

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: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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 = 40.82 V/m; Power Drift = 0.00 dB

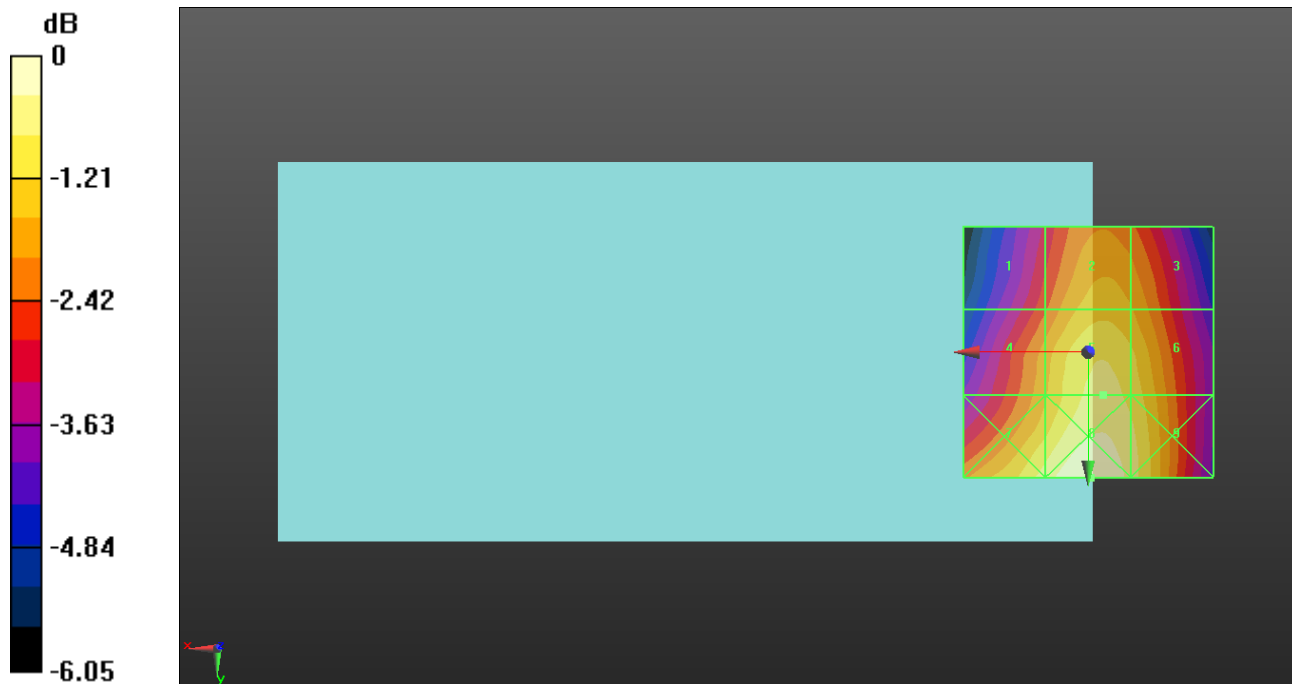
Applied MIF = 3.63 dB

RF audio interference level = 33.50 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 31.72 dBV/m	Grid 2 M4 32.84 dBV/m	Grid 3 M4 32.6 dBV/m
Grid 4 M4 32.52 dBV/m	Grid 5 M4 33.5 dBV/m	Grid 6 M4 33.25 dBV/m
Grid 7 M4 33.57 dBV/m	Grid 8 M4 34.17 dBV/m	Grid 9 M4 33.62 dBV/m



0 dB = 51.11 V/m = 34.17 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: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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 = 41.04 V/m; Power Drift = -0.04 dB

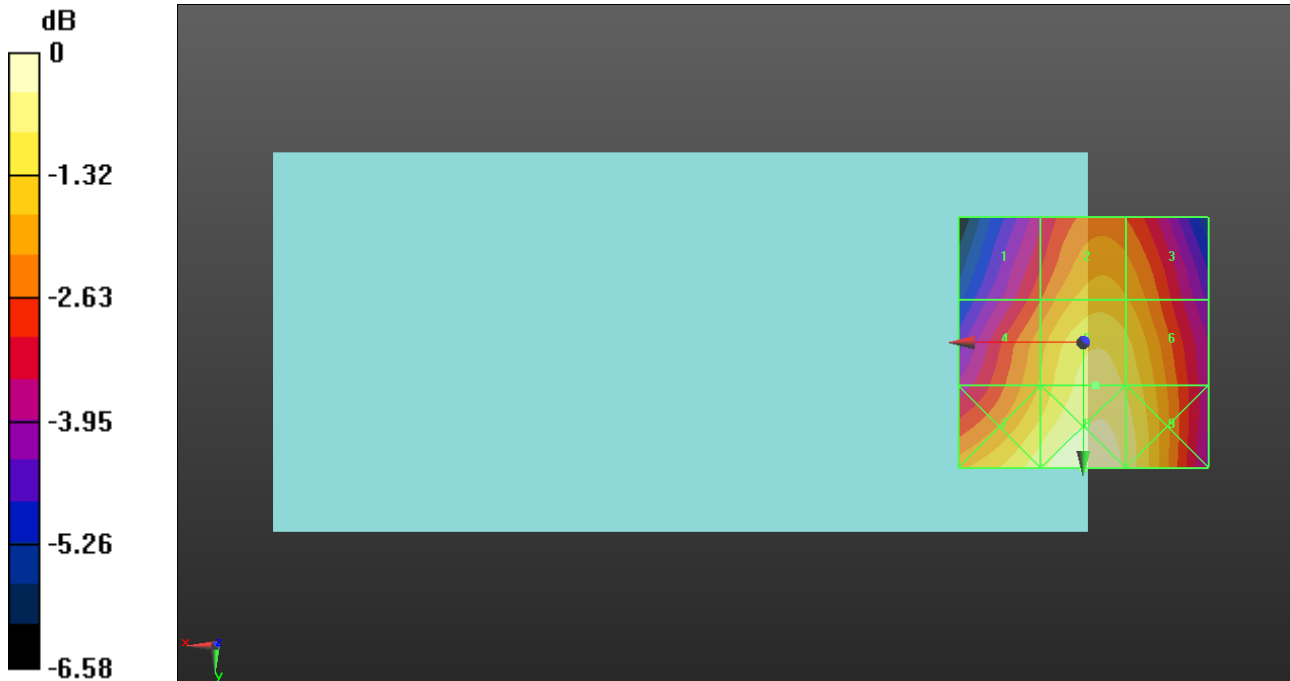
Applied MIF = 3.63 dB

RF audio interference level = 33.58 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 31.65 dBV/m	Grid 2 M4 32.81 dBV/m	Grid 3 M4 32.58 dBV/m
Grid 4 M4 32.61 dBV/m	Grid 5 M4 33.58 dBV/m	Grid 6 M4 33.35 dBV/m
Grid 7 M4 33.72 dBV/m	Grid 8 M4 34.28 dBV/m	Grid 9 M4 33.74 dBV/m



0 dB = 51.74 V/m = 34.28 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: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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 = 42.79 V/m; Power Drift = -0.14 dB

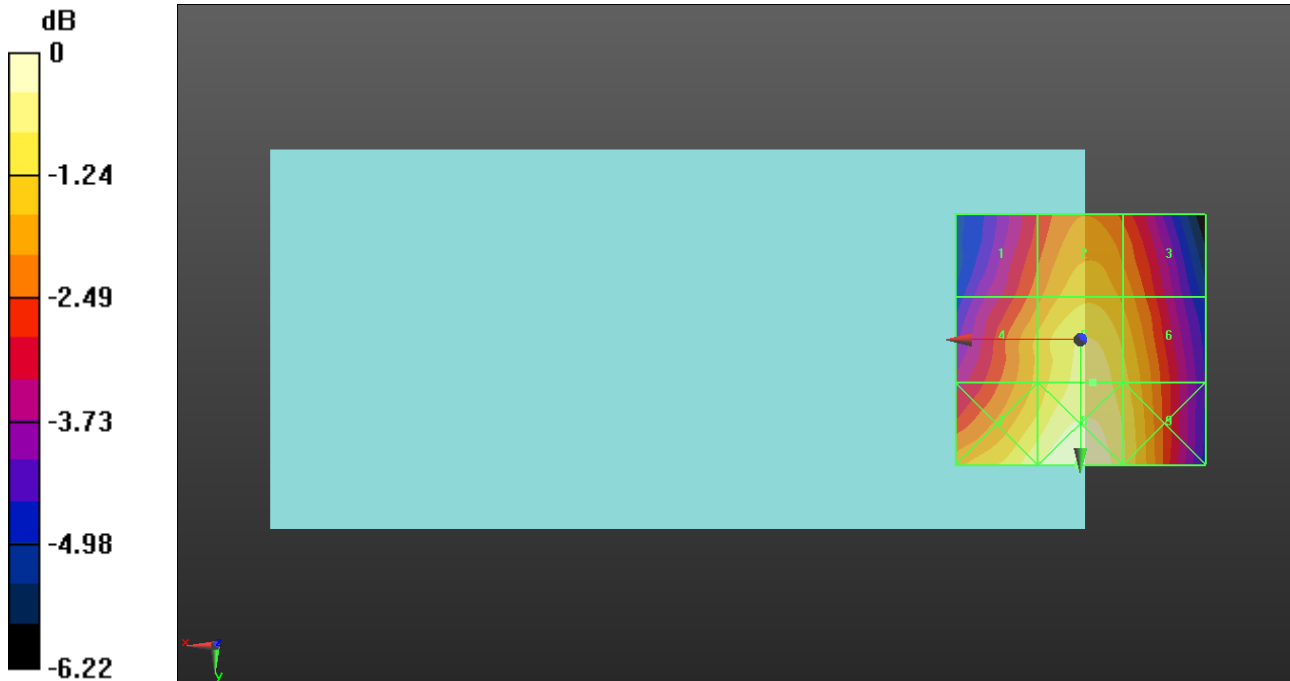
Applied MIF = 3.63 dB

RF audio interference level = 33.78 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 32.24 dBV/m	Grid 2 M4 33.11 dBV/m	Grid 3 M4 32.68 dBV/m
Grid 4 M4 32.9 dBV/m	Grid 5 M4 33.78 dBV/m	Grid 6 M4 33.35 dBV/m
Grid 7 M4 33.96 dBV/m	Grid 8 M4 34.42 dBV/m	Grid 9 M4 33.65 dBV/m



0 dB = 52.58 V/m = 34.42 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: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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 = 5.348 V/m; Power Drift = 0.15 dB

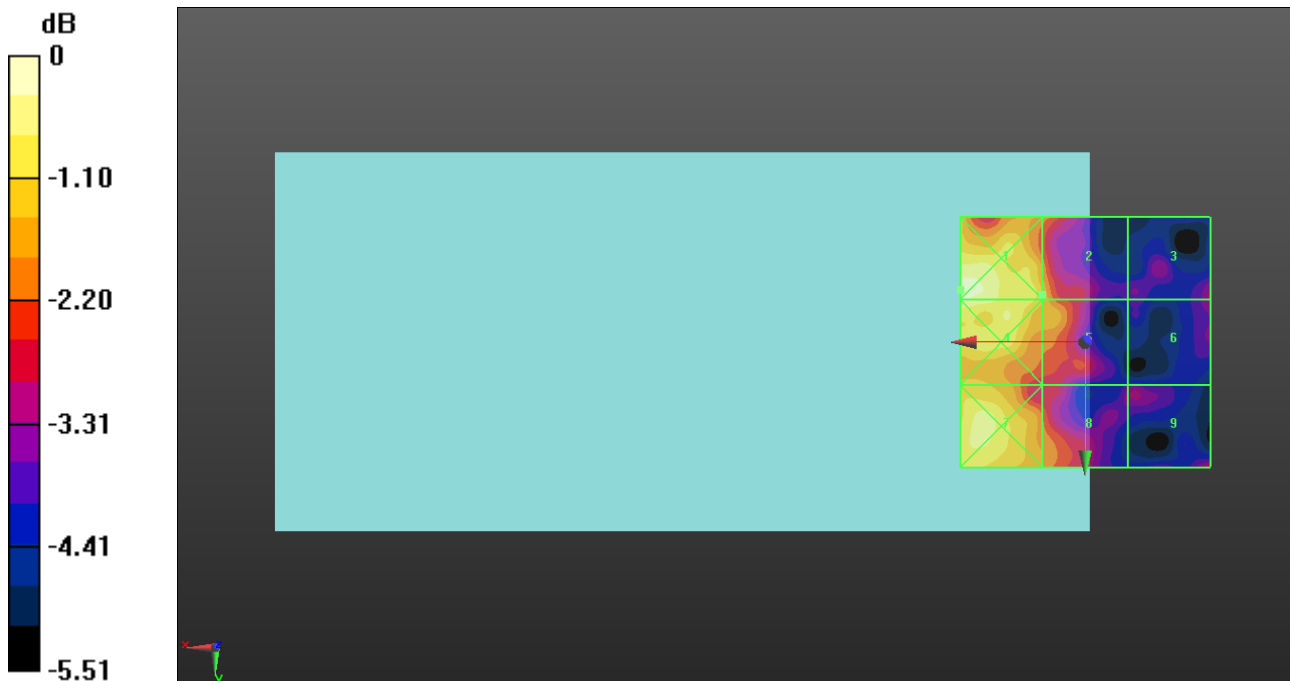
Applied MIF = 3.63 dB

RF audio interference level = 17.33 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.78 dBV/m	Grid 2 M4 17.33 dBV/m	Grid 3 M4 15.64 dBV/m
Grid 4 M4 18.58 dBV/m	Grid 5 M4 17.32 dBV/m	Grid 6 M4 15.61 dBV/m
Grid 7 M4 18.24 dBV/m	Grid 8 M4 16.96 dBV/m	Grid 9 M4 16.2 dBV/m



0 dB = 8.693 V/m = 18.78 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: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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 = 5.460 V/m; Power Drift = 0.16 dB

Applied MIF = 3.63 dB

RF audio interference level = 17.53 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 18.44 dBV/m	Grid 2 M4 17.18 dBV/m	Grid 3 M4 15.68 dBV/m
Grid 4 M4 18.35 dBV/m	Grid 5 M4 17.53 dBV/m	Grid 6 M4 15.68 dBV/m
Grid 7 M4 18.19 dBV/m	Grid 8 M4 17.41 dBV/m	Grid 9 M4 15.78 dBV/m



0 dB = 8.355 V/m = 18.44 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: 2019-09-24
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2020-03-20
- 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 = 5.807 V/m; Power Drift = 0.08 dB

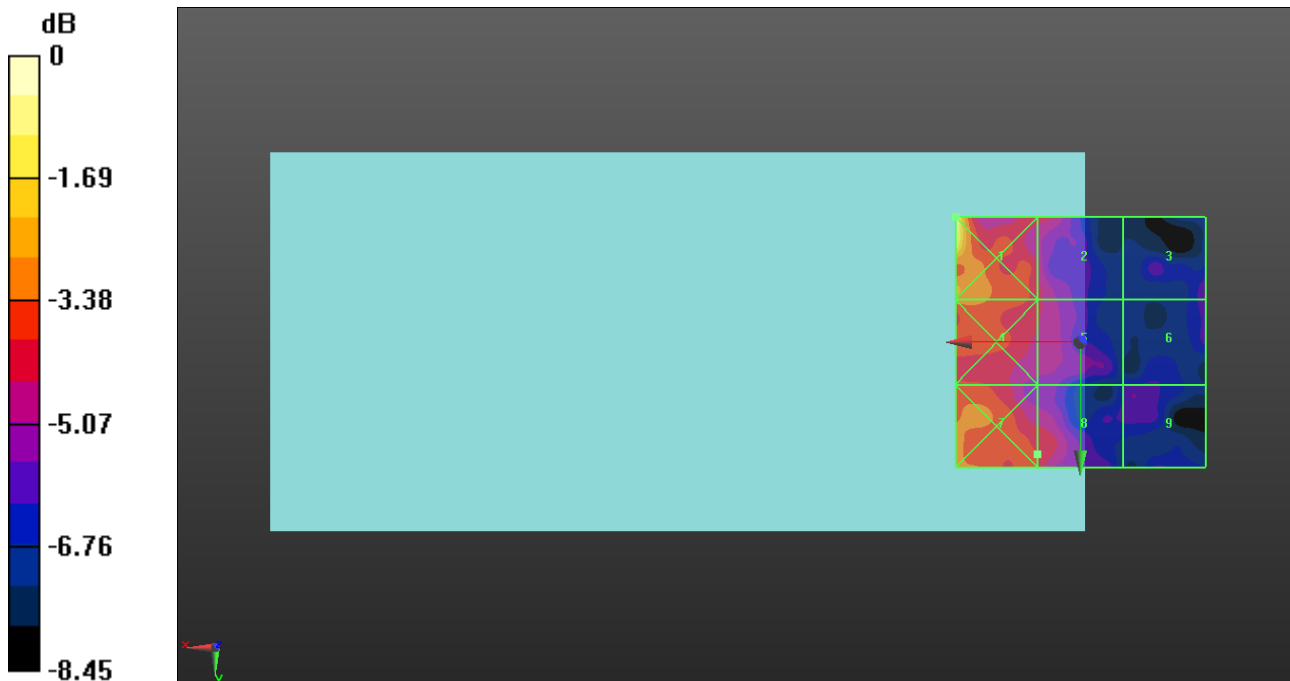
Applied MIF = 3.63 dB

RF audio interference level = 17.58 dBV/m

Emission category: **M4**

MIF scaled E-field

Grid 1 M4 21.55 dBV/m	Grid 2 M4 17.3 dBV/m	Grid 3 M4 16.06 dBV/m
Grid 4 M4 18.53 dBV/m	Grid 5 M4 17.28 dBV/m	Grid 6 M4 16.04 dBV/m
Grid 7 M4 18.42 dBV/m	Grid 8 M4 17.58 dBV/m	Grid 9 M4 15.95 dBV/m



0 dB = 11.95 V/m = 21.55 dBV/m