GSM 850

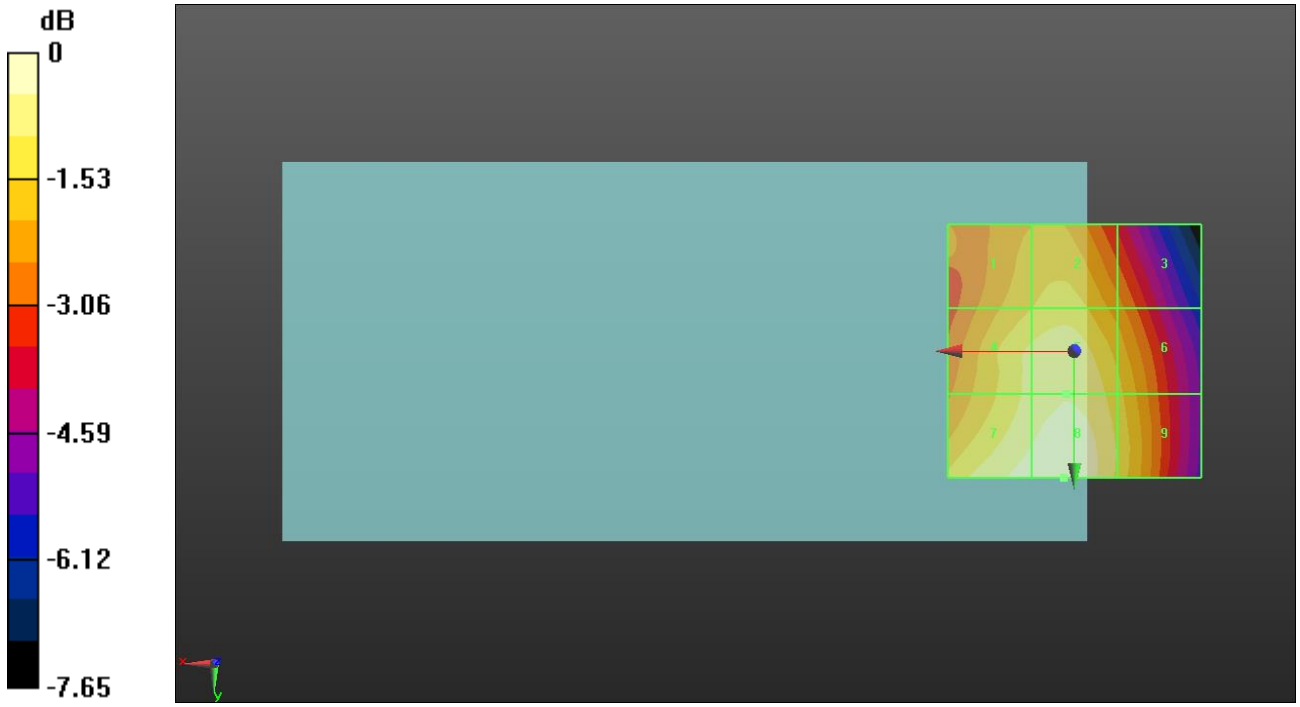
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2018-03-15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

GSM850 E-Field measurement/Voice_ch 128/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 = 53.63 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.50 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **34.96 dBV/m**	Grid 2 **M4** **35.24 dBV/m**	Grid 3 **M4** **34.19 dBV/m**
Grid 4 **M4** **35.65 dBV/m**	Grid 5 **M4** **35.95 dBV/m**	Grid 6 **M4** **35.16 dBV/m**
Grid 7 **M4** **36.31 dBV/m**	Grid 8 **M4** **36.5 dBV/m**	Grid 9 **M4** **35.44 dBV/m**



0 dB = 66.83 V/m = 36.50 dBV/m

GSM 850

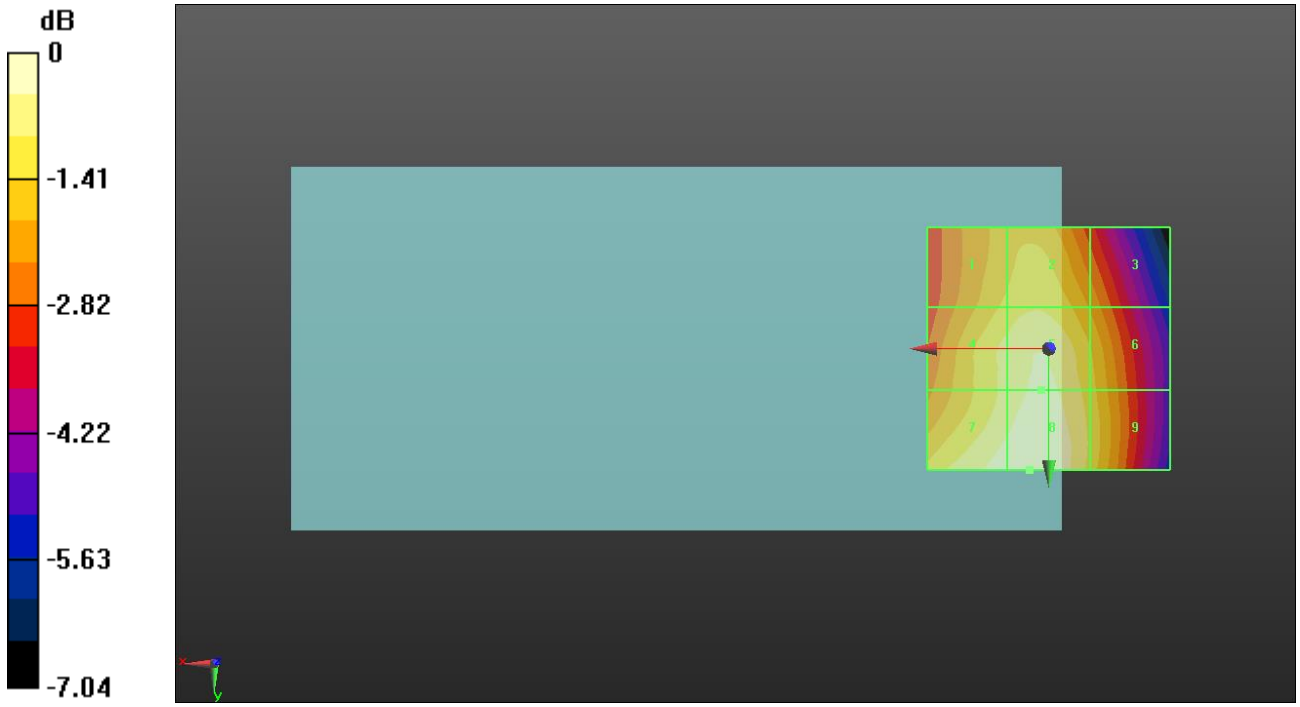
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2018-03-15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

GSM850 E-Field measurement/Voice_ch 190/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 = 57.67 V/m; Power Drift = 0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 36.93 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **35.69 dBV/m**	Grid 2 **M4** **35.96 dBV/m**	Grid 3 **M4** **35.01 dBV/m**
Grid 4 **M4** **36.19 dBV/m**	Grid 5 **M4** **36.55 dBV/m**	Grid 6 **M4** **35.74 dBV/m**
Grid 7 **M4** **36.77 dBV/m**	Grid 8 **M4** **36.93 dBV/m**	Grid 9 **M4** **35.92 dBV/m**



0 dB = 70.23 V/m = 36.93 dBV/m

GSM 850

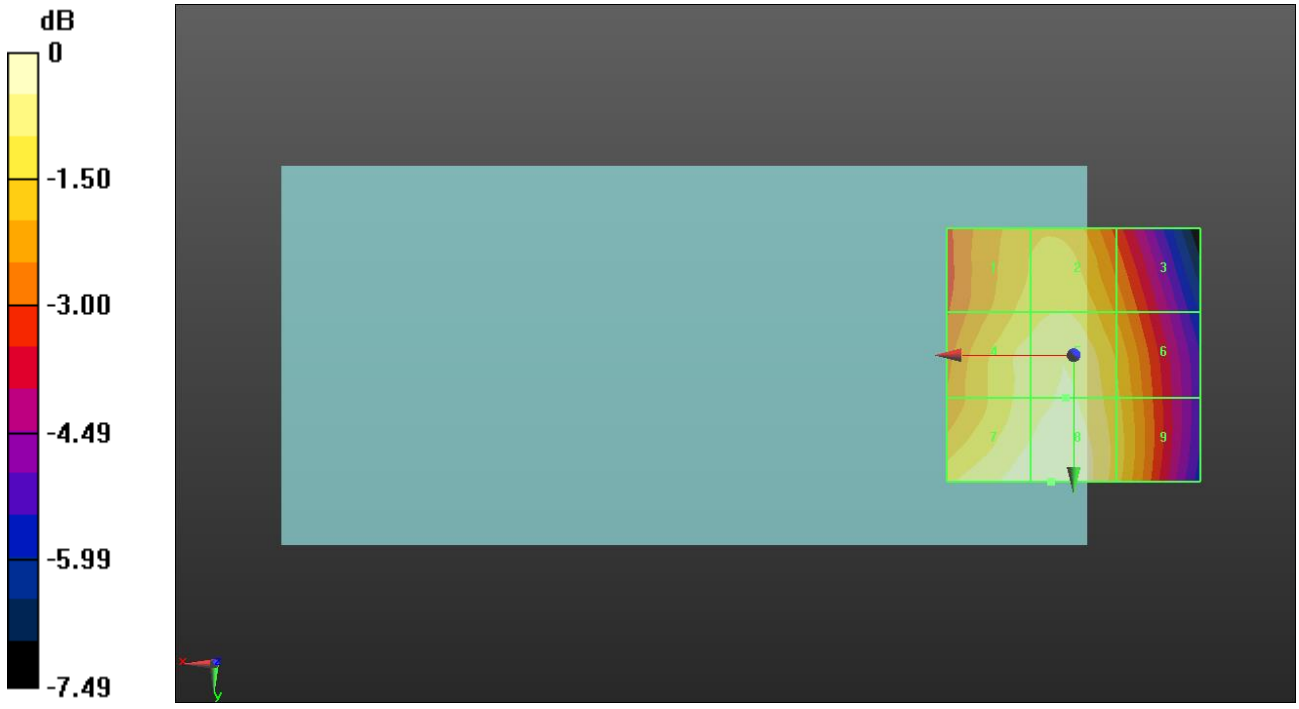
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2018-03-15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

GSM850 E-Field measurement/Voice_ch 251/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 = 59.07 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 37.17 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **35.95 dBV/m**	Grid 2 **M4** **36.19 dBV/m**	Grid 3 **M4** **35.08 dBV/m**
Grid 4 **M4** **36.46 dBV/m**	Grid 5 **M4** **36.73 dBV/m**	Grid 6 **M4** **35.8 dBV/m**
Grid 7 **M4** **37.02 dBV/m**	Grid 8 **M4** **37.17 dBV/m**	Grid 9 **M4** **35.98 dBV/m**



0 dB = 72.20 V/m = 37.17 dBV/m

GSM 1900

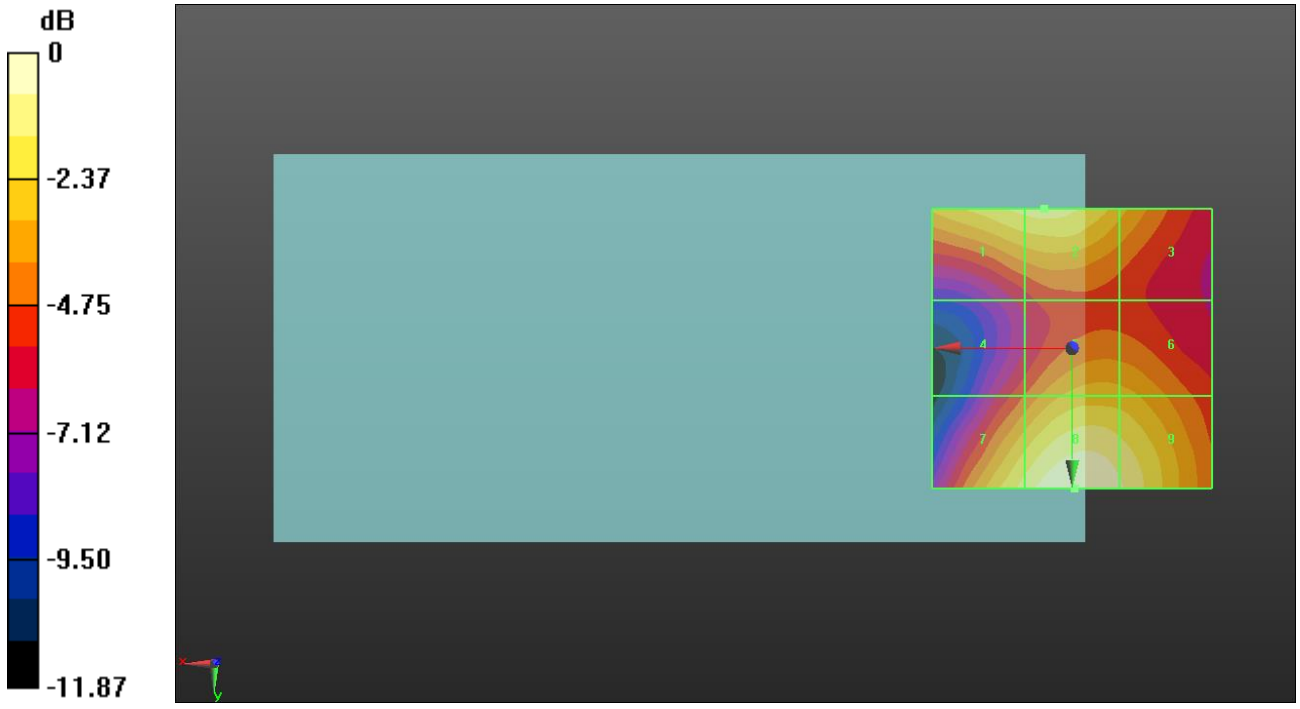
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2018-03-15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

GSM1900 E-Field measurement/Voice_ch 512/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 = 17.14 V/m; Power Drift = -0.09 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.57 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **29.29 dBV/m**	Grid 2 **M4** **29.42 dBV/m**	Grid 3 **M4** **27.76 dBV/m**
Grid 4 **M4** **25.89 dBV/m**	Grid 5 **M4** **27.87 dBV/m**	Grid 6 **M4** **27.78 dBV/m**
Grid 7 **M4** **29.34 dBV/m**	Grid 8 **M3** **30.57 dBV/m**	Grid 9 **M4** **29.89 dBV/m**



0 dB = 33.78 V/m = 30.57 dBV/m

GSM 1900

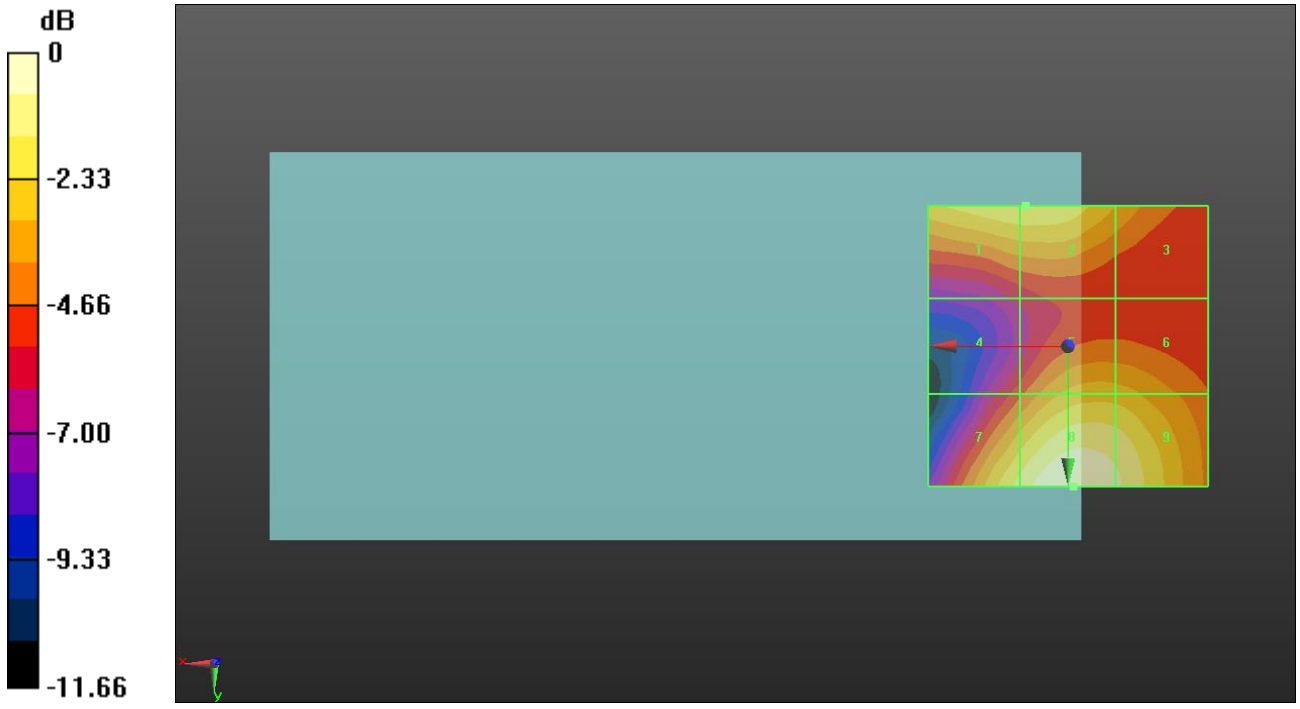
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2018-03-15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

GSM1900 E-Field measurement/Voice_ch 661/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 = 16.21 V/m; Power Drift = -0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.77 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **29.27 dBV/m**	Grid 2 **M4** **29.28 dBV/m**	Grid 3 **M4** **27.67 dBV/m**
Grid 4 **M4** **25.96 dBV/m**	Grid 5 **M4** **28.15 dBV/m**	Grid 6 **M4** **28.08 dBV/m**
Grid 7 **M4** **29.57 dBV/m**	Grid 8 **M3** **30.77 dBV/m**	Grid 9 **M3** **30.18 dBV/m**



0 dB = 34.57 V/m = 30.77 dBV/m

GSM 1900

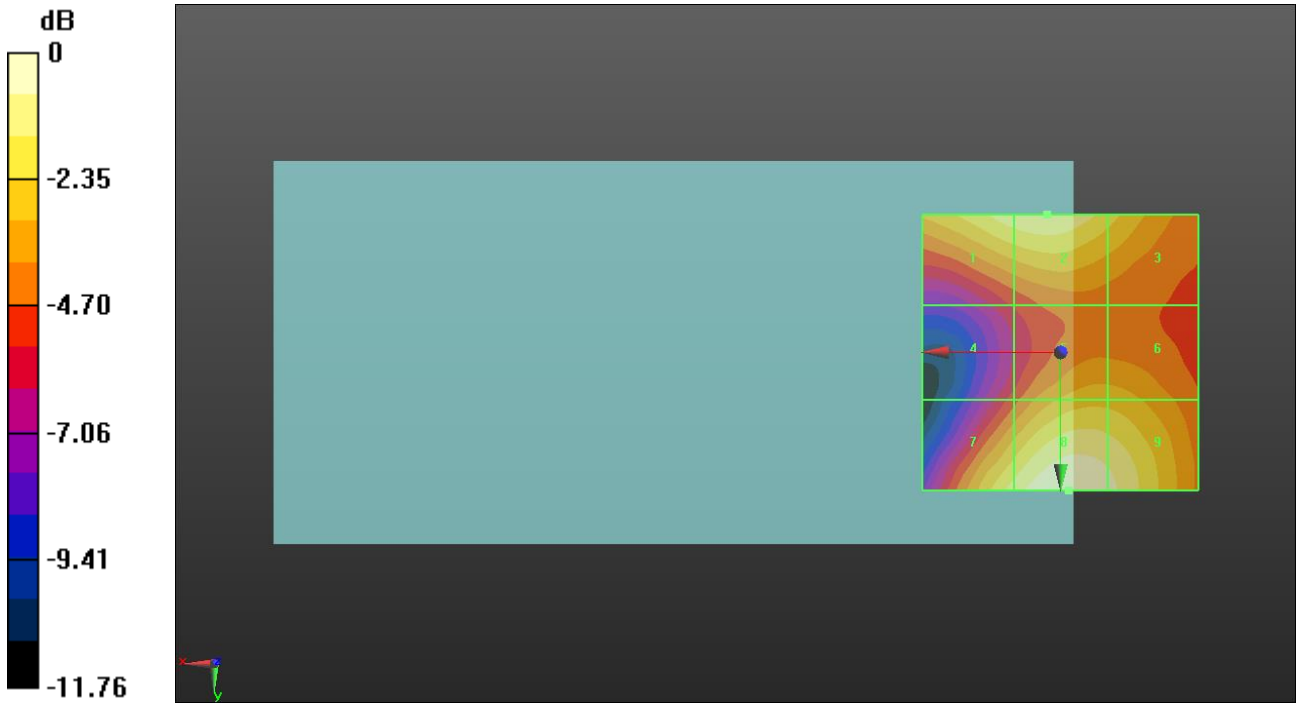
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2018-03-15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

GSM1900 E-Field measurement/Voice_ch 810/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 = 15.98 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.02 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **29.03 dBV/m**	Grid 2 **M4** **29.3 dBV/m**	Grid 3 **M4** **28.07 dBV/m**
Grid 4 **M4** **25 dBV/m**	Grid 5 **M4** **27.43 dBV/m**	Grid 6 **M4** **27.39 dBV/m**
Grid 7 **M4** **28.83 dBV/m**	Grid 8 **M3** **30.02 dBV/m**	Grid 9 **M4** **29.51 dBV/m**



0 dB = 31.71 V/m = 30.02 dBV/m

LTE Band 41

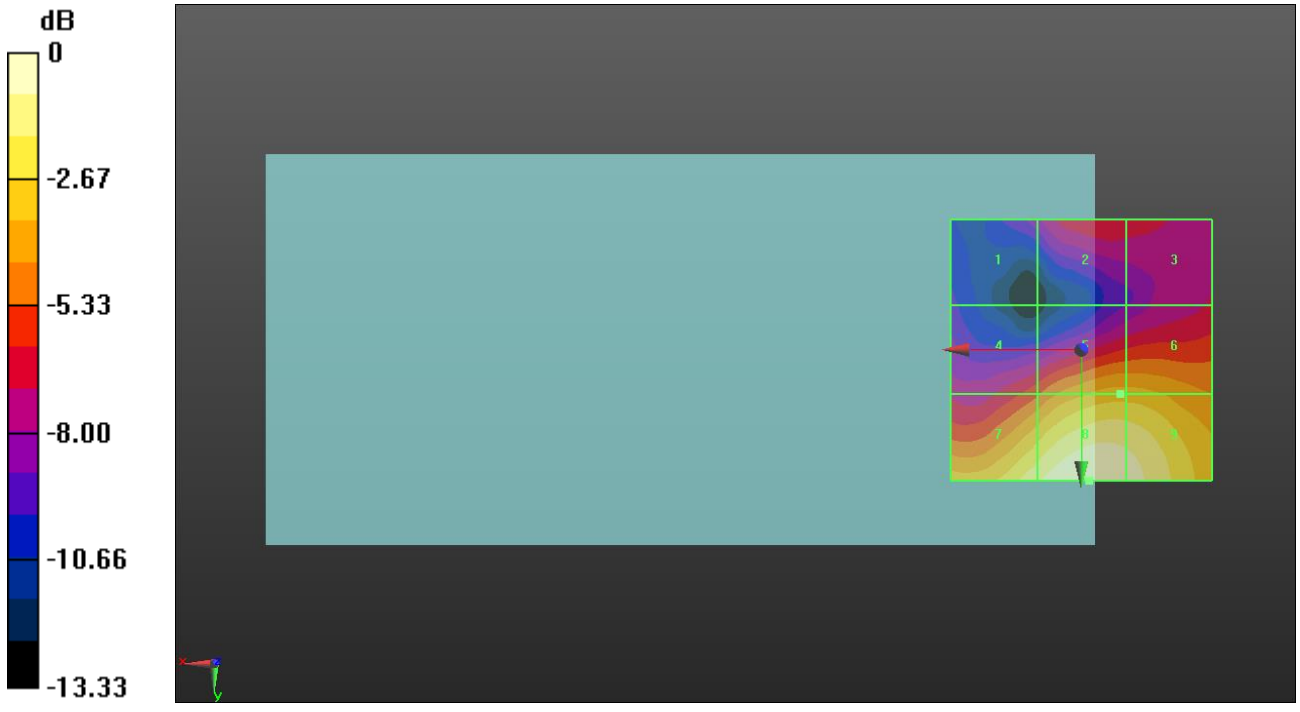
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2018-03-15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

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 = 11.37 V/m; Power Drift = -0.15 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.13 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.91 dBV/m**	Grid 2 **M4** **18.89 dBV/m**	Grid 3 **M4** **18.74 dBV/m**
Grid 4 **M4** **19.66 dBV/m**	Grid 5 **M4** **22.04 dBV/m**	Grid 6 **M4** **22.02 dBV/m**
Grid 7 **M4** **24.06 dBV/m**	Grid 8 **M4** **25.13 dBV/m**	Grid 9 **M4** **24.7 dBV/m**



0 dB = 18.05 V/m = 25.13 dBV/m

LTE Band 41

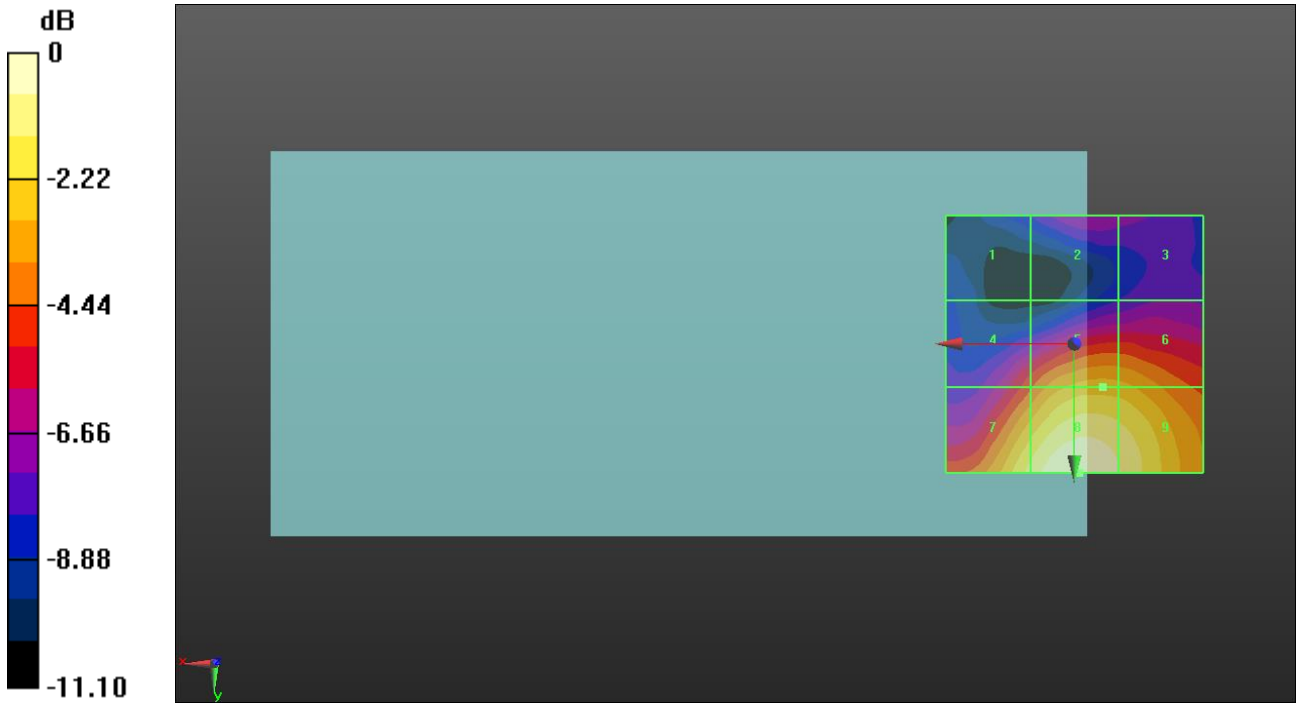
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2018-03-15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

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 = 13.20 V/m; Power Drift = 0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.33 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.32 dBV/m**	Grid 2 **M4** **17.78 dBV/m**	Grid 3 **M4** **17.47 dBV/m**
Grid 4 **M4** **19.81 dBV/m**	Grid 5 **M4** **21.77 dBV/m**	Grid 6 **M4** **21.7 dBV/m**
Grid 7 **M4** **23.16 dBV/m**	Grid 8 **M4** **24.33 dBV/m**	Grid 9 **M4** **23.67 dBV/m**



0 dB = 16.47 V/m = 24.33 dBV/m

LTE Band 41

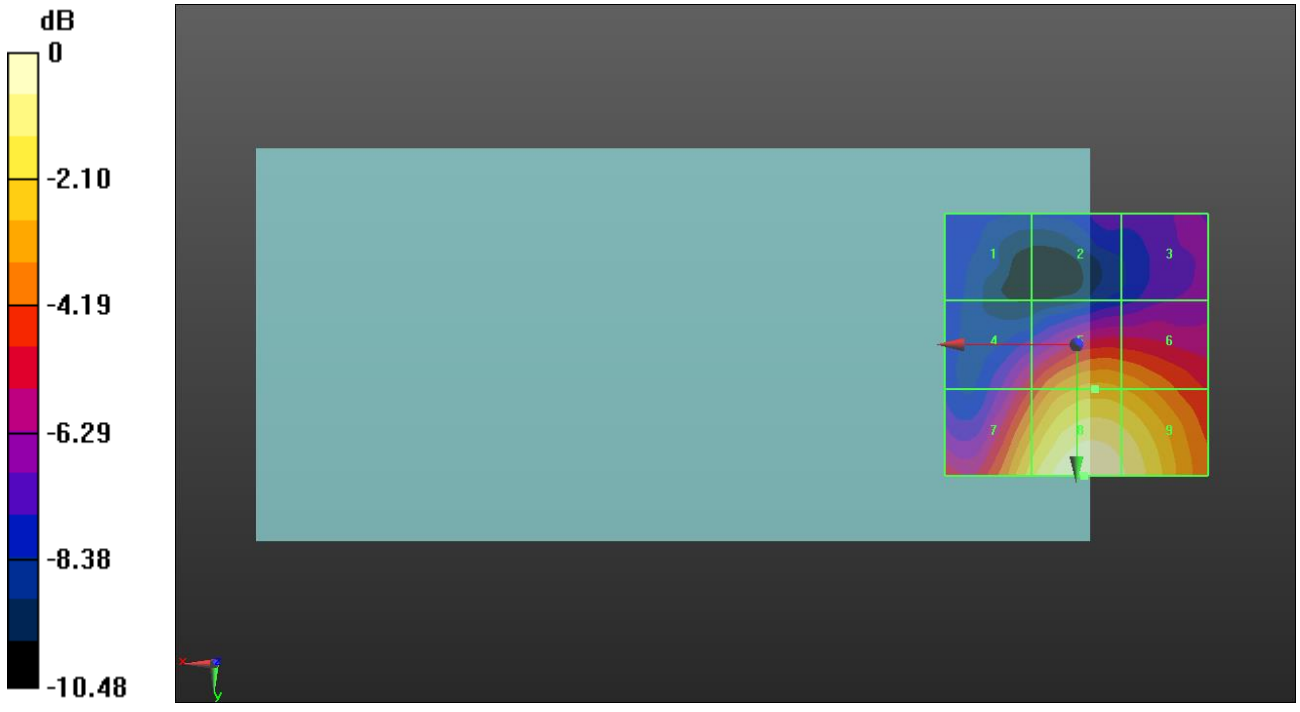
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2018-03-15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

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 = 12.68 V/m; Power Drift = 0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.65 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.06 dBV/m**	Grid 2 **M4** **16.47 dBV/m**	Grid 3 **M4** **17.04 dBV/m**
Grid 4 **M4** **18.9 dBV/m**	Grid 5 **M4** **21.15 dBV/m**	Grid 6 **M4** **20.93 dBV/m**
Grid 7 **M4** **22.02 dBV/m**	Grid 8 **M4** **23.65 dBV/m**	Grid 9 **M4** **23.08 dBV/m**



0 dB = 15.22 V/m = 23.65 dBV/m

LTE Band 41

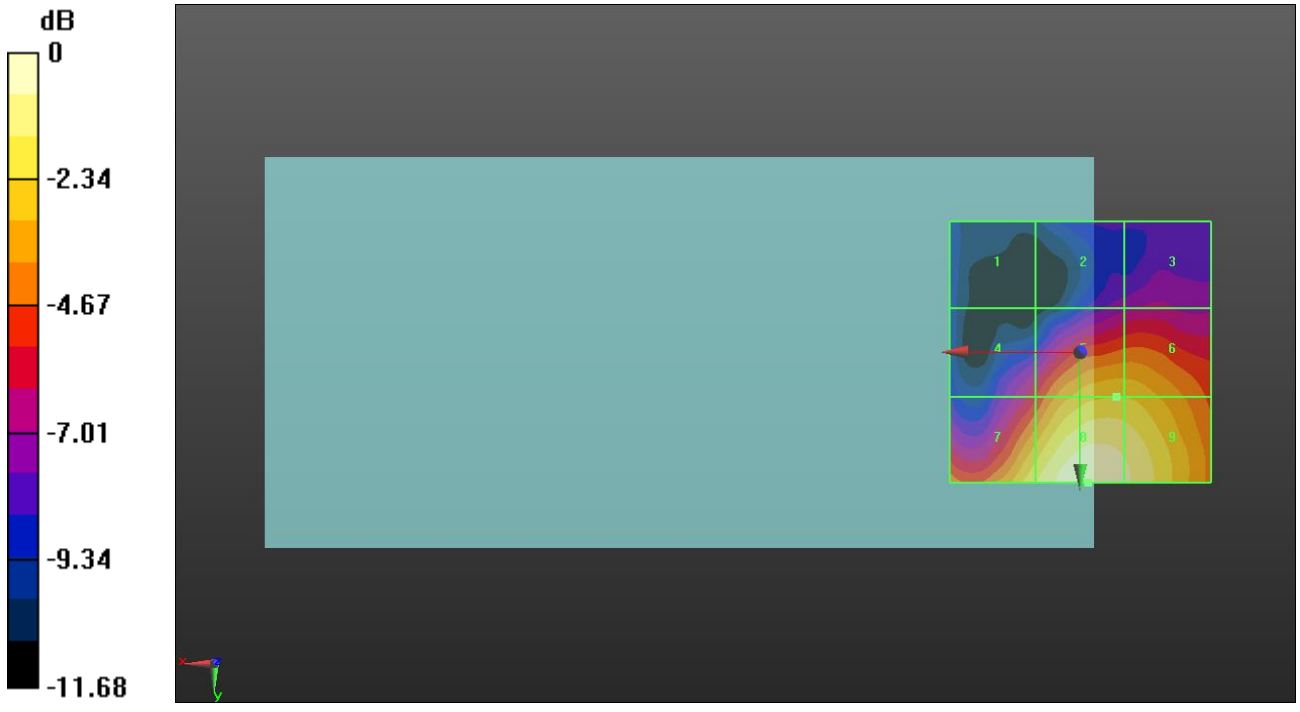
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2018-03-15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

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 = 11.66 V/m; Power Drift = 0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.55 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.51 dBV/m**	Grid 2 **M4** **15.33 dBV/m**	Grid 3 **M4** **15.81 dBV/m**
Grid 4 **M4** **17.06 dBV/m**	Grid 5 **M4** **20.22 dBV/m**	Grid 6 **M4** **20.19 dBV/m**
Grid 7 **M4** **21.01 dBV/m**	Grid 8 **M4** **22.55 dBV/m**	Grid 9 **M4** **21.93 dBV/m**



0 dB = 13.41 V/m = 22.55 dBV/m

LTE Band 41

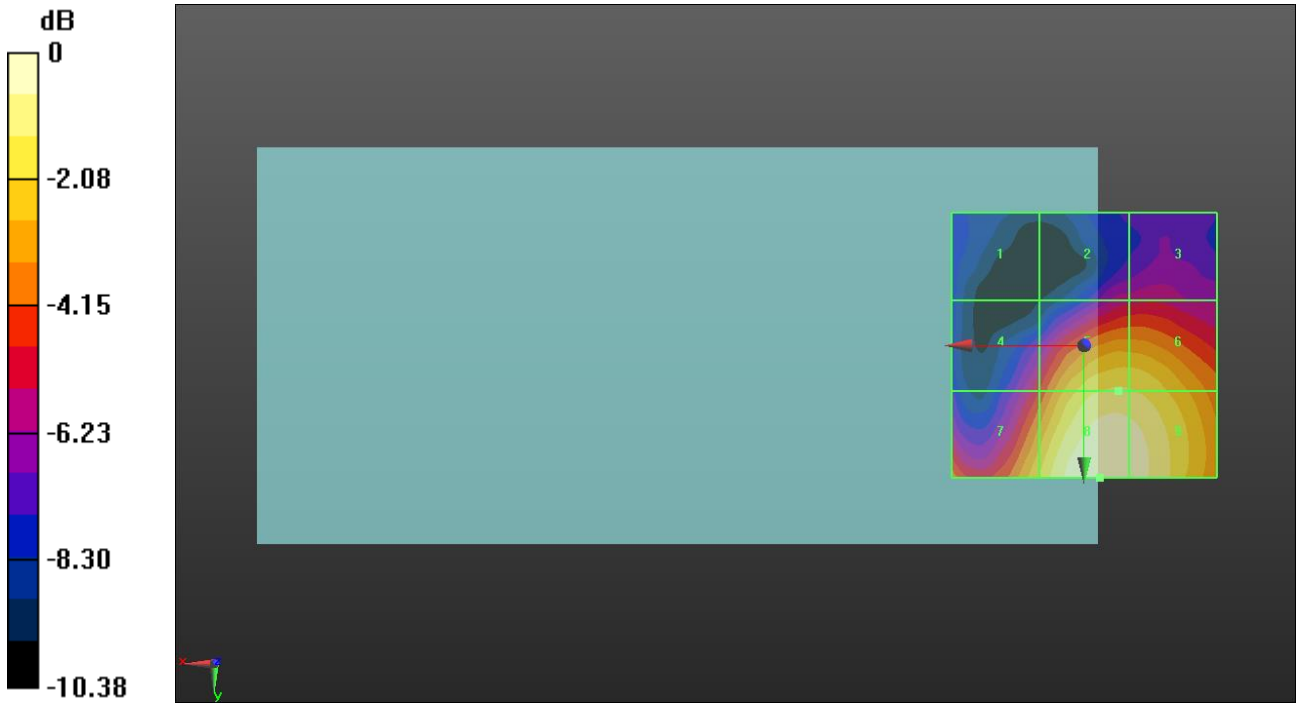
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4064; ConvF(1, 1, 1); Calibrated: 2018-11-15;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1447; Calibrated: 2018-03-15
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

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 = 13.40 V/m; Power Drift = 0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.52 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.94 dBV/m**	Grid 2 **M4** **16.76 dBV/m**	Grid 3 **M4** **16.95 dBV/m**
Grid 4 **M4** **17.7 dBV/m**	Grid 5 **M4** **21.25 dBV/m**	Grid 6 **M4** **21.2 dBV/m**
Grid 7 **M4** **20.49 dBV/m**	Grid 8 **M4** **22.52 dBV/m**	Grid 9 **M4** **22.27 dBV/m**



0 dB = 13.36 V/m = 22.52 dBV/m