

### GSM 850

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### GSM850 E-Field measurement/Voice\_ch128/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 = 29.75 V/m; Power Drift = 0.00 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.26 dBV/m

Emission category: **M4**

MIF scaled E-field

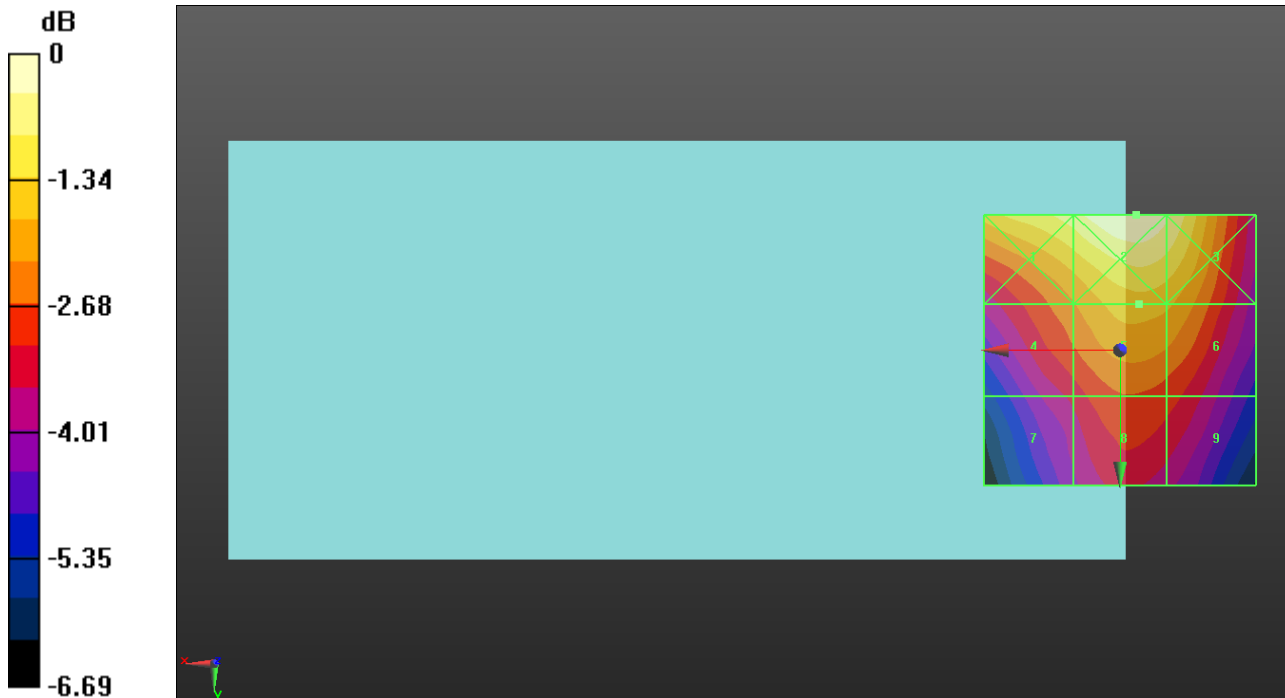
Grid 1 M4 32.18 dBV/m	Grid 2 M4 32.78 dBV/m	Grid 3 M4 32.42 dBV/m
Grid 4 M4 30.53 dBV/m	Grid 5 M4 31.26 dBV/m	Grid 6 M4 31.1 dBV/m
Grid 7 M4 29.39 dBV/m	Grid 8 M4 30.09 dBV/m	Grid 9 M4 29.89 dBV/m

**Cursor:**

Total = 32.78 dBV/m

E Category: M4

Location: -3, -25, 7.7 mm



0 dB = 43.53 V/m = 32.78 dBV/m

### GSM 850

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### GSM850 E-Field measurement/Voice\_ch190/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 = 30.58 V/m; Power Drift = -0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 31.34 dBV/m

Emission category: **M4**

MIF scaled E-field

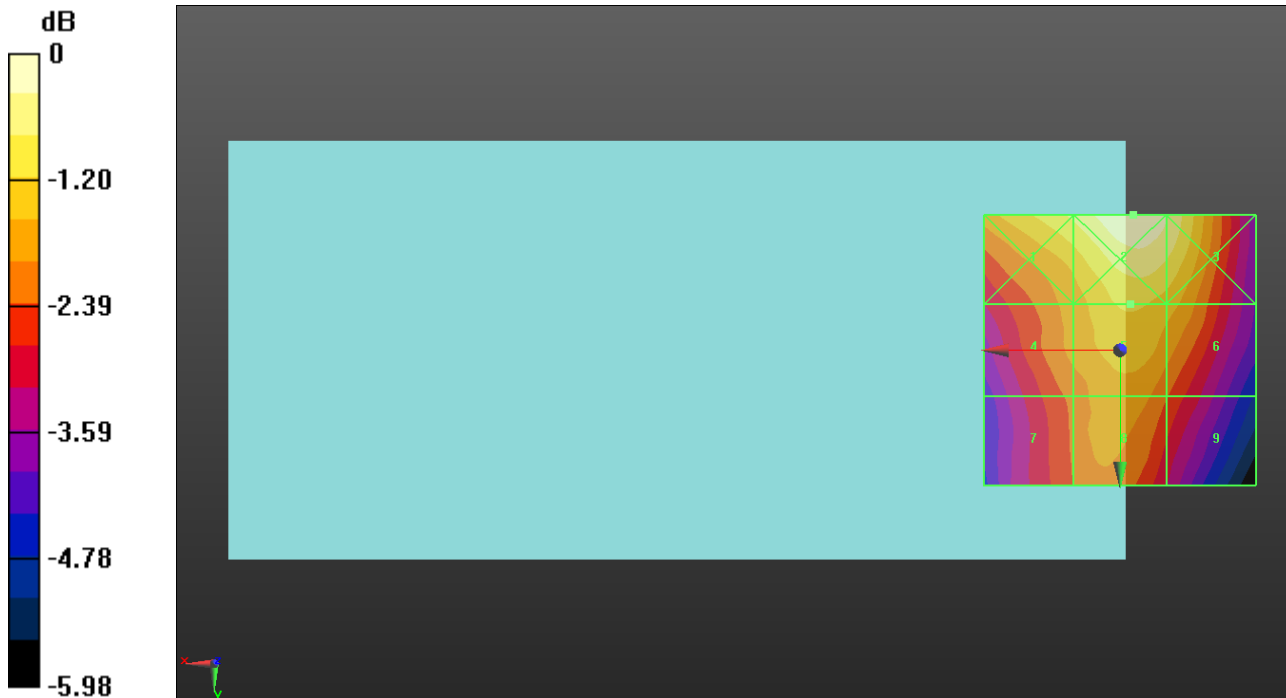
Grid 1 M4 31.78 dBV/m	Grid 2 M4 32.46 dBV/m	Grid 3 M4 32.12 dBV/m
Grid 4 M4 30.7 dBV/m	Grid 5 M4 31.34 dBV/m	Grid 6 M4 31.1 dBV/m
Grid 7 M4 30.25 dBV/m	Grid 8 M4 30.69 dBV/m	Grid 9 M4 30.12 dBV/m

**Cursor:**

Total = 32.46 dBV/m

E Category: M4

Location: -2.5, -25, 7.7 mm



0 dB = 42.00 V/m = 32.46 dBV/m

### GSM 850

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### GSM850 E-Field measurement/Voice\_ch251/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 = 33.78 V/m; Power Drift = 0.05 dB

Applied MIF = 3.63 dB

RF audio interference level = 32.32 dBV/m

Emission category: **M4**

MIF scaled E-field

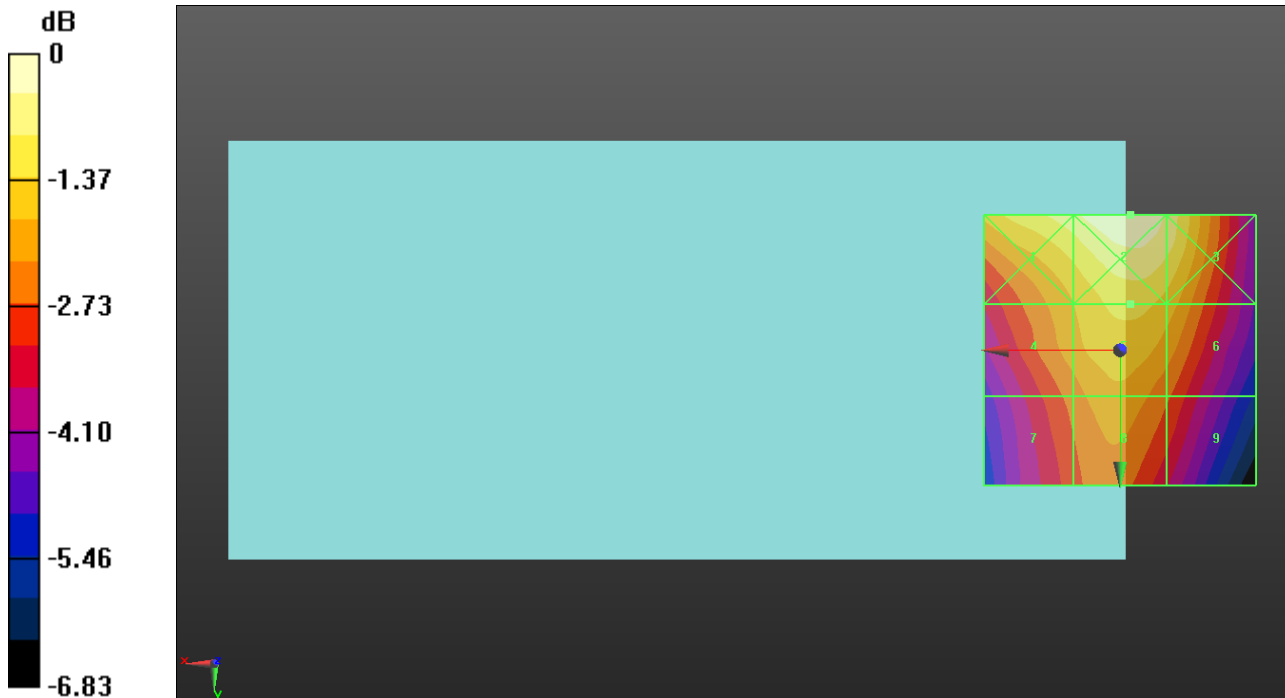
Grid 1 M4 33 dBV/m	Grid 2 M4 33.54 dBV/m	Grid 3 M4 33.01 dBV/m
Grid 4 M4 31.72 dBV/m	Grid 5 M4 32.32 dBV/m	Grid 6 M4 32 dBV/m
Grid 7 M4 31.04 dBV/m	Grid 8 M4 31.55 dBV/m	Grid 9 M4 30.92 dBV/m

**Cursor:**

Total = 33.54 dBV/m

E Category: M4

Location: -2, -25, 7.7 mm



0 dB = 47.51 V/m = 33.54 dBV/m

### GSM 1900

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### GSM1900 E-Field measurement/Voice\_ch512/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 = 4.827 V/m; Power Drift = 0.11 dB

Applied MIF = 3.63 dB

RF audio interference level = 23.41 dBV/m

Emission category: **M4**

MIF scaled E-field

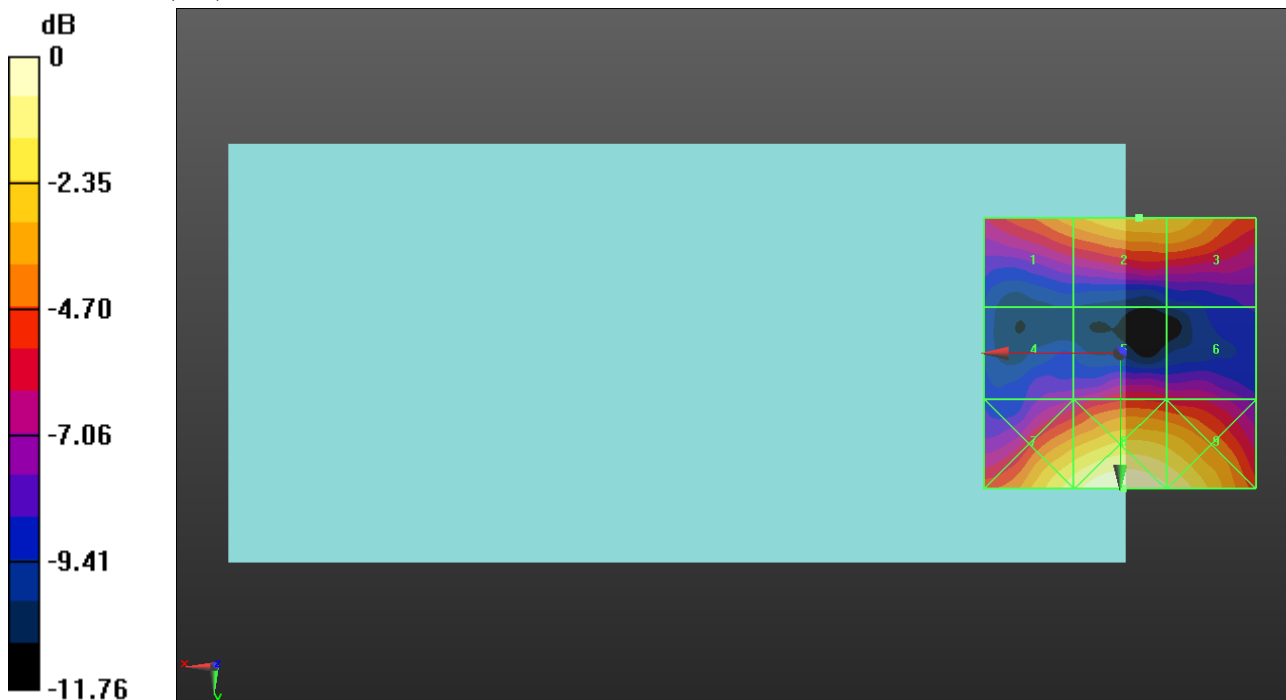
Grid 1 M4 22.31 dBV/m	Grid 2 M4 23.41 dBV/m	Grid 3 M4 23.26 dBV/m
Grid 4 M4 18.62 dBV/m	Grid 5 M4 20.14 dBV/m	Grid 6 M4 19.73 dBV/m
Grid 7 M4 24.58 dBV/m	Grid 8 M4 25.62 dBV/m	Grid 9 M4 25.07 dBV/m

**Cursor:**

Total = 25.62 dBV/m

E Category: M4

Location: -0.5, 25, 7.7 mm



0 dB = 19.10 V/m = 25.62 dBV/m

### GSM 1900

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### GSM1900 E-Field measurement/Voice\_ch661/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 5.558 V/m; Power Drift = -0.08 dB

Applied MIF = 3.63 dB

RF audio interference level = 20.99 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 19.91 dBV/m	Grid 2 M4 20.22 dBV/m	Grid 3 M4 20.23 dBV/m
Grid 4 M4 18.86 dBV/m	Grid 5 M4 20.99 dBV/m	Grid 6 M4 20.81 dBV/m
Grid 7 M4 24.3 dBV/m	Grid 8 M4 25.73 dBV/m	Grid 9 M4 25.41 dBV/m

**Cursor:**

Total = 25.73 dBV/m

E Category: M4

Location: -4, 25, 7.7 mm



0 dB = 19.35 V/m = 25.73 dBV/m

### GSM 1900

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### GSM1900 E-Field measurement/Voice\_ch810/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 = 11.27 V/m; Power Drift = 0.13 dB

Applied MIF = 3.63 dB

RF audio interference level = 20.80 dBV/m

Emission category: **M4**

MIF scaled E-field

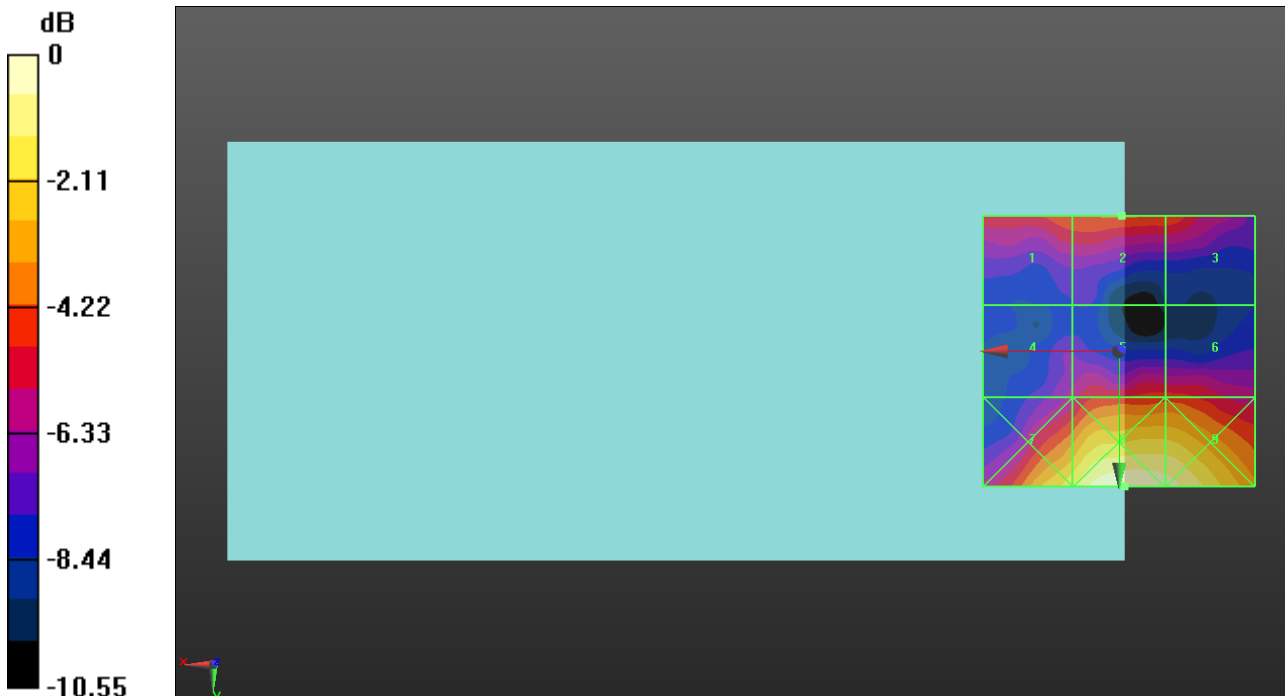
Grid 1 M4 20.67 dBV/m	Grid 2 M4 20.8 dBV/m	Grid 3 M4 20.68 dBV/m
Grid 4 M4 18.92 dBV/m	Grid 5 M4 20.33 dBV/m	Grid 6 M4 20.33 dBV/m
Grid 7 M4 23.38 dBV/m	Grid 8 M4 24.86 dBV/m	Grid 9 M4 24.5 dBV/m

**Cursor:**

Total = 24.86 dBV/m

E Category: M4

Location: -1, 25, 7.7 mm



0 dB = 17.49 V/m = 24.86 dBV/m

# LTE Band 41

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 E-Field measurement/Voice\_ch 39750 RB 1/0/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 = 10.10 V/m; Power Drift = 0.09 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.76 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 M4 13.03 dBV/m	Grid 2 M4 14.11 dBV/m	Grid 3 M4 16 dBV/m
Grid 4 M4 14.99 dBV/m	Grid 5 M4 18.76 dBV/m	Grid 6 M4 18.76 dBV/m
Grid 7 M4 17.47 dBV/m	Grid 8 M4 20.73 dBV/m	Grid 9 M4 20.7 dBV/m

**Cursor:**

Total = 20.73 dBV/m

E Category: M4

Location: -7, 25, 7.7 mm



0 dB = 10.88 V/m = 20.73 dBV/m

## LTE Band 41

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 E-Field measurement/Voice\_ch 40185 RB 1/0/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 = 10.49 V/m; Power Drift = -0.07 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.81 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 M4 13.41 dBV/m	Grid 2 M4 16.18 dBV/m	Grid 3 M4 16.32 dBV/m
Grid 4 M4 15.44 dBV/m	Grid 5 M4 18.81 dBV/m	Grid 6 M4 18.78 dBV/m
Grid 7 M4 17.44 dBV/m	Grid 8 M4 20.38 dBV/m	Grid 9 M4 20.29 dBV/m

**Cursor:**

Total = 20.38 dBV/m

E Category: M4

Location: -6.5, 25, 7.7 mm



0 dB = 10.45 V/m = 20.38 dBV/m



### LTE Band 41

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### LTE Band 41 E-Field measurement/Voice\_ch 40620 RB 1/0/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 = 10.69 V/m; Power Drift = 0.08 dB

Applied MIF = -1.44 dB

RF audio interference level = 19.07 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 M4 14.22 dBV/m	Grid 2 M4 15.74 dBV/m	Grid 3 M4 16.16 dBV/m
Grid 4 M4 15.69 dBV/m	Grid 5 M4 19.07 dBV/m	Grid 6 M4 19.1 dBV/m
Grid 7 M4 17.36 dBV/m	Grid 8 M4 20.01 dBV/m	Grid 9 M4 19.96 dBV/m

**Cursor:**

Total = 20.01 dBV/m

E Category: M4

Location: -6.5, 25, 7.7 mm



0 dB = 10.01 V/m = 20.01 dBV/m

### LTE Band 41

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### LTE Band 41 E-Field measurement/Voice\_ch 41055 RB 1/0/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 = 10.16 V/m; Power Drift = -0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.98 dBV/m

**Emission category: M4**

MIF scaled E-field

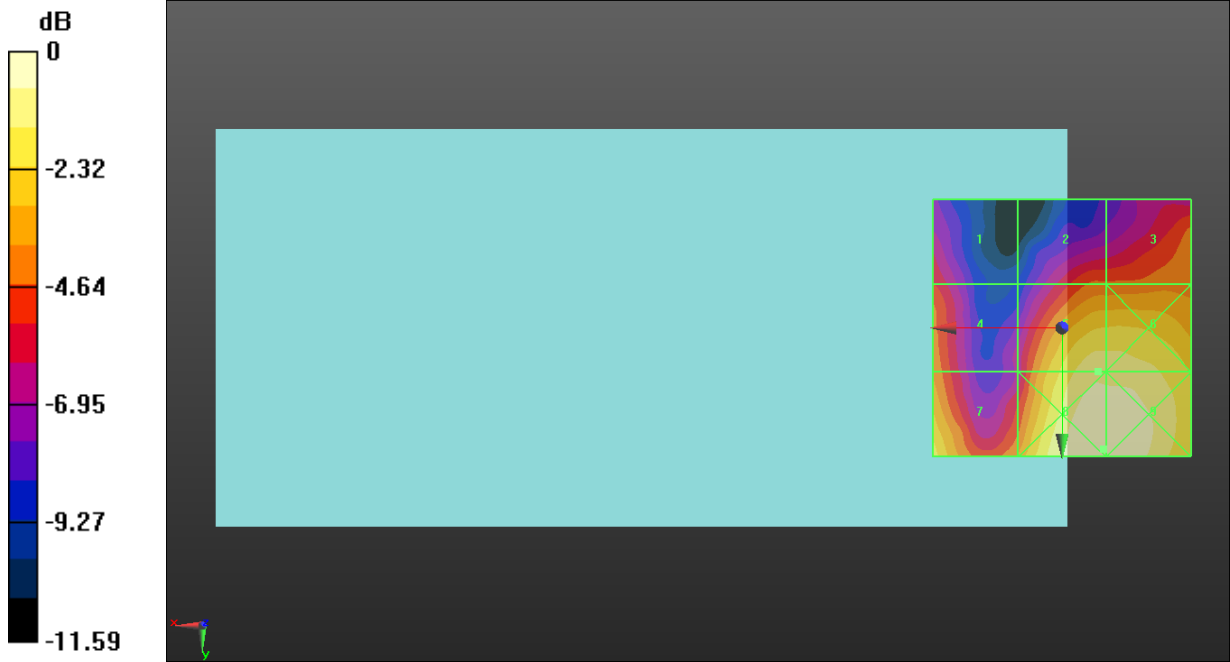
Grid 1 M4 14.67 dBV/m	Grid 2 M4 15.56 dBV/m	Grid 3 M4 15.91 dBV/m
Grid 4 M4 16.09 dBV/m	Grid 5 M4 18.98 dBV/m	Grid 6 M4 18.95 dBV/m
Grid 7 M4 18.2 dBV/m	Grid 8 M4 19.99 dBV/m	Grid 9 M4 19.99 dBV/m

**Cursor:**

Total = 19.99 dBV/m

E Category: M4

Location: -8, 23.5, 7.7 mm



0 dB = 9.990 V/m = 19.99 dBV/m

# LTE Band 41

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 E-Field measurement/Voice\_ch 41490 RB 1/0/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 = 9.969 V/m; Power Drift = -0.04 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.75 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 M4 14.93 dBV/m	Grid 2 M4 14.93 dBV/m	Grid 3 M4 14.87 dBV/m
Grid 4 M4 15.84 dBV/m	Grid 5 M4 17.75 dBV/m	Grid 6 M4 17.72 dBV/m
Grid 7 M4 17.54 dBV/m	Grid 8 M4 18.37 dBV/m	Grid 9 M4 18.36 dBV/m

**Cursor:**

Total = 18.37 dBV/m

E Category: M4

Location: -7, 25, 7.7 mm



0 dB = 8.293 V/m = 18.37 dBV/m

## LTE Band 41\_PC2

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 PC2 E-Field measurement/Voice\_ch 39750 RB 1/0/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 = 7.991 V/m; Power Drift = 0.17 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.50 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 M4 12.45 dBV/m	Grid 2 M4 11.47 dBV/m	Grid 3 M4 13.62 dBV/m
Grid 4 M4 13.85 dBV/m	Grid 5 M4 17.5 dBV/m	Grid 6 M4 17.52 dBV/m
Grid 7 M4 16.04 dBV/m	Grid 8 M4 19.77 dBV/m	Grid 9 M4 19.71 dBV/m

**Cursor:**

Total = 19.77 dBV/m

E Category: M4

Location: -6.5, 25, 7.7 mm



0 dB = 9.743 V/m = 19.77 dBV/m

## LTE Band 41\_PC2

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 PC2 E-Field measurement/Voice\_ch 40185 RB 1/0/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 = 7.476 V/m; Power Drift = 0.02 dB

Applied MIF = -1.44 dB

RF audio interference level = 16.89 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 12.59 dBV/m	Grid 2 M4 13.03 dBV/m	Grid 3 M4 13.68 dBV/m
Grid 4 M4 14.42 dBV/m	Grid 5 M4 16.7 dBV/m	Grid 6 M4 16.89 dBV/m
Grid 7 M4 16.91 dBV/m	Grid 8 M4 18.71 dBV/m	Grid 9 M4 18.69 dBV/m

**Cursor:**

Total = 18.71 dBV/m

E Category: M4

Location: -7, 25, 7.7 mm



0 dB = 8.621 V/m = 18.71 dBV/m

## LTE Band 41\_PC2

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 PC2 E-Field measurement/Voice\_ch 40620 RB 1/0/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 = 9.595 V/m; Power Drift = 0.03 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.02 dBV/m

**Emission category: M4**

MIF scaled E-field

Grid 1 M4 14.01 dBV/m	Grid 2 M4 14.23 dBV/m	Grid 3 M4 14.48 dBV/m
Grid 4 M4 15.33 dBV/m	Grid 5 M4 18.02 dBV/m	Grid 6 M4 18.01 dBV/m
Grid 7 M4 17.15 dBV/m	Grid 8 M4 19.38 dBV/m	Grid 9 M4 19.36 dBV/m

**Cursor:**

Total = 19.38 dBV/m

E Category: M4

Location: -7.5, 25, 7.7 mm



0 dB = 9.307 V/m = 19.38 dBV/m

## LTE Band 41\_PC2

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 2021-07-23

- Sensor-Surface: (Fix Surface)

- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB

- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 PC2 E-Field measurement/Voice\_ch 41055 RB 1/0/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 = 10.02 V/m; Power Drift = -0.08 dB

Applied MIF = -1.44 dB

RF audio interference level = 18.41 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 14.24 dBV/m	Grid 2 M4 14.98 dBV/m	Grid 3 M4 15.03 dBV/m
Grid 4 M4 15.51 dBV/m	Grid 5 M4 18.41 dBV/m	Grid 6 M4 18.41 dBV/m
Grid 7 M4 17.45 dBV/m	Grid 8 M4 19.36 dBV/m	Grid 9 M4 19.34 dBV/m

### Cursor:

Total = 19.36 dBV/m

E Category: M4

Location: -7.5, 25, 7.7 mm



0 dB = 9.284 V/m = 19.35 dBV/m

## LTE Band 41\_PC2

Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

## LTE Band 41 PC2 E-Field measurement/Voice\_ch 41490 RB 1/0/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 = 10.26 V/m; Power Drift = -0.14 dB

Applied MIF = -1.44 dB

RF audio interference level = 17.80 dBV/m

Emission category: **M4**

MIF scaled E-field

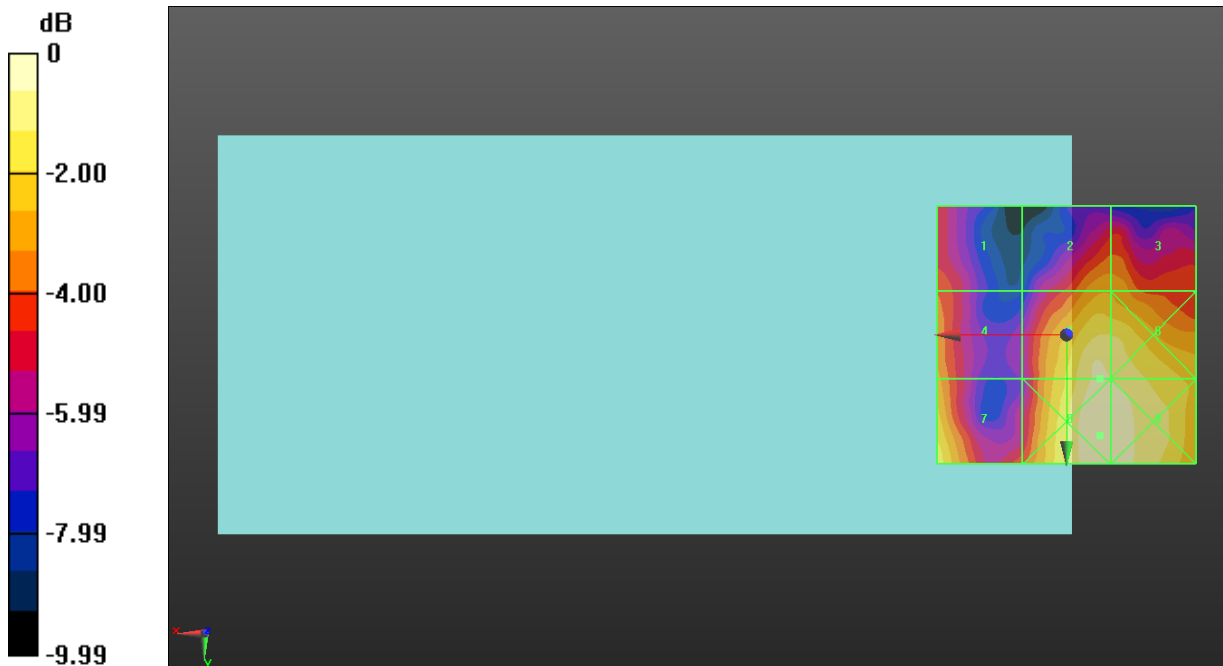
Grid 1 M4 14.25 dBV/m	Grid 2 M4 15.61 dBV/m	Grid 3 M4 15.6 dBV/m
Grid 4 M4 15.25 dBV/m	Grid 5 M4 17.8 dBV/m	Grid 6 M4 17.68 dBV/m
Grid 7 M4 16.98 dBV/m	Grid 8 M4 18.32 dBV/m	Grid 9 M4 18.22 dBV/m

**Cursor:**

Total = 18.32 dBV/m

E Category: M4

Location: -6.5, 19.5, 7.7 mm



0 dB = 8.238 V/m = 18.32 dBV/m



## WiFi 2.4GHz\_Ant 1

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5893

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

## 802.11g E-Field measurement/54Mbps\_ch1/Hearing Aid Compatibility Test (101x101x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 28.34 V/m; Power Drift = 0.06 dB

Applied MIF = 0.12 dB

RF audio interference level = 27.30 dBV/m

**Emission category: M4**

MIF scaled E-field

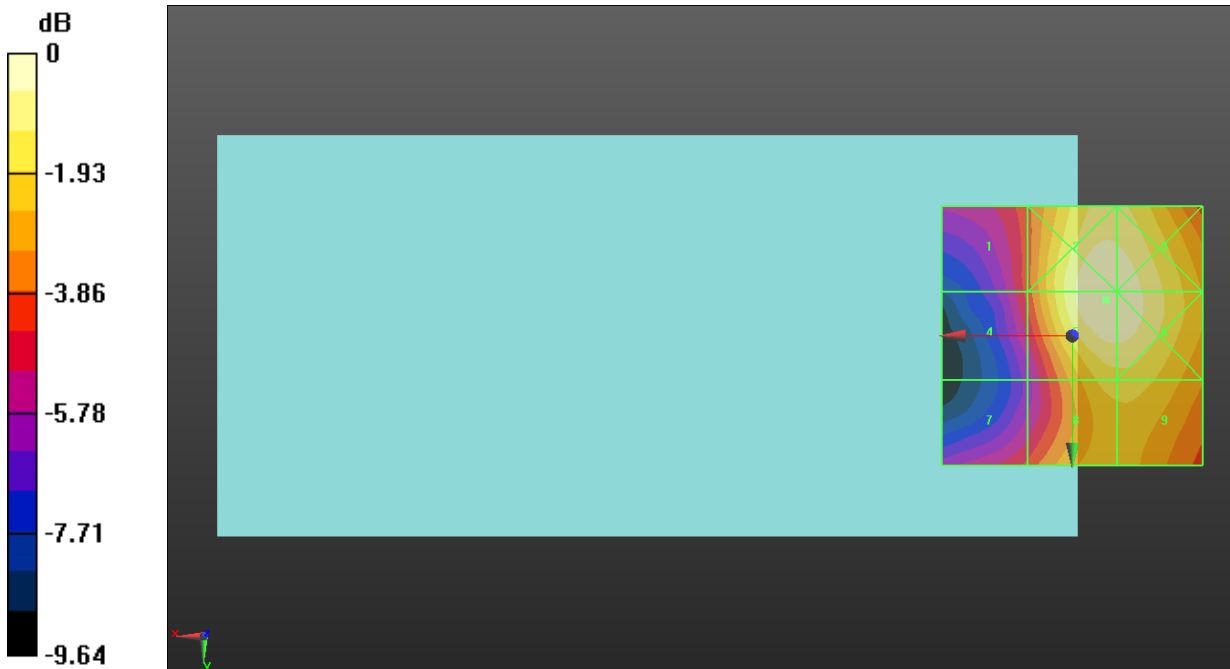
Grid 1 M4 23.31 dBV/m	Grid 2 M4 27.28 dBV/m	Grid 3 M4 27.2 dBV/m
Grid 4 M4 23.15 dBV/m	Grid 5 M4 27.3 dBV/m	Grid 6 M4 27.25 dBV/m
Grid 7 M4 23.08 dBV/m	Grid 8 M4 25.73 dBV/m	Grid 9 M4 25.74 dBV/m

**Cursor:**

Total = 27.30 dBV/m

E Category: M4

Location: -6.5, -7, 7.7 mm



0 dB = 23.17 V/m = 27.30 dBV/m

## WiFi 2.4GHz\_Ant 1

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5893

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

## 802.11g E-Field measurement/54Mbps\_ch6/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 = 25.14 V/m; Power Drift = 0.13 dB

Applied MIF = 0.12 dB

RF audio interference level = 26.38 dBV/m

**Emission category: M4**

MIF scaled E-field

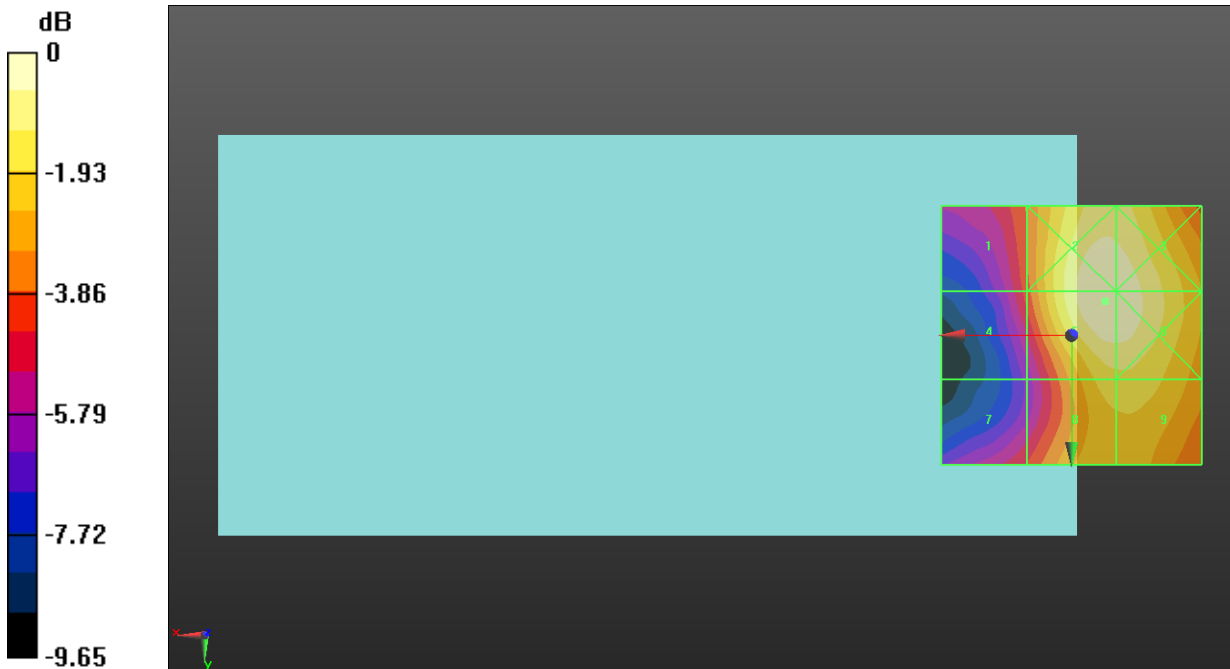
Grid 1 M4 22.64 dBV/m	Grid 2 M4 26.36 dBV/m	Grid 3 M4 26.28 dBV/m
Grid 4 M4 22.28 dBV/m	Grid 5 M4 26.38 dBV/m	Grid 6 M4 26.31 dBV/m
Grid 7 M4 22.01 dBV/m	Grid 8 M4 24.9 dBV/m	Grid 9 M4 24.94 dBV/m

**Cursor:**

Total = 26.38 dBV/m

E Category: M4

Location: -6.5, -6.5, 7.7 mm



0 dB = 20.84 V/m = 26.38 dBV/m

## WiFi 2.4GHz\_Ant 1

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5893

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

## 802.11g E-Field measurement/54Mbps\_ch11/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 = 27.42 V/m; Power Drift = -0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 26.82 dBV/m

**Emission category: M4**

MIF scaled E-field

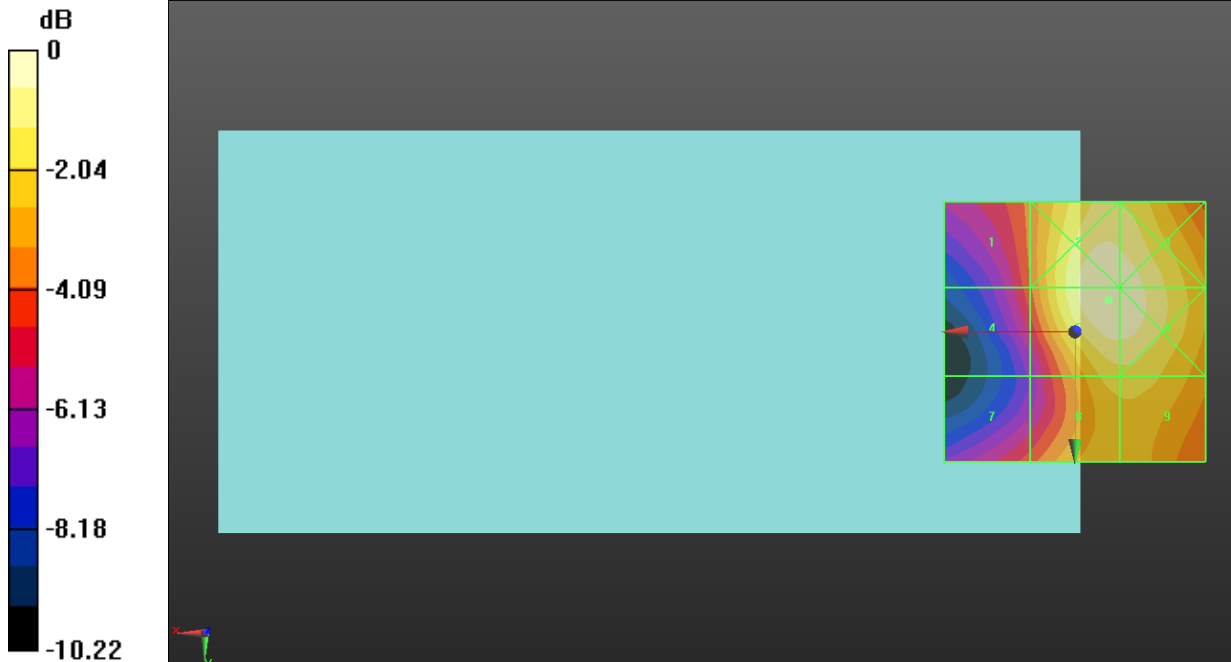
Grid 1 M4 23.03 dBV/m	Grid 2 M4 26.77 dBV/m	Grid 3 M4 26.67 dBV/m
Grid 4 M4 22.68 dBV/m	Grid 5 M4 26.82 dBV/m	Grid 6 M4 26.73 dBV/m
Grid 7 M4 22.51 dBV/m	Grid 8 M4 25.16 dBV/m	Grid 9 M4 25.18 dBV/m

**Cursor:**

Total = 26.82 dBV/m

E Category: M4

Location: -6.5, -6, 7.7 mm



0 dB = 21.94 V/m = 26.82 dBV/m

## WiFi 2.4GHz\_Ant 2

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5893

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

## 802.11g E-Field measurement ant 2/54Mbps\_ch1/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 = 8.073 V/m; Power Drift = 0.19 dB

Applied MIF = 0.12 dB

RF audio interference level = 16.51 dBV/m

**Emission category: M4**

MIF scaled E-field

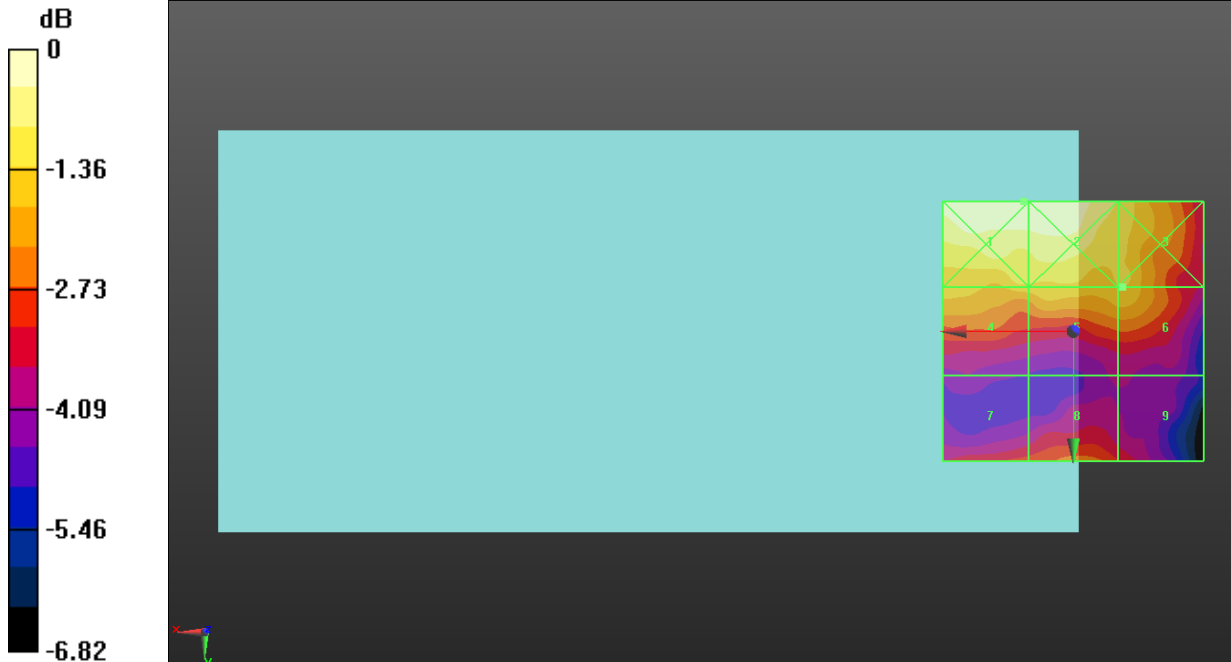
Grid 1 M4 17.88 dBV/m	Grid 2 M4 17.87 dBV/m	Grid 3 M4 16.95 dBV/m
Grid 4 M4 16.38 dBV/m	Grid 5 M4 16.48 dBV/m	Grid 6 M4 16.51 dBV/m
Grid 7 M4 14.98 dBV/m	Grid 8 M4 15.44 dBV/m	Grid 9 M4 14.8 dBV/m

**Cursor:**

Total = 17.88 dBV/m

E Category: M4

Location: 9.5, -25, 7.7 mm



0 dB = 7.831 V/m = 17.88 dBV/m

## WiFi 2.4GHz\_Ant 2

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5893

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

## 802.11g E-Field measurement ant 2/54Mbps\_ch6/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 = 7.198 V/m; Power Drift = 0.14 dB

Applied MIF = 0.12 dB

RF audio interference level = 15.94 dBV/m

**Emission category: M4**

MIF scaled E-field

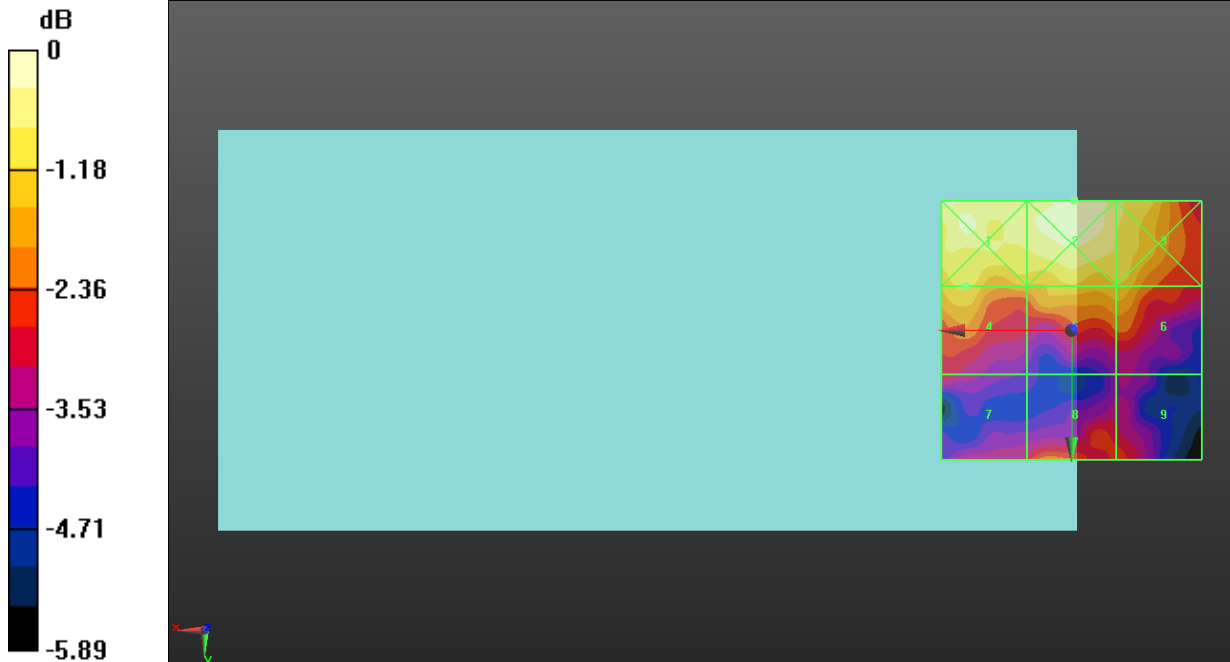
Grid 1 M4 16.79 dBV/m	Grid 2 M4 17.04 dBV/m	Grid 3 M4 16.43 dBV/m
Grid 4 M4 15.94 dBV/m	Grid 5 M4 15.79 dBV/m	Grid 6 M4 15.79 dBV/m
Grid 7 M4 14.15 dBV/m	Grid 8 M4 15.06 dBV/m	Grid 9 M4 14.5 dBV/m

**Cursor:**

Total = 17.04 dBV/m

E Category: M4

Location: -0.5, -25, 7.7 mm



0 dB = 7.109 V/m = 17.04 dBV/m

## WiFi 2.4GHz\_Ant 2

Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5893

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4066; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 2021-07-23
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2021-03-23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

## 802.11g E-Field measurement ant 2/54Mbps\_ch11/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 = 15.75 V/m; Power Drift = -0.10 dB

Applied MIF = 0.12 dB

RF audio interference level = 16.62 dBV/m

**Emission category: M4**

MIF scaled E-field

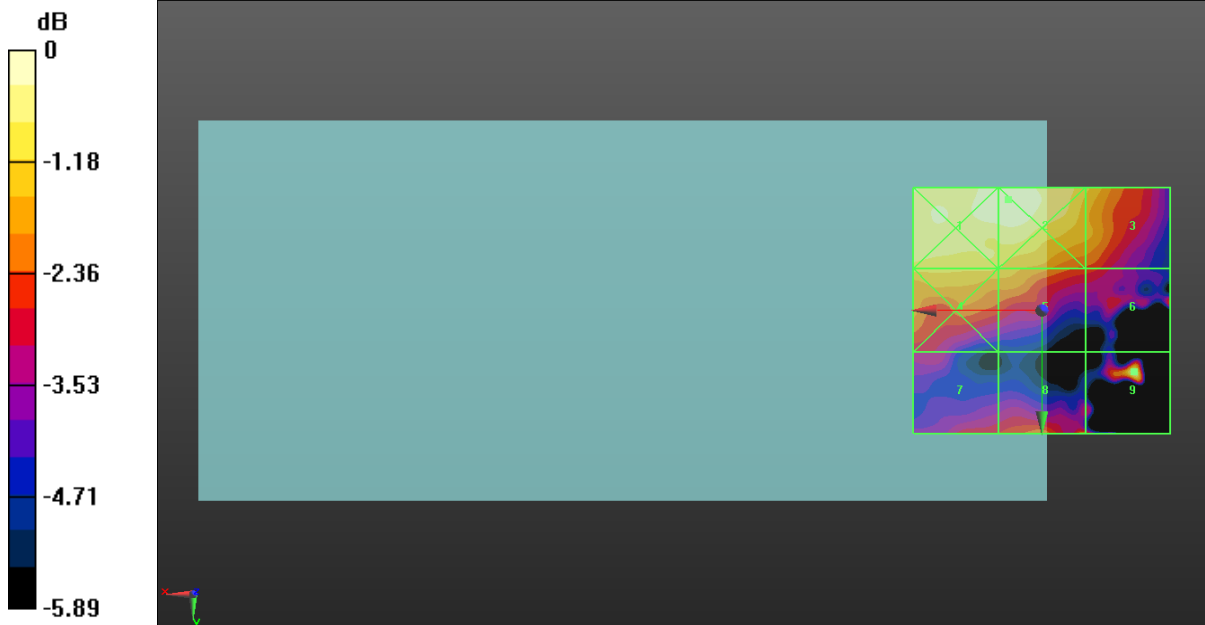
Grid 1 M4 16.79 dBV/m	Grid 2 M4 16.81 dBV/m	Grid 3 M4 15.77 dBV/m
Grid 4 M4 15.82 dBV/m	Grid 5 M4 15.64 dBV/m	Grid 6 M4 14.94 dBV/m
Grid 7 M4 14.1 dBV/m	Grid 8 M4 15.11 dBV/m	Grid 9 M4 16.62 dBV/m

**Cursor:**

Total = 16.81 dBV/m

E Category: M4

Location: 6.5, -22.5, 7.7 mm



0 dB = 6.928 V/m = 16.81 dBV/m