grid 9 **M4** **35.07 dBV/m** |

**Cursor:**
Total = 35.57 dBV/m
E Category: M4
Location: -2.5, -20.5, 8.7 mm


0 dB = 60.07 V/m = 35.57 dBV/m

# #02_HAC_E_GSM850_Voice_Ch189;Ant 0

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz;Duty Cycle: 1:8.69961
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

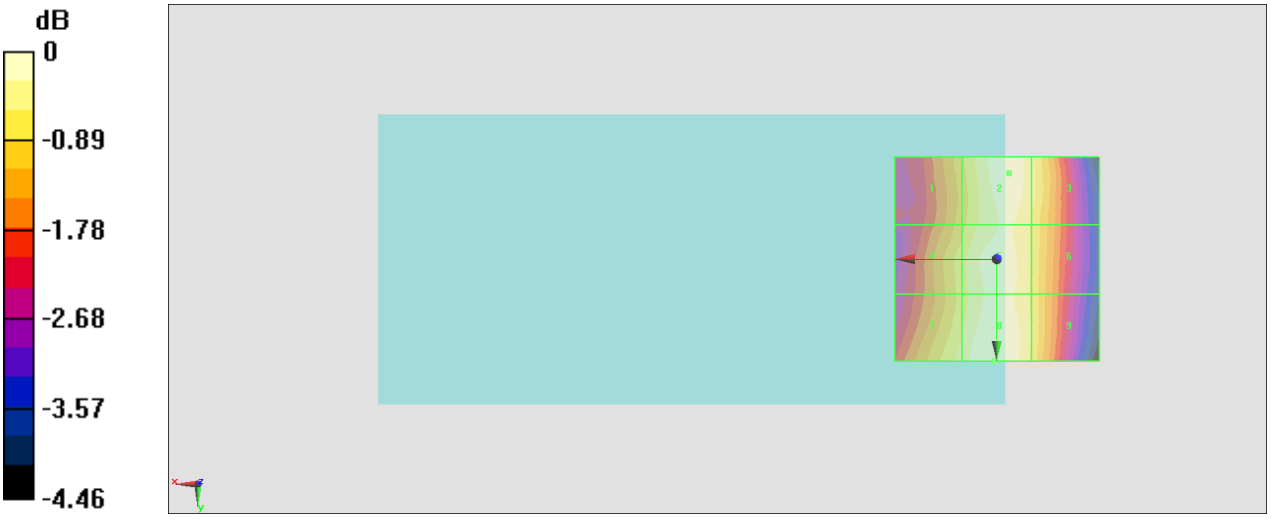
DASY5 Configuration
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 836.4 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (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 = 55.44 V/m; Power Drift = -0.07 dB
Applied MIF = 3.63 dB
RF audio interference level = 35.83 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **34.88 dBV/m** | Grid 2 **M4** **35.72 dBV/m** | Grid 3 **M4** **35.37 dBV/m** |
| Grid 4 **M4** **35.15 dBV/m** | Grid 5 **M4** **35.68 dBV/m** | Grid 6 **M4** **35.2 dBV/m** |
| Grid 7 **M4** **35.38 dBV/m** | Grid 8 **M4** **35.83 dBV/m** | Grid 9 **M4** **35.22 dBV/m** |

**Cursor:**
Total = 35.83 dBV/m
E Category: M4
Location: 0.5, 25, 8.7 mm




0 dB = 61.86 V/m = 35.83 dBV/m

# #03_HAC_E_GSM850_Voice_Ch251;Ant 0

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz;Duty Cycle: 1:8.69961
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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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)

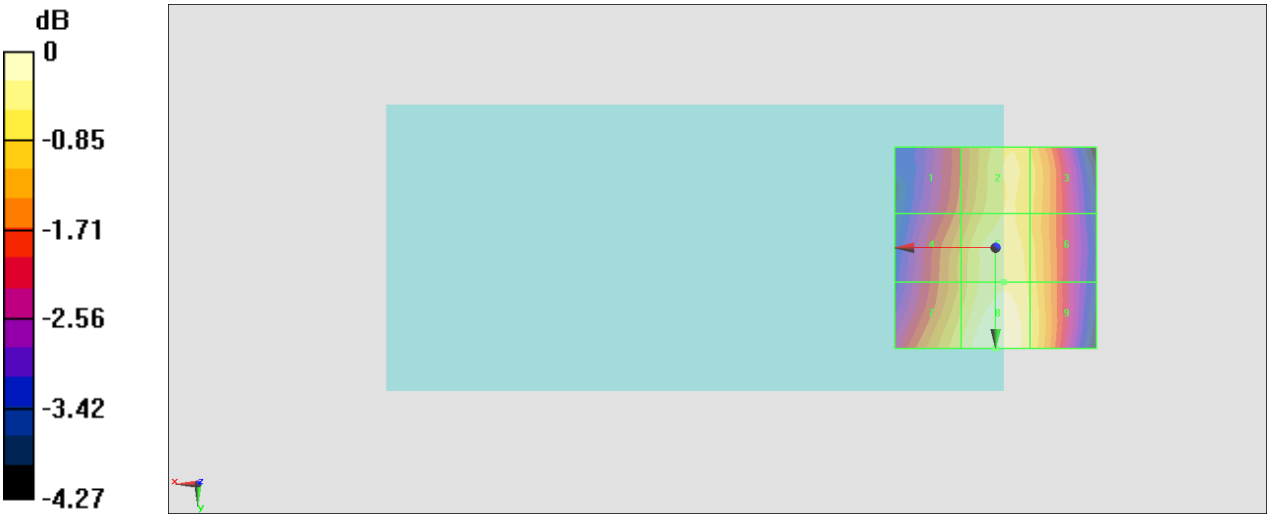
## E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 57.68 V/m; Power Drift = -0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.43 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **34.95 dBV/m** | Grid 2 **M4** **35.92 dBV/m** | Grid 3 **M4** **35.72 dBV/m** |
| Grid 4 **M4** **35.42 dBV/m** | Grid 5 **M4** **36.11 dBV/m** | Grid 6 **M4** **35.79 dBV/m** |
| Grid 7 **M4** **35.89 dBV/m** | Grid 8 **M4** **36.43 dBV/m** | Grid 9 **M4** **35.94 dBV/m** |

**Cursor:**
Total = 36.43 dBV/m
E Category: M4
Location: 0, 25, 8.7 mm




0 dB = 66.33 V/m = 36.43 dBV/m

# #04_HAC_E_GSM850_Voice_Ch128;Ant 1

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz;Duty Cycle: 1:8.69961
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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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)

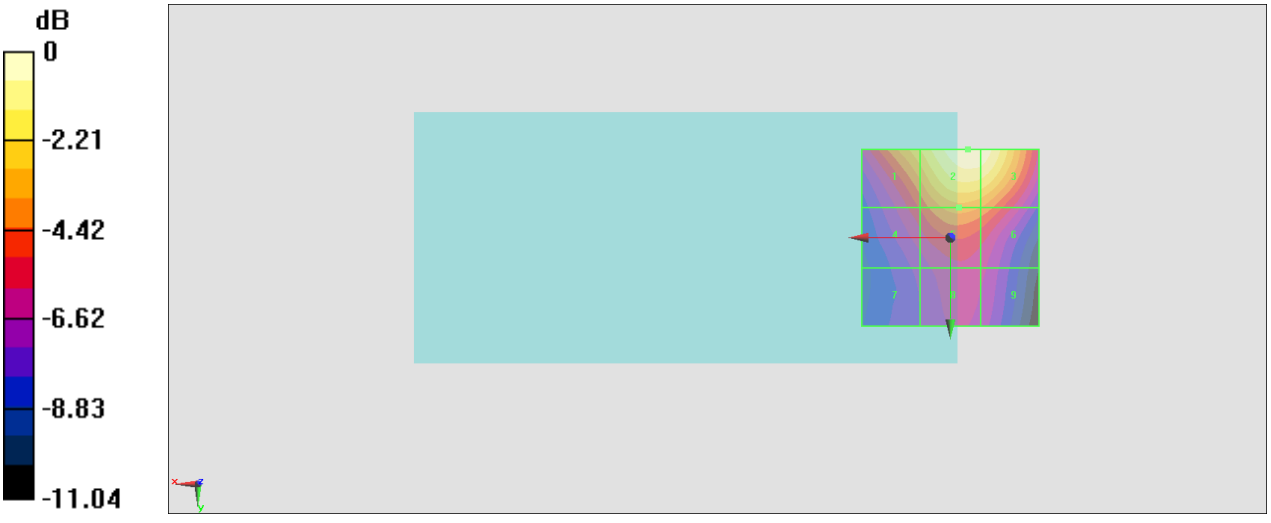
## E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 74.04 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 42.60 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M3** **40.43 dBV/m** | Grid 2 **M3** **42.6 dBV/m** | Grid 3 **M3** **42.48 dBV/m** |
| Grid 4 **M4** **37.59 dBV/m** | Grid 5 **M4** **39.35 dBV/m** | Grid 6 **M4** **38.93 dBV/m** |
| Grid 7 **M4** **35.61 dBV/m** | Grid 8 **M4** **36.59 dBV/m** | Grid 9 **M4** **36.26 dBV/m** |

**Cursor:**
Total = 42.60 dBV/m
E Category: M3
Location: -5, -25, 8.7 mm




0 dB = 135.0 V/m = 42.61 dBV/m

# #05_HAC_E_GSM850_Voice_Ch189;Ant 1

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 836.4 MHz;Duty Cycle: 1:8.69961
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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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)

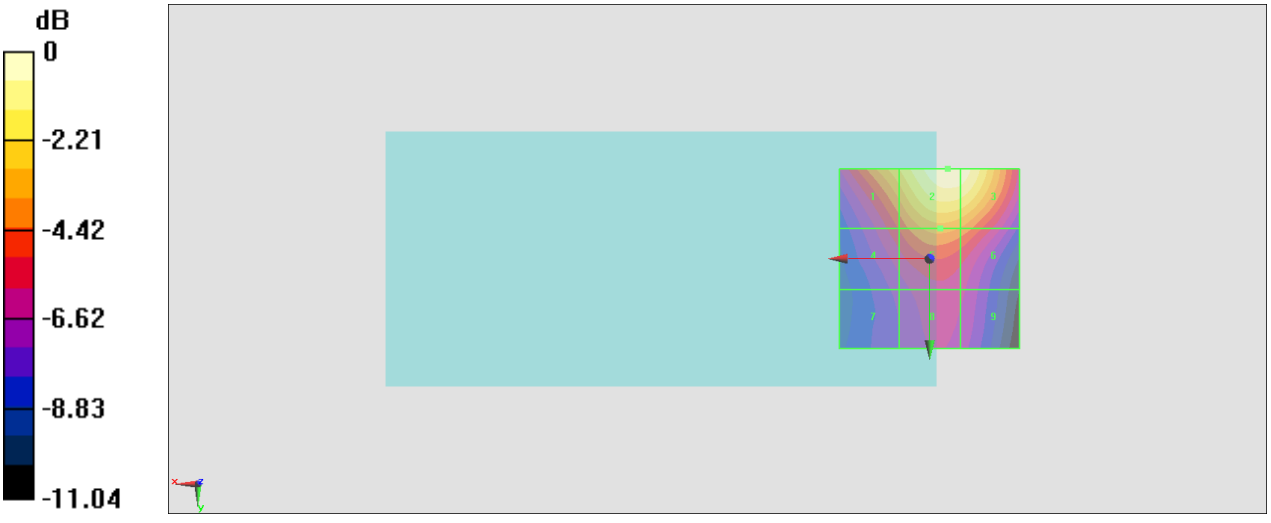
## E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 73.76 V/m; Power Drift = -0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 42.64 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M3** **40.46 dBV/m** | Grid 2 **M3** **42.64 dBV/m** | Grid 3 **M3** **42.47 dBV/m** |
| Grid 4 **M4** **37.59 dBV/m** | Grid 5 **M4** **39.36 dBV/m** | Grid 6 **M4** **38.93 dBV/m** |
| Grid 7 **M4** **35.65 dBV/m** | Grid 8 **M4** **36.59 dBV/m** | Grid 9 **M4** **36.26 dBV/m** |

**Cursor:**
Total = 42.64 dBV/m
E Category: M3
Location: -5, -25, 8.7 mm




0 dB = 135.6 V/m = 42.65 dBV/m

# #06_HAC_E_GSM850_Voice_Ch251;Ant 1

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 848.8 MHz;Duty Cycle: 1:8.69961
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

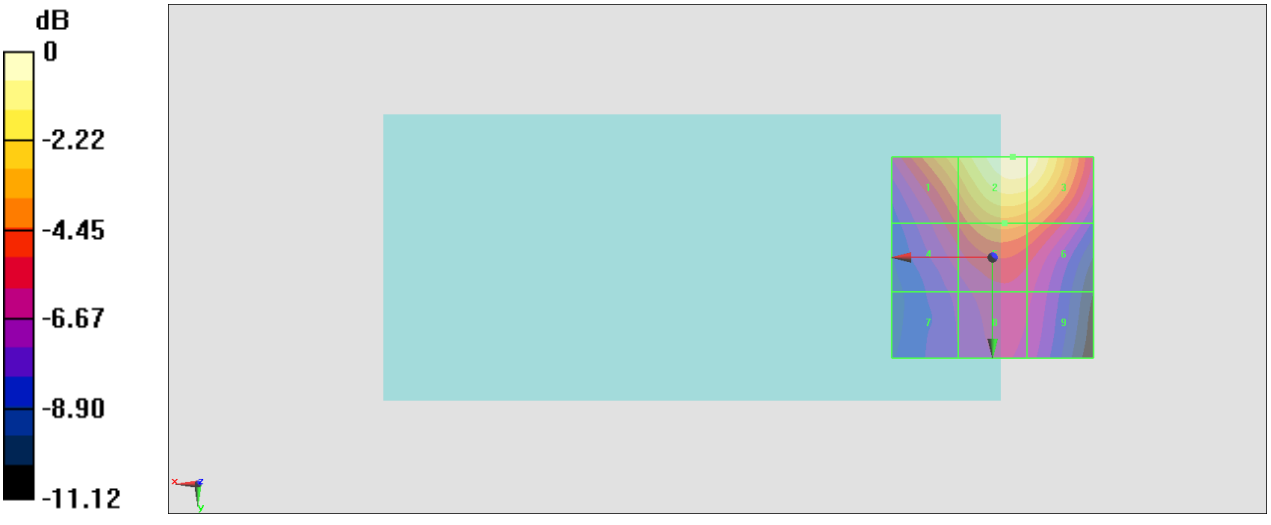
DASY5 Configuration
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 848.8 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (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 = 73.81 V/m; Power Drift = -0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 42.66 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M3** **40.46 dBV/m** | Grid 2 **M3** **42.66 dBV/m** | Grid 3 **M3** **42.5 dBV/m** |
| Grid 4 **M4** **37.6 dBV/m** | Grid 5 **M4** **39.37 dBV/m** | Grid 6 **M4** **38.95 dBV/m** |
| Grid 7 **M4** **35.61 dBV/m** | Grid 8 **M4** **36.59 dBV/m** | Grid 9 **M4** **36.26 dBV/m** |

**Cursor:**
Total = 42.66 dBV/m
E Category: M3
Location: -5, -25, 8.7 mm




0 dB = 135.9 V/m = 42.66 dBV/m

# #07_HAC_E_GSM1900_Voice_Ch512;Ant 0

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz;Duty Cycle: 1:8.69961
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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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)

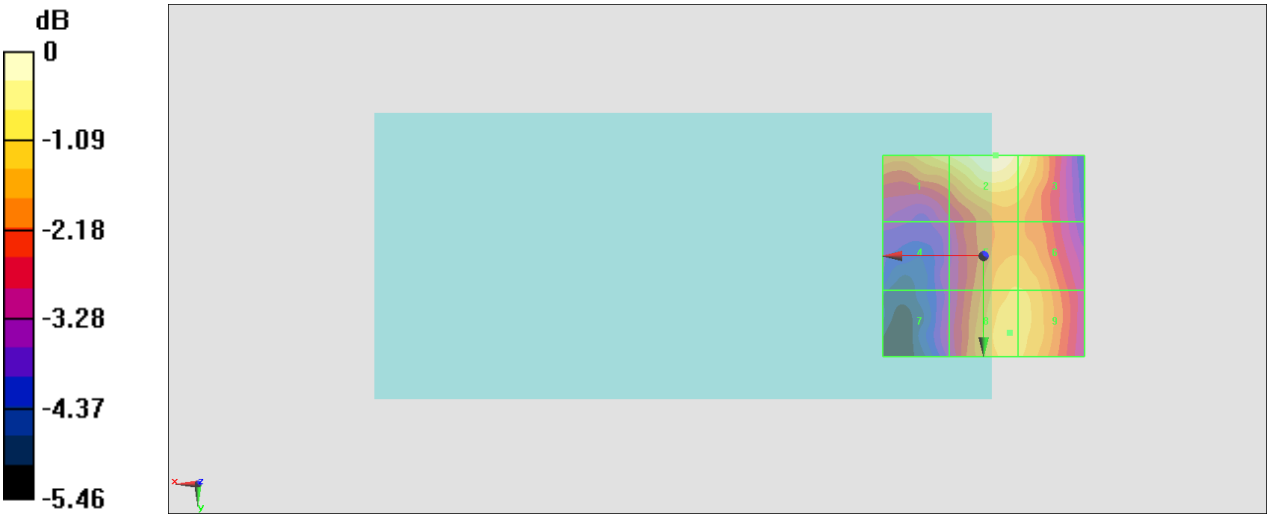
## E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 30.60 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 31.66 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M3** **30.97 dBV/m** | Grid 2 **M3** **31.66 dBV/m** | Grid 3 **M3** **31.19 dBV/m** |
| Grid 4 **M4** **28.63 dBV/m** | Grid 5 **M3** **30.61 dBV/m** | Grid 6 **M3** **30.61 dBV/m** |
| Grid 7 **M4** **28.55 dBV/m** | Grid 8 **M3** **30.82 dBV/m** | Grid 9 **M3** **30.78 dBV/m** |

**Cursor:**
Total = 31.66 dBV/m
E Category: M3
Location: -3, -25, 8.7 mm




0 dB = 38.27 V/m = 31.66 dBV/m

# #08_HAC_E_GSM1900_Voice_Ch661;Ant 0

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz;Duty Cycle: 1:8.69961
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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 27.23 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 31.64 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M3** **30.93 dBV/m** | Grid 2 **M3** **31.64 dBV/m** | Grid 3 **M3** **31.14 dBV/m** |
| Grid 4 **M4** **28.44 dBV/m** | Grid 5 **M3** **30.58 dBV/m** | Grid 6 **M3** **30.57 dBV/m** |
| Grid 7 **M4** **28.28 dBV/m** | Grid 8 **M3** **30.79 dBV/m** | Grid 9 **M3** **30.75 dBV/m** |

**Cursor:**
Total = 31.64 dBV/m
E Category: M3
Location: -2.5, -25, 8.7 mm


0 dB = 38.20 V/m = 31.64 dBV/m

# #09_HAC_E_GSM1900_Voice_Ch810;Ant 0

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz;Duty Cycle: 1:8.69961
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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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)

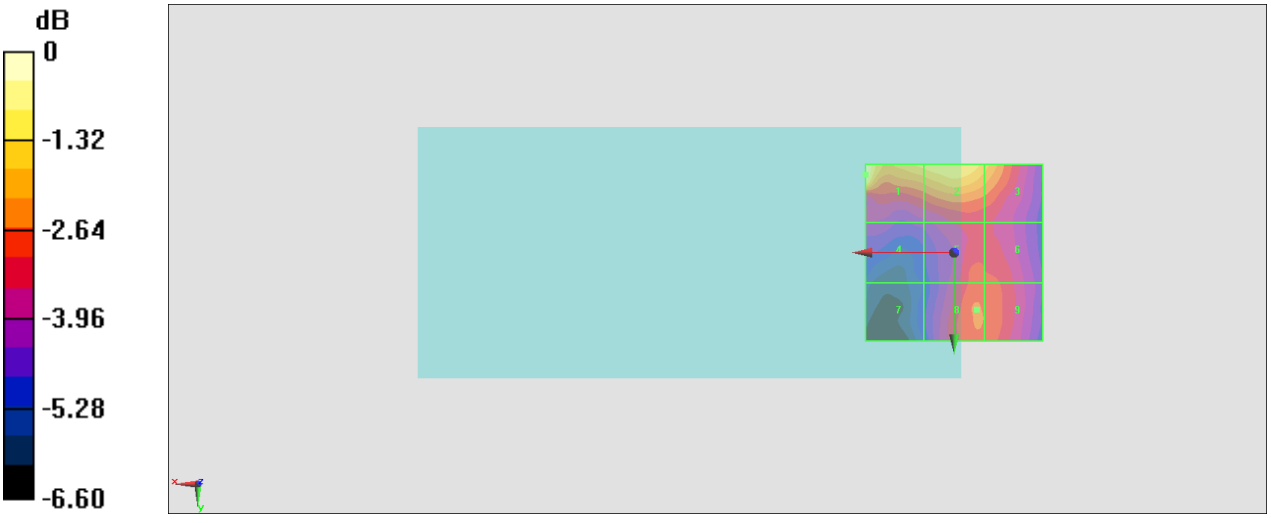
## E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 27.57 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 32.44 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M3** **32.44 dBV/m** | Grid 2 **M3** **31.58 dBV/m** | Grid 3 **M3** **30.94 dBV/m** |
| Grid 4 **M4** **28.6 dBV/m** | Grid 5 **M4** **29.6 dBV/m** | Grid 6 **M4** **29.6 dBV/m** |
| Grid 7 **M4** **27.55 dBV/m** | Grid 8 **M4** **29.86 dBV/m** | Grid 9 **M4** **29.8 dBV/m** |

**Cursor:**
Total = 32.44 dBV/m
E Category: M3
Location: 25, -22, 8.7 mm




0 dB = 41.88 V/m = 32.44 dBV/m

# #10_HAC_E_GSM1900_Voice_Ch512;Ant 2

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz;Duty Cycle: 1:8.69961
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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 16.81 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.82 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **27.34 dBV/m** | Grid 2 **M4** **23.31 dBV/m** | Grid 3 **M4** **23.23 dBV/m** |
| Grid 4 **M4** **24.56 dBV/m** | Grid 5 **M4** **25.79 dBV/m** | Grid 6 **M4** **25.79 dBV/m** |
| Grid 7 **M4** **27.35 dBV/m** | Grid 8 **M4** **27.82 dBV/m** | Grid 9 **M4** **27.41 dBV/m** |

**Cursor:**
Total = 27.82 dBV/m
E Category: M4
Location: 1, 25, 8.7 mm


0 dB = 24.61 V/m = 27.82 dBV/m

# #11_HAC_E_GSM1900_Voice_Ch661;Ant 2

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz;Duty Cycle: 1:8.69961
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m$^3$
Ambient Temperature：23.5 ℃

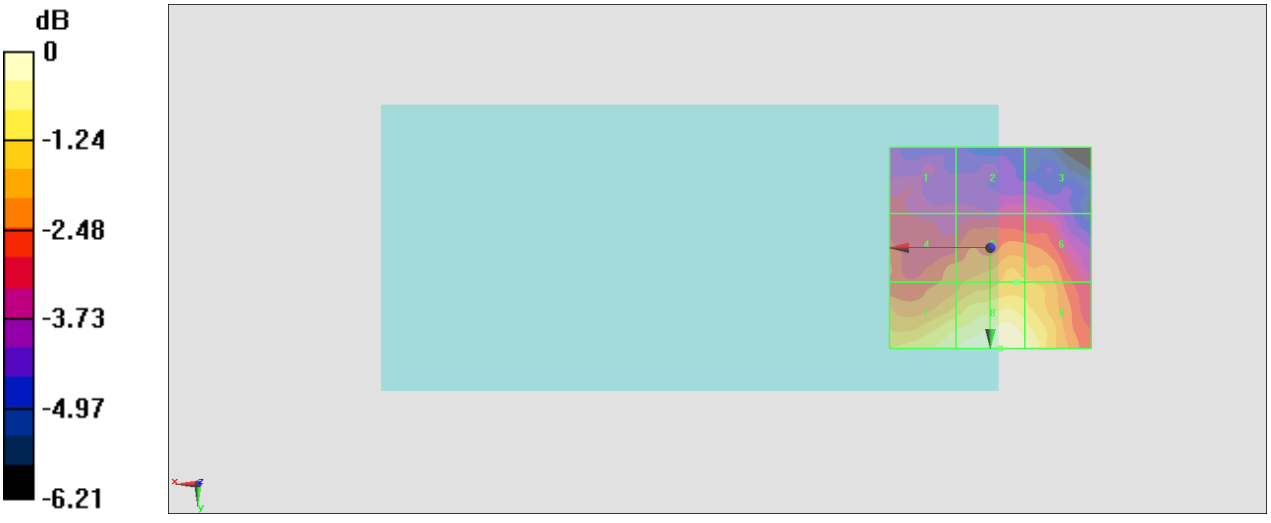
DASY5 Configuration
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (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 = 15.43 V/m; Power Drift = -0.09 dB
Applied MIF = 3.63 dB
RF audio interference level = 26.50 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **23.53 dBV/m** | Grid 2 **M4** **23.12 dBV/m** | Grid 3 **M4** **23.1 dBV/m** |
| Grid 4 **M4** **24.27 dBV/m** | Grid 5 **M4** **24.98 dBV/m** | Grid 6 **M4** **24.94 dBV/m** |
| Grid 7 **M4** **26.02 dBV/m** | Grid 8 **M4** **26.5 dBV/m** | Grid 9 **M4** **26.31 dBV/m** |

**Cursor:**
Total = 26.50 dBV/m
E Category: M4
Location: -2.5, 25, 8.7 mm




0 dB = 21.14 V/m = 26.50 dBV/m

# #12_HAC_E_GSM1900_Voice_Ch810;Ant 2

Communication System: GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz;Duty Cycle: 1:8.69961
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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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)

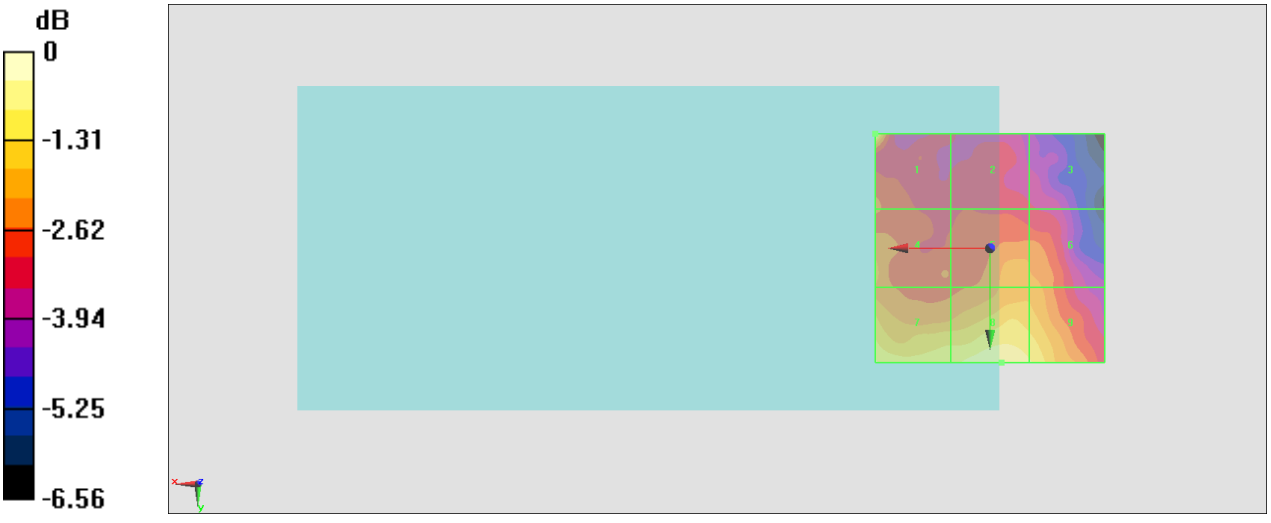
## E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 14.90 V/m; Power Drift = -0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 25.85 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **25.85 dBV/m** | Grid 2 **M4** **22.8 dBV/m** | Grid 3 **M4** **22.49 dBV/m** |
| Grid 4 **M4** **23.83 dBV/m** | Grid 5 **M4** **24.09 dBV/m** | Grid 6 **M4** **23.94 dBV/m** |
| Grid 7 **M4** **25.04 dBV/m** | Grid 8 **M4** **25.35 dBV/m** | Grid 9 **M4** **25.04 dBV/m** |

**Cursor:**
Total = 25.85 dBV/m
E Category: M4
Location: 25, -25, 8.7 mm




0 dB = 19.60 V/m = 25.85 dBV/m

# #13_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch39750;Ant 0

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz;Duty Cycle: 1:8.8736
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) @ 2506 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 11.89 V/m; Power Drift = -0.10 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.63 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **21.37 dBV/m** | Grid 2 **M4** **23.63 dBV/m** | Grid 3 **M4** **23.48 dBV/m** |
| Grid 4 **M4** **17.34 dBV/m** | Grid 5 **M4** **20.88 dBV/m** | Grid 6 **M4** **20.94 dBV/m** |
| Grid 7 **M4** **16.87 dBV/m** | Grid 8 **M4** **19.53 dBV/m** | Grid 9 **M4** **19.69 dBV/m** |

**Cursor:**
Total = 23.63 dBV/m
E Category: M4
Location: -5.5, -25, 8.7 mm


0 dB = 15.18 V/m = 23.63 dBV/m

# #14_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40185;Ant 0

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz;Duty Cycle: 1:8.8736
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) @ 2549.5 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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)

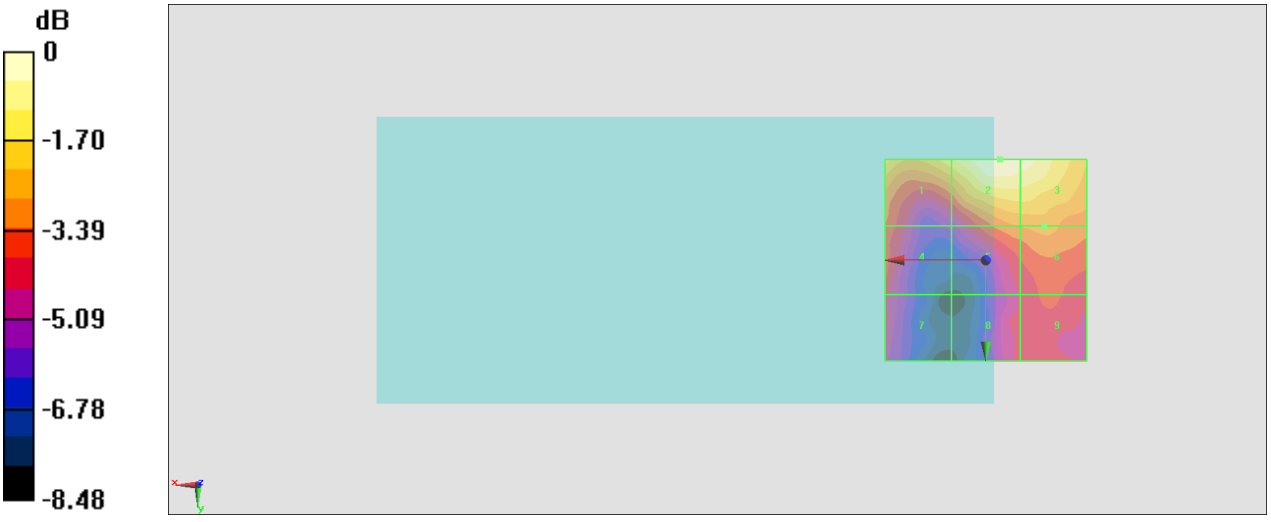
## E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 10.52 V/m; Power Drift = -0.07 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.99 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **21.8 dBV/m** | Grid 2 **M4** **22.99 dBV/m** | Grid 3 **M4** **22.78 dBV/m** |
| Grid 4 **M4** **19.59 dBV/m** | Grid 5 **M4** **20.2 dBV/m** | Grid 6 **M4** **20.43 dBV/m** |
| Grid 7 **M4** **18.72 dBV/m** | Grid 8 **M4** **18.75 dBV/m** | Grid 9 **M4** **19.16 dBV/m** |

**Cursor:**
Total = 22.99 dBV/m
E Category: M4
Location: -3.5, -25, 8.7 mm




0 dB = 14.12 V/m = 23.00 dBV/m

# #15_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40620;Ant 0

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz;Duty Cycle: 1:8.8736
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) @ 2593 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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)

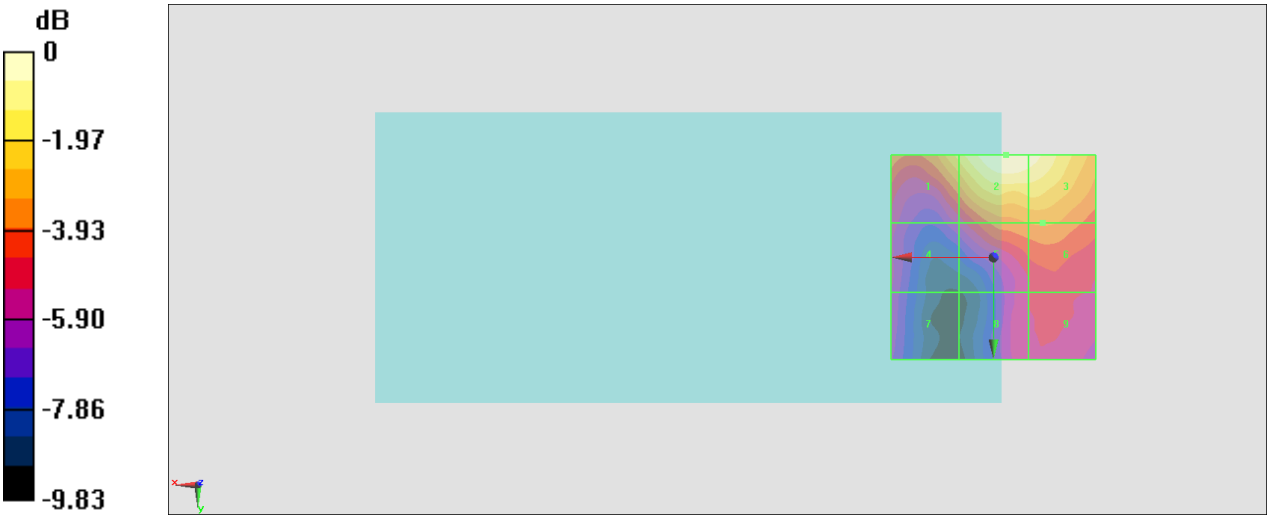
## E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 13.58 V/m; Power Drift = 0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.42 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **23.74 dBV/m** | Grid 2 **M4** **25.42 dBV/m** | Grid 3 **M4** **25.16 dBV/m** |
| Grid 4 **M4** **20.03 dBV/m** | Grid 5 **M4** **22.19 dBV/m** | Grid 6 **M4** **22.28 dBV/m** |
| Grid 7 **M4** **19.51 dBV/m** | Grid 8 **M4** **20.2 dBV/m** | Grid 9 **M4** **20.53 dBV/m** |

**Cursor:**
Total = 25.42 dBV/m
E Category: M4
Location: -3, -25, 8.7 mm




0 dB = 18.66 V/m = 25.42 dBV/m

# #16_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41055;Ant 0

Communication System:LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz;Duty Cycle: 1:8.8736
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) @ 2636.5 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 13.71 V/m; Power Drift = -0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.38 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **23.64 dBV/m** | Grid 2 **M4** **25.38 dBV/m** | Grid 3 **M4** **25.04 dBV/m** |
| Grid 4 **M4** **20.02 dBV/m** | Grid 5 **M4** **22.02 dBV/m** | Grid 6 **M4** **21.94 dBV/m** |
| Grid 7 **M4** **19.48 dBV/m** | Grid 8 **M4** **19.87 dBV/m** | Grid 9 **M4** **20.27 dBV/m** |

**Cursor:**
Total = 25.38 dBV/m
E Category: M4
Location: -3, -25, 8.7 mm


0 dB = 18.57 V/m = 25.38 dBV/m

# #17_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41490;Ant 0

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz;Duty Cycle: 1:8.8736
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) @ 2680 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 15.11 V/m; Power Drift = 0.18 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.79 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **22.89 dBV/m** | Grid 2 **M4** **25.79 dBV/m** | Grid 3 **M4** **25.33 dBV/m** |
| Grid 4 **M4** **19.43 dBV/m** | Grid 5 **M4** **22.23 dBV/m** | Grid 6 **M4** **23.3 dBV/m** |
| Grid 7 **M4** **18.25 dBV/m** | Grid 8 **M4** **19.95 dBV/m** | Grid 9 **M4** **20.89 dBV/m** |

**Cursor:**
Total = 25.79 dBV/m
E Category: M4
Location: -5, -25, 8.7 mm


0 dB = 19.49 V/m = 25.80 dBV/m

# #18_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch39750;Ant 0_HPUE

Communication System:LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz;Duty Cycle: 1:8.8736
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) @ 2506 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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)

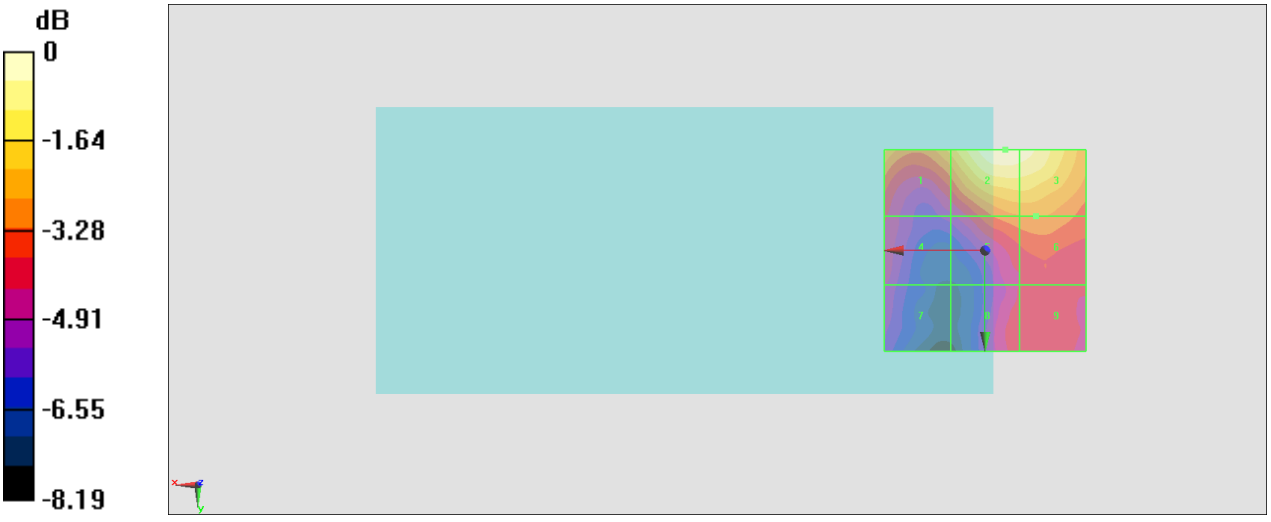
## E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 13.29 V/m; Power Drift = -0.10 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.15 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **22.23 dBV/m** | Grid 2 **M4** **24.15 dBV/m** | Grid 3 **M4** **23.98 dBV/m** |
| Grid 4 **M4** **19.95 dBV/m** | Grid 5 **M4** **21.39 dBV/m** | Grid 6 **M4** **21.47 dBV/m** |
| Grid 7 **M4** **19.39 dBV/m** | Grid 8 **M4** **20.15 dBV/m** | Grid 9 **M4** **20.31 dBV/m** |

**Cursor:**
Total = 24.15 dBV/m
E Category: M4
Location: -5, -25, 8.7 mm




0 dB = 16.13 V/m = 24.15 dBV/m

# #19_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40185;Ant 0_HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz;Duty Cycle: 1:8.8736
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) @ 2549.5 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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)

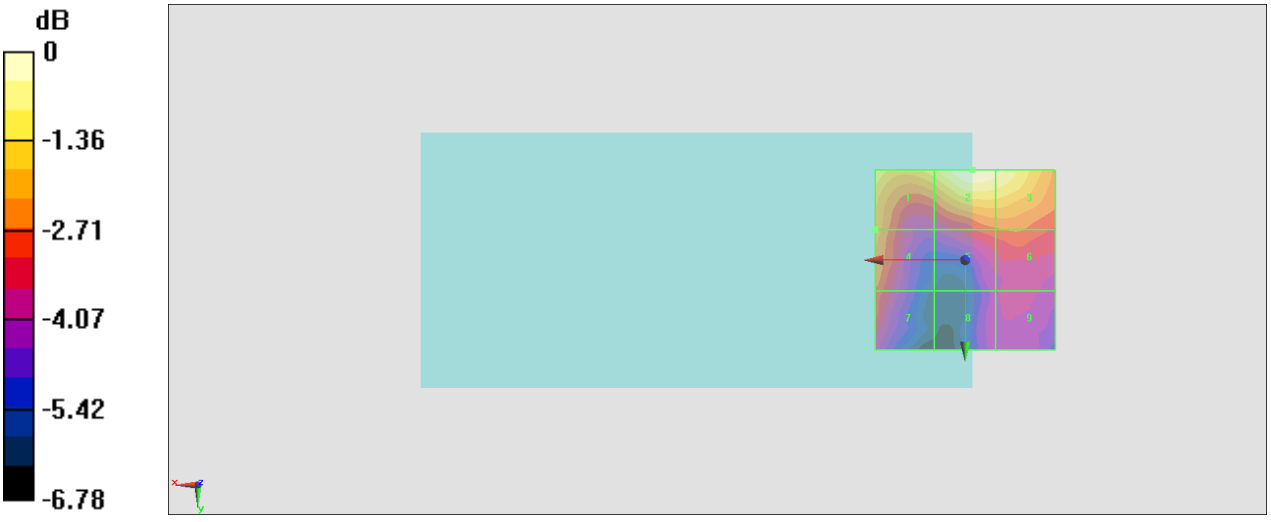
## E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 12.09 V/m; Power Drift = -0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.51 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **22.76 dBV/m** | Grid 2 **M4** **23.51 dBV/m** | Grid 3 **M4** **23.27 dBV/m** |
| Grid 4 **M4** **21.63 dBV/m** | Grid 5 **M4** **20.74 dBV/m** | Grid 6 **M4** **20.88 dBV/m** |
| Grid 7 **M4** **20.76 dBV/m** | Grid 8 **M4** **19.34 dBV/m** | Grid 9 **M4** **19.61 dBV/m** |

**Cursor:**
Total = 23.51 dBV/m
E Category: M4
Location: -2, -25, 8.7 mm




0 dB = 14.99 V/m = 23.52 dBV/m

# #20_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40620;Ant 0_HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz;Duty Cycle: 1:8.8736
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) @ 2593 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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)

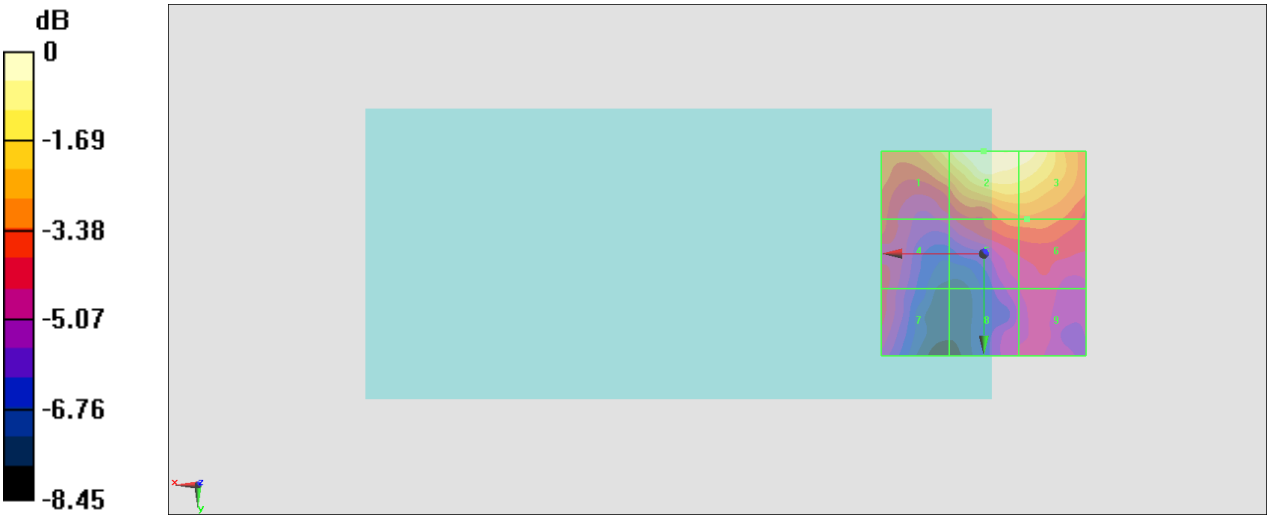
## E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 14.79 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.51 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **24.27 dBV/m** | Grid 2 **M4** **25.51 dBV/m** | Grid 3 **M4** **25.33 dBV/m** |
| Grid 4 **M4** **21.87 dBV/m** | Grid 5 **M4** **22.5 dBV/m** | Grid 6 **M4** **22.54 dBV/m** |
| Grid 7 **M4** **21.34 dBV/m** | Grid 8 **M4** **20.49 dBV/m** | Grid 9 **M4** **20.89 dBV/m** |

**Cursor:**
Total = 25.51 dBV/m
E Category: M4
Location: 0, -25, 8.7 mm




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

# #21_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41055;Ant 0_HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz;Duty Cycle: 1:8.8736
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) @ 2636.5 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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)

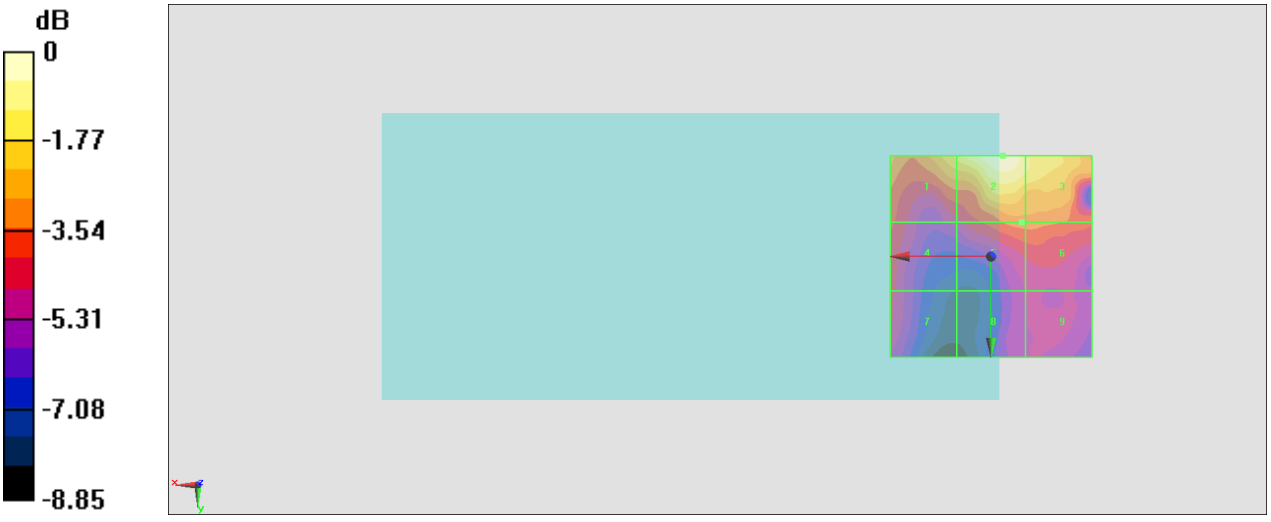
## E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 14.92 V/m; Power Drift = -0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.86 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **24.34 dBV/m** | Grid 2 **M4** **25.86 dBV/m** | Grid 3 **M4** **24.86 dBV/m** |
| Grid 4 **M4** **21.98 dBV/m** | Grid 5 **M4** **22.63 dBV/m** | Grid 6 **M4** **22.63 dBV/m** |
| Grid 7 **M4** **21.44 dBV/m** | Grid 8 **M4** **20.61 dBV/m** | Grid 9 **M4** **20.79 dBV/m** |

**Cursor:**
Total = 25.86 dBV/m
E Category: M4
Location: -3, -25, 8.7 mm




0 dB = 19.64 V/m = 25.86 dBV/m

# #22_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41490;Ant 0_HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz;Duty Cycle: 1:8.8736
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) @ 2680 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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)

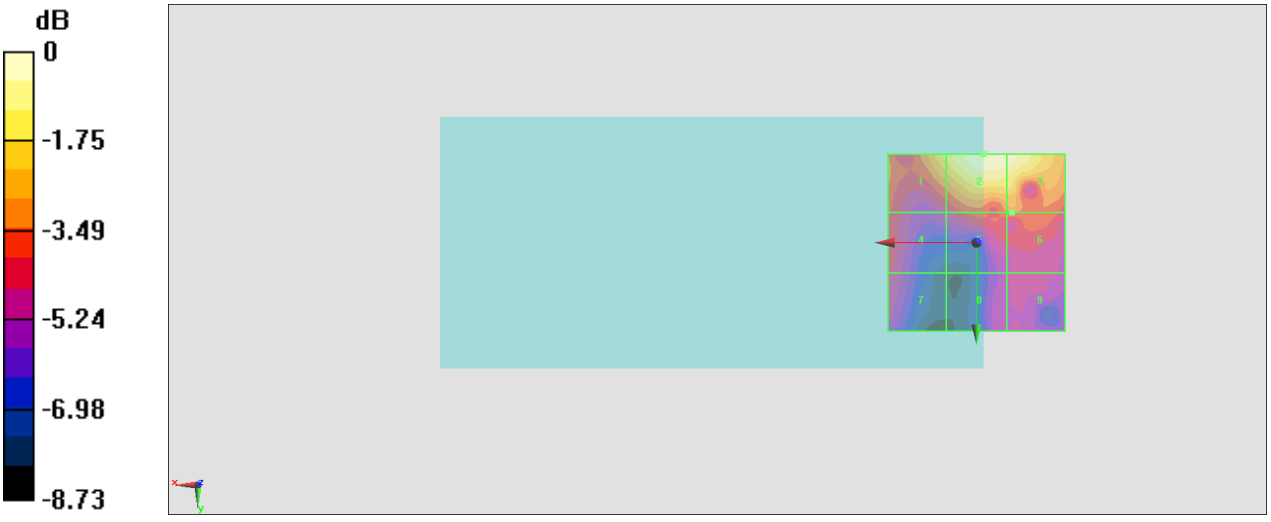
## E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 14.26 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.79 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **24.39 dBV/m** | Grid 2 **M4** **25.79 dBV/m** | Grid 3 **M4** **25.53 dBV/m** |
| Grid 4 **M4** **21.89 dBV/m** | Grid 5 **M4** **22.21 dBV/m** | Grid 6 **M4** **22.41 dBV/m** |
| Grid 7 **M4** **21.35 dBV/m** | Grid 8 **M4** **20.53 dBV/m** | Grid 9 **M4** **20.89 dBV/m** |

**Cursor:**
Total = 25.79 dBV/m
E Category: M4
Location: -2, -25, 8.7 mm




0 dB = 19.47 V/m = 25.79 dBV/m

# #23_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch39750;Ant 2

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz;Duty Cycle: 1:8.8736
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) @ 2506 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 14.96 V/m; Power Drift = 0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.68 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **20.64 dBV/m** | Grid 2 **M4** **23.24 dBV/m** | Grid 3 **M4** **23.56 dBV/m** |
| Grid 4 **M4** **21.83 dBV/m** | Grid 5 **M4** **22.97 dBV/m** | Grid 6 **M4** **23.43 dBV/m** |
| Grid 7 **M4** **26.08 dBV/m** | Grid 8 **M4** **26.68 dBV/m** | Grid 9 **M4** **25.74 dBV/m** |

**Cursor:**
Total = 26.68 dBV/m
E Category: M4
Location: 2, 25, 8.7 mm


0 dB = 21.59 V/m = 26.69 dBV/m

# #24_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40185;Ant 2

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz;Duty Cycle: 1:8.8736
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) @ 2549.5 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 17.98 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.56 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **21.7 dBV/m** | Grid 2 **M4** **22.56 dBV/m** | Grid 3 **M4** **22.86 dBV/m** |
| Grid 4 **M4** **21.75 dBV/m** | Grid 5 **M4** **24.14 dBV/m** | Grid 6 **M4** **24.15 dBV/m** |
| Grid 7 **M4** **26.09 dBV/m** | Grid 8 **M4** **27.56 dBV/m** | Grid 9 **M4** **27.03 dBV/m** |

**Cursor:**
Total = 27.56 dBV/m
E Category: M4
Location: -1.5, 25, 8.7 mm


0 dB = 23.89 V/m = 27.56 dBV/m

# #25_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40620;Ant 2

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz;Duty Cycle: 1:8.8736
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) @ 2593 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 16.57 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.28 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **22.6 dBV/m** | Grid 2 **M4** **22.76 dBV/m** | Grid 3 **M4** **23.03 dBV/m** |
| Grid 4 **M4** **22.92 dBV/m** | Grid 5 **M4** **23.41 dBV/m** | Grid 6 **M4** **23.36 dBV/m** |
| Grid 7 **M4** **24.92 dBV/m** | Grid 8 **M4** **26.28 dBV/m** | Grid 9 **M4** **25.36 dBV/m** |

**Cursor:**
Total = 26.28 dBV/m
E Category: M4
Location: 1, 25, 8.7 mm


0 dB = 20.62 V/m = 26.29 dBV/m

# #26_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41055;Ant 2

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz;Duty Cycle: 1:8.8736
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) @ 2636.5 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 16.12 V/m; Power Drift = 0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.47 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **22.88 dBV/m** | Grid 2 **M4** **22.79 dBV/m** | Grid 3 **M4** **23.06 dBV/m** |
| Grid 4 **M4** **23.13 dBV/m** | Grid 5 **M4** **23.68 dBV/m** | Grid 6 **M4** **23.71 dBV/m** |
| Grid 7 **M4** **24.94 dBV/m** | Grid 8 **M4** **26.47 dBV/m** | Grid 9 **M4** **26.2 dBV/m** |

**Cursor:**
Total = 26.47 dBV/m
E Category: M4
Location: -2.5, 25, 8.7 mm


0 dB = 21.07 V/m = 26.47 dBV/m

# #27_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41490;Ant 2

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz;Duty Cycle: 1:8.8736
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) @ 2680 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 16.09 V/m; Power Drift = 0.08 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.08 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **22.71 dBV/m** | Grid 2 **M4** **24.04 dBV/m** | Grid 3 **M4** **24.44 dBV/m** |
| Grid 4 **M4** **22.92 dBV/m** | Grid 5 **M4** **23.78 dBV/m** | Grid 6 **M4** **24.34 dBV/m** |
| Grid 7 **M4** **25.75 dBV/m** | Grid 8 **M4** **27.08 dBV/m** | Grid 9 **M4** **26.22 dBV/m** |

**Cursor:**
Total = 27.08 dBV/m
E Category: M4
Location: -3.5, 25, 8.7 mm


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

# #28_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch39750;Ant 2_HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz;Duty Cycle: 1:8.8736
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) @ 2506 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 15.82 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.09 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **22.36 dBV/m** | Grid 2 **M4** **23.47 dBV/m** | Grid 3 **M4** **23.78 dBV/m** |
| Grid 4 **M4** **23.12 dBV/m** | Grid 5 **M4** **23.17 dBV/m** | Grid 6 **M4** **23.67 dBV/m** |
| Grid 7 **M4** **26.5 dBV/m** | Grid 8 **M4** **27.09 dBV/m** | Grid 9 **M4** **26.11 dBV/m** |

**Cursor:**
Total = 27.09 dBV/m
E Category: M4
Location: 2, 25, 8.7 mm


0 dB = 22.61 V/m = 27.09 dBV/m

# #29_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40185;Ant 2_HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz;Duty Cycle: 1:8.8736
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) @ 2549.5 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 19.70 V/m; Power Drift = -0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 28.01 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **23.01 dBV/m** | Grid 2 **M4** **23.17 dBV/m** | Grid 3 **M4** **23.38 dBV/m** |
| Grid 4 **M4** **23.06 dBV/m** | Grid 5 **M4** **24.66 dBV/m** | Grid 6 **M4** **24.66 dBV/m** |
| Grid 7 **M4** **26.62 dBV/m** | Grid 8 **M4** **28.01 dBV/m** | Grid 9 **M4** **27.49 dBV/m** |

**Cursor:**
Total = 28.01 dBV/m
E Category: M4
Location: -1.5, 25, 8.7 mm


0 dB = 25.15 V/m = 28.01 dBV/m

# #30_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch40620;Ant 2_HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz;Duty Cycle: 1:8.8736
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) @ 2593 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 17.83 V/m; Power Drift = -0.14 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.81 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **23.53 dBV/m** | Grid 2 **M4** **23.04 dBV/m** | Grid 3 **M4** **23.21 dBV/m** |
| Grid 4 **M4** **24 dBV/m** | Grid 5 **M4** **24.01 dBV/m** | Grid 6 **M4** **24.03 dBV/m** |
| Grid 7 **M4** **25.25 dBV/m** | Grid 8 **M4** **26.81 dBV/m** | Grid 9 **M4** **26.57 dBV/m** |

**Cursor:**
Total = 26.81 dBV/m
E Category: M4
Location: -4, 25, 8.7 mm


0 dB = 21.91 V/m = 26.81 dBV/m

# #31_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41055;Ant 2_HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz;Duty Cycle: 1:8.8736
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) @ 2636.5 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 17.82 V/m; Power Drift = -0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.78 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **23.82 dBV/m** | Grid 2 **M4** **23.17 dBV/m** | Grid 3 **M4** **23.33 dBV/m** |
| Grid 4 **M4** **24.07 dBV/m** | Grid 5 **M4** **24.05 dBV/m** | Grid 6 **M4** **24.08 dBV/m** |
| Grid 7 **M4** **25.04 dBV/m** | Grid 8 **M4** **26.78 dBV/m** | Grid 9 **M4** **26.53 dBV/m** |

**Cursor:**
Total = 26.78 dBV/m
E Category: M4
Location: -5.5, 25, 8.7 mm


0 dB = 21.83 V/m = 26.78 dBV/m

# #32_HAC_E_LTE Band 41_20M_QPSK_1_0_Ch41490;Ant 2_HPUE

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz;Duty Cycle: 1:8.8736
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) @ 2680 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 17.61 V/m; Power Drift = -0.10 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.67 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **24.19 dBV/m** | Grid 2 **M4** **24.43 dBV/m** | Grid 3 **M4** **24.99 dBV/m** |
| Grid 4 **M4** **24.46 dBV/m** | Grid 5 **M4** **24.63 dBV/m** | Grid 6 **M4** **25.03 dBV/m** |
| Grid 7 **M4** **26.31 dBV/m** | Grid 8 **M4** **27.67 dBV/m** | Grid 9 **M4** **27.36 dBV/m** |

**Cursor:**
Total = 27.67 dBV/m
E Category: M4
Location: -1.5, 25, 8.7 mm


0 dB = 24.19 V/m = 27.67 dBV/m

# #33_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch55340;Ant 2

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz;Duty Cycle: 1:8.8736
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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 10.65 V/m; Power Drift = -0.15 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.44 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **20.95 dBV/m** | Grid 2 **M4** **17.64 dBV/m** | Grid 3 **M4** **18.34 dBV/m** |
| Grid 4 **M4** **21.44 dBV/m** | Grid 5 **M4** **19.46 dBV/m** | Grid 6 **M4** **19.79 dBV/m** |
| Grid 7 **M4** **21.43 dBV/m** | Grid 8 **M4** **20.19 dBV/m** | Grid 9 **M4** **20.1 dBV/m** |

**Cursor:**
Total = 21.44 dBV/m
E Category: M4
Location: 24, 3, 8.7 mm


0 dB = 11.80 V/m = 21.44 dBV/m

# #34_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch55830;Ant 2

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3609 MHz;Duty Cycle: 1:8.8736
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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 11.58 V/m; Power Drift = 0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.97 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **21.56 dBV/m** | Grid 2 **M4** **18.71 dBV/m** | Grid 3 **M4** **18 dBV/m** |
| Grid 4 **M4** **21.97 dBV/m** | Grid 5 **M4** **19.19 dBV/m** | Grid 6 **M4** **19.38 dBV/m** |
| Grid 7 **M4** **21.97 dBV/m** | Grid 8 **M4** **19.27 dBV/m** | Grid 9 **M4** **19.4 dBV/m** |

**Cursor:**
Total = 21.97 dBV/m
E Category: M4
Location: 25, 7.5, 8.7 mm


0 dB = 12.55 V/m = 21.97 dBV/m

# #35_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch56150;Ant 2

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3641 MHz;Duty Cycle: 1:8.8736
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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 11.88 V/m; Power Drift = 0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.21 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **21.83 dBV/m** | Grid 2 **M4** **18.98 dBV/m** | Grid 3 **M4** **18.28 dBV/m** |
| Grid 4 **M4** **22.21 dBV/m** | Grid 5 **M4** **19.36 dBV/m** | Grid 6 **M4** **19.51 dBV/m** |
| Grid 7 **M4** **22.21 dBV/m** | Grid 8 **M4** **19.37 dBV/m** | Grid 9 **M4** **19.52 dBV/m** |

**Cursor:**
Total = 22.21 dBV/m
E Category: M4
Location: 25, 8.5, 8.7 mm


0 dB = 12.89 V/m = 22.21 dBV/m

# #36_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch56640;Ant 2

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz;Duty Cycle: 1:8.8736
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: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 12.06 V/m; Power Drift = 0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.17 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **21.86 dBV/m** | Grid 2 **M4** **18.96 dBV/m** | Grid 3 **M4** **18.32 dBV/m** |
| Grid 4 **M4** **22.17 dBV/m** | Grid 5 **M4** **19.29 dBV/m** | Grid 6 **M4** **19.52 dBV/m** |
| Grid 7 **M4** **22.17 dBV/m** | Grid 8 **M4** **19.4 dBV/m** | Grid 9 **M4** **19.55 dBV/m** |

**Cursor:**
Total = 22.17 dBV/m
E Category: M4
Location: 25, 8, 8.7 mm


0 dB = 12.84 V/m = 22.17 dBV/m

# #37_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch55340;Ant 6

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz;Duty Cycle: 1:8.8736
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) @ 3560 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 9.694 V/m; Power Drift = 0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.43 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **23.43 dBV/m** | Grid 2 **M4** **20.11 dBV/m** | Grid 3 **M4** **20.14 dBV/m** |
| Grid 4 **M4** **22.26 dBV/m** | Grid 5 **M4** **19 dBV/m** | Grid 6 **M4** **19.33 dBV/m** |
| Grid 7 **M4** **19.75 dBV/m** | Grid 8 **M4** **17.43 dBV/m** | Grid 9 **M4** **16.89 dBV/m** |

**Cursor:**
Total = 23.43 dBV/m
E Category: M4
Location: 25, -25, 8.7 mm


0 dB = 14.84 V/m = 23.43 dBV/m

# #38_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch55830;Ant 6

Communication System:LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3609 MHz;Duty Cycle: 1:8.8736
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) @ 3609 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 9.822 V/m; Power Drift = -0.14 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.50 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **23.5 dBV/m** | Grid 2 **M4** **19.88 dBV/m** | Grid 3 **M4** **19.92 dBV/m** |
| Grid 4 **M4** **22.2 dBV/m** | Grid 5 **M4** **18.91 dBV/m** | Grid 6 **M4** **19.28 dBV/m** |
| Grid 7 **M4** **19.66 dBV/m** | Grid 8 **M4** **17.05 dBV/m** | Grid 9 **M4** **16.59 dBV/m** |

**Cursor:**
Total = 23.50 dBV/m
E Category: M4
Location: 25, -25, 8.7 mm


0 dB = 14.97 V/m = 23.50 dBV/m

# #39_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch56150;Ant 6

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3641 MHz;Duty Cycle: 1:8.8736
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) @ 3641 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 9.743 V/m; Power Drift = -0.09 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.54 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **23.54 dBV/m** | Grid 2 **M4** **20.03 dBV/m** | Grid 3 **M4** **20.06 dBV/m** |
| Grid 4 **M4** **22.21 dBV/m** | Grid 5 **M4** **18.89 dBV/m** | Grid 6 **M4** **19.38 dBV/m** |
| Grid 7 **M4** **19.73 dBV/m** | Grid 8 **M4** **17.32 dBV/m** | Grid 9 **M4** **16.79 dBV/m** |

**Cursor:**
Total = 23.54 dBV/m
E Category: M4
Location: 25, -25, 8.7 mm


0 dB = 15.03 V/m = 23.54 dBV/m

# #40_HAC_E_LTE Band 48_20M_QPSK_1_0_Ch56640;Ant 6

Communication System: LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz;Duty Cycle: 1:8.8736
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) @ 3690 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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)

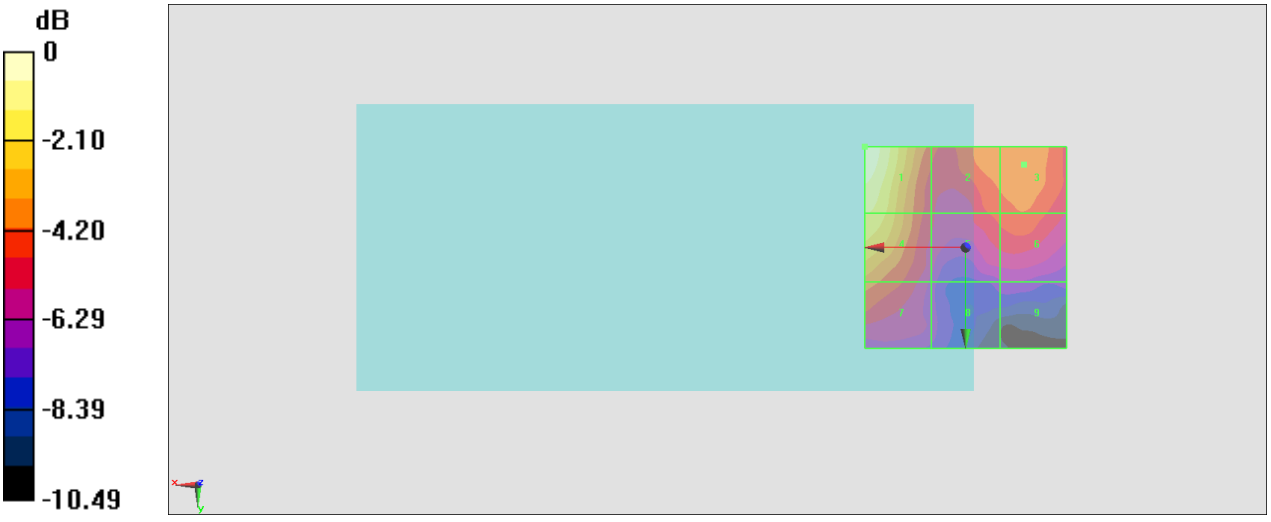
## E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 9.749 V/m; Power Drift = -0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.46 dBV/m
**Emission category: M4**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M4** **23.46 dBV/m** | Grid 2 **M4** **19.95 dBV/m** | Grid 3 **M4** **19.94 dBV/m** |
| Grid 4 **M4** **22.11 dBV/m** | Grid 5 **M4** **18.87 dBV/m** | Grid 6 **M4** **19.24 dBV/m** |
| Grid 7 **M4** **19.69 dBV/m** | Grid 8 **M4** **16.97 dBV/m** | Grid 9 **M4** **16.53 dBV/m** |

**Cursor:**
Total = 23.46 dBV/m
E Category: M4
Location: 25, -25, 8.7 mm




0 dB = 14.89 V/m = 23.46 dBV/m

# #41_HAC_E_WLAN 2.4GHz_802.11g 6Mbps_Ch1;Ant 3+4

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

DASY5 Configuration
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 60.33 V/m; Power Drift = 0.02 dB
Applied MIF = 0.12 dB
RF audio interference level = 33.18 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M3** **32.34 dBV/m** | Grid 2 **M3** **32.54 dBV/m** | Grid 3 **M3** **31.05 dBV/m** |
| Grid 4 **M3** **32.86 dBV/m** | Grid 5 **M3** **33.1 dBV/m** | Grid 6 **M3** **31.55 dBV/m** |
| Grid 7 **M3** **32.94 dBV/m** | Grid 8 **M3** **33.18 dBV/m** | Grid 9 **M3** **31.59 dBV/m** |

**Cursor:**
Total = 33.18 dBV/m
E Category: M3
Location: 4, 13.5, 8.7 mm


0 dB = 45.61 V/m = 33.18 dBV/m

# #42_HAC_E_WLAN 2.4GHz_802.11g 6Mbps_Ch6;Ant 3+4

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

DASY5 Configuration
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 61.83 V/m; Power Drift = -0.03 dB
Applied MIF = 0.12 dB
RF audio interference level = 33.82 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M3** **33.16 dBV/m** | Grid 2 **M3** **33.82 dBV/m** | Grid 3 **M3** **33.12 dBV/m** |
| Grid 4 **M3** **32.06 dBV/m** | Grid 5 **M3** **33.28 dBV/m** | Grid 6 **M3** **32.9 dBV/m** |
| Grid 7 **M3** **33.08 dBV/m** | Grid 8 **M3** **33.78 dBV/m** | Grid 9 **M3** **33.21 dBV/m** |

**Cursor:**
Total = 33.82 dBV/m
E Category: M3
Location: -0.5, -19, 8.7 mm


0 dB = 49.07 V/m = 33.82 dBV/m

# #43_HAC_E_WLAN 2.4GHz_802.11g 6Mbps_Ch11;Ant 3+4

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

DASY5 Configuration
- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2021/1/25
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- 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 = 59.54 V/m; Power Drift = 0.10 dB
Applied MIF = 0.12 dB
RF audio interference level = 33.11 dBV/m
**Emission category: M3**

MIF scaled E-field

| | | |
|---|---|---|
| Grid 1 **M3** **32.19 dBV/m** | Grid 2 **M3** **32.44 dBV/m** | Grid 3 **M3** **31 dBV/m** |
| Grid 4 **M3** **32.8 dBV/m** | Grid 5 **M3** **33.02 dBV/m** | Grid 6 **M3** **31.52 dBV/m** |
| Grid 7 **M3** **32.85 dBV/m** | Grid 8 **M3** **33.11 dBV/m** | Grid 9 **M3** **31.56 dBV/m** |

**Cursor:**
Total = 33.11 dBV/m
E Category: M3
Location: 4, 13.5, 8.7 mm


0 dB = 45.22 V/m = 33.11 dBV/m