ANT 1

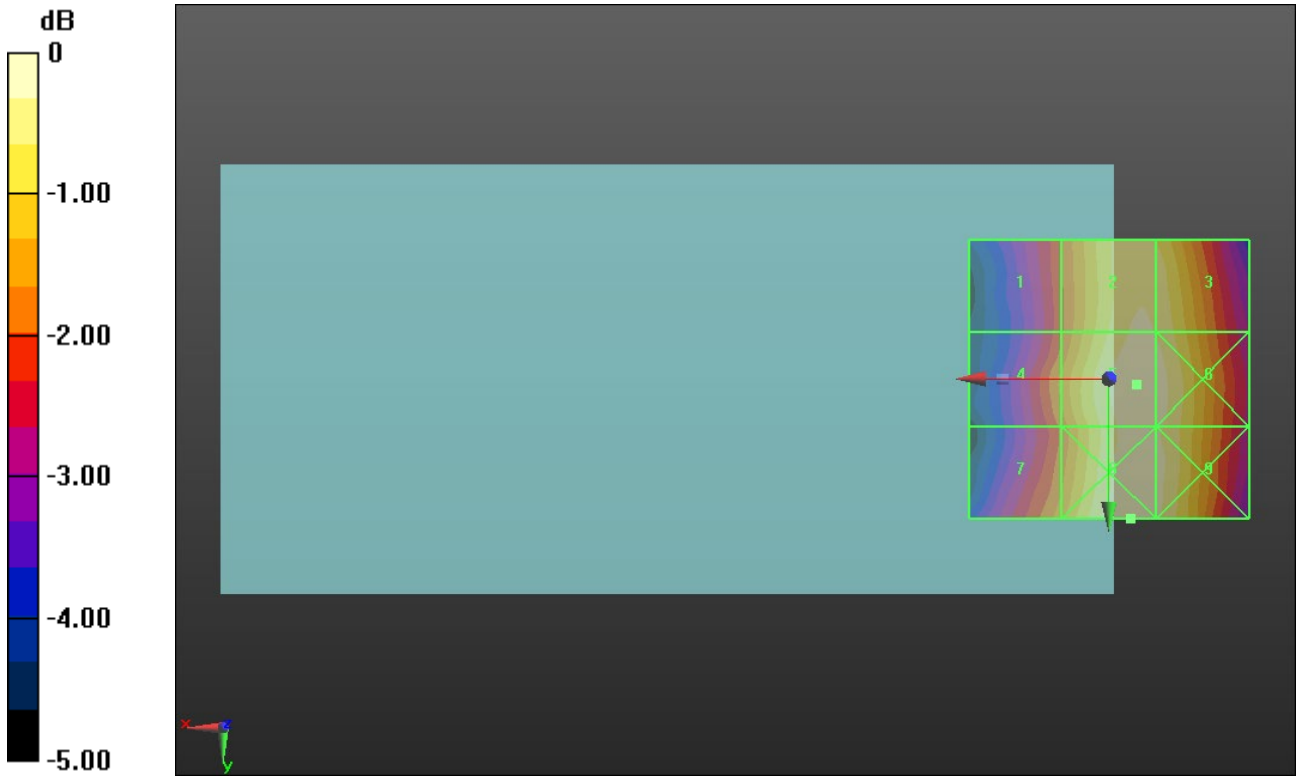
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 23.26 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.65 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.7 dBV/m**	Grid 2 **M4** **28.43 dBV/m**	Grid 3 **M4** **28.34 dBV/m**
Grid 4 **M4** **27.14 dBV/m**	Grid 5 **M4** **28.65 dBV/m**	Grid 6 **M4** **28.54 dBV/m**
Grid 7 **M4** **27.27 dBV/m**	Grid 8 **M4** **28.7 dBV/m**	Grid 9 **M4** **28.5 dBV/m**



0 dB = 27.22 V/m = 28.70 dBV/m

ANT 1

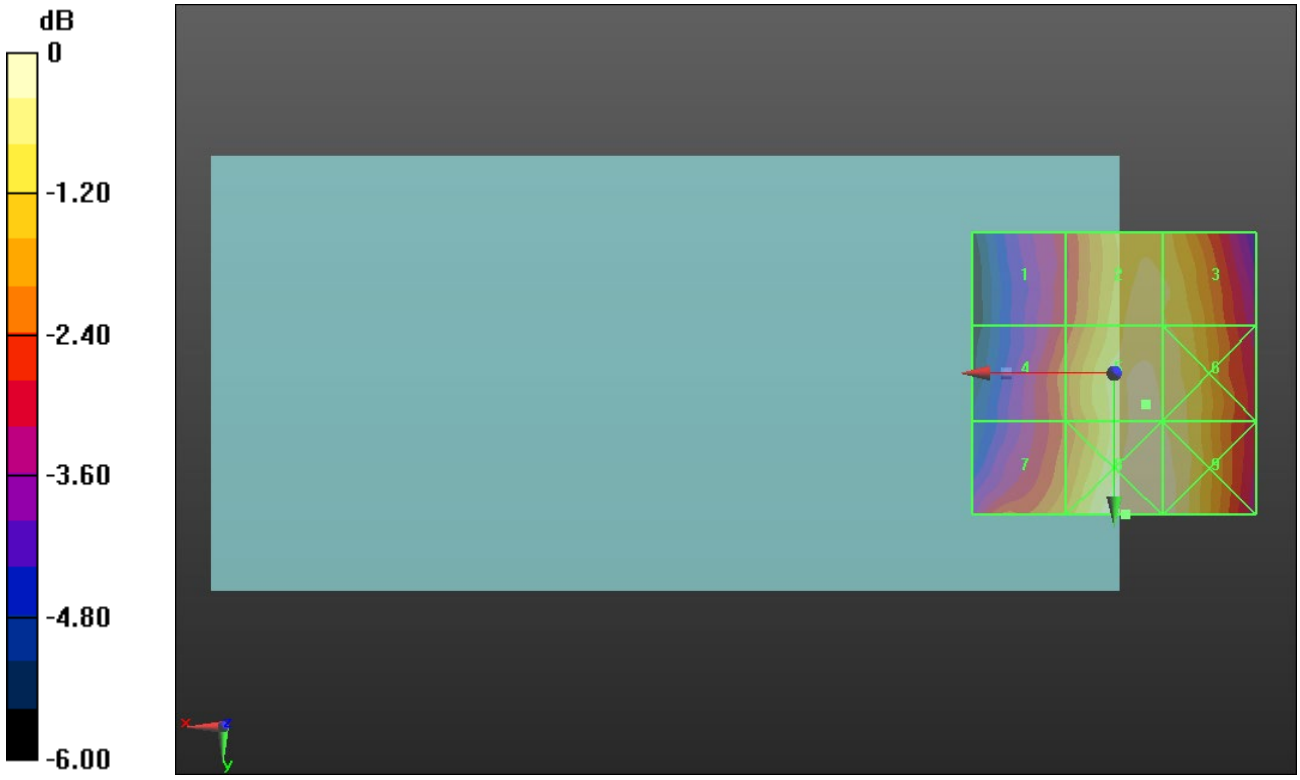
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 19.89 V/m; Power Drift = 0.16 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.65 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.22 dBV/m**	Grid 2 **M4** **27.3 dBV/m**	Grid 3 **M4** **27.18 dBV/m**
Grid 4 **M4** **25.8 dBV/m**	Grid 5 **M4** **27.65 dBV/m**	Grid 6 **M4** **27.53 dBV/m**
Grid 7 **M4** **26.42 dBV/m**	Grid 8 **M4** **27.89 dBV/m**	Grid 9 **M4** **27.75 dBV/m**



0 dB = 24.80 V/m = 27.89 dBV/m

ANT 1

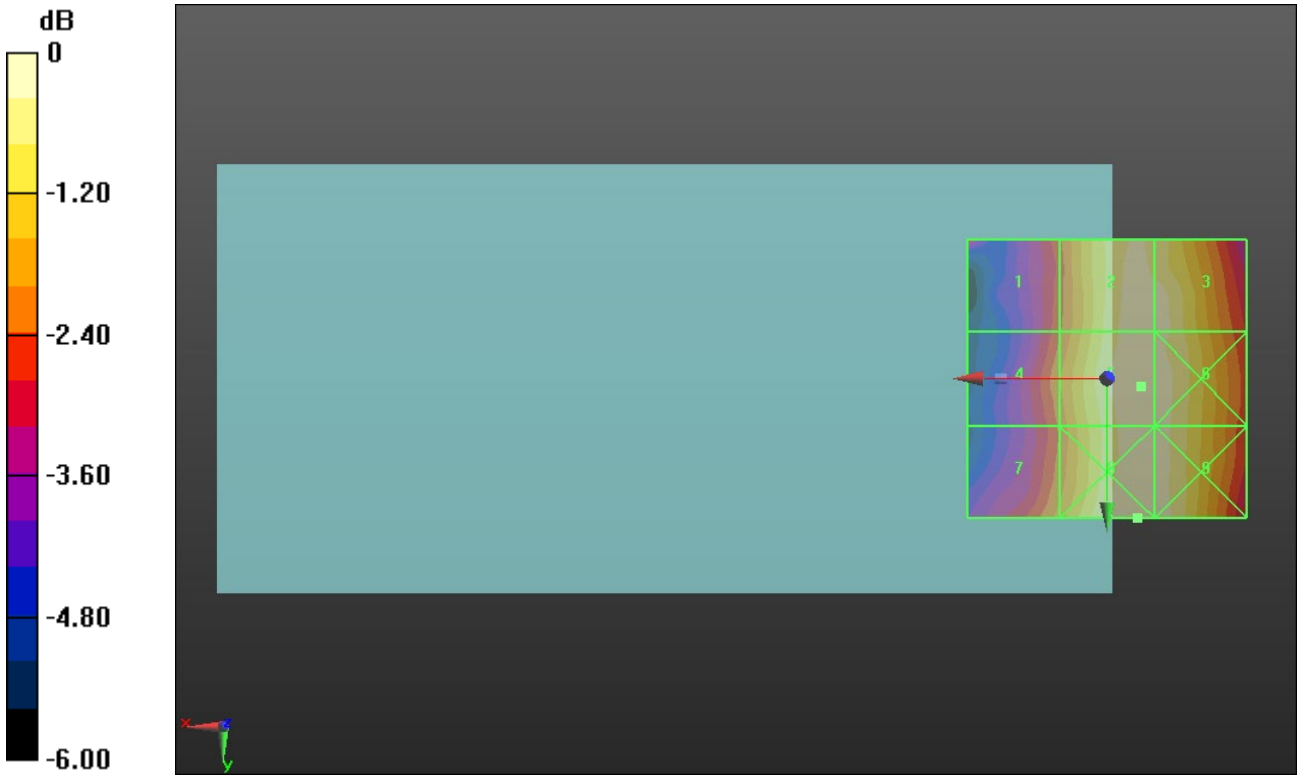
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 20.09 V/m; Power Drift = 0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.94 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.84 dBV/m**	Grid 2 **M4** **27.82 dBV/m**	Grid 3 **M4** **27.81 dBV/m**
Grid 4 **M4** **25.97 dBV/m**	Grid 5 **M4** **27.94 dBV/m**	Grid 6 **M4** **27.87 dBV/m**
Grid 7 **M4** **26.21 dBV/m**	Grid 8 **M4** **27.99 dBV/m**	Grid 9 **M4** **27.91 dBV/m**



0 dB = 25.09 V/m = 27.99 dBV/m

ANT 1

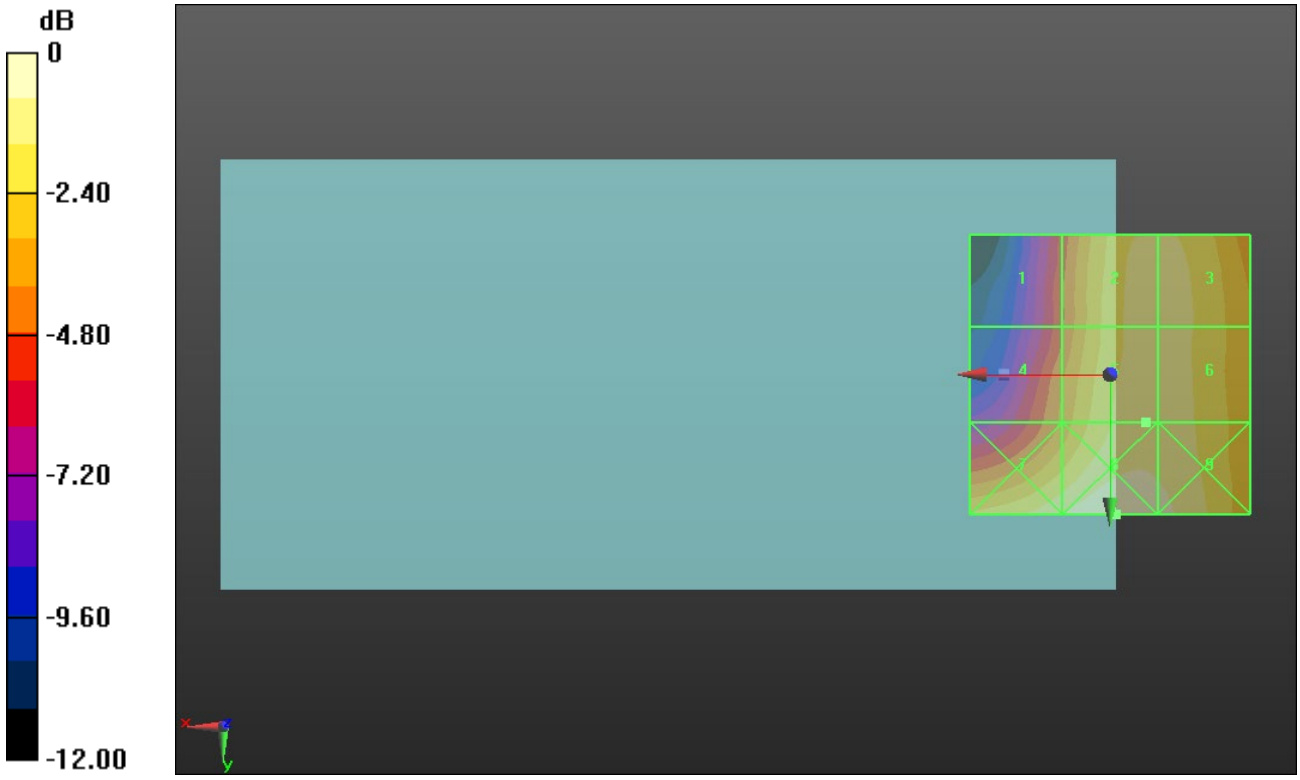
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 17.92 V/m; Power Drift = 0.10 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.17 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.47 dBV/m**	Grid 2 **M4** **27.11 dBV/m**	Grid 3 **M4** **27.11 dBV/m**
Grid 4 **M4** **24.55 dBV/m**	Grid 5 **M4** **27.17 dBV/m**	Grid 6 **M4** **27.11 dBV/m**
Grid 7 **M4** **27.46 dBV/m**	Grid 8 **M4** **28.28 dBV/m**	Grid 9 **M4** **27.81 dBV/m**



0 dB = 25.95 V/m = 28.28 dBV/m

ANT 1

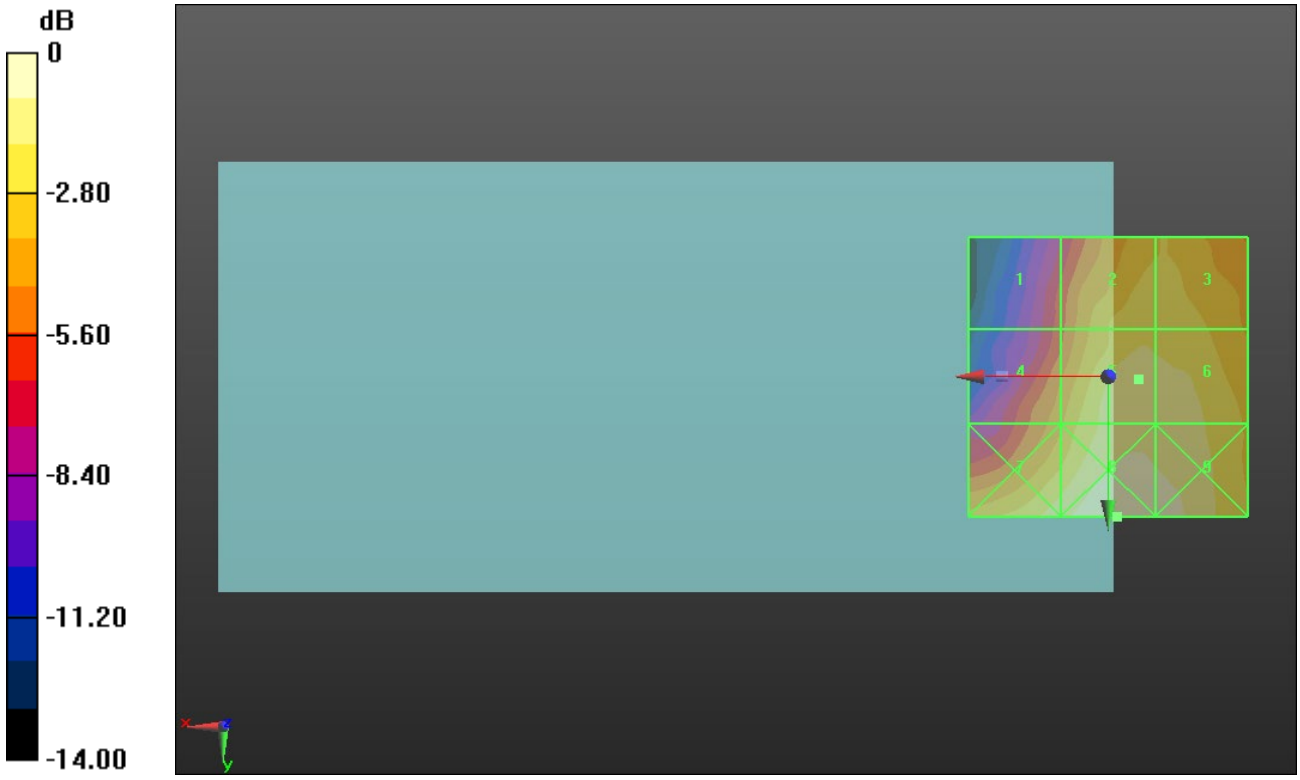
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 19.04 V/m; Power Drift = 0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.69 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.96 dBV/m**	Grid 2 **M4** **26.77 dBV/m**	Grid 3 **M4** **26.78 dBV/m**
Grid 4 **M4** **24.98 dBV/m**	Grid 5 **M4** **27.69 dBV/m**	Grid 6 **M4** **27.56 dBV/m**
Grid 7 **M4** **27.63 dBV/m**	Grid 8 **M4** **28.85 dBV/m**	Grid 9 **M4** **28.43 dBV/m**



0 dB = 27.70 V/m = 28.85 dBV/m

ANT 1

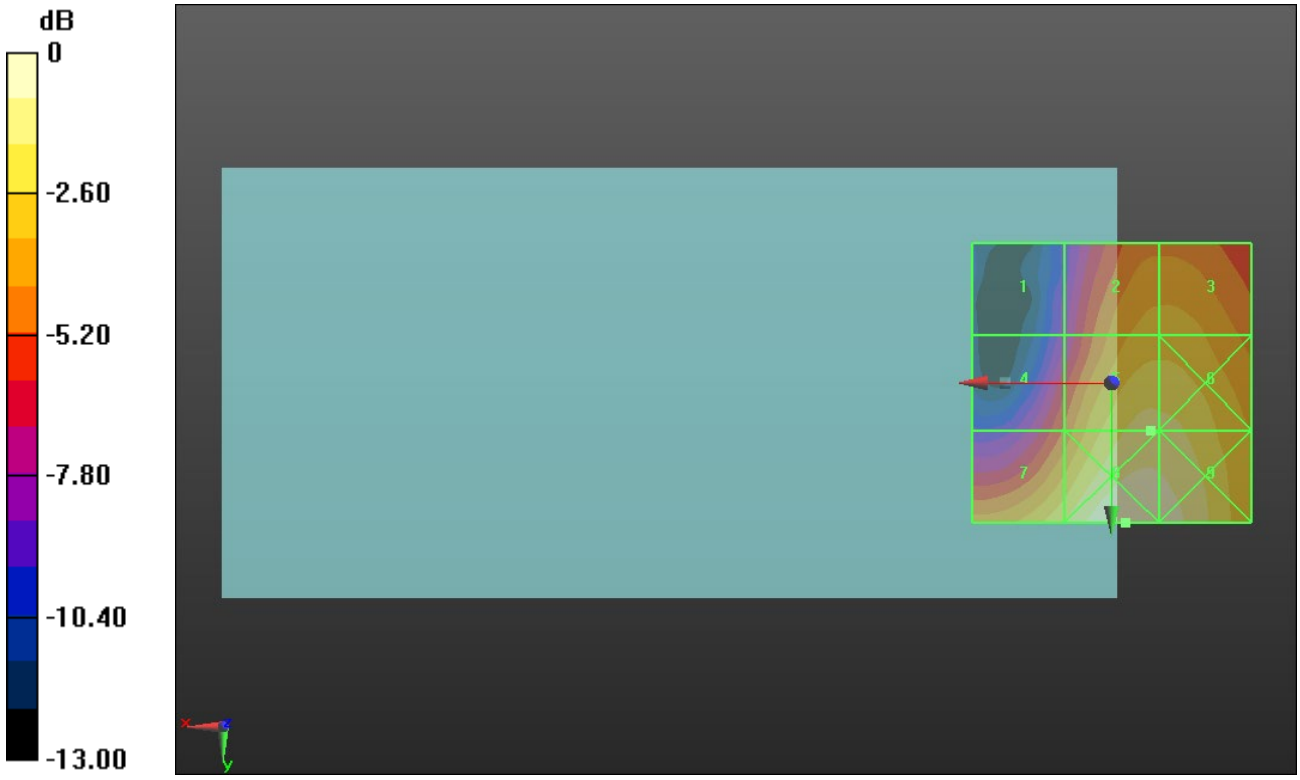
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 19.27 V/m; Power Drift = -0.18 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.41 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.82 dBV/m**	Grid 2 **M4** **26.78 dBV/m**	Grid 3 **M4** **26.78 dBV/m**
Grid 4 **M4** **24.76 dBV/m**	Grid 5 **M4** **28.41 dBV/m**	Grid 6 **M4** **28.38 dBV/m**
Grid 7 **M4** **28.07 dBV/m**	Grid 8 **M4** **29.78 dBV/m**	Grid 9 **M4** **29.52 dBV/m**



0 dB = 30.83 V/m = 29.78 dBV/m

ANT 1

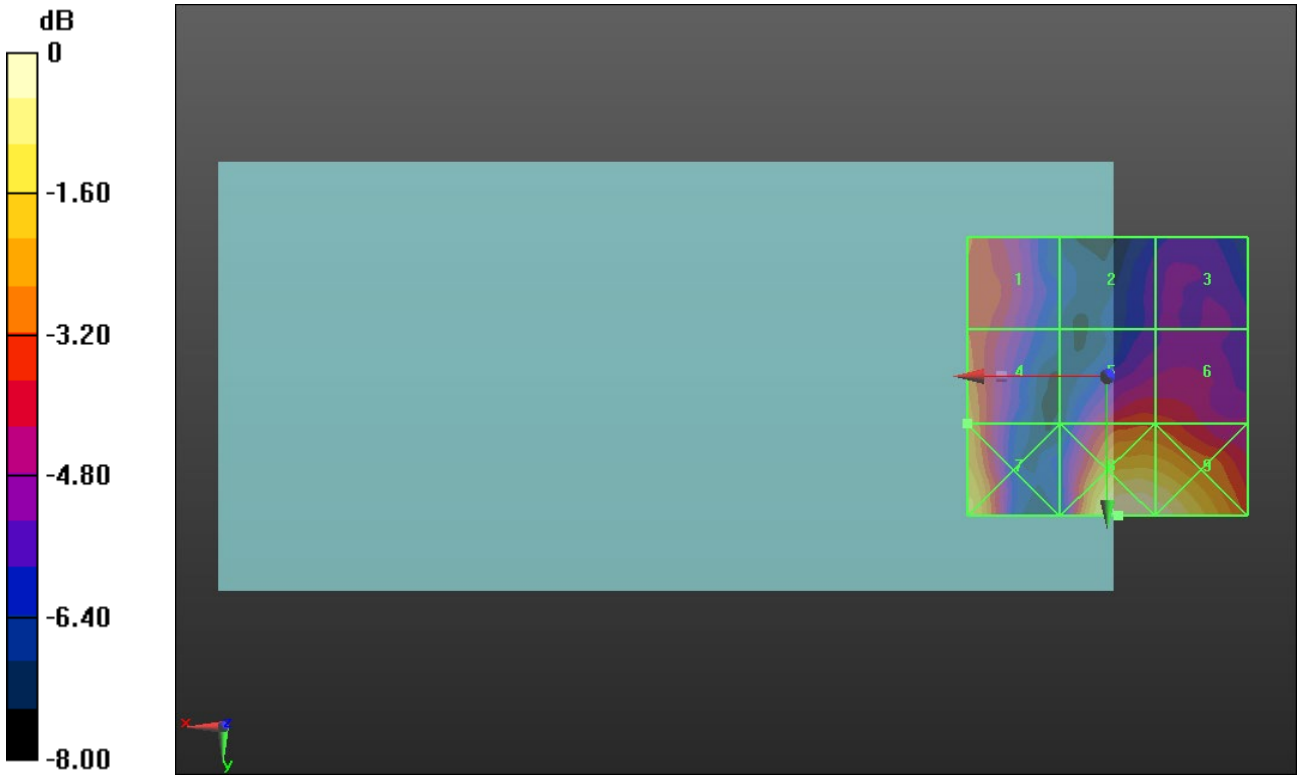
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 39750/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 = 8.594 V/m; Power Drift = 0.29 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.41 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.58 dBV/m**	Grid 2 **M4** **16.18 dBV/m**	Grid 3 **M4** **16.54 dBV/m**
Grid 4 **M4** **19.41 dBV/m**	Grid 5 **M4** **18.33 dBV/m**	Grid 6 **M4** **18.25 dBV/m**
Grid 7 **M4** **20.42 dBV/m**	Grid 8 **M4** **21.61 dBV/m**	Grid 9 **M4** **21.48 dBV/m**



0 dB = 12.04 V/m = 21.61 dBV/m

ANT 1

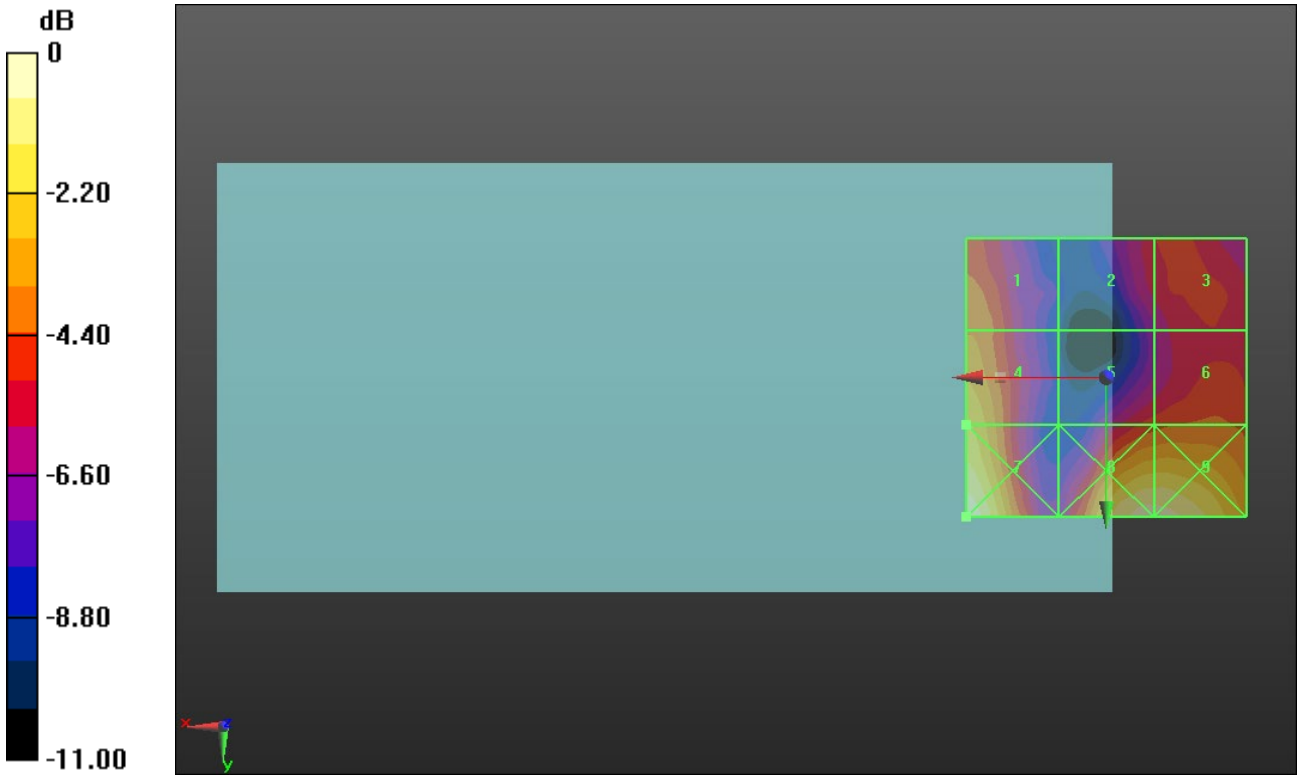
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40185/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 = 4.657 V/m; Power Drift = -0.10 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.41 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.7 dBV/m**	Grid 2 **M4** **16.26 dBV/m**	Grid 3 **M4** **16.63 dBV/m**
Grid 4 **M4** **19.41 dBV/m**	Grid 5 **M4** **16.75 dBV/m**	Grid 6 **M4** **17.24 dBV/m**
Grid 7 **M4** **21.45 dBV/m**	Grid 8 **M4** **21.13 dBV/m**	Grid 9 **M4** **21.1 dBV/m**



0 dB = 11.82 V/m = 21.45 dBV/m

ANT 1

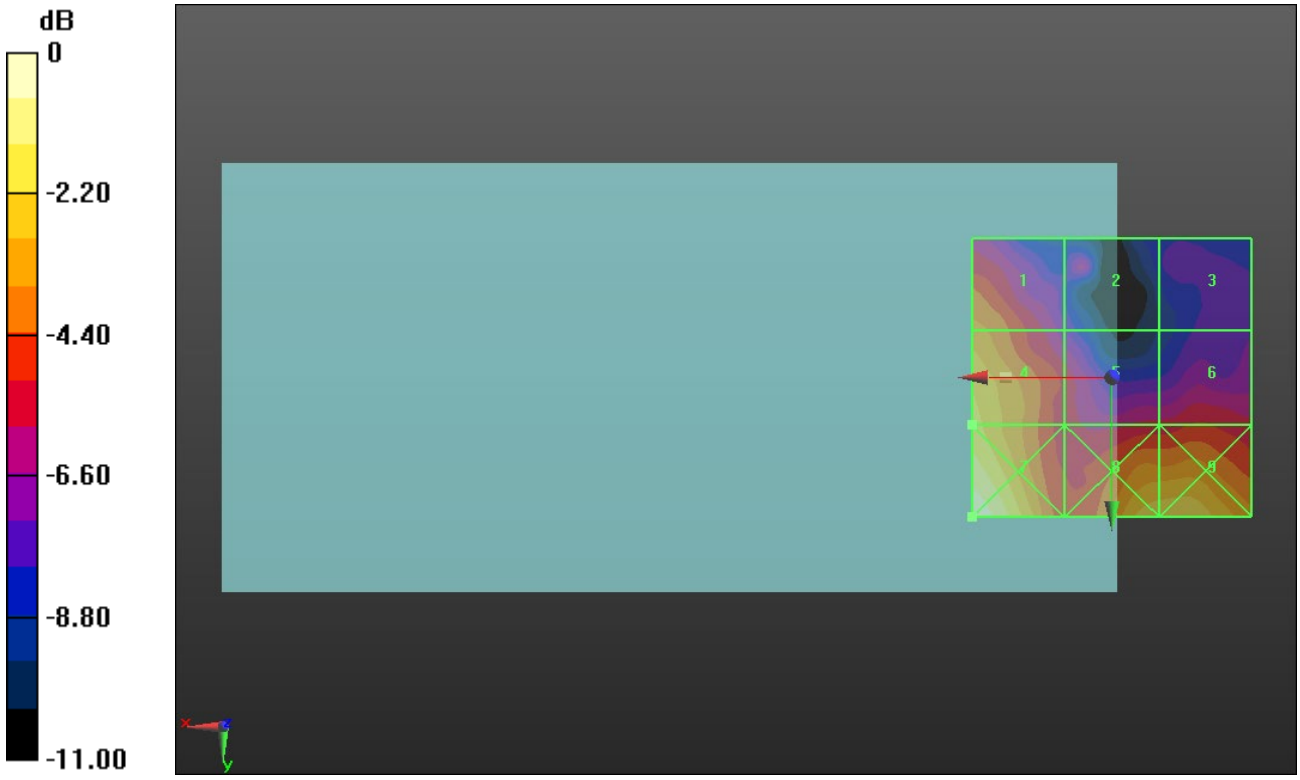
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40620/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 = 7.250 V/m; Power Drift = -0.26 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.51 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.95 dBV/m**	Grid 2 **M4** **15.97 dBV/m**	Grid 3 **M4** **14.94 dBV/m**
Grid 4 **M4** **20.51 dBV/m**	Grid 5 **M4** **17.02 dBV/m**	Grid 6 **M4** **17.32 dBV/m**
Grid 7 **M4** **22.33 dBV/m**	Grid 8 **M4** **20.67 dBV/m**	Grid 9 **M4** **20.81 dBV/m**



0 dB = 13.08 V/m = 22.33 dBV/m

ANT 1

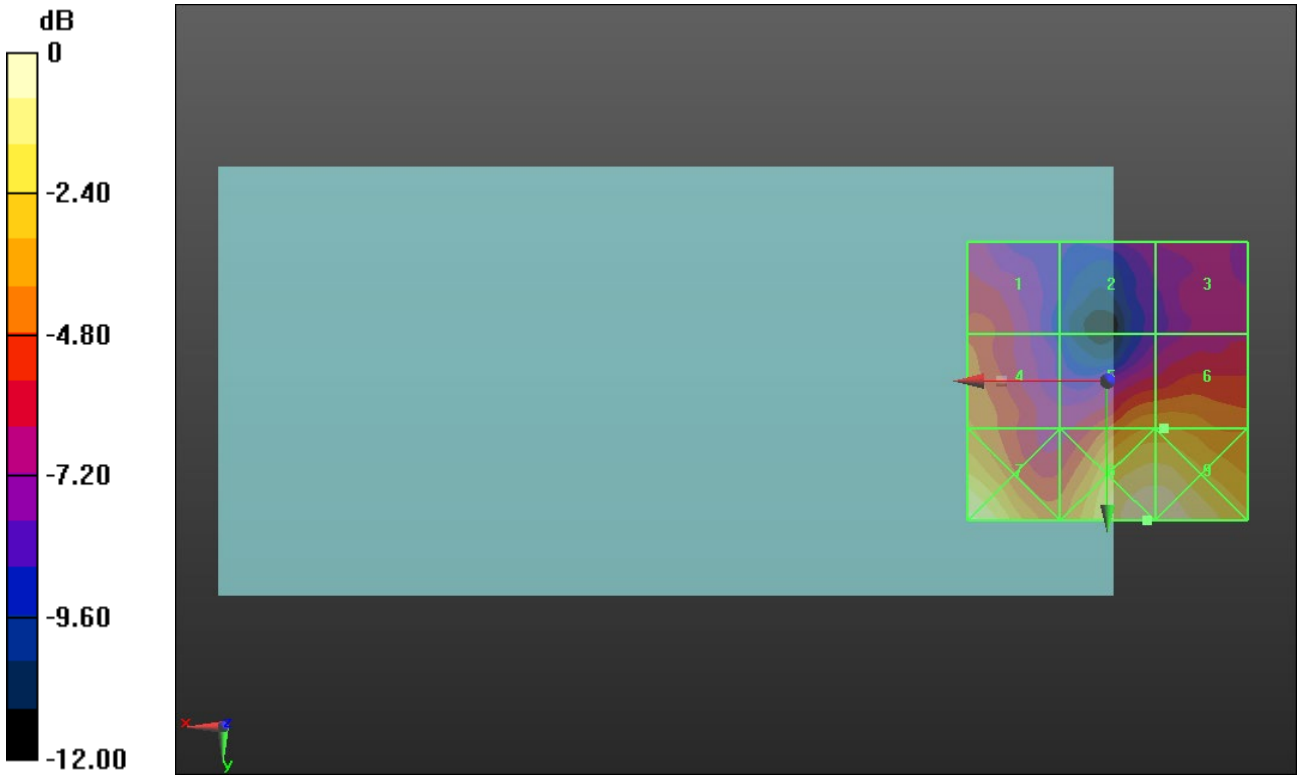
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41055/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 = 7.283 V/m; Power Drift = 0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.14 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17 dBV/m**	Grid 2 **M4** **15.09 dBV/m**	Grid 3 **M4** **15.84 dBV/m**
Grid 4 **M4** **18.44 dBV/m**	Grid 5 **M4** **19.11 dBV/m**	Grid 6 **M4** **19.14 dBV/m**
Grid 7 **M4** **21.73 dBV/m**	Grid 8 **M4** **22.22 dBV/m**	Grid 9 **M4** **22.14 dBV/m**



0 dB = 12.91 V/m = 22.22 dBV/m

ANT 1

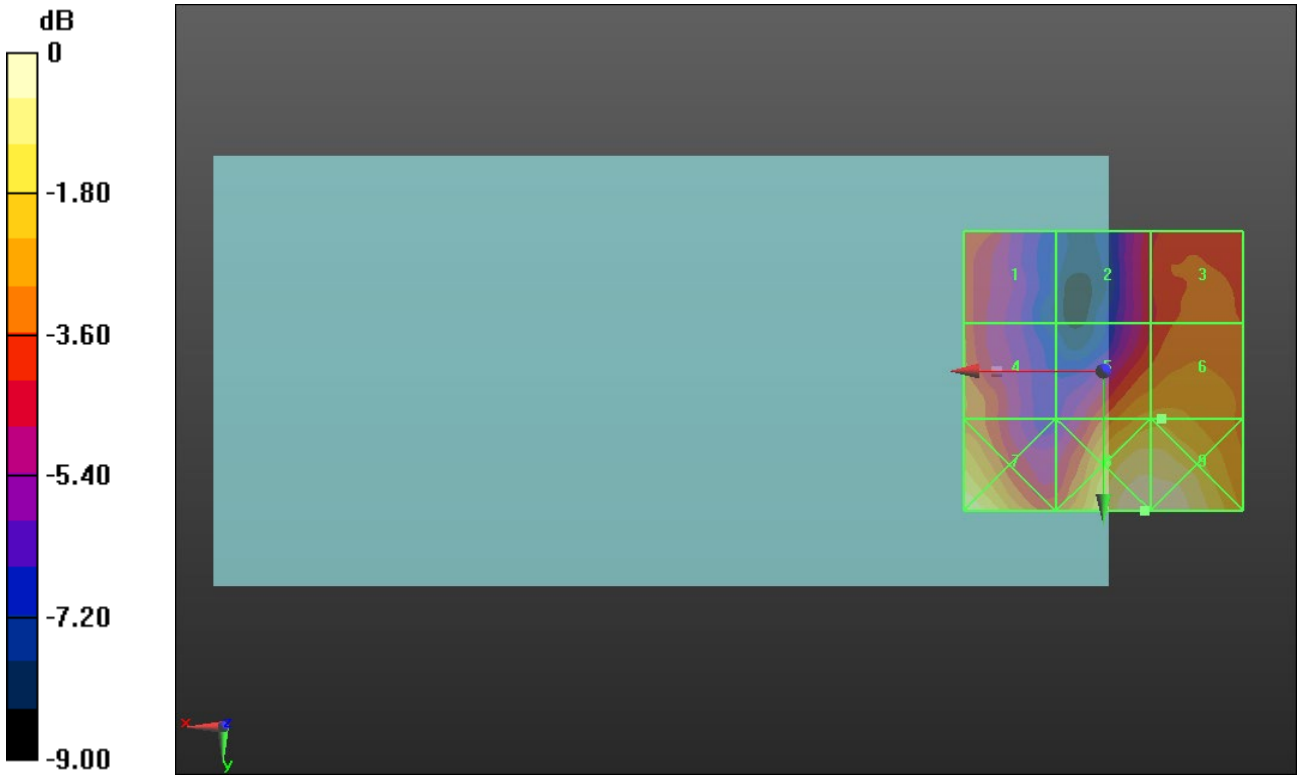
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41490/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 = 9.377 V/m; Power Drift = -0.23 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.77 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.18 dBV/m**	Grid 2 **M4** **17.58 dBV/m**	Grid 3 **M4** **18.48 dBV/m**
Grid 4 **M4** **18.94 dBV/m**	Grid 5 **M4** **19.7 dBV/m**	Grid 6 **M4** **19.77 dBV/m**
Grid 7 **M4** **21.25 dBV/m**	Grid 8 **M4** **21.8 dBV/m**	Grid 9 **M4** **21.79 dBV/m**



0 dB = 12.31 V/m = 21.81 dBV/m

ANT 1

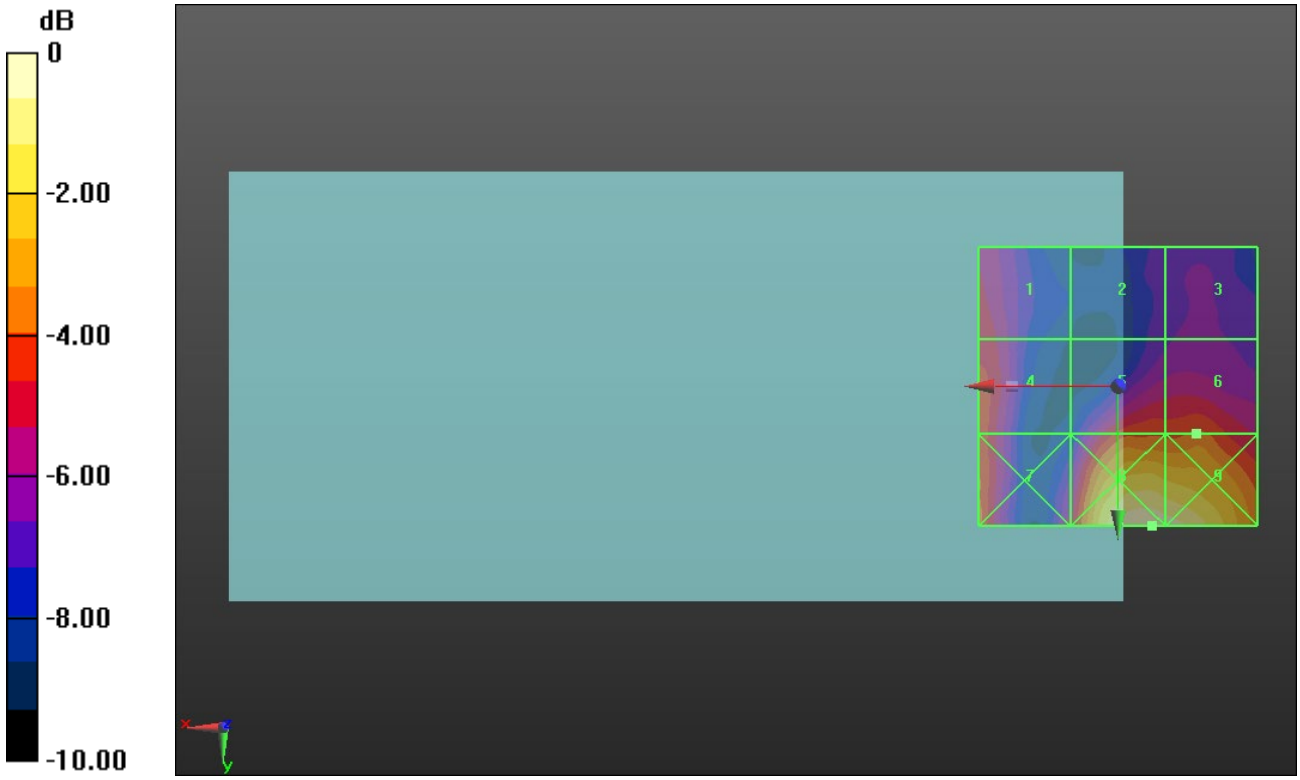
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 39750/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 = 12.24 V/m; Power Drift = -0.20 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.87 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.07 dBV/m**	Grid 2 **M4** **18.93 dBV/m**	Grid 3 **M4** **19.26 dBV/m**
Grid 4 **M4** **21.56 dBV/m**	Grid 5 **M4** **21.63 dBV/m**	Grid 6 **M4** **21.87 dBV/m**
Grid 7 **M4** **22.19 dBV/m**	Grid 8 **M4** **25.7 dBV/m**	Grid 9 **M4** **25.48 dBV/m**



0 dB = 19.28 V/m = 25.70 dBV/m

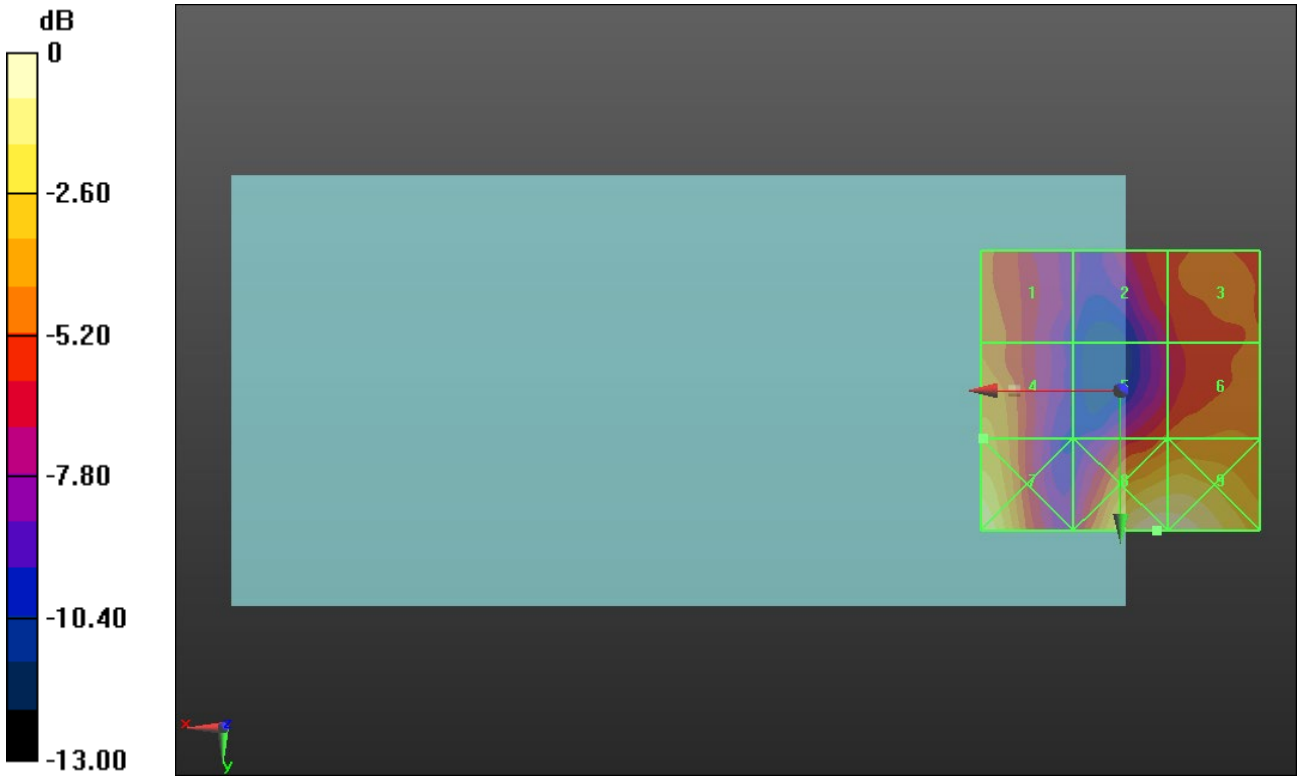
ANT 1

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 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40185/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 = 7.220 V/m; Power Drift = 0.09 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.89 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.63 dBV/m**	Grid 2 **M4** **19.69 dBV/m**	Grid 3 **M4** **20.25 dBV/m**
Grid 4 **M4** **21.89 dBV/m**	Grid 5 **M4** **20.22 dBV/m**	Grid 6 **M4** **20.96 dBV/m**
Grid 7 **M4** **24.2 dBV/m**	Grid 8 **M4** **25.1 dBV/m**	Grid 9 **M4** **24.88 dBV/m**



0 dB = 17.98 V/m = 25.10 dBV/m

ANT 1

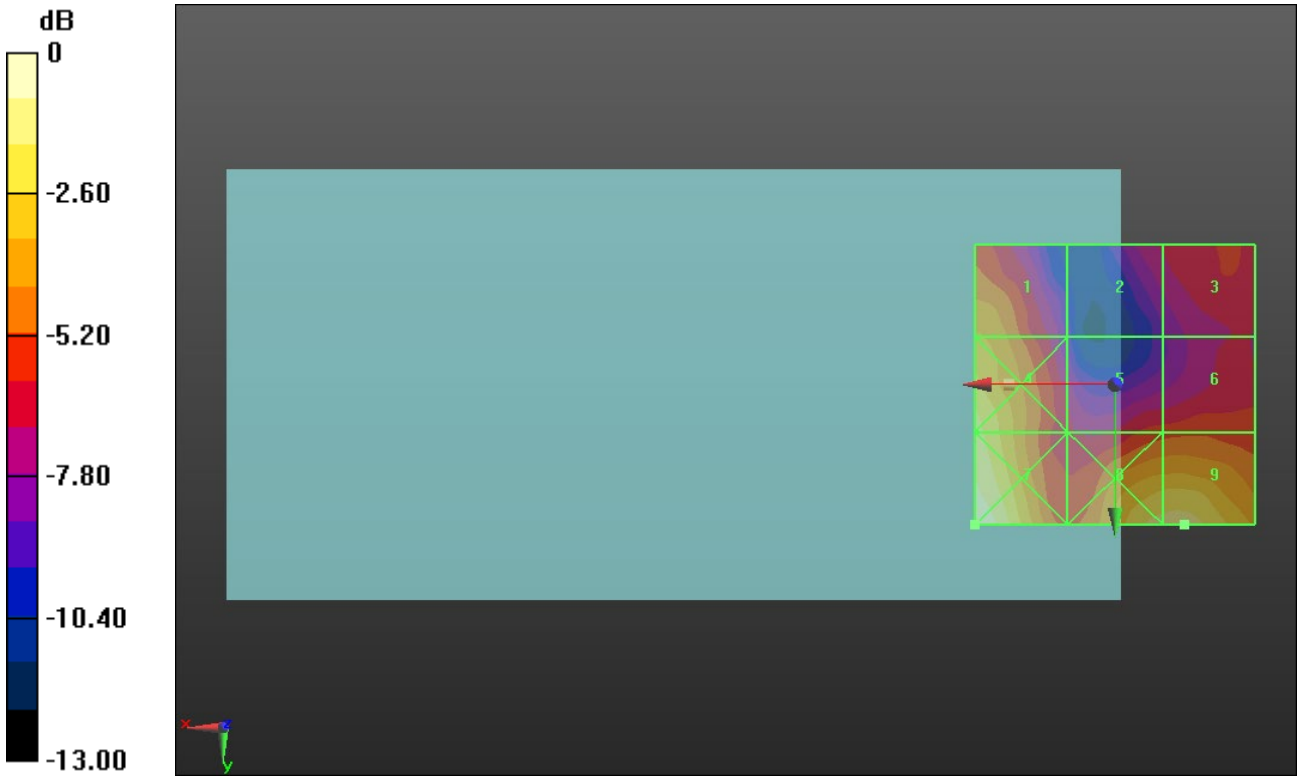
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40620/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 = 8.741 V/m; Power Drift = -0.17 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.16 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.29 dBV/m**	Grid 2 **M4** **18.81 dBV/m**	Grid 3 **M4** **19.71 dBV/m**
Grid 4 **M4** **24.22 dBV/m**	Grid 5 **M4** **20.03 dBV/m**	Grid 6 **M4** **20.29 dBV/m**
Grid 7 **M4** **25.63 dBV/m**	Grid 8 **M4** **24.09 dBV/m**	Grid 9 **M4** **24.16 dBV/m**



0 dB = 19.12 V/m = 25.63 dBV/m

ANT 1

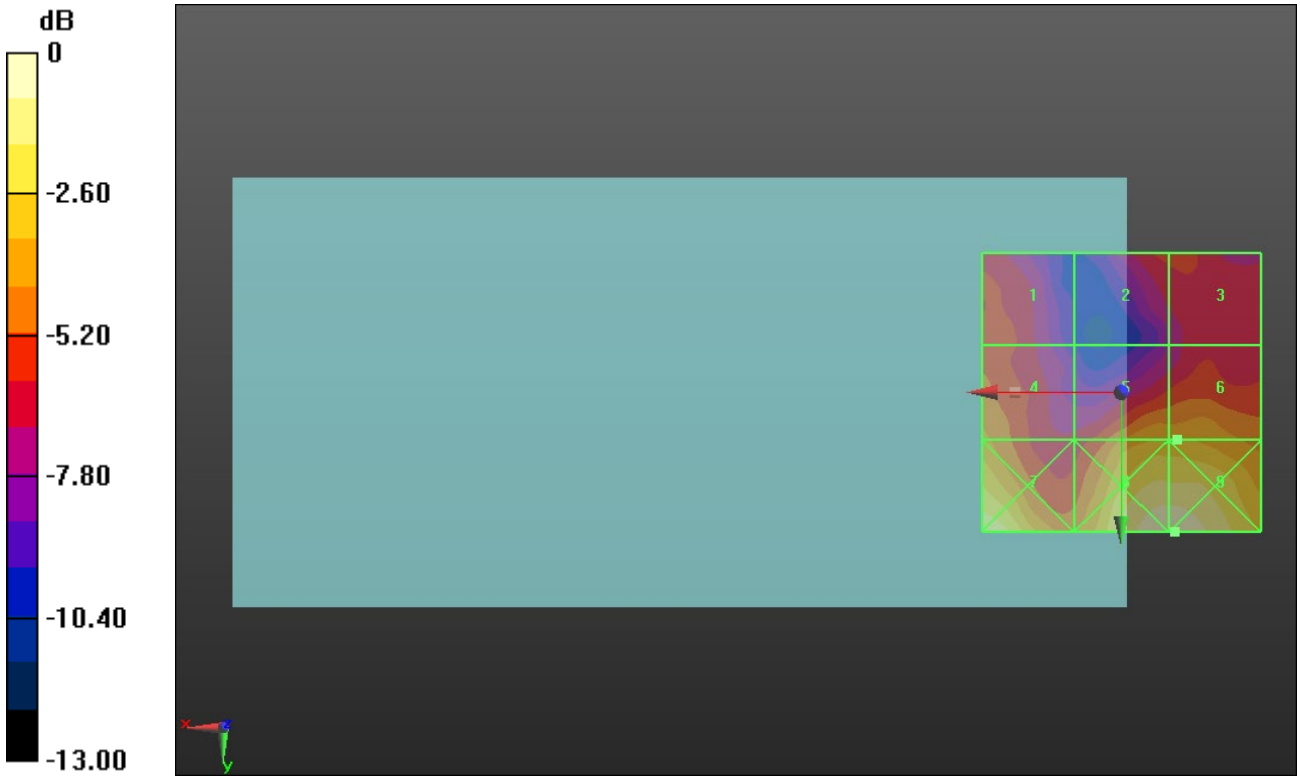
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41055/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 = 10.44 V/m; Power Drift = -0.25 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.93 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.74 dBV/m**	Grid 2 **M4** **19.48 dBV/m**	Grid 3 **M4** **19.48 dBV/m**
Grid 4 **M4** **21.29 dBV/m**	Grid 5 **M4** **21.93 dBV/m**	Grid 6 **M4** **21.93 dBV/m**
Grid 7 **M4** **24.55 dBV/m**	Grid 8 **M4** **25.25 dBV/m**	Grid 9 **M4** **25.29 dBV/m**



0 dB = 18.38 V/m = 25.29 dBV/m

ANT 1

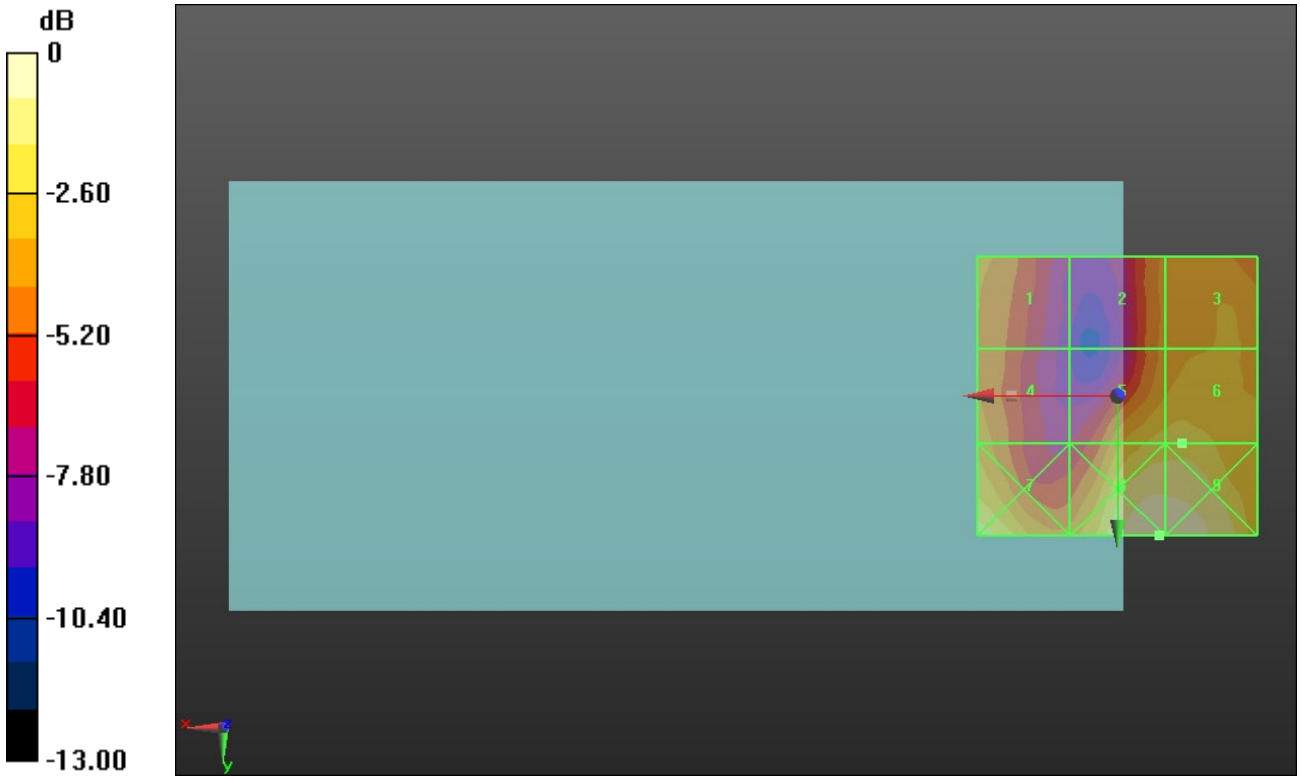
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41490/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 = 12.25 V/m; Power Drift = 0.13 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.74 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.66 dBV/m**	Grid 2 **M4** **20.76 dBV/m**	Grid 3 **M4** **21.5 dBV/m**
Grid 4 **M4** **21.14 dBV/m**	Grid 5 **M4** **22.63 dBV/m**	Grid 6 **M4** **22.74 dBV/m**
Grid 7 **M4** **23.81 dBV/m**	Grid 8 **M4** **24.82 dBV/m**	Grid 9 **M4** **24.81 dBV/m**



0 dB = 17.42 V/m = 24.82 dBV/m

ANT 1

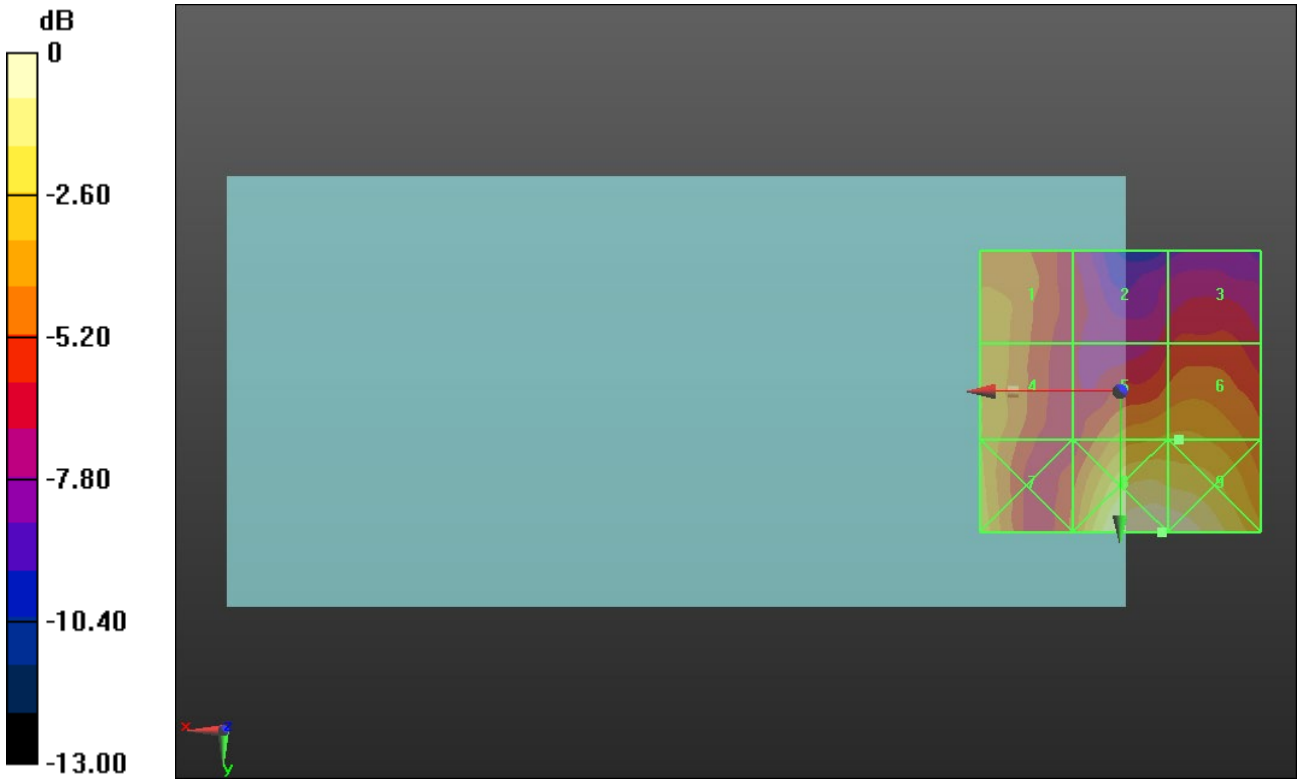
Communication System: UID 10235 - CAG, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM); Frequency: 2489.2 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2489.2 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 53 E-Field measurement/SC-FDMA RB 1/25 10 MHz 16QAM Ch. 60197/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 = 8.416 V/m; Power Drift = -0.37 dB
Applied MIF = -1.44 dB
RF audio interference level = 18.90 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.19 dBV/m**	Grid 2 **M4** **15.87 dBV/m**	Grid 3 **M4** **16.37 dBV/m**
Grid 4 **M4** **18.75 dBV/m**	Grid 5 **M4** **18.84 dBV/m**	Grid 6 **M4** **18.9 dBV/m**
Grid 7 **M4** **19.6 dBV/m**	Grid 8 **M4** **22.11 dBV/m**	Grid 9 **M4** **22.11 dBV/m**



0 dB = 12.75 V/m = 22.11 dBV/m

ANT 2

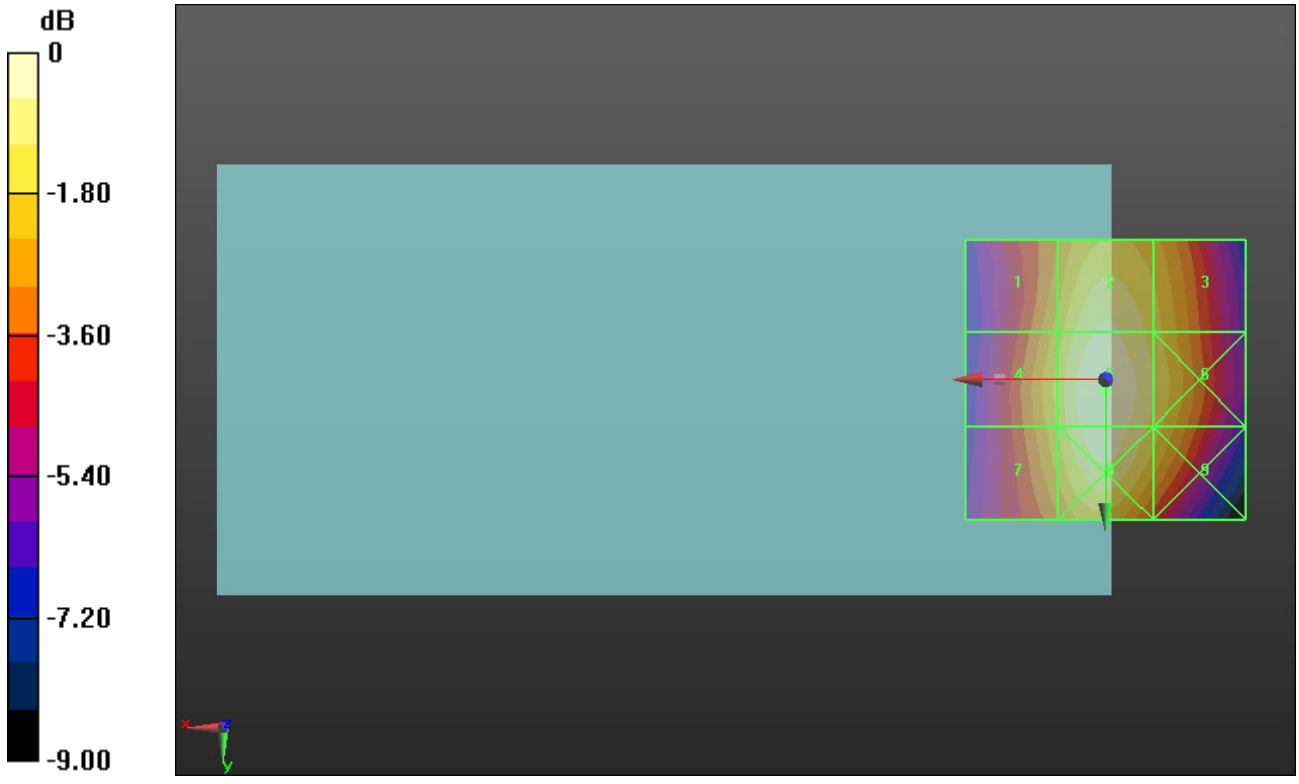
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 123.4 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 40.01 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **37.95 dBV/m**	Grid 2 **M4** **39.54 dBV/m**	Grid 3 **M4** **38.55 dBV/m**
Grid 4 **M4** **38.5 dBV/m**	Grid 5 **M3** **40.01 dBV/m**	Grid 6 **M4** **38.9 dBV/m**
Grid 7 **M4** **38.28 dBV/m**	Grid 8 **M4** **39.82 dBV/m**	Grid 9 **M4** **38.58 dBV/m**



0 dB = 100.1 V/m = 40.01 dBV/m

ANT 2

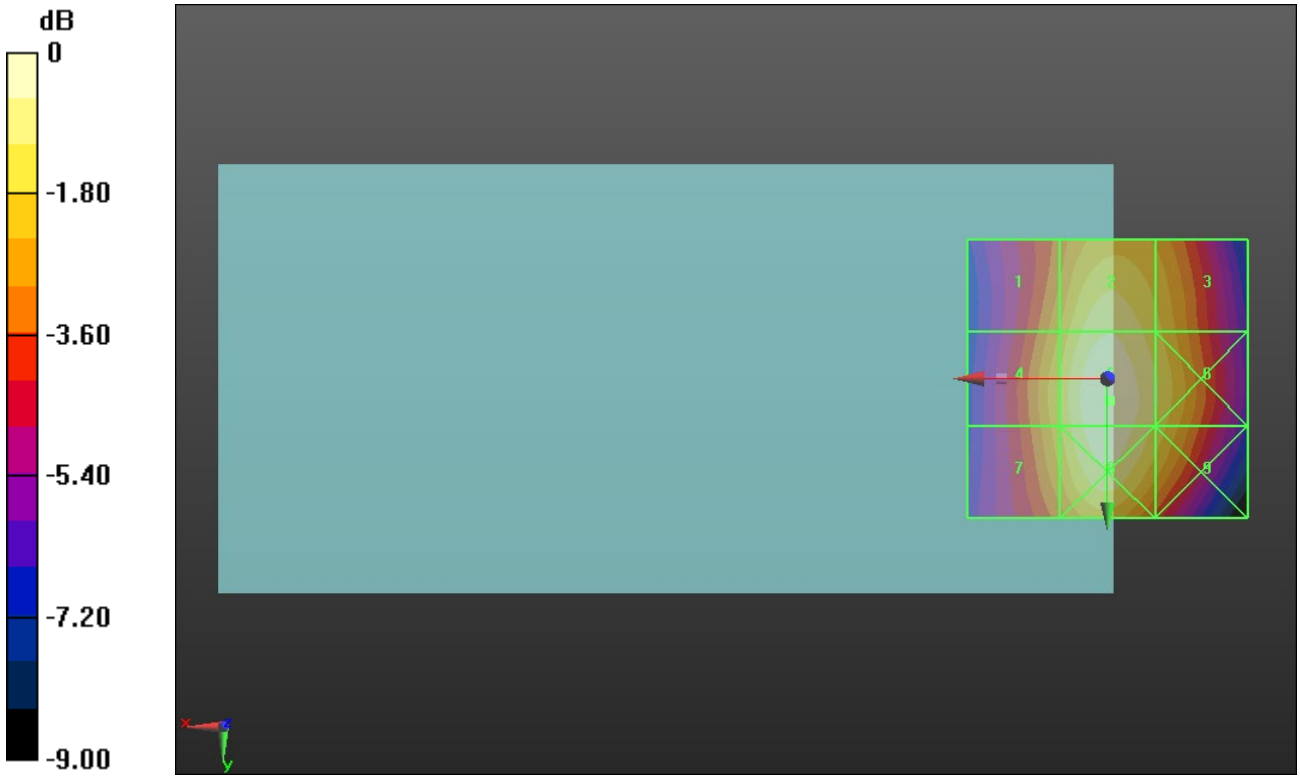
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 127.1 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 40.32 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **37.99 dBV/m**	Grid 2 **M4** **39.68 dBV/m**	Grid 3 **M4** **38.76 dBV/m**
Grid 4 **M4** **38.64 dBV/m**	Grid 5 **M3** **40.32 dBV/m**	Grid 6 **M4** **39.22 dBV/m**
Grid 7 **M4** **38.47 dBV/m**	Grid 8 **M3** **40.19 dBV/m**	Grid 9 **M4** **38.99 dBV/m**



0 dB = 103.7 V/m = 40.32 dBV/m

ANT 2

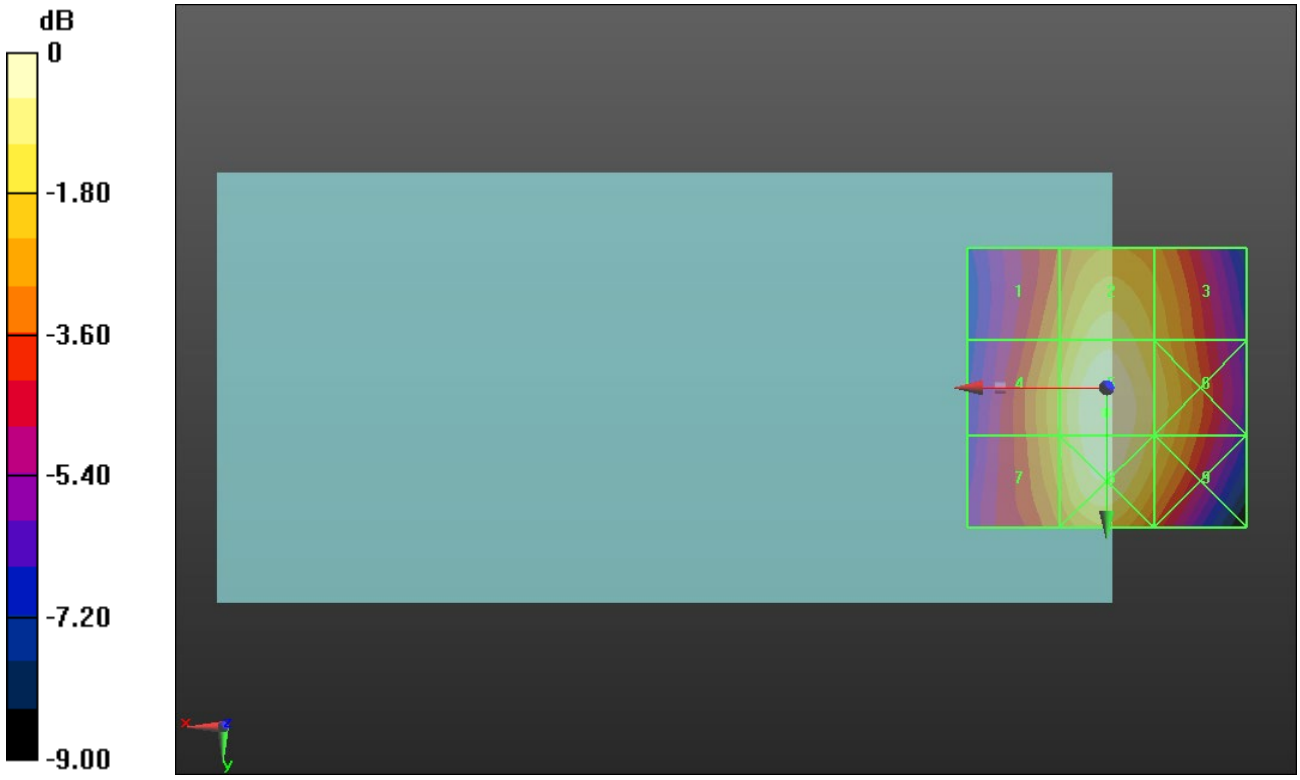
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 127.2 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 40.37 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **37.94 dBV/m**	Grid 2 **M4** **39.65 dBV/m**	Grid 3 **M4** **38.61 dBV/m**
Grid 4 **M4** **38.72 dBV/m**	Grid 5 **M3** **40.37 dBV/m**	Grid 6 **M4** **39.16 dBV/m**
Grid 7 **M4** **38.6 dBV/m**	Grid 8 **M3** **40.29 dBV/m**	Grid 9 **M4** **38.97 dBV/m**



0 dB = 104.4 V/m = 40.37 dBV/m

ANT 2

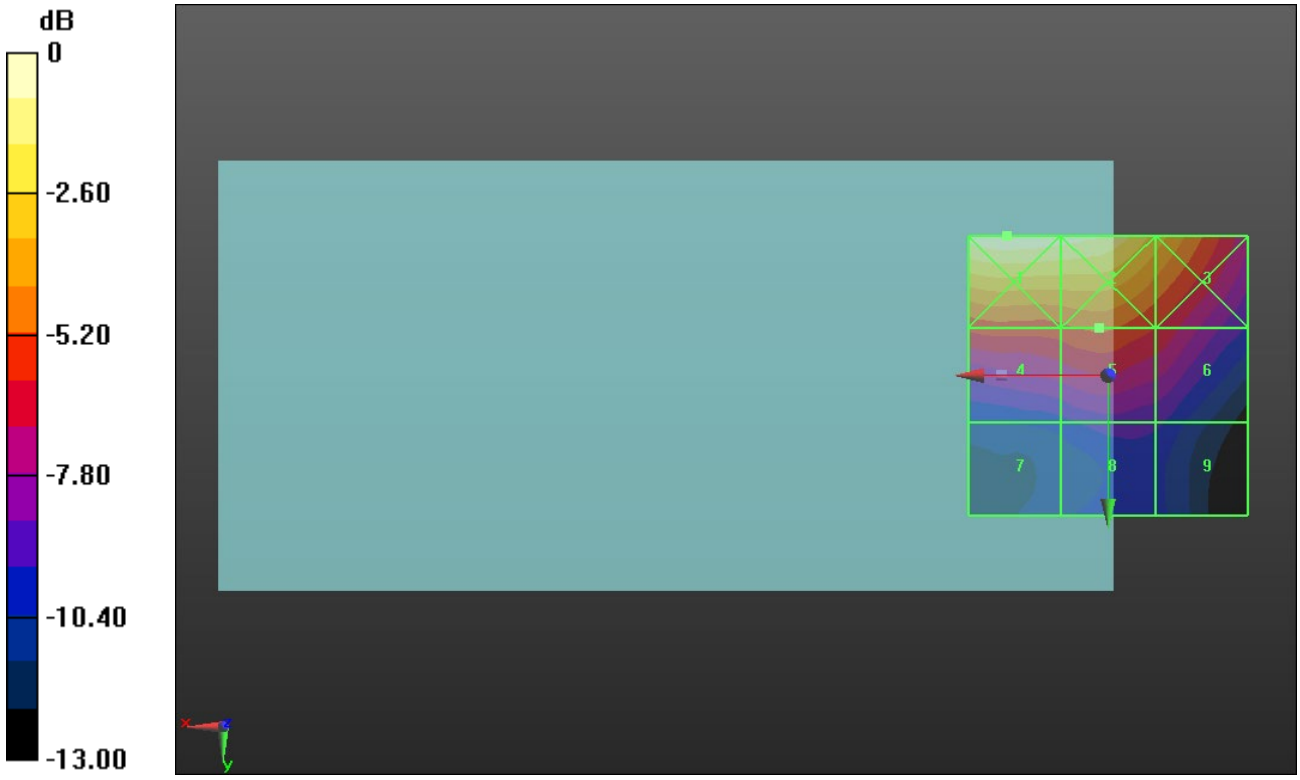
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 20.72 V/m; Power Drift = -0.11 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.42 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **34.44 dBV/m**	Grid 2 **M3** **34.14 dBV/m**	Grid 3 **M3** **31.52 dBV/m**
Grid 4 **M4** **28.99 dBV/m**	Grid 5 **M4** **29.42 dBV/m**	Grid 6 **M4** **28.37 dBV/m**
Grid 7 **M4** **24.56 dBV/m**	Grid 8 **M4** **25.44 dBV/m**	Grid 9 **M4** **25.13 dBV/m**



0 dB = 52.72 V/m = 34.44 dBV/m

ANT 2

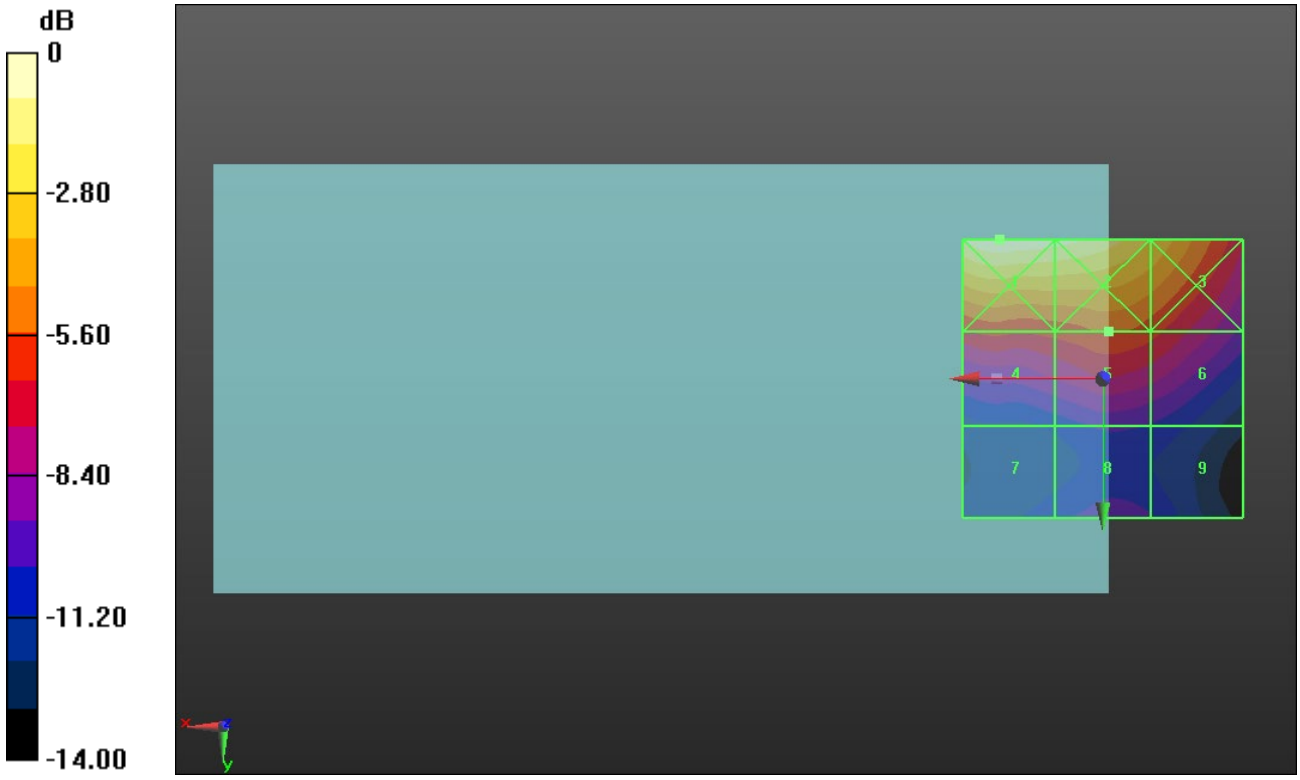
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 20.08 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.83 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **34.33 dBV/m**	Grid 2 **M3** **33.87 dBV/m**	Grid 3 **M3** **31.59 dBV/m**
Grid 4 **M4** **28.18 dBV/m**	Grid 5 **M4** **28.83 dBV/m**	Grid 6 **M4** **28.19 dBV/m**
Grid 7 **M4** **23.76 dBV/m**	Grid 8 **M4** **24.75 dBV/m**	Grid 9 **M4** **24.28 dBV/m**



0 dB = 52.04 V/m = 34.33 dBV/m

ANT 2

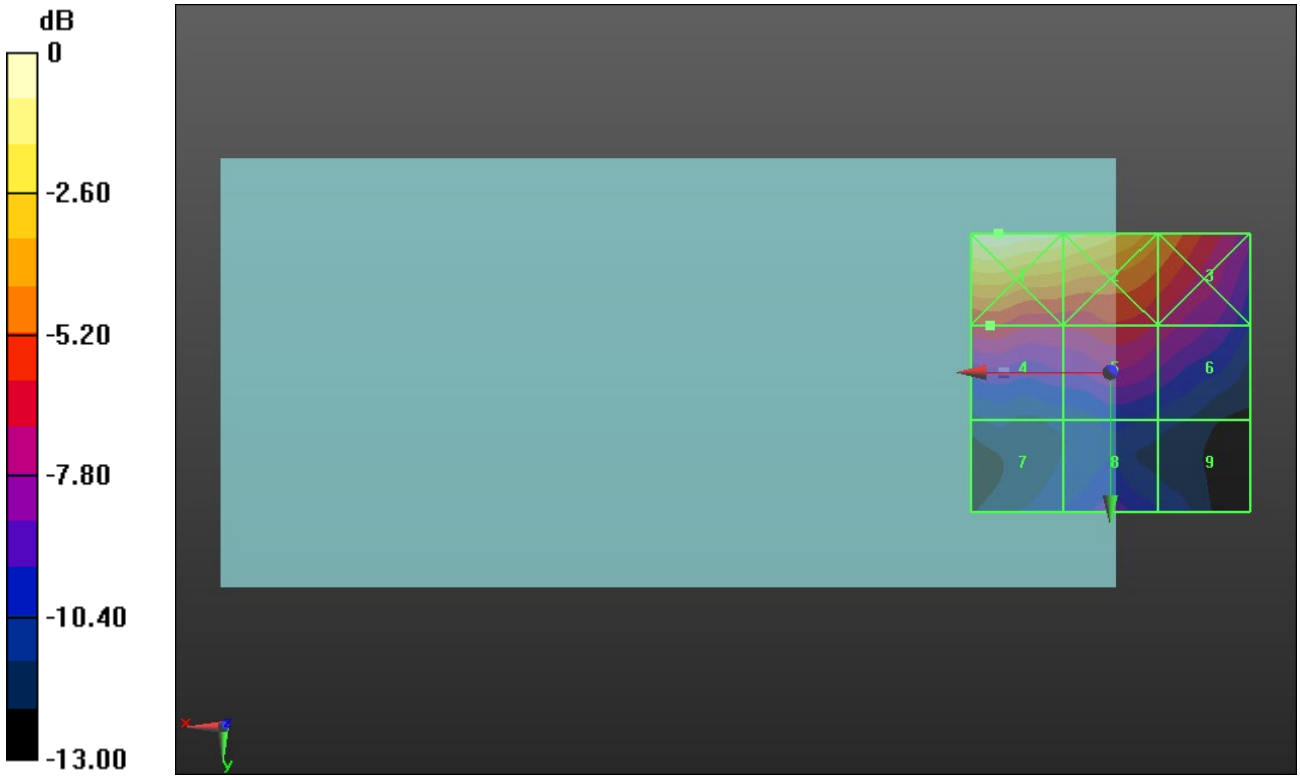
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 18.48 V/m; Power Drift = 0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.99 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **34.05 dBV/m**	Grid 2 **M3** **33.26 dBV/m**	Grid 3 **M3** **30.07 dBV/m**
Grid 4 **M4** **27.99 dBV/m**	Grid 5 **M4** **27.89 dBV/m**	Grid 6 **M4** **27 dBV/m**
Grid 7 **M4** **23.7 dBV/m**	Grid 8 **M4** **25.05 dBV/m**	Grid 9 **M4** **23.91 dBV/m**



0 dB = 50.43 V/m = 34.05 dBV/m

ANT 2

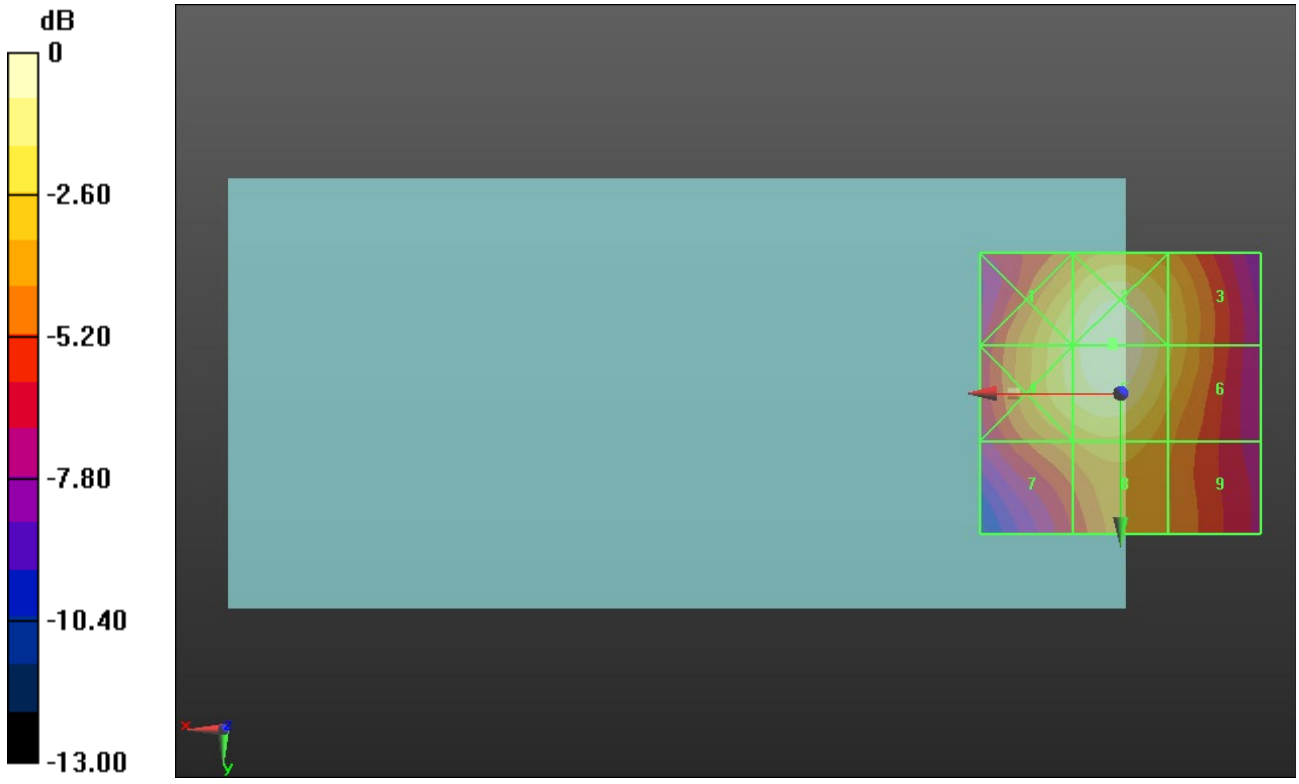
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 39750/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 = 44.02 V/m; Power Drift = -0.17 dB
Applied MIF = -1.44 dB
RF audio interference level = 28.40 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.14 dBV/m**	Grid 2 **M4** **28.4 dBV/m**	Grid 3 **M4** **26.12 dBV/m**
Grid 4 **M4** **27.16 dBV/m**	Grid 5 **M4** **28.4 dBV/m**	Grid 6 **M4** **26.09 dBV/m**
Grid 7 **M4** **24.91 dBV/m**	Grid 8 **M4** **25.61 dBV/m**	Grid 9 **M4** **24.3 dBV/m**



0 dB = 26.31 V/m = 28.40 dBV/m

ANT 2

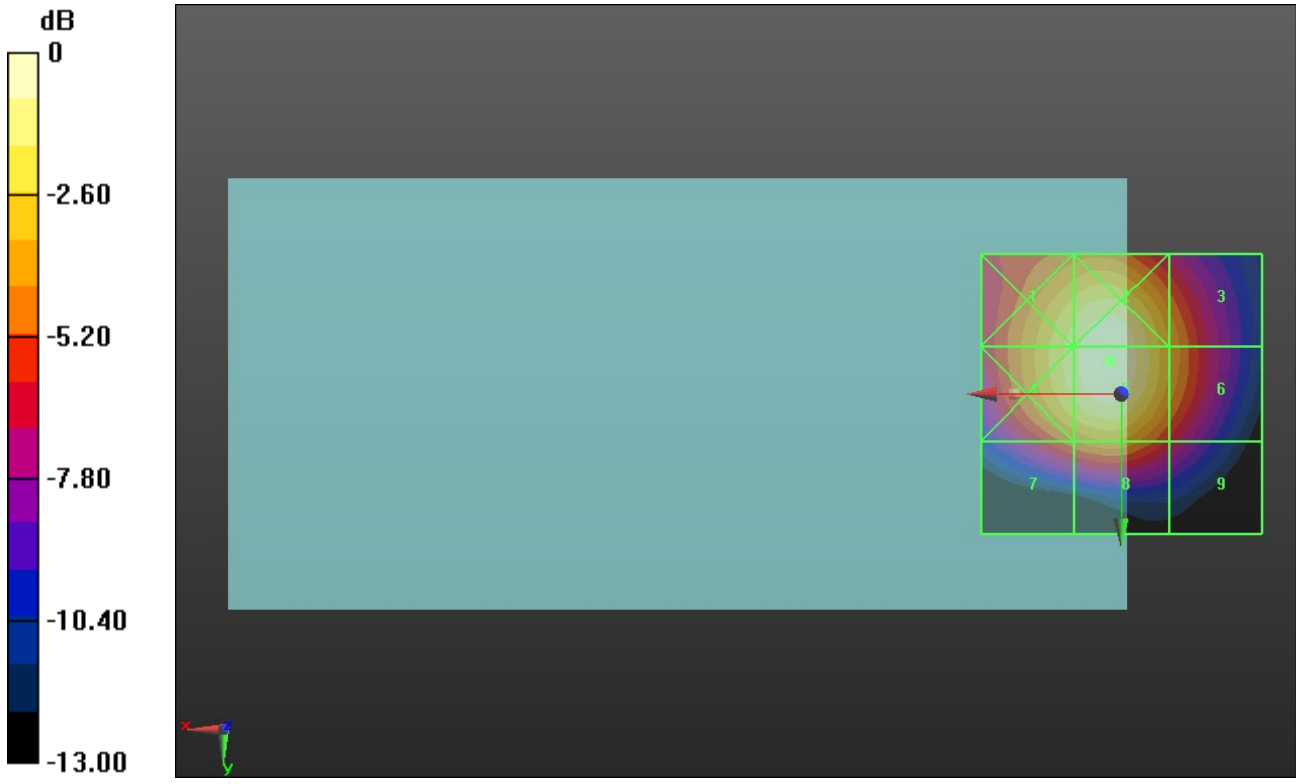
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40185/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 = 75.58 V/m; Power Drift = -0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 32.07 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **30.83 dBV/m**	Grid 2 **M3** **32 dBV/m**	Grid 3 **M4** **28.67 dBV/m**
Grid 4 **M3** **30.91 dBV/m**	Grid 5 **M3** **32.07 dBV/m**	Grid 6 **M4** **28.71 dBV/m**
Grid 7 **M4** **27.56 dBV/m**	Grid 8 **M4** **28.53 dBV/m**	Grid 9 **M4** **25.72 dBV/m**



0 dB = 40.14 V/m = 32.07 dBV/m

ANT 2

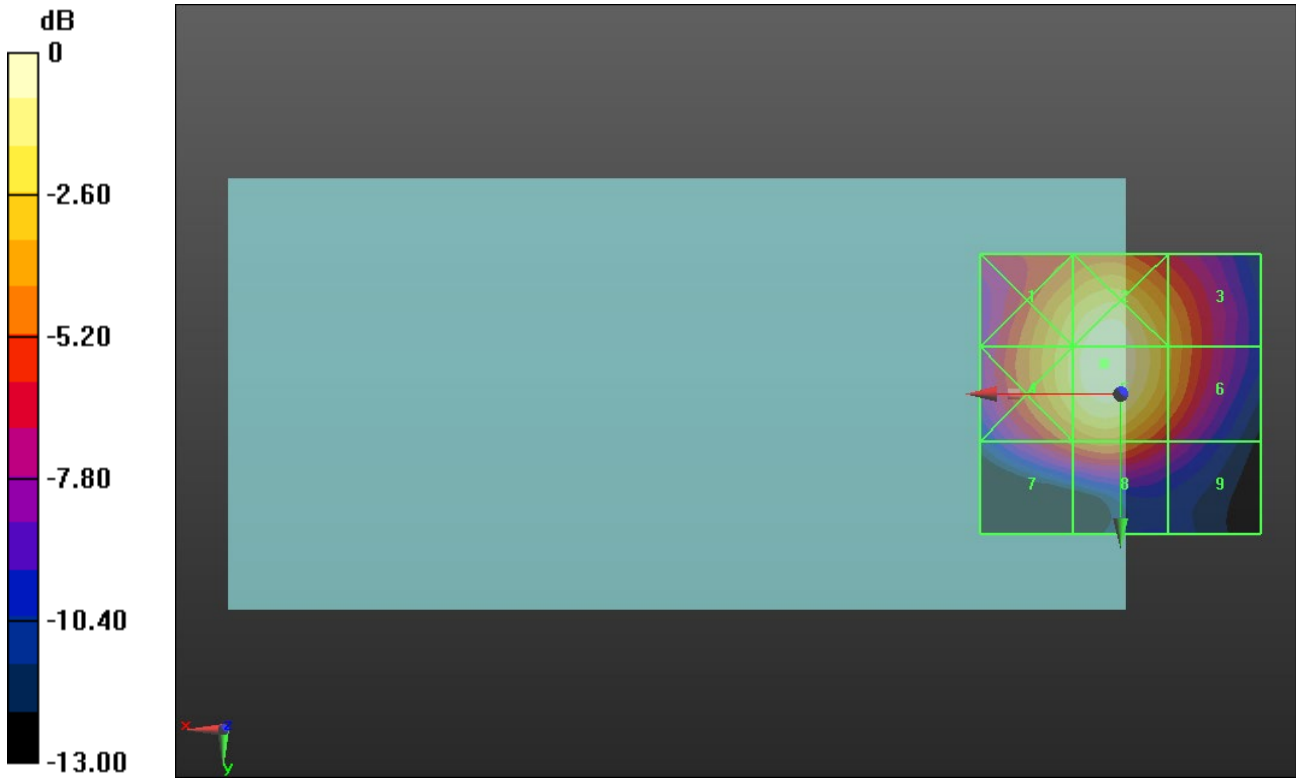
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40620/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 = 71.61 V/m; Power Drift = -0.21 dB
Applied MIF = -1.44 dB
RF audio interference level = 31.09 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **29.54 dBV/m**	Grid 2 **M3** **30.96 dBV/m**	Grid 3 **M4** **27.89 dBV/m**
Grid 4 **M4** **29.72 dBV/m**	Grid 5 **M3** **31.09 dBV/m**	Grid 6 **M4** **27.9 dBV/m**
Grid 7 **M4** **26.37 dBV/m**	Grid 8 **M4** **27.31 dBV/m**	Grid 9 **M4** **24.3 dBV/m**



0 dB = 35.87 V/m = 31.09 dBV/m

ANT 2

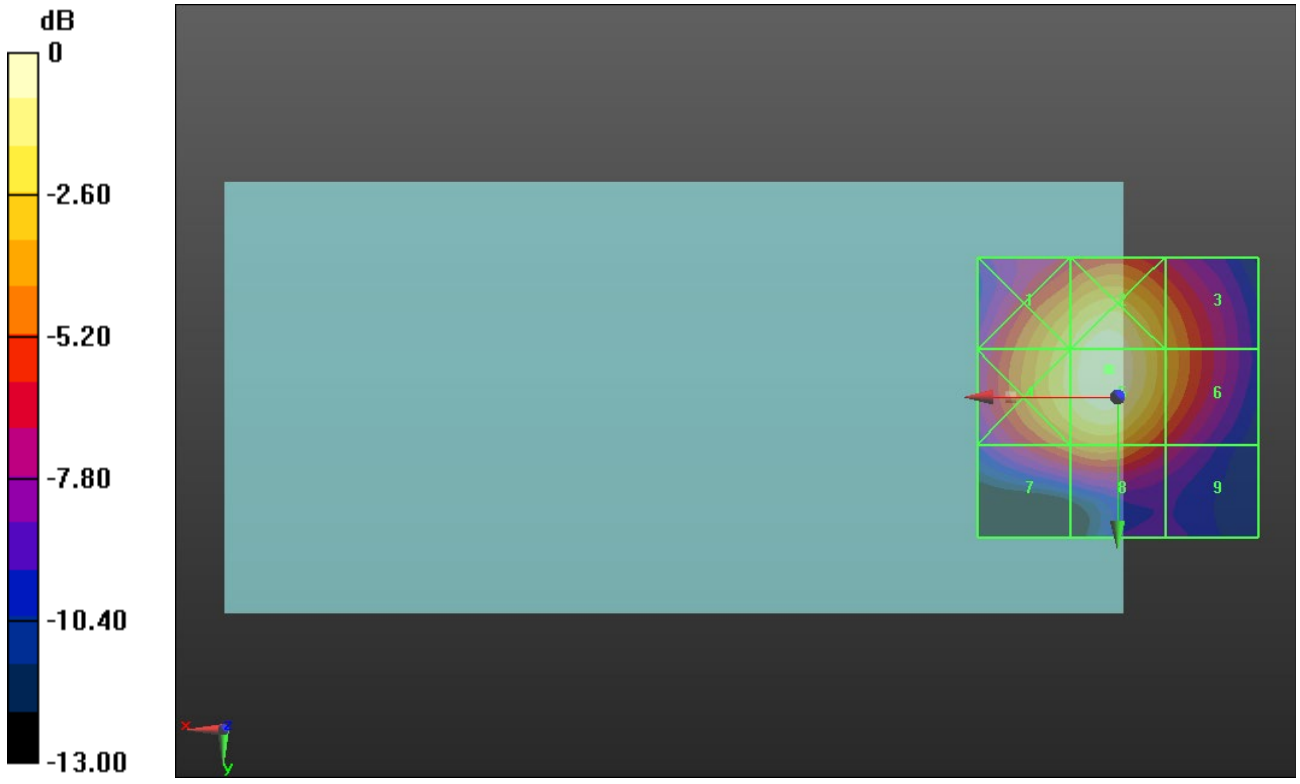
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41055/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 = 73.30 V/m; Power Drift = 0.09 dB
Applied MIF = -1.44 dB
RF audio interference level = 31.57 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **29.92 dBV/m**	Grid 2 **M3** **31.32 dBV/m**	Grid 3 **M4** **28.22 dBV/m**
Grid 4 **M3** **30.23 dBV/m**	Grid 5 **M3** **31.57 dBV/m**	Grid 6 **M4** **28.32 dBV/m**
Grid 7 **M4** **27.28 dBV/m**	Grid 8 **M4** **28.17 dBV/m**	Grid 9 **M4** **25.12 dBV/m**



0 dB = 37.91 V/m = 31.58 dBV/m

ANT 2

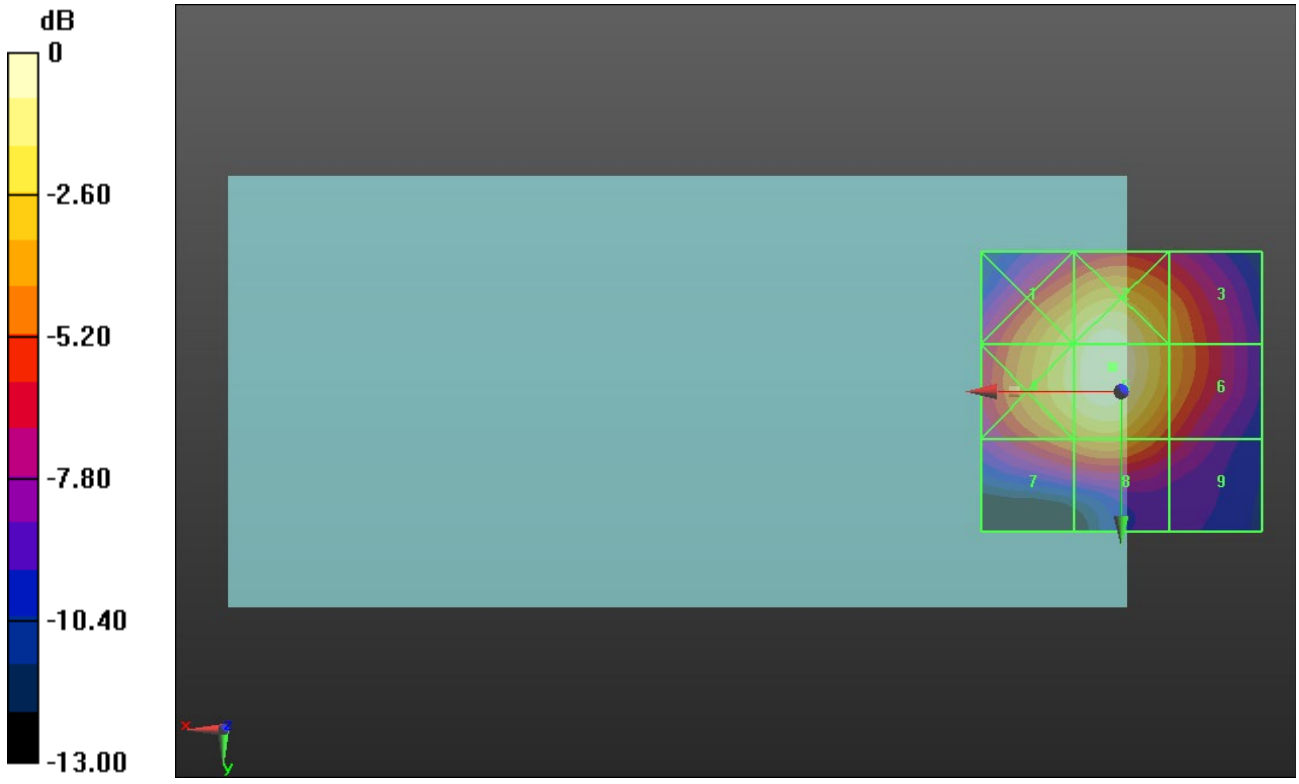
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41490/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 = 80.58 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 32.27 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **30.68 dBV/m**	Grid 2 **M3** **31.93 dBV/m**	Grid 3 **M4** **28.91 dBV/m**
Grid 4 **M3** **31.07 dBV/m**	Grid 5 **M3** **32.27 dBV/m**	Grid 6 **M4** **28.97 dBV/m**
Grid 7 **M4** **28.35 dBV/m**	Grid 8 **M4** **29.16 dBV/m**	Grid 9 **M4** **26.34 dBV/m**



0 dB = 41.05 V/m = 32.27 dBV/m

ANT 2

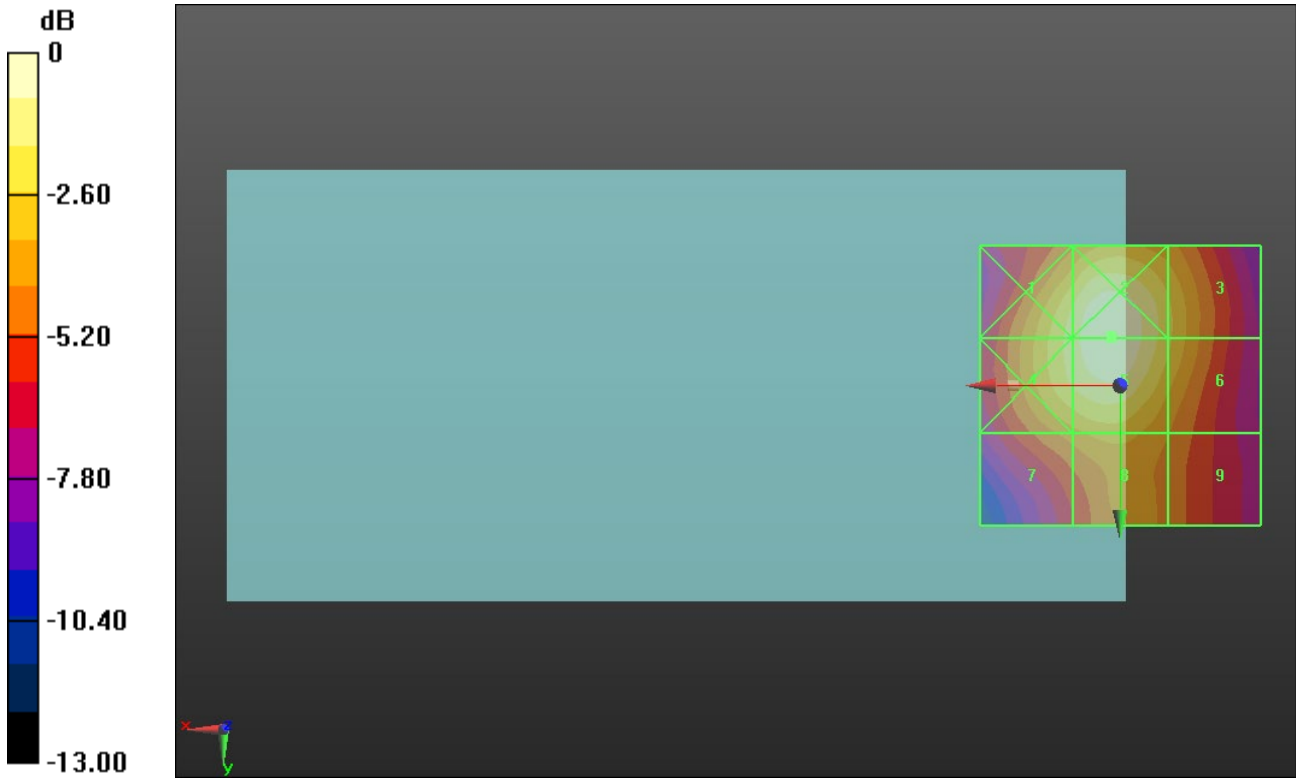
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 39750/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 = 44.60 V/m; Power Drift = 0.10 dB
Applied MIF = -1.44 dB
RF audio interference level = 28.80 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.54 dBV/m**	Grid 2 **M4** **28.81 dBV/m**	Grid 3 **M4** **26.51 dBV/m**
Grid 4 **M4** **27.55 dBV/m**	Grid 5 **M4** **28.8 dBV/m**	Grid 6 **M4** **26.46 dBV/m**
Grid 7 **M4** **24.99 dBV/m**	Grid 8 **M4** **25.74 dBV/m**	Grid 9 **M4** **24.55 dBV/m**



0 dB = 27.58 V/m = 28.81 dBV/m

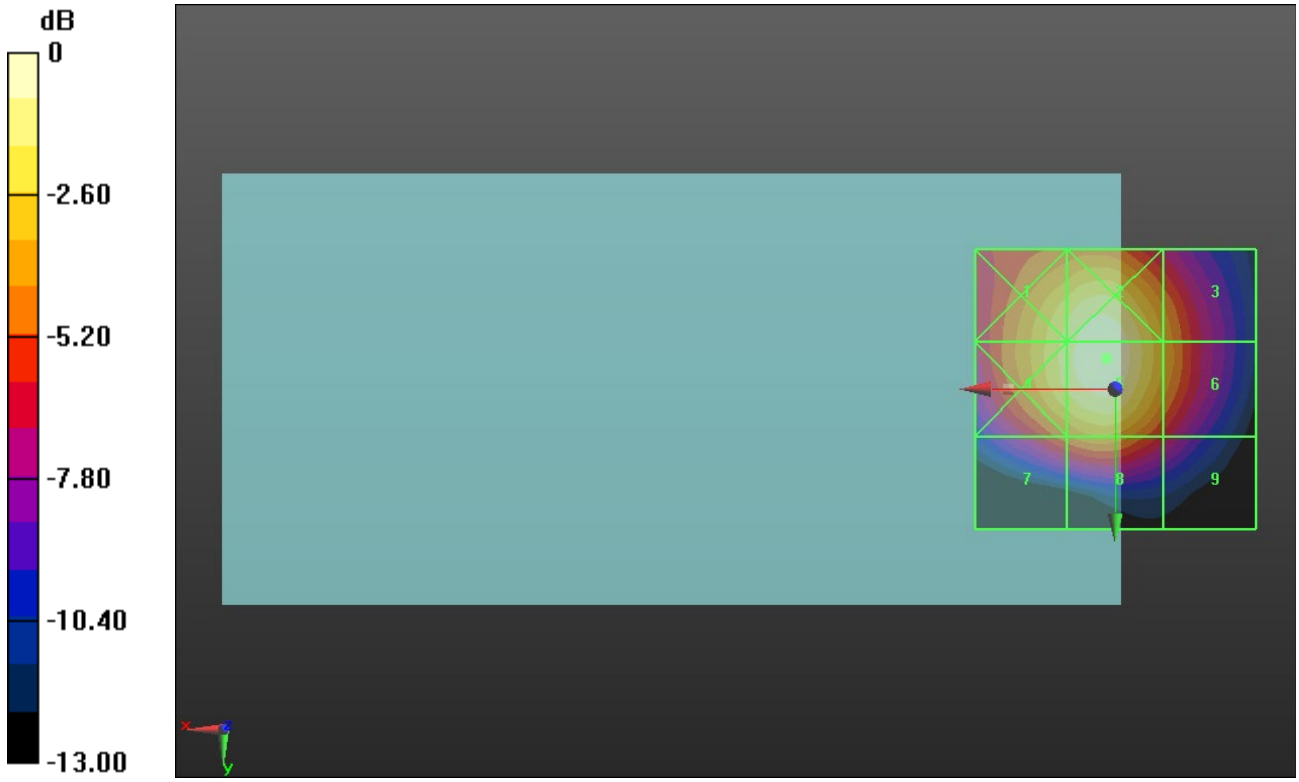
ANT 2

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 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40185/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 = 74.99 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 32.20 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **30.86 dBV/m**	Grid 2 **M3** **32.05 dBV/m**	Grid 3 **M4** **28.75 dBV/m**
Grid 4 **M3** **30.96 dBV/m**	Grid 5 **M3** **32.2 dBV/m**	Grid 6 **M4** **28.86 dBV/m**
Grid 7 **M4** **27.66 dBV/m**	Grid 8 **M4** **28.67 dBV/m**	Grid 9 **M4** **25.85 dBV/m**



0 dB = 40.74 V/m = 32.20 dBV/m

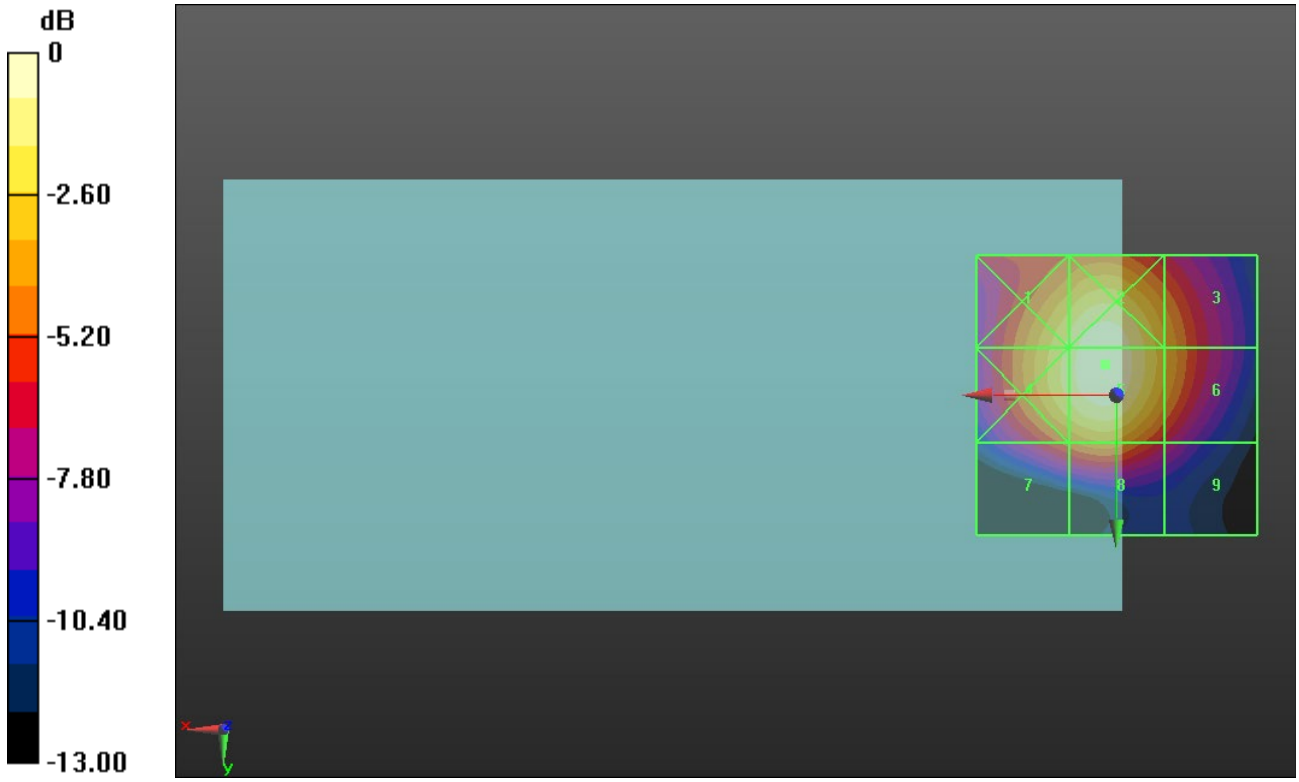
ANT 2

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 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40620/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 = 68.89 V/m; Power Drift = -0.08 dB
Applied MIF = -1.44 dB
RF audio interference level = 30.94 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **29.5 dBV/m**	Grid 2 **M3** **30.81 dBV/m**	Grid 3 **M4** **27.66 dBV/m**
Grid 4 **M4** **29.66 dBV/m**	Grid 5 **M3** **30.94 dBV/m**	Grid 6 **M4** **27.72 dBV/m**
Grid 7 **M4** **26.26 dBV/m**	Grid 8 **M4** **27.33 dBV/m**	Grid 9 **M4** **24.25 dBV/m**



0 dB = 35.23 V/m = 30.94 dBV/m

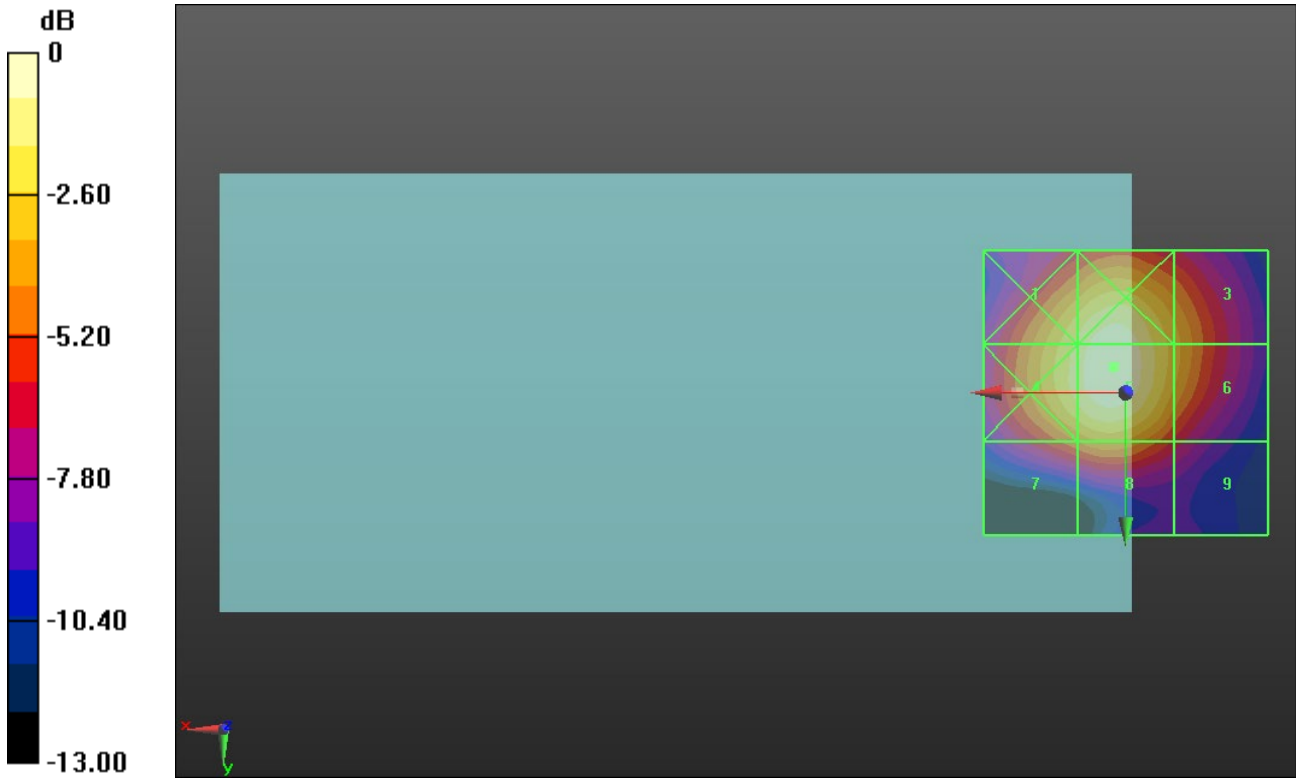
ANT 2

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 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41055/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 = 74.03 V/m; Power Drift = 0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 31.59 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **30.08 dBV/m**	Grid 2 **M3** **31.35 dBV/m**	Grid 3 **M4** **28.56 dBV/m**
Grid 4 **M3** **30.38 dBV/m**	Grid 5 **M3** **31.59 dBV/m**	Grid 6 **M4** **28.59 dBV/m**
Grid 7 **M4** **27.3 dBV/m**	Grid 8 **M4** **28.24 dBV/m**	Grid 9 **M4** **25.31 dBV/m**



0 dB = 37.99 V/m = 31.59 dBV/m

ANT 2

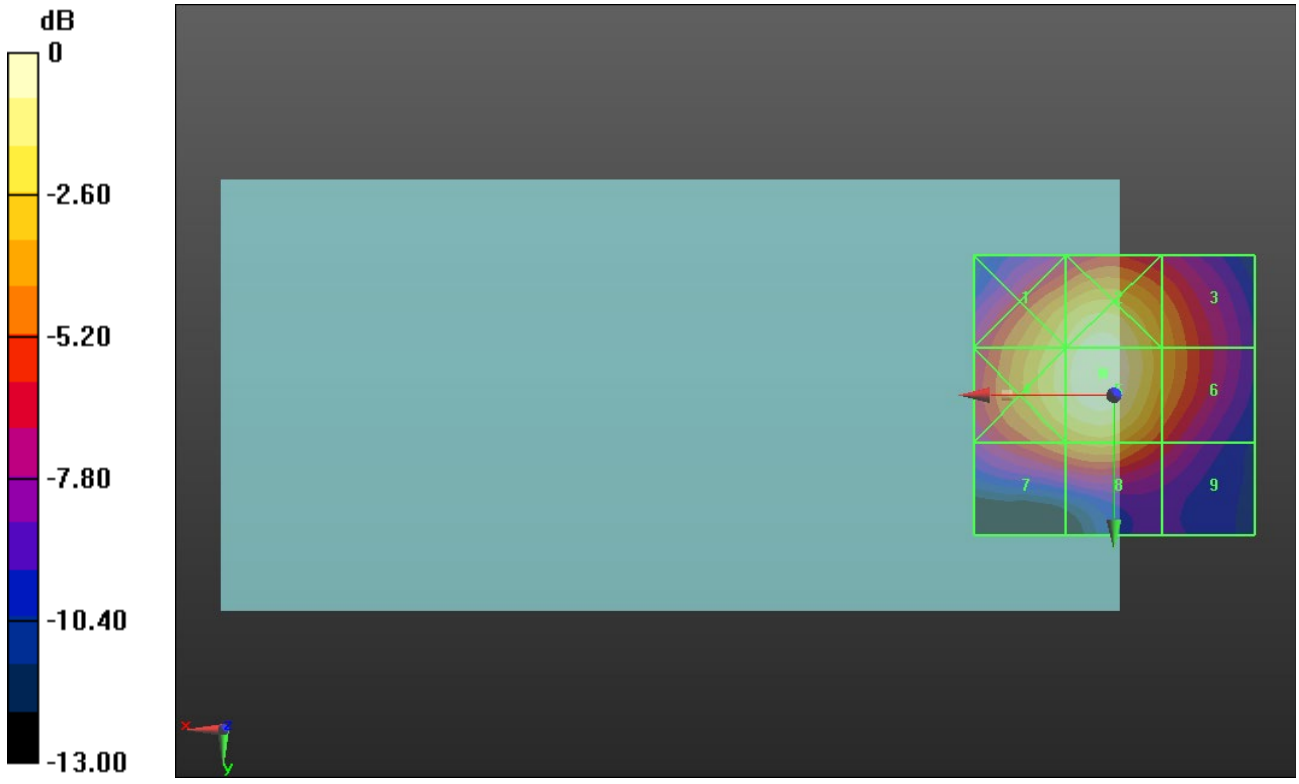
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41490/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 = 79.52 V/m; Power Drift = 0.15 dB
Applied MIF = -1.44 dB
RF audio interference level = 32.18 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **30.67 dBV/m**	Grid 2 **M3** **31.81 dBV/m**	Grid 3 **M4** **28.83 dBV/m**
Grid 4 **M3** **31.11 dBV/m**	Grid 5 **M3** **32.18 dBV/m**	Grid 6 **M4** **28.89 dBV/m**
Grid 7 **M4** **28.35 dBV/m**	Grid 8 **M4** **29.13 dBV/m**	Grid 9 **M4** **26.2 dBV/m**



0 dB = 40.64 V/m = 32.18 dBV/m

ANT 2

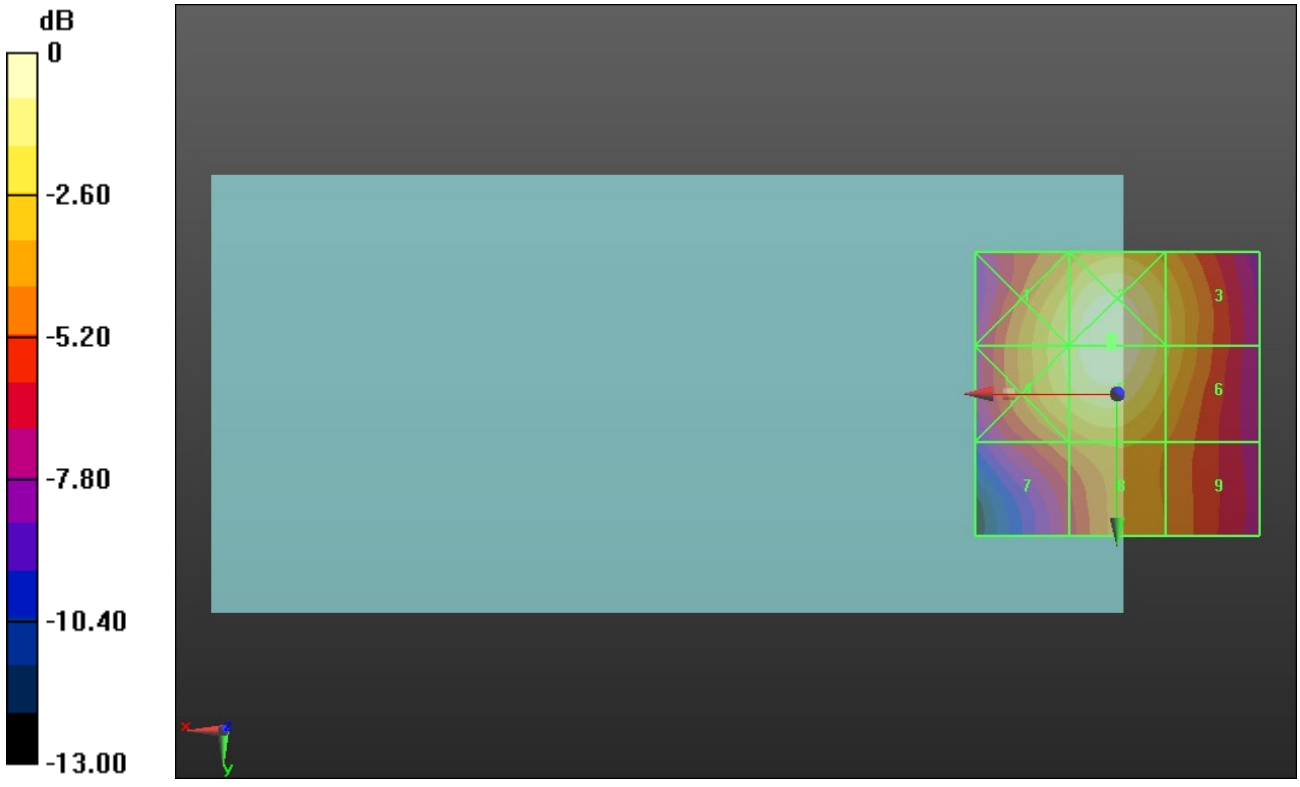
Communication System: UID 10235 - CAG, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM); Frequency: 2489.2 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2489.2 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 53 E-Field measurement/SC-FDMA RB 1/25 10 MHz 16QAM Ch. 60197/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 = 57.10 V/m; Power Drift = 0.00 dB
Applied MIF = -1.44 dB
RF audio interference level = 30.99 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **29.61 dBV/m**	Grid 2 **M3** **31.02 dBV/m**	Grid 3 **M4** **28.81 dBV/m**
Grid 4 **M4** **29.63 dBV/m**	Grid 5 **M3** **30.99 dBV/m**	Grid 6 **M4** **28.74 dBV/m**
Grid 7 **M4** **26.78 dBV/m**	Grid 8 **M4** **27.74 dBV/m**	Grid 9 **M4** **26.75 dBV/m**



0 dB = 35.55 V/m = 31.02 dBV/m

ANT 3

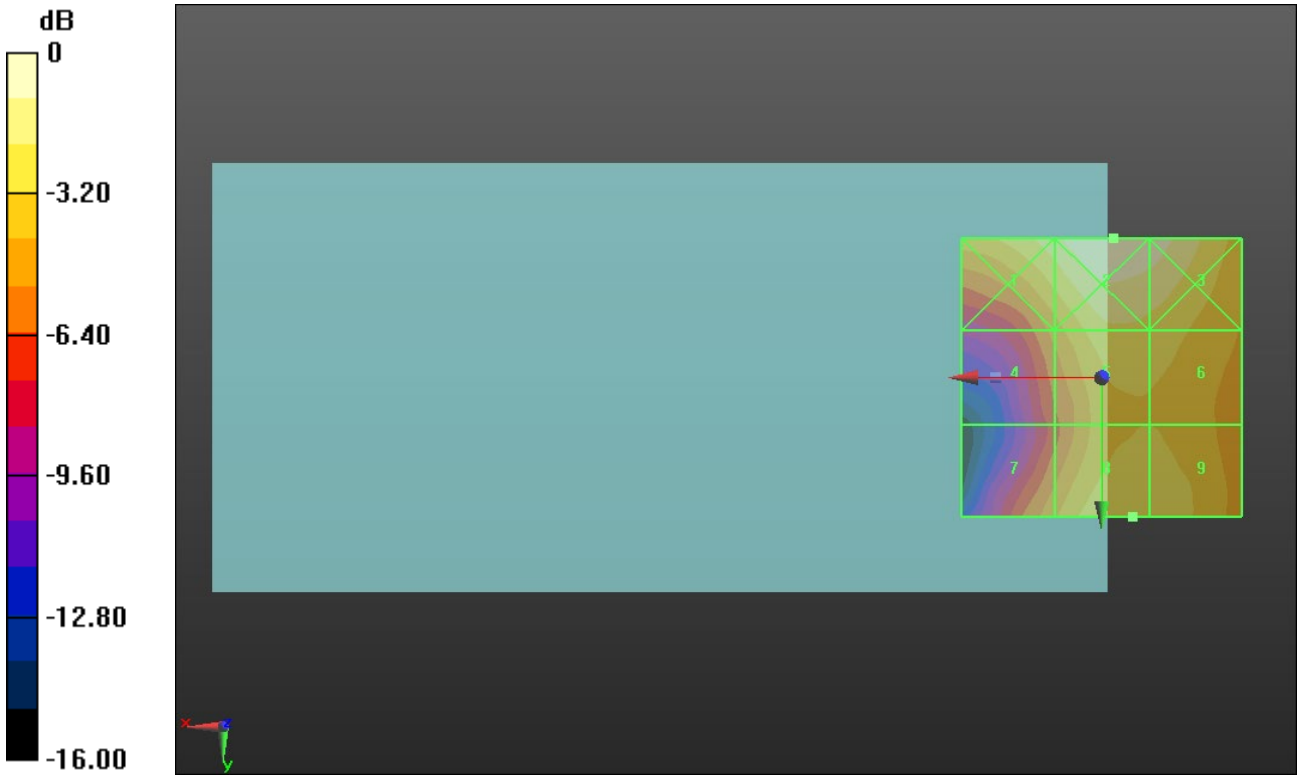
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 20.36 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.58 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.3 dBV/m**	Grid 2 **M3** **30.7 dBV/m**	Grid 3 **M3** **30.28 dBV/m**
Grid 4 **M4** **25.84 dBV/m**	Grid 5 **M4** **28.41 dBV/m**	Grid 6 **M4** **28.25 dBV/m**
Grid 7 **M4** **26.29 dBV/m**	Grid 8 **M4** **28.58 dBV/m**	Grid 9 **M4** **28.48 dBV/m**



0 dB = 34.26 V/m = 30.70 dBV/m

ANT 3

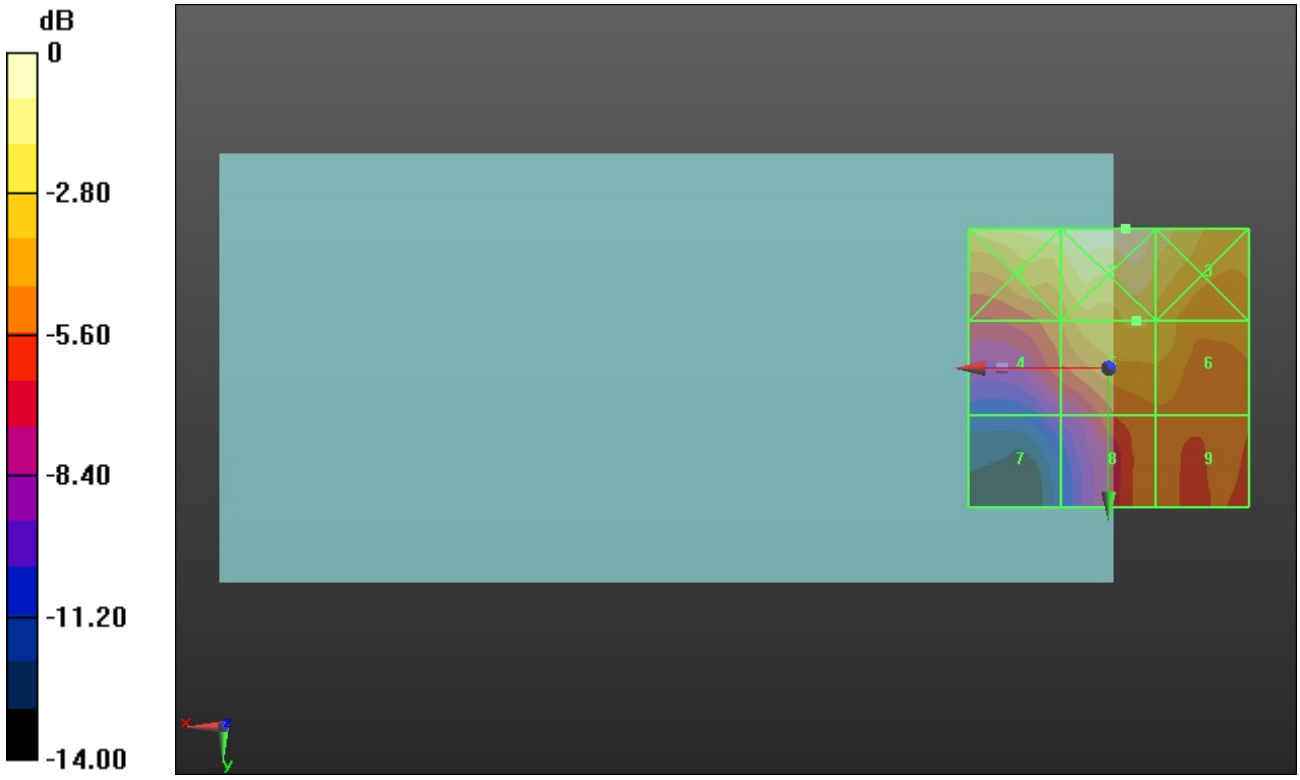
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 20.55 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.91 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **31.68 dBV/m**	Grid 2 **M3** **32.44 dBV/m**	Grid 3 **M3** **31.29 dBV/m**
Grid 4 **M4** **27.89 dBV/m**	Grid 5 **M4** **29.91 dBV/m**	Grid 6 **M4** **29.37 dBV/m**
Grid 7 **M4** **23.66 dBV/m**	Grid 8 **M4** **27.63 dBV/m**	Grid 9 **M4** **27.64 dBV/m**



0 dB = 41.89 V/m = 32.44 dBV/m

ANT 3

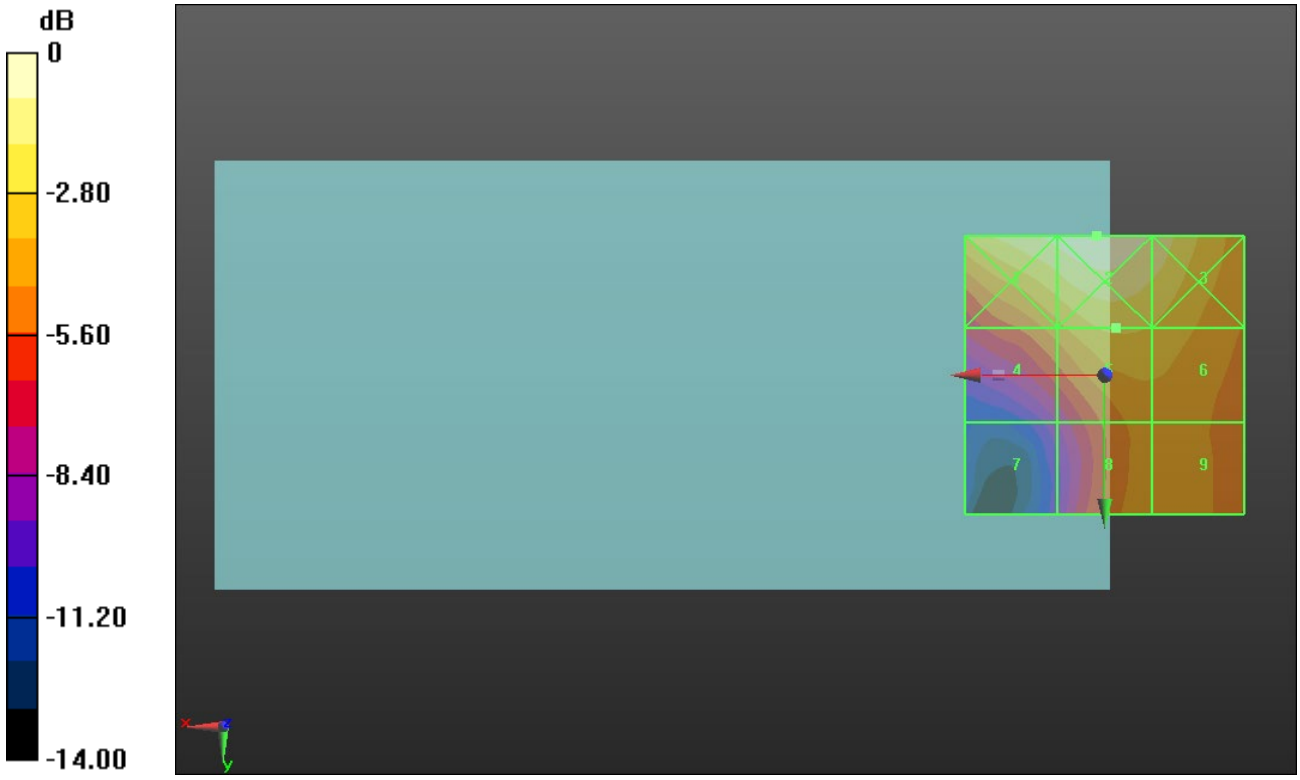
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 20.29 V/m; Power Drift = -0.07 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.93 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **30.95 dBV/m**	Grid 2 **M3** **31.53 dBV/m**	Grid 3 **M3** **30.48 dBV/m**
Grid 4 **M4** **27.45 dBV/m**	Grid 5 **M4** **28.93 dBV/m**	Grid 6 **M4** **28.66 dBV/m**
Grid 7 **M4** **23.15 dBV/m**	Grid 8 **M4** **27.58 dBV/m**	Grid 9 **M4** **27.65 dBV/m**



0 dB = 37.72 V/m = 31.53 dBV/m

ANT 3

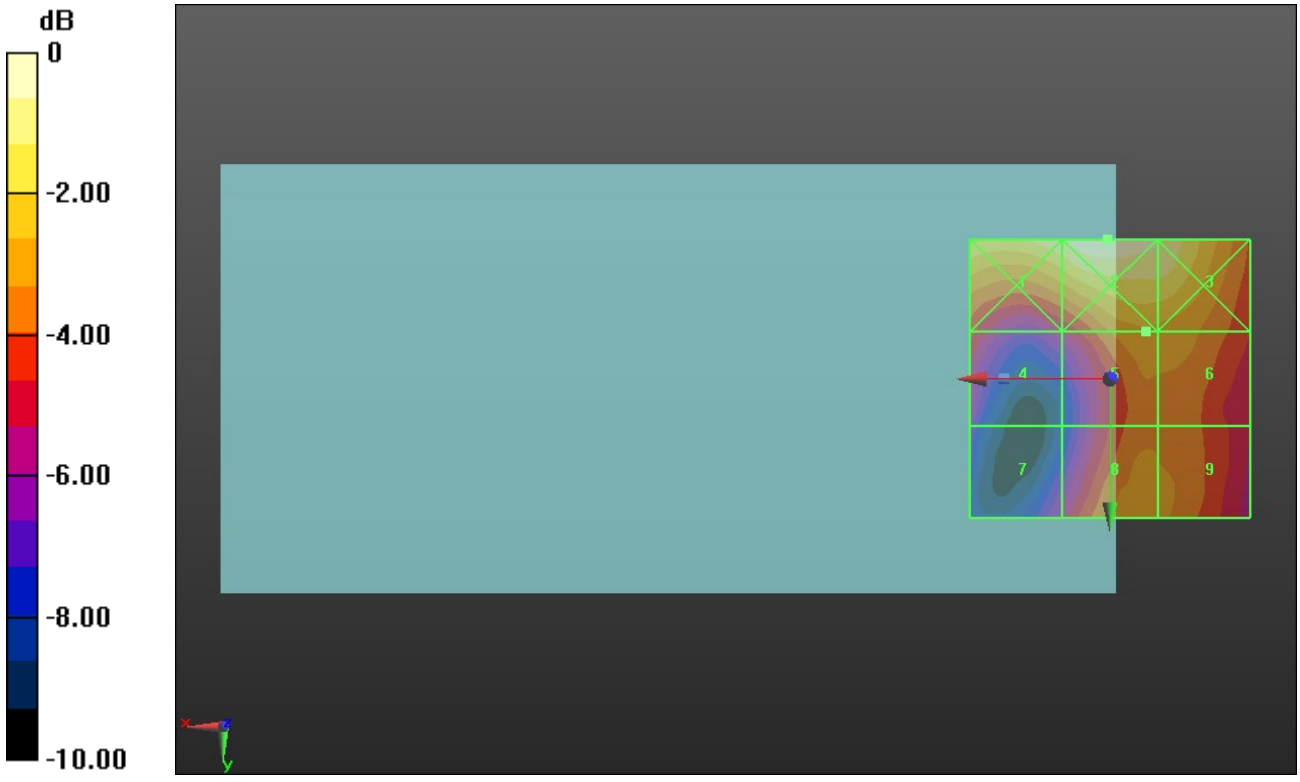
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 39750/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 = 15.17 V/m; Power Drift = 0.10 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.36 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.48 dBV/m**	Grid 2 **M4** **25.09 dBV/m**	Grid 3 **M4** **24.52 dBV/m**
Grid 4 **M4** **20.78 dBV/m**	Grid 5 **M4** **22.36 dBV/m**	Grid 6 **M4** **22.31 dBV/m**
Grid 7 **M4** **19.47 dBV/m**	Grid 8 **M4** **21.98 dBV/m**	Grid 9 **M4** **21.95 dBV/m**



0 dB = 17.97 V/m = 25.09 dBV/m

ANT 3

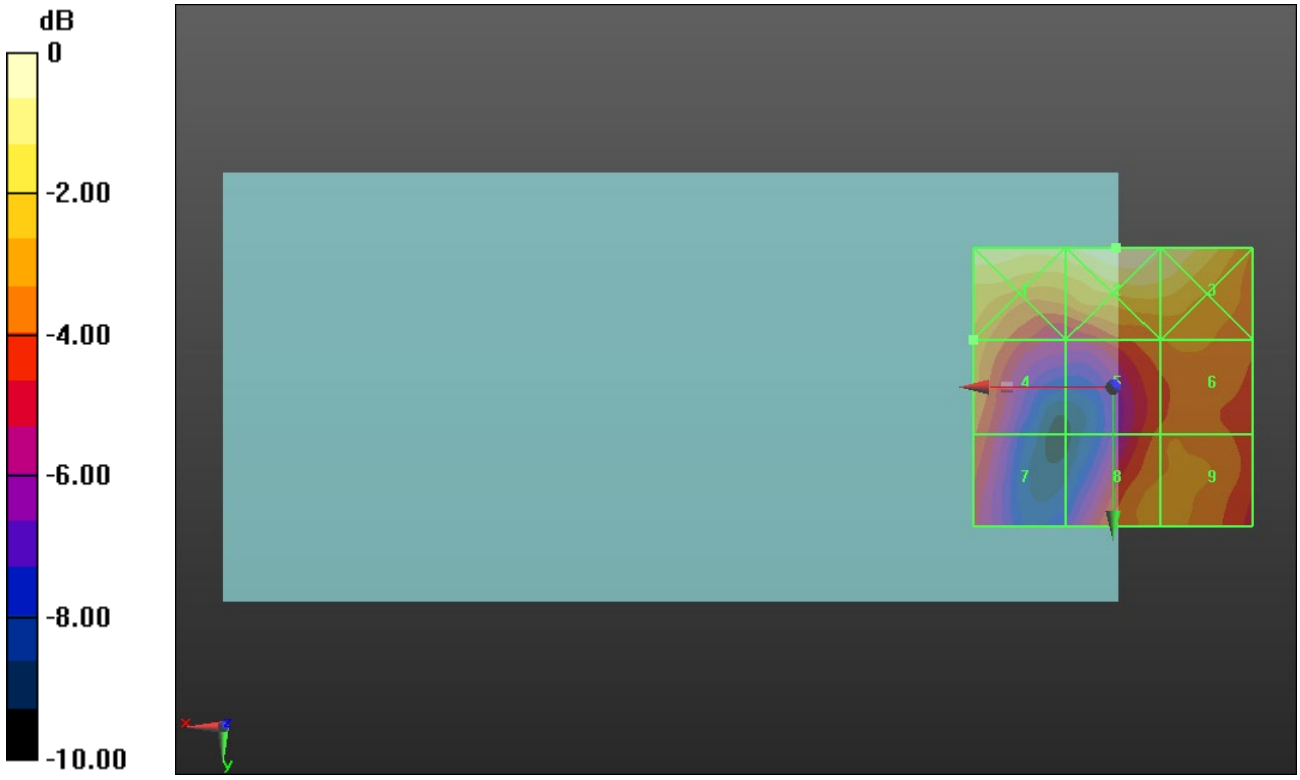
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40185/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 = 12.41 V/m; Power Drift = 0.14 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.21 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.58 dBV/m**	Grid 2 **M4** **24.99 dBV/m**	Grid 3 **M4** **24.35 dBV/m**
Grid 4 **M4** **22.21 dBV/m**	Grid 5 **M4** **21.61 dBV/m**	Grid 6 **M4** **21.89 dBV/m**
Grid 7 **M4** **21.09 dBV/m**	Grid 8 **M4** **21.93 dBV/m**	Grid 9 **M4** **21.95 dBV/m**



0 dB = 17.76 V/m = 24.99 dBV/m

ANT 3

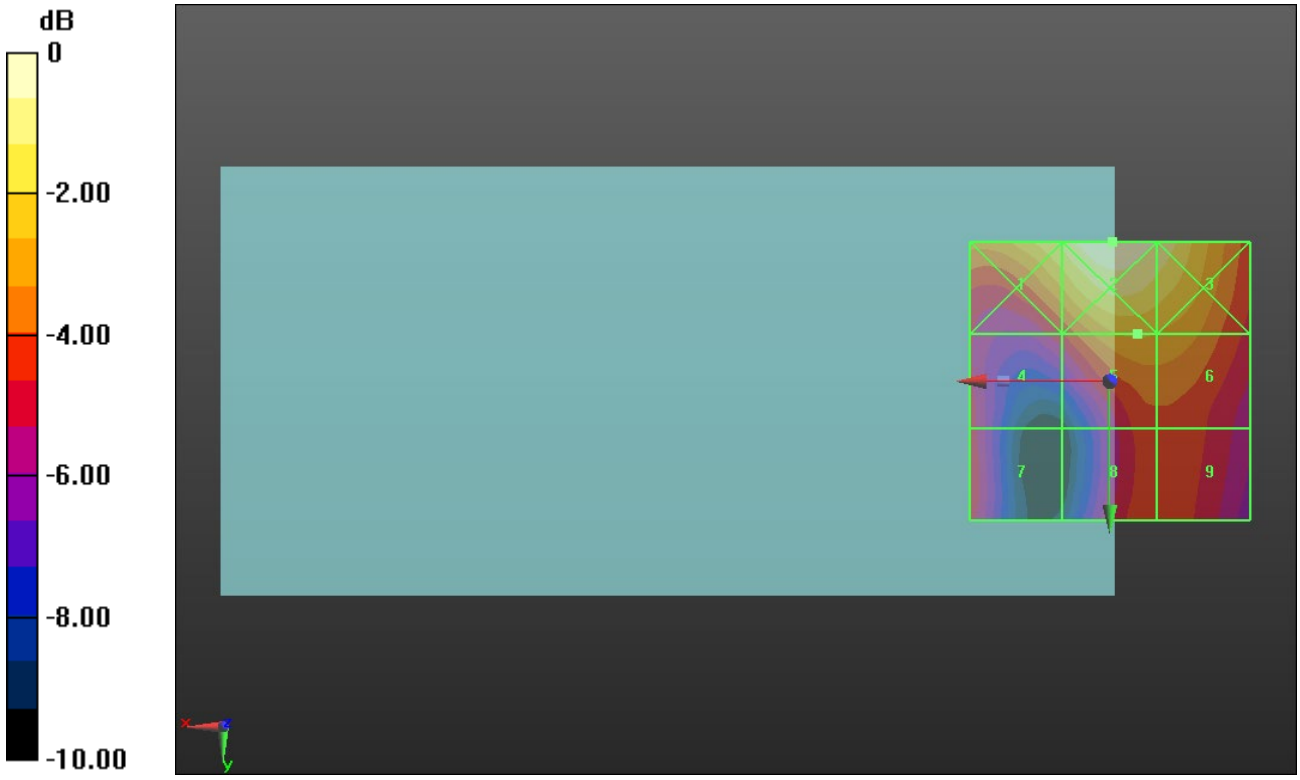
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40620/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 = 17.62 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.94 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.39 dBV/m**	Grid 2 **M4** **25.49 dBV/m**	Grid 3 **M4** **24.8 dBV/m**
Grid 4 **M4** **20.85 dBV/m**	Grid 5 **M4** **22.94 dBV/m**	Grid 6 **M4** **22.81 dBV/m**
Grid 7 **M4** **20.9 dBV/m**	Grid 8 **M4** **21.32 dBV/m**	Grid 9 **M4** **21.34 dBV/m**



0 dB = 18.82 V/m = 25.49 dBV/m

ANT 3

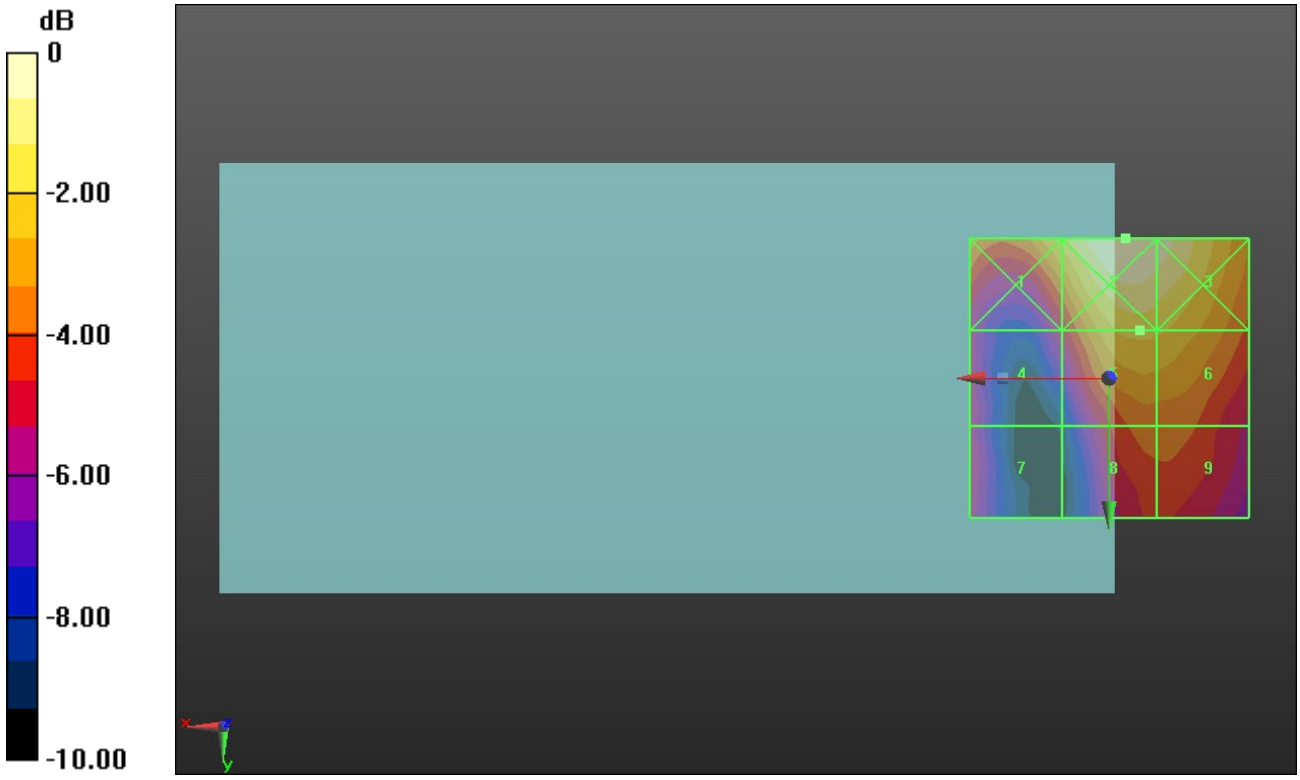
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41055/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 = 19.65 V/m; Power Drift = -0.20 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.59 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.72 dBV/m**	Grid 2 **M4** **25.33 dBV/m**	Grid 3 **M4** **25.06 dBV/m**
Grid 4 **M4** **20.09 dBV/m**	Grid 5 **M4** **23.59 dBV/m**	Grid 6 **M4** **23.45 dBV/m**
Grid 7 **M4** **20.09 dBV/m**	Grid 8 **M4** **21.7 dBV/m**	Grid 9 **M4** **21.69 dBV/m**



0 dB = 18.47 V/m = 25.33 dBV/m

ANT 3

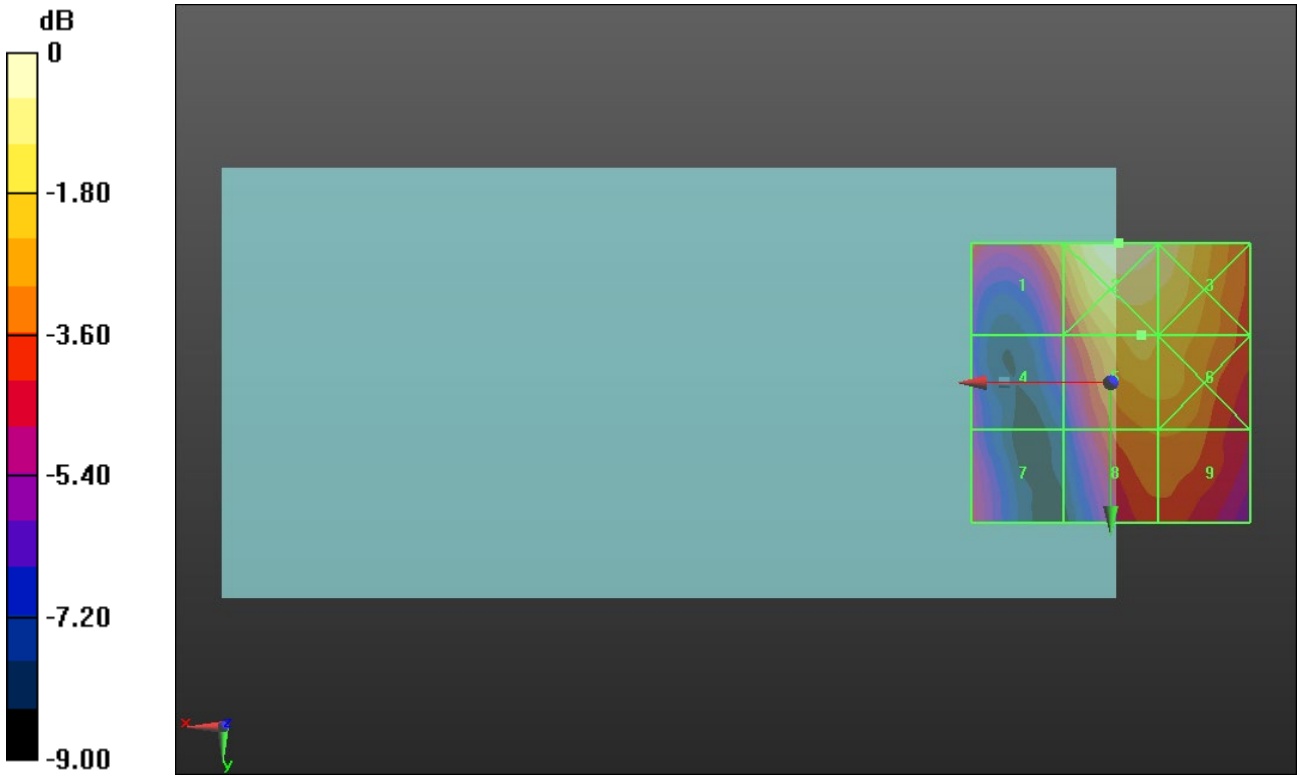
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41490/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 = 19.32 V/m; Power Drift = -0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.34 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.76 dBV/m**	Grid 2 **M4** **24.87 dBV/m**	Grid 3 **M4** **24.34 dBV/m**
Grid 4 **M4** **19.91 dBV/m**	Grid 5 **M4** **23.34 dBV/m**	Grid 6 **M4** **23.1 dBV/m**
Grid 7 **M4** **20.42 dBV/m**	Grid 8 **M4** **21.97 dBV/m**	Grid 9 **M4** **21.98 dBV/m**



0 dB = 17.52 V/m = 24.87 dBV/m

ANT 3

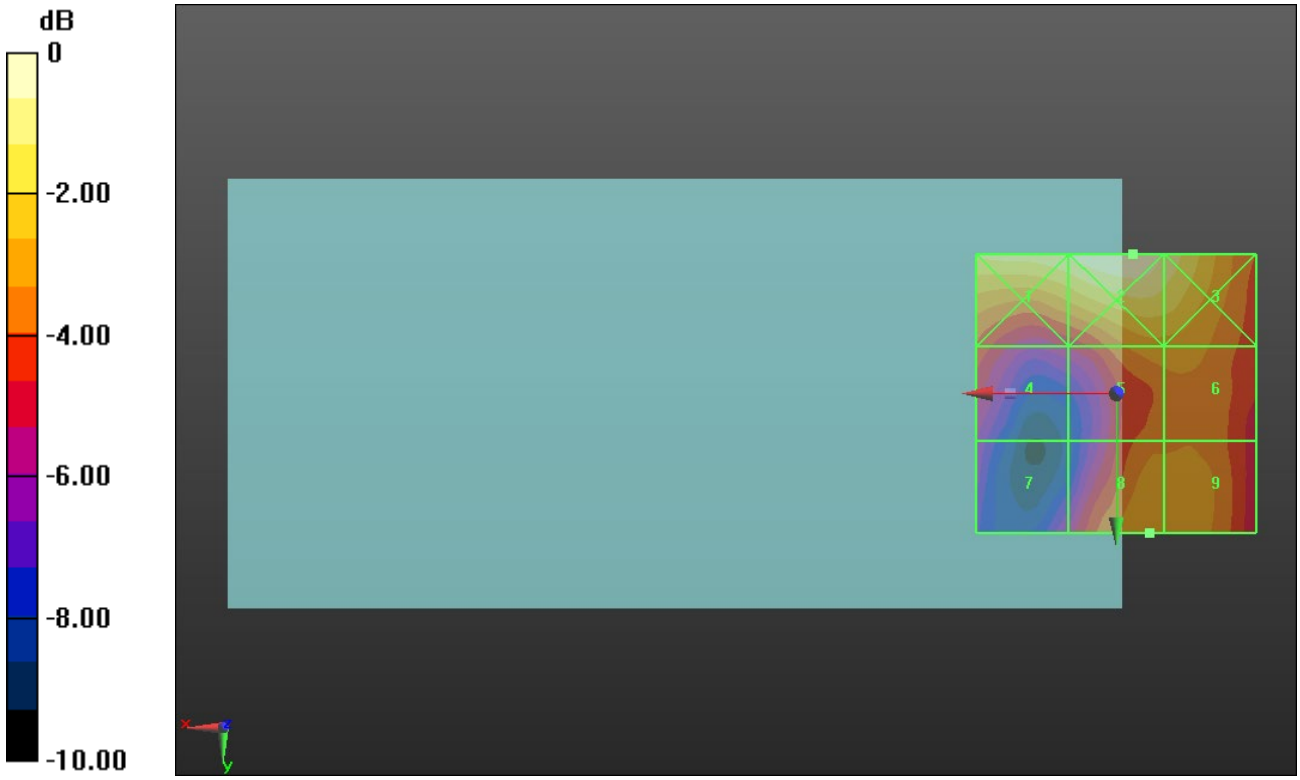
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 39750/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 = 19.46 V/m; Power Drift = 0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.72 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27 dBV/m**	Grid 2 **M4** **27.48 dBV/m**	Grid 3 **M4** **26.74 dBV/m**
Grid 4 **M4** **23.38 dBV/m**	Grid 5 **M4** **24.6 dBV/m**	Grid 6 **M4** **24.59 dBV/m**
Grid 7 **M4** **21.74 dBV/m**	Grid 8 **M4** **24.72 dBV/m**	Grid 9 **M4** **24.61 dBV/m**



0 dB = 23.65 V/m = 27.48 dBV/m

ANT 3

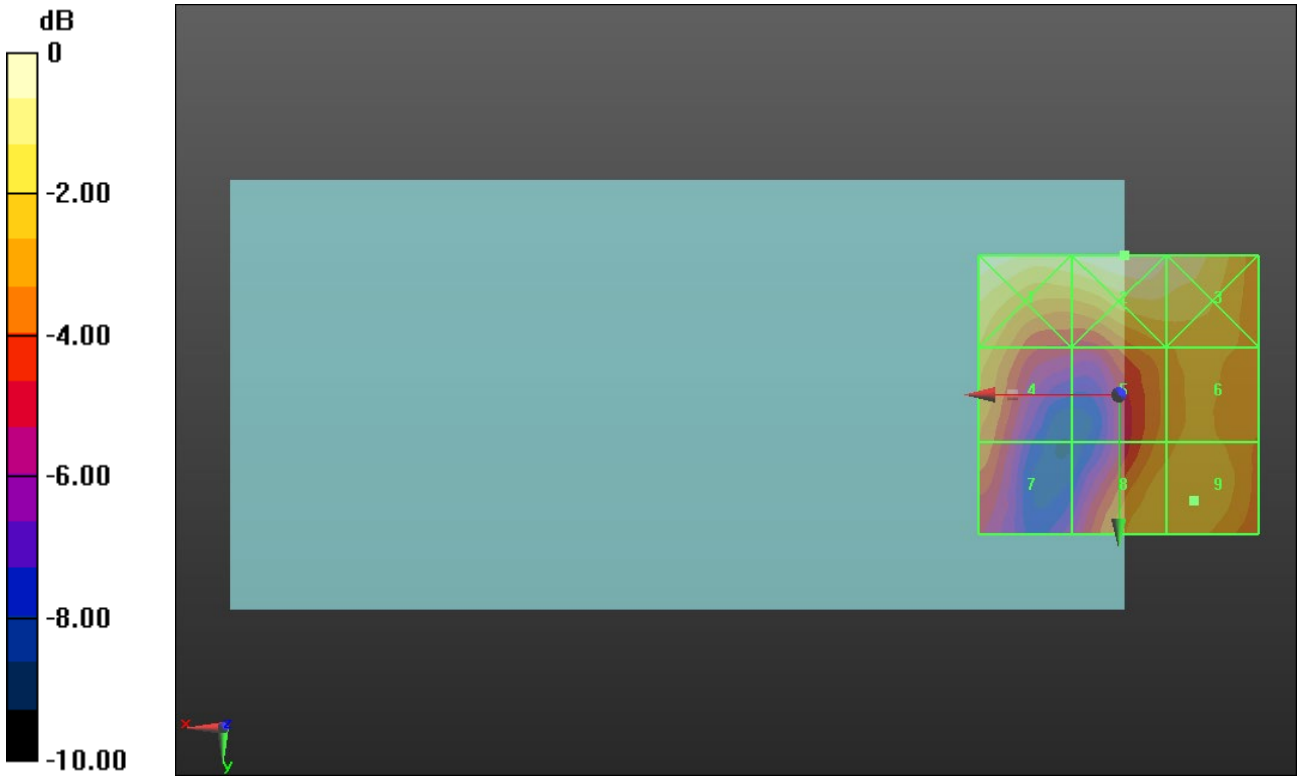
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40185/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 = 15.28 V/m; Power Drift = -0.22 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.85 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.78 dBV/m**	Grid 2 **M4** **26.85 dBV/m**	Grid 3 **M4** **26.33 dBV/m**
Grid 4 **M4** **24.77 dBV/m**	Grid 5 **M4** **24.11 dBV/m**	Grid 6 **M4** **24.45 dBV/m**
Grid 7 **M4** **23.48 dBV/m**	Grid 8 **M4** **24.78 dBV/m**	Grid 9 **M4** **24.85 dBV/m**



0 dB = 21.99 V/m = 26.84 dBV/m

ANT 3

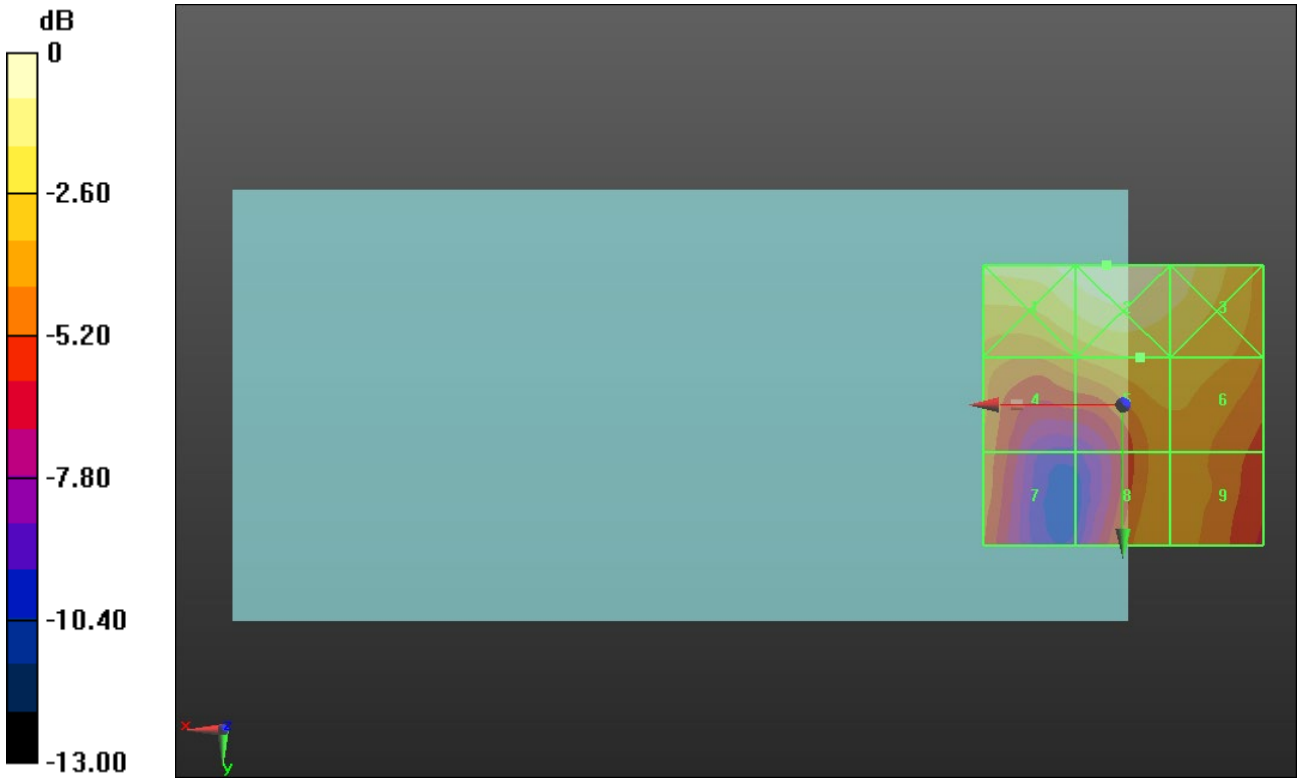
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40620/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 = 22.10 V/m; Power Drift = -0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.87 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.09 dBV/m**	Grid 2 **M4** **27.45 dBV/m**	Grid 3 **M4** **26.45 dBV/m**
Grid 4 **M4** **23.96 dBV/m**	Grid 5 **M4** **24.87 dBV/m**	Grid 6 **M4** **24.8 dBV/m**
Grid 7 **M4** **22.9 dBV/m**	Grid 8 **M4** **23.89 dBV/m**	Grid 9 **M4** **23.8 dBV/m**



0 dB = 23.57 V/m = 27.45 dBV/m

ANT 3

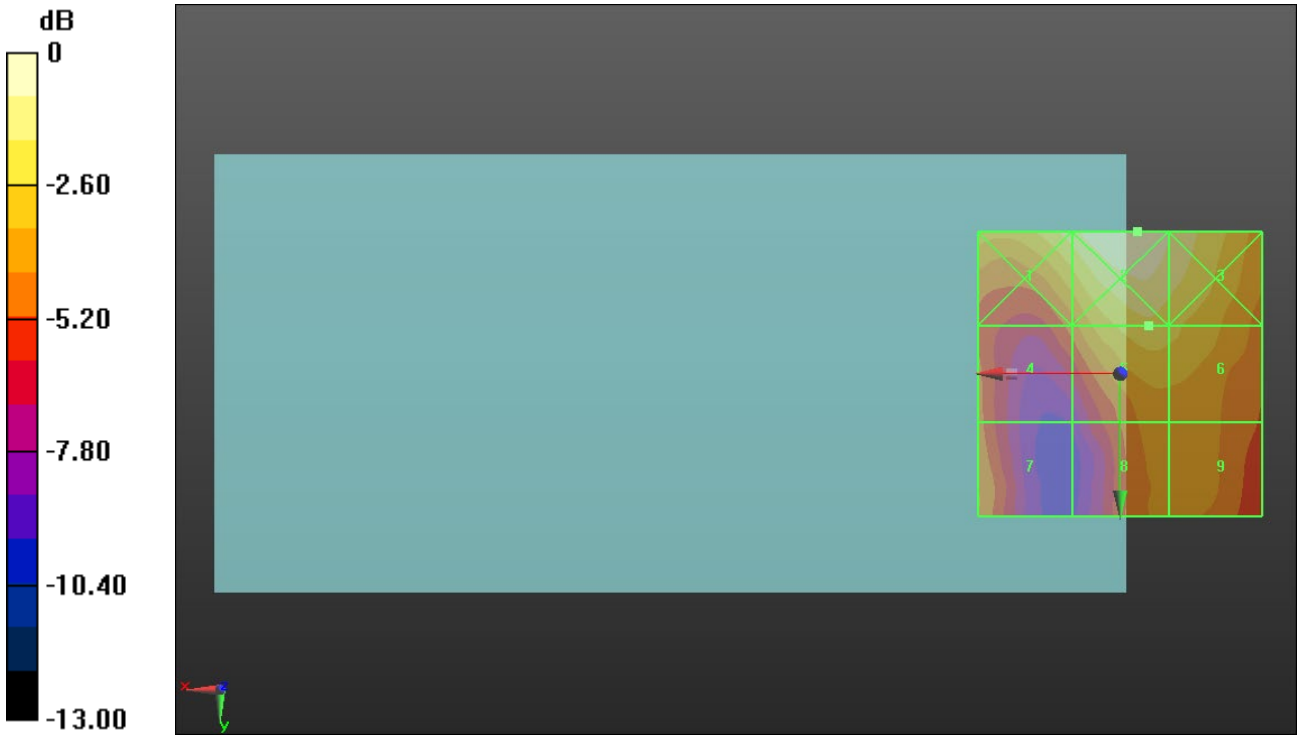
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41055/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 = 23.51 V/m; Power Drift = 0.24 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.72 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.49 dBV/m**	Grid 2 **M4** **27.68 dBV/m**	Grid 3 **M4** **26.88 dBV/m**
Grid 4 **M4** **22.93 dBV/m**	Grid 5 **M4** **25.72 dBV/m**	Grid 6 **M4** **25.37 dBV/m**
Grid 7 **M4** **23.5 dBV/m**	Grid 8 **M4** **23.93 dBV/m**	Grid 9 **M4** **23.99 dBV/m**



0 dB = 24.22 V/m = 27.68 dBV/m

ANT 3

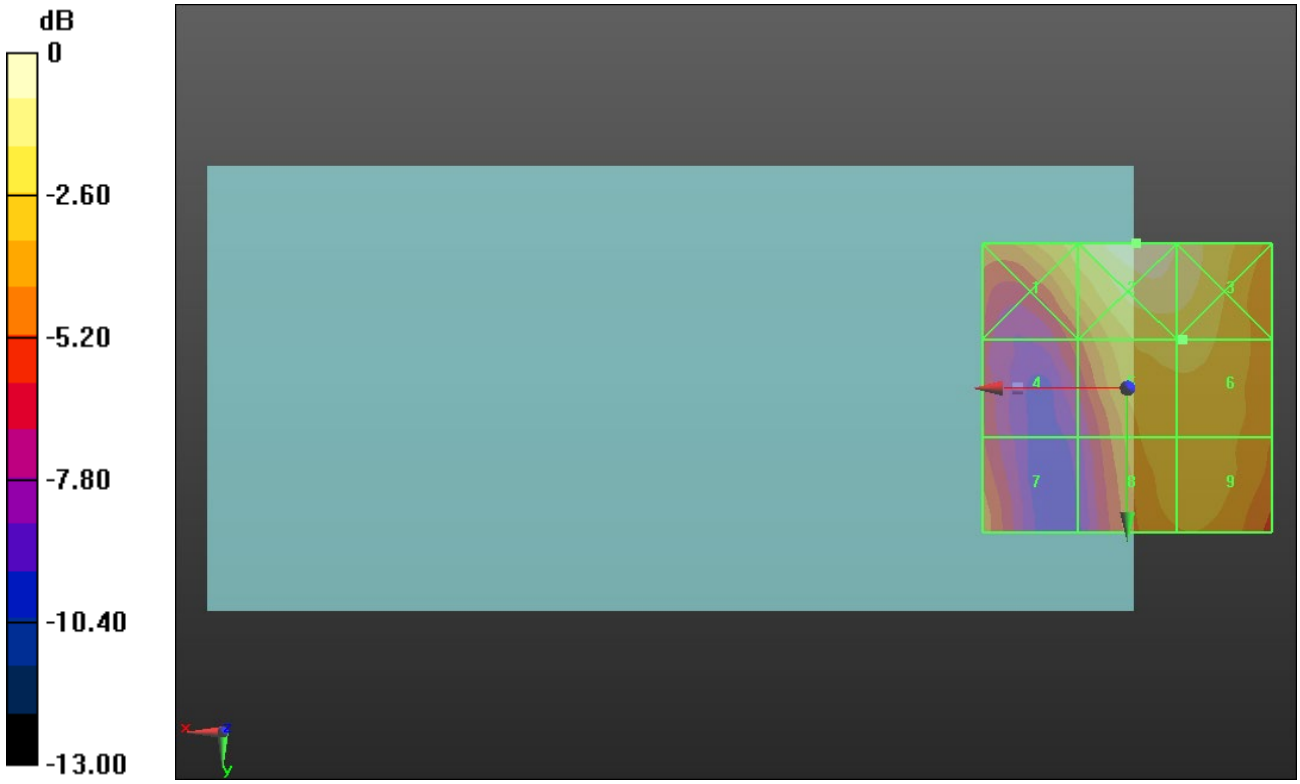
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41490/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 = 24.16 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** **25.33 dBV/m**	Grid 2 **M4** **27.31 dBV/m**	Grid 3 **M4** **26.42 dBV/m**
Grid 4 **M4** **21.95 dBV/m**	Grid 5 **M4** **25.11 dBV/m**	Grid 6 **M4** **25.13 dBV/m**
Grid 7 **M4** **22.81 dBV/m**	Grid 8 **M4** **24.5 dBV/m**	Grid 9 **M4** **24.5 dBV/m**



0 dB = 23.20 V/m = 27.31 dBV/m

ANT 3

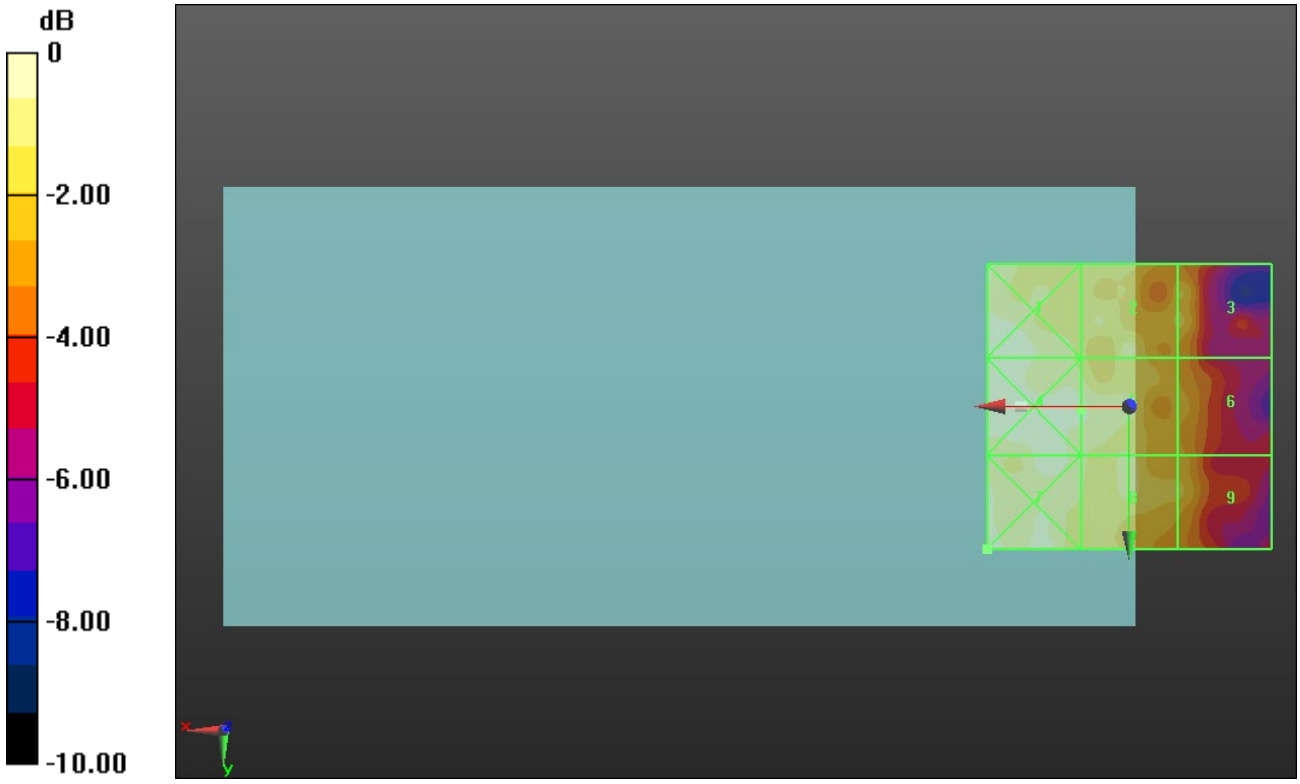
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 2/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 = 5.370 V/m; Power Drift = -0.04 dB
Applied MIF = -2.02 dB
RF audio interference level = 11.33 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **11.68 dBV/m**	Grid 2 **M4** **10.64 dBV/m**	Grid 3 **M4** **9.88 dBV/m**
Grid 4 **M4** **11.62 dBV/m**	Grid 5 **M4** **11.33 dBV/m**	Grid 6 **M4** **9.36 dBV/m**
Grid 7 **M4** **11.7 dBV/m**	Grid 8 **M4** **10.72 dBV/m**	Grid 9 **M4** **9.89 dBV/m**



0 dB = 3.846 V/m = 11.70 dBV/m

ANT 3

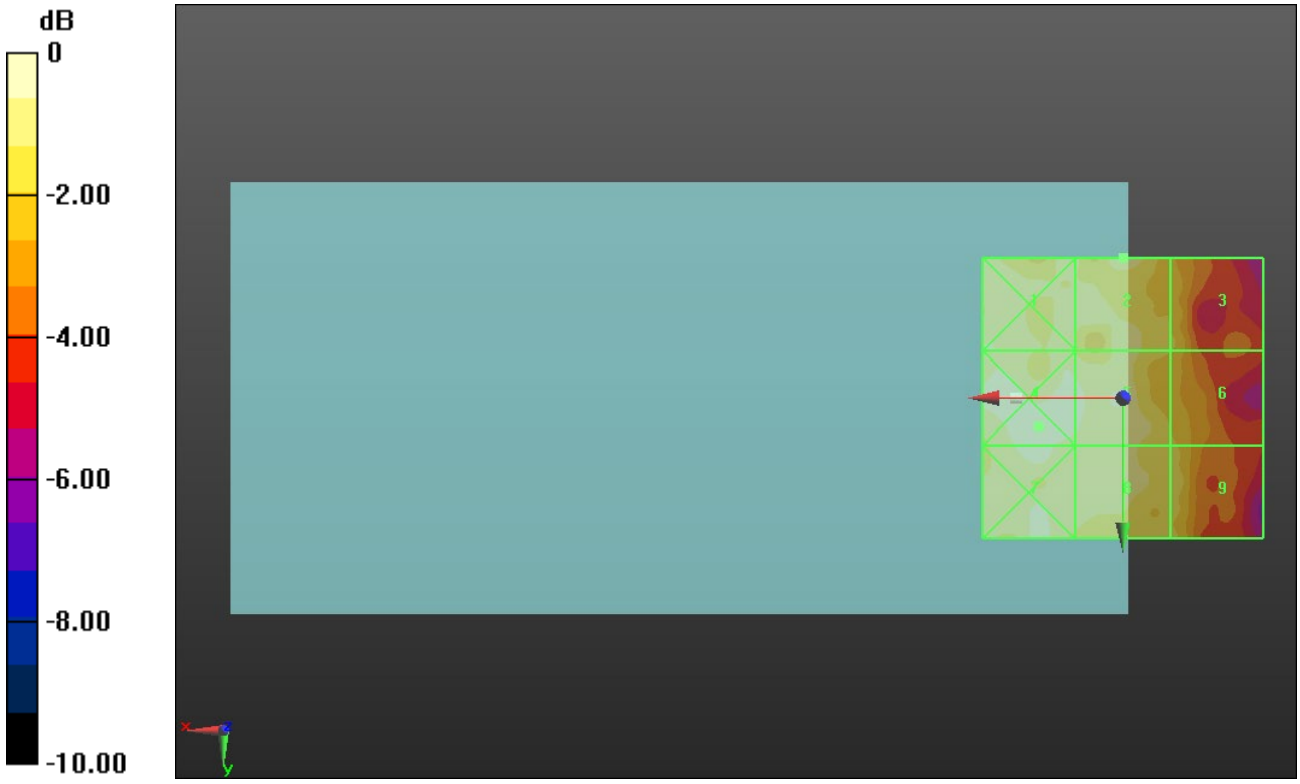
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 6/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 = 5.510 V/m; Power Drift = -0.15 dB
Applied MIF = -2.02 dB
RF audio interference level = 12.03 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **11.64 dBV/m**	Grid 2 **M4** **12.03 dBV/m**	Grid 3 **M4** **10.44 dBV/m**
Grid 4 **M4** **12.28 dBV/m**	Grid 5 **M4** **11.84 dBV/m**	Grid 6 **M4** **10.46 dBV/m**
Grid 7 **M4** **12.05 dBV/m**	Grid 8 **M4** **11.57 dBV/m**	Grid 9 **M4** **10.84 dBV/m**



0 dB = 4.111 V/m = 12.28 dBV/m

ANT 3

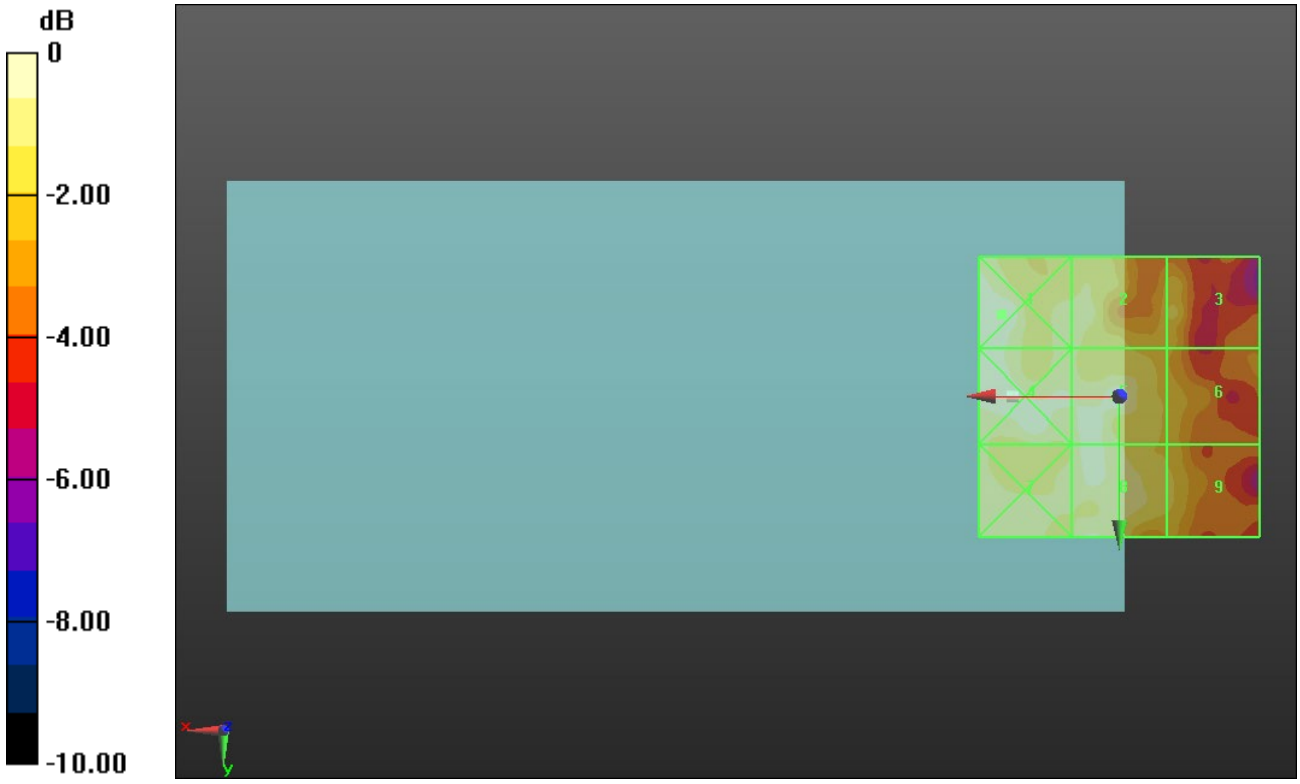
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 11/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 = 4.895 V/m; Power Drift = 0.07 dB
Applied MIF = -2.02 dB
RF audio interference level = 10.94 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **11.11 dBV/m**	Grid 2 **M4** **10.13 dBV/m**	Grid 3 **M4** **9.35 dBV/m**
Grid 4 **M4** **11.03 dBV/m**	Grid 5 **M4** **10.94 dBV/m**	Grid 6 **M4** **9.03 dBV/m**
Grid 7 **M4** **10.34 dBV/m**	Grid 8 **M4** **10.79 dBV/m**	Grid 9 **M4** **9.35 dBV/m**



0 dB = 3.594 V/m = 11.11 dBV/m

ANT 3

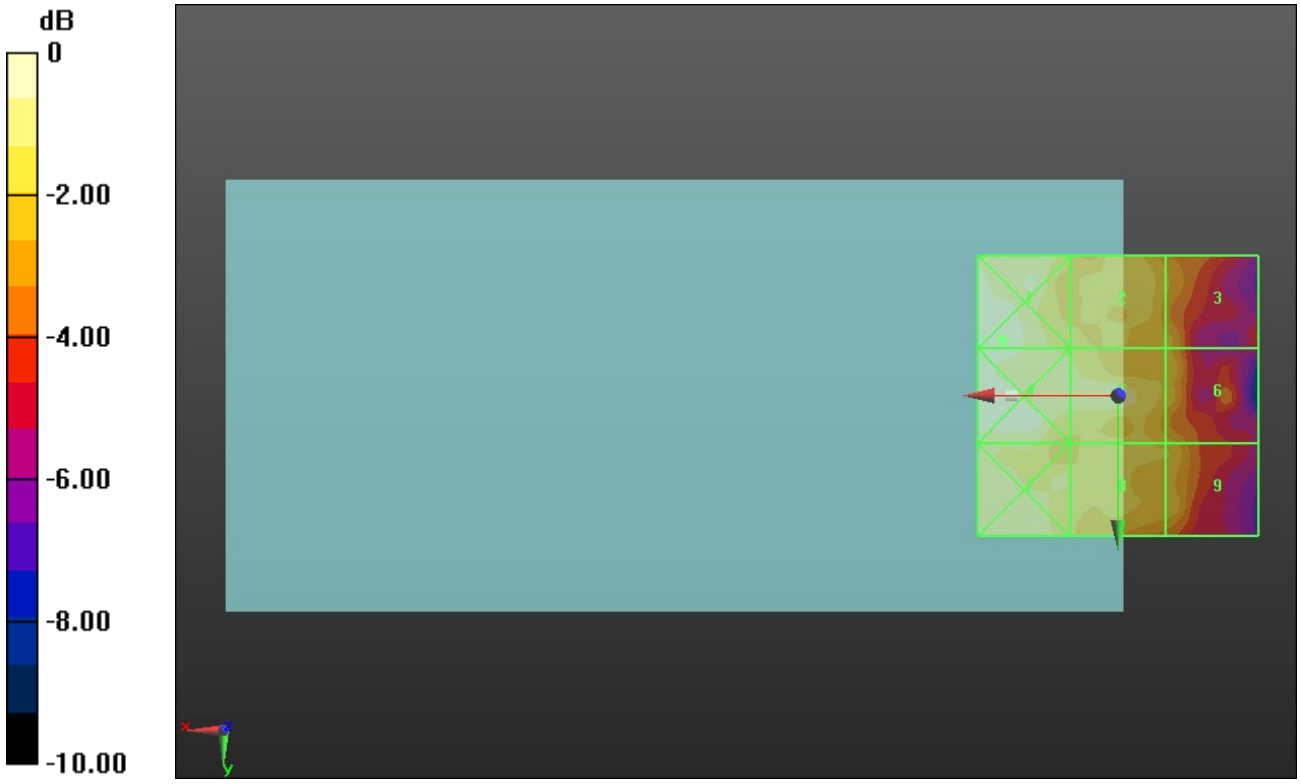
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 3/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 = 5.516 V/m; Power Drift = 0.16 dB
Applied MIF = 0.12 dB
RF audio interference level = 13.96 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.56 dBV/m**	Grid 2 **M4** **13.18 dBV/m**	Grid 3 **M4** **12.18 dBV/m**
Grid 4 **M4** **14.39 dBV/m**	Grid 5 **M4** **13.96 dBV/m**	Grid 6 **M4** **12.57 dBV/m**
Grid 7 **M4** **14.08 dBV/m**	Grid 8 **M4** **13.16 dBV/m**	Grid 9 **M4** **12.62 dBV/m**



0 dB = 5.347 V/m = 14.56 dBV/m

ANT 3

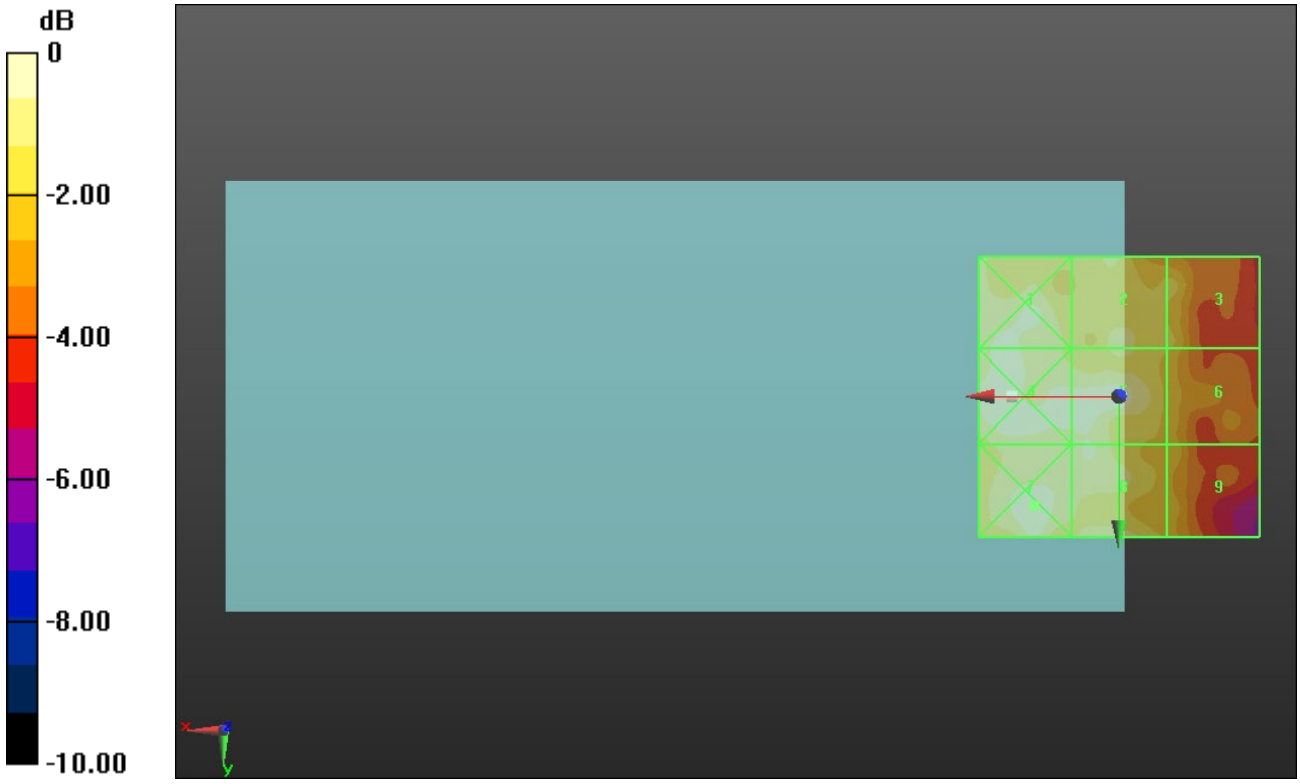
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 6/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 = 5.522 V/m; Power Drift = 0.15 dB
Applied MIF = 0.12 dB
RF audio interference level = 14.31 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.97 dBV/m**	Grid 2 **M4** **13.48 dBV/m**	Grid 3 **M4** **12.69 dBV/m**
Grid 4 **M4** **14.12 dBV/m**	Grid 5 **M4** **14.31 dBV/m**	Grid 6 **M4** **12.5 dBV/m**
Grid 7 **M4** **14.39 dBV/m**	Grid 8 **M4** **13.82 dBV/m**	Grid 9 **M4** **12.37 dBV/m**



0 dB = 5.241 V/m = 14.39 dBV/m

ANT 3

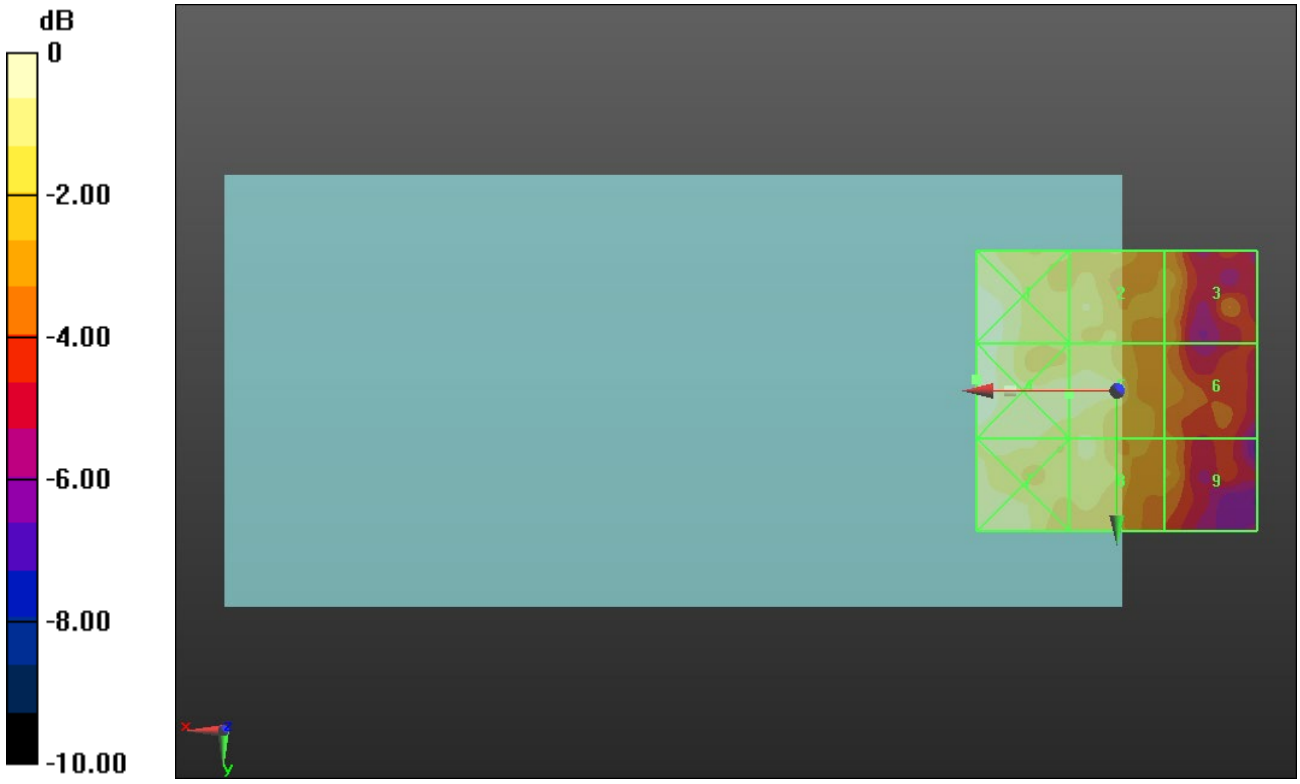
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 9/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 = 5.228 V/m; Power Drift = -0.23 dB
Applied MIF = 0.12 dB
RF audio interference level = 13.46 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.92 dBV/m**	Grid 2 **M4** **13.01 dBV/m**	Grid 3 **M4** **12.01 dBV/m**
Grid 4 **M4** **14.3 dBV/m**	Grid 5 **M4** **13.46 dBV/m**	Grid 6 **M4** **11.59 dBV/m**
Grid 7 **M4** **13.68 dBV/m**	Grid 8 **M4** **13.31 dBV/m**	Grid 9 **M4** **11.7 dBV/m**



0 dB = 5.186 V/m = 14.30 dBV/m

ANT 4

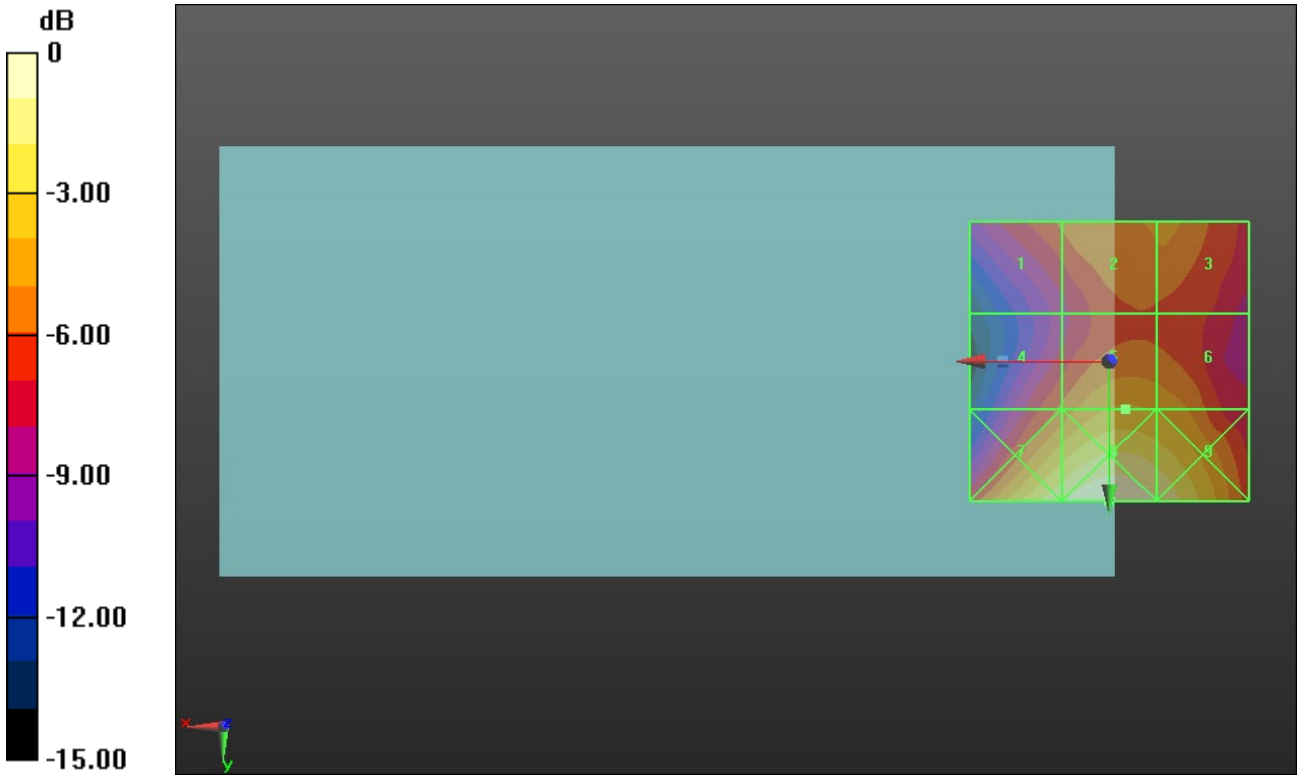
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 21.91 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.85 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.95 dBV/m**	Grid 2 **M4** **29.05 dBV/m**	Grid 3 **M4** **29.08 dBV/m**
Grid 4 **M4** **27.98 dBV/m**	Grid 5 **M4** **29.85 dBV/m**	Grid 6 **M4** **29.54 dBV/m**
Grid 7 **M3** **32.62 dBV/m**	Grid 8 **M3** **33.66 dBV/m**	Grid 9 **M3** **32.73 dBV/m**



0 dB = 48.21 V/m = 33.66 dBV/m

ANT 4

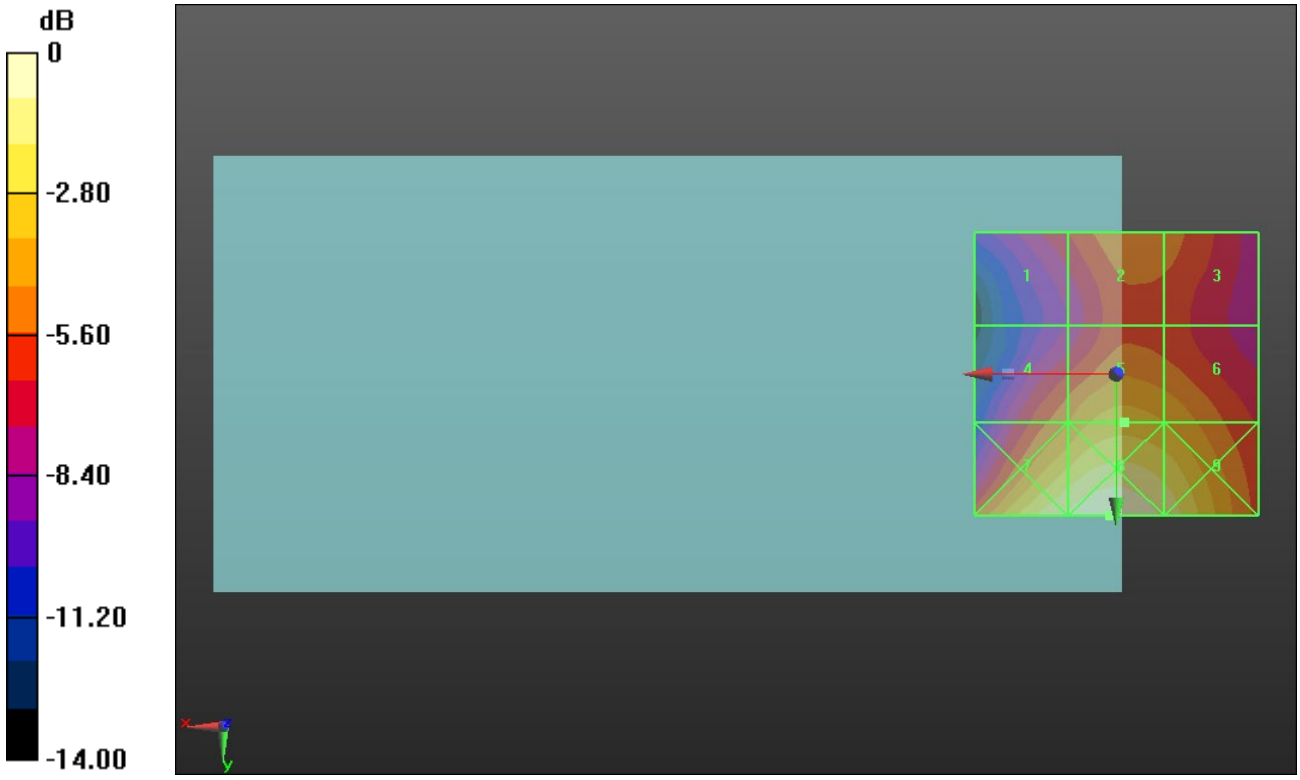
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 22.09 V/m; Power Drift = 0.18 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.97 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.71 dBV/m**	Grid 2 **M4** **28.42 dBV/m**	Grid 3 **M4** **28.09 dBV/m**
Grid 4 **M4** **28.54 dBV/m**	Grid 5 **M4** **29.97 dBV/m**	Grid 6 **M4** **29.46 dBV/m**
Grid 7 **M3** **32.52 dBV/m**	Grid 8 **M3** **33.19 dBV/m**	Grid 9 **M3** **32.07 dBV/m**



0 dB = 45.65 V/m = 33.19 dBV/m

ANT 4

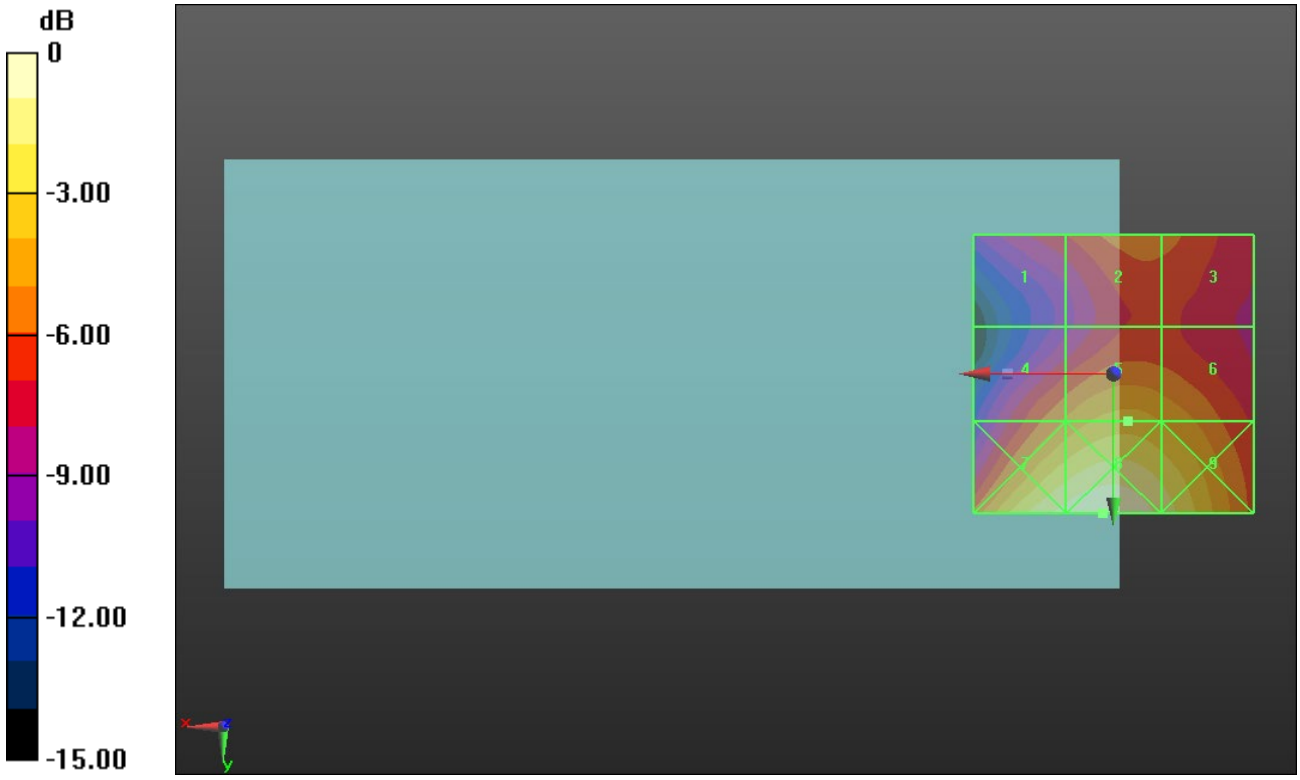
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

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 = 23.35 V/m; Power Drift = -0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.38 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **26.94 dBV/m**	Grid 2 **M4** **28.41 dBV/m**	Grid 3 **M4** **28.36 dBV/m**
Grid 4 **M4** **29.08 dBV/m**	Grid 5 **M3** **30.38 dBV/m**	Grid 6 **M4** **29.86 dBV/m**
Grid 7 **M3** **33.34 dBV/m**	Grid 8 **M3** **33.88 dBV/m**	Grid 9 **M3** **32.57 dBV/m**



0 dB = 49.41 V/m = 33.88 dBV/m

ANT 4

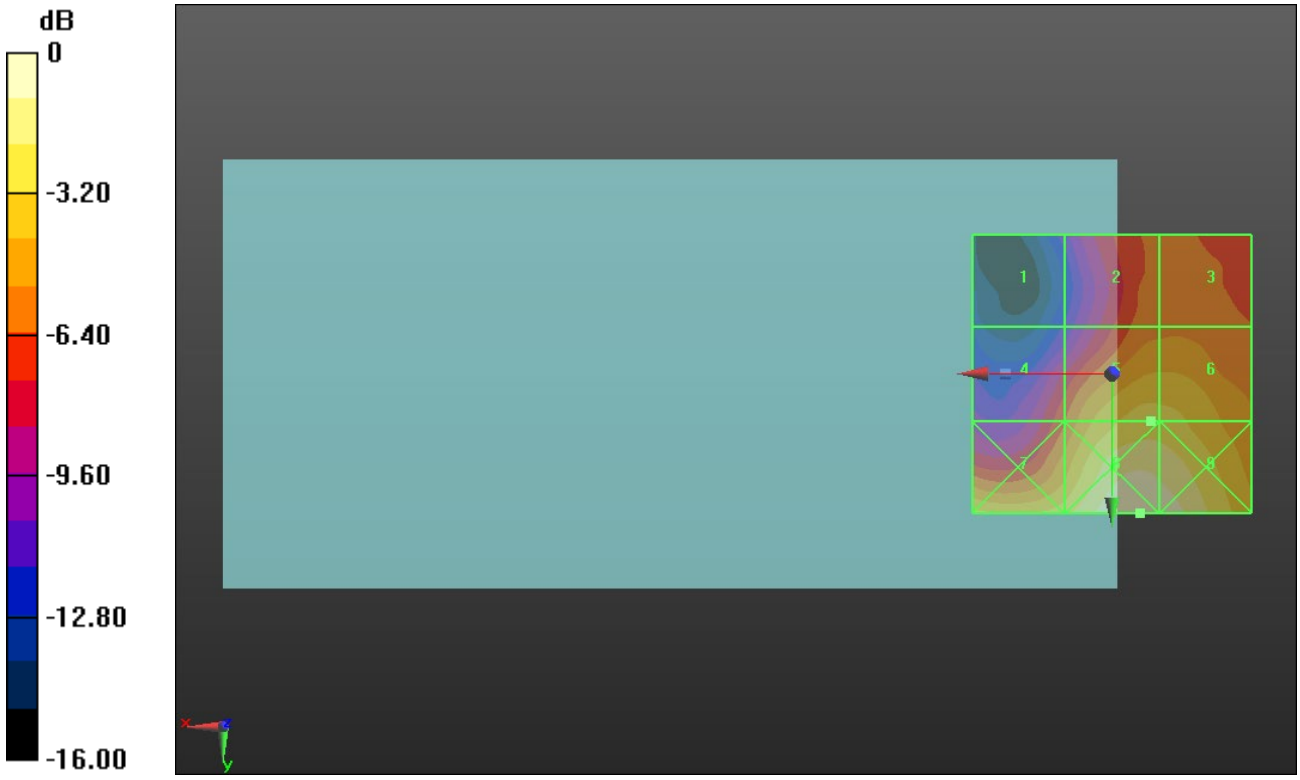
Communication System: UID 101, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 39750/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 = 24.78 V/m; Power Drift = -0.26 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.02 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.72 dBV/m**	Grid 2 **M4** **23.17 dBV/m**	Grid 3 **M4** **23.25 dBV/m**
Grid 4 **M4** **22.26 dBV/m**	Grid 5 **M4** **26.02 dBV/m**	Grid 6 **M4** **26 dBV/m**
Grid 7 **M4** **26.24 dBV/m**	Grid 8 **M4** **28.7 dBV/m**	Grid 9 **M4** **28.46 dBV/m**



0 dB = 27.22 V/m = 28.70 dBV/m

ANT 4

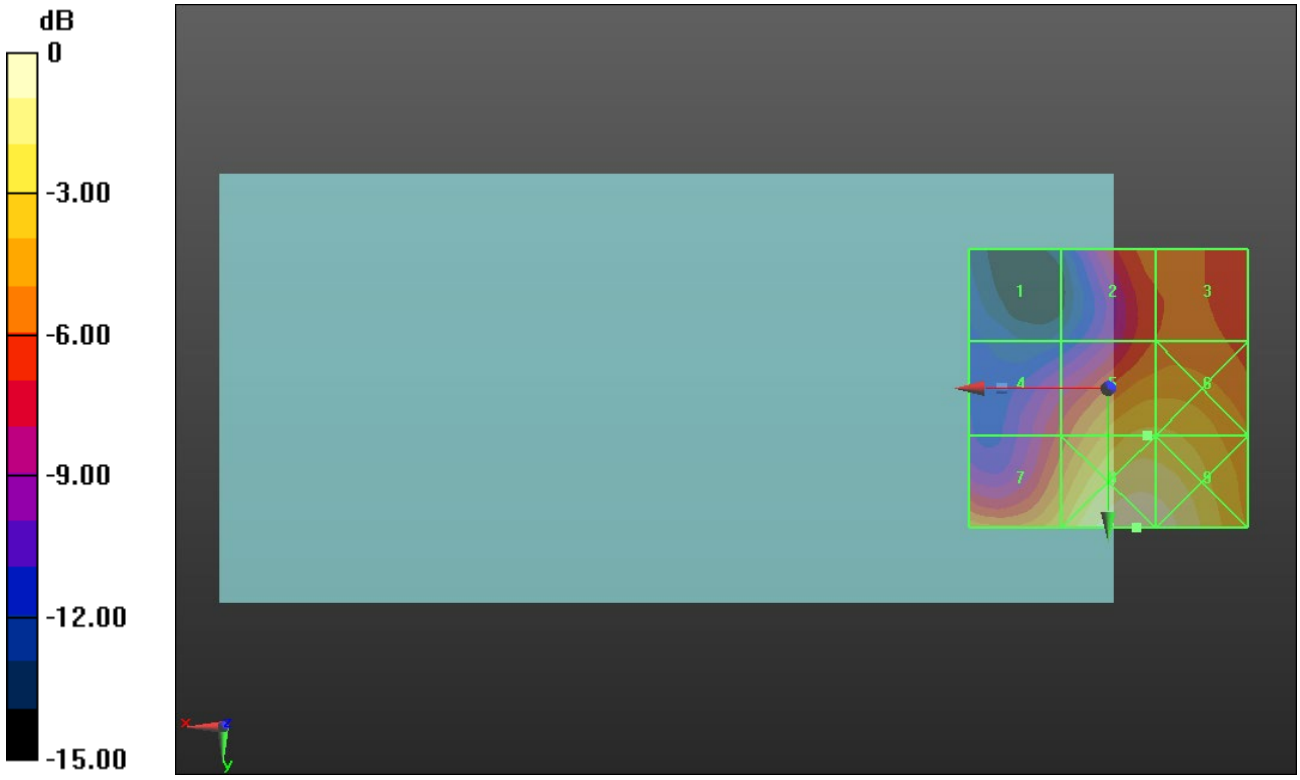
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40185/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 = 24.68 V/m; Power Drift = -0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.51 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.66 dBV/m**	Grid 2 **M4** **23.65 dBV/m**	Grid 3 **M4** **23.71 dBV/m**
Grid 4 **M4** **22.62 dBV/m**	Grid 5 **M4** **26.51 dBV/m**	Grid 6 **M4** **26.47 dBV/m**
Grid 7 **M4** **26.16 dBV/m**	Grid 8 **M4** **29.2 dBV/m**	Grid 9 **M4** **28.91 dBV/m**



0 dB = 28.84 V/m = 29.20 dBV/m

ANT 4

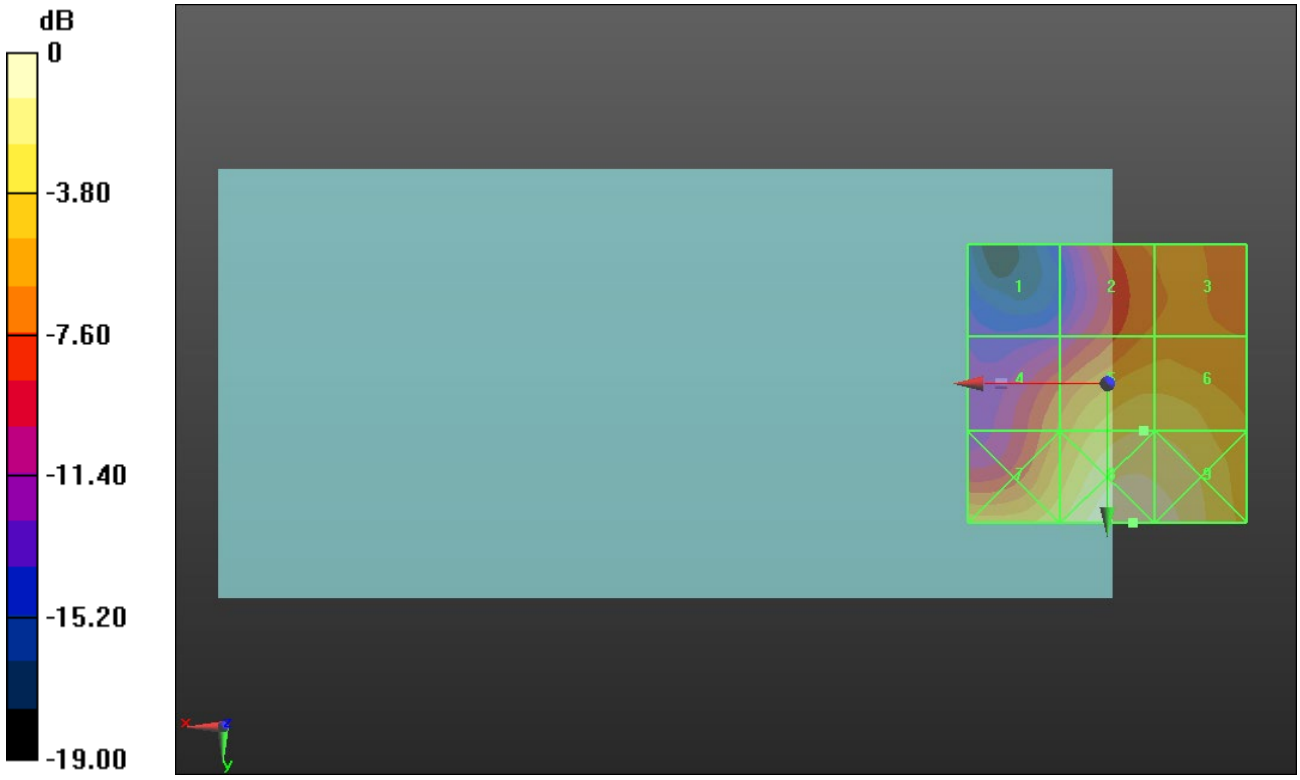
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40620/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 = 27.36 V/m; Power Drift = -0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.89 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.4 dBV/m**	Grid 2 **M4** **23.42 dBV/m**	Grid 3 **M4** **23.62 dBV/m**
Grid 4 **M4** **23.45 dBV/m**	Grid 5 **M4** **26.89 dBV/m**	Grid 6 **M4** **26.82 dBV/m**
Grid 7 **M4** **26.89 dBV/m**	Grid 8 **M4** **29.4 dBV/m**	Grid 9 **M4** **29.07 dBV/m**



0 dB = 29.50 V/m = 29.40 dBV/m

ANT 4

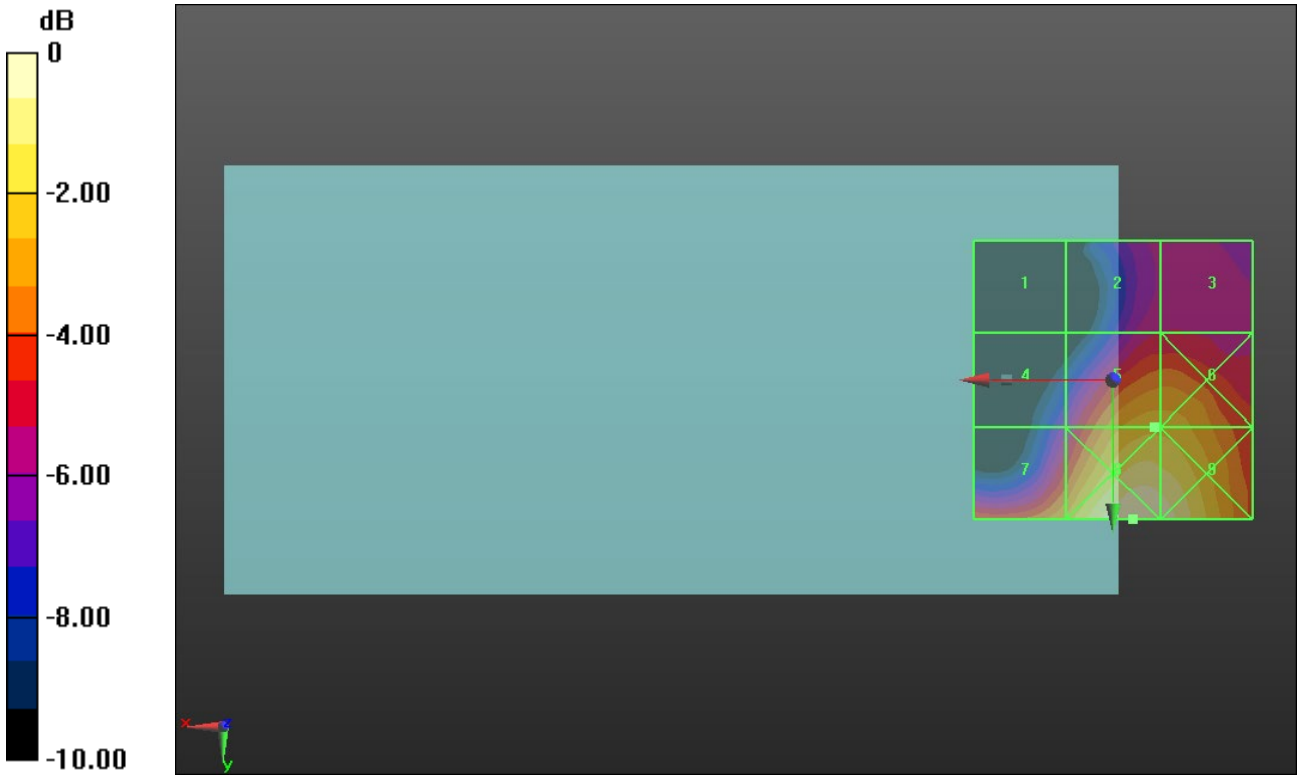
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41055/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 = 27.01 V/m; Power Drift = -0.34 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.61 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.54 dBV/m**	Grid 2 **M4** **23.46 dBV/m**	Grid 3 **M4** **23.55 dBV/m**
Grid 4 **M4** **22.59 dBV/m**	Grid 5 **M4** **26.61 dBV/m**	Grid 6 **M4** **26.59 dBV/m**
Grid 7 **M4** **26.35 dBV/m**	Grid 8 **M4** **28.79 dBV/m**	Grid 9 **M4** **28.54 dBV/m**



0 dB = 27.50 V/m = 28.79 dBV/m

ANT 4

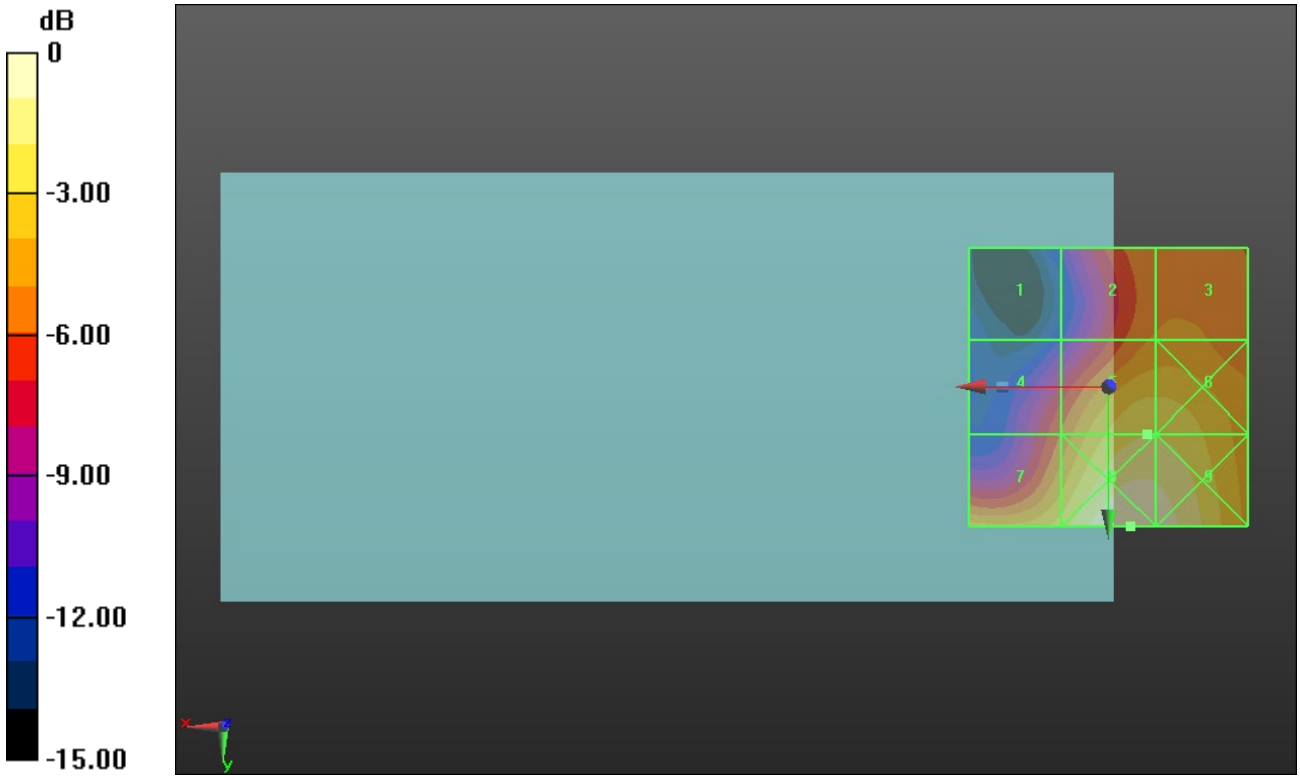
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41490/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 = 28.26 V/m; Power Drift = -0.20 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.80 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.4 dBV/m**	Grid 2 **M4** **24 dBV/m**	Grid 3 **M4** **24.18 dBV/m**
Grid 4 **M4** **22.95 dBV/m**	Grid 5 **M4** **26.8 dBV/m**	Grid 6 **M4** **26.77 dBV/m**
Grid 7 **M4** **26.4 dBV/m**	Grid 8 **M4** **28.81 dBV/m**	Grid 9 **M4** **28.49 dBV/m**



0 dB = 27.58 V/m = 28.81 dBV/m

ANT 4

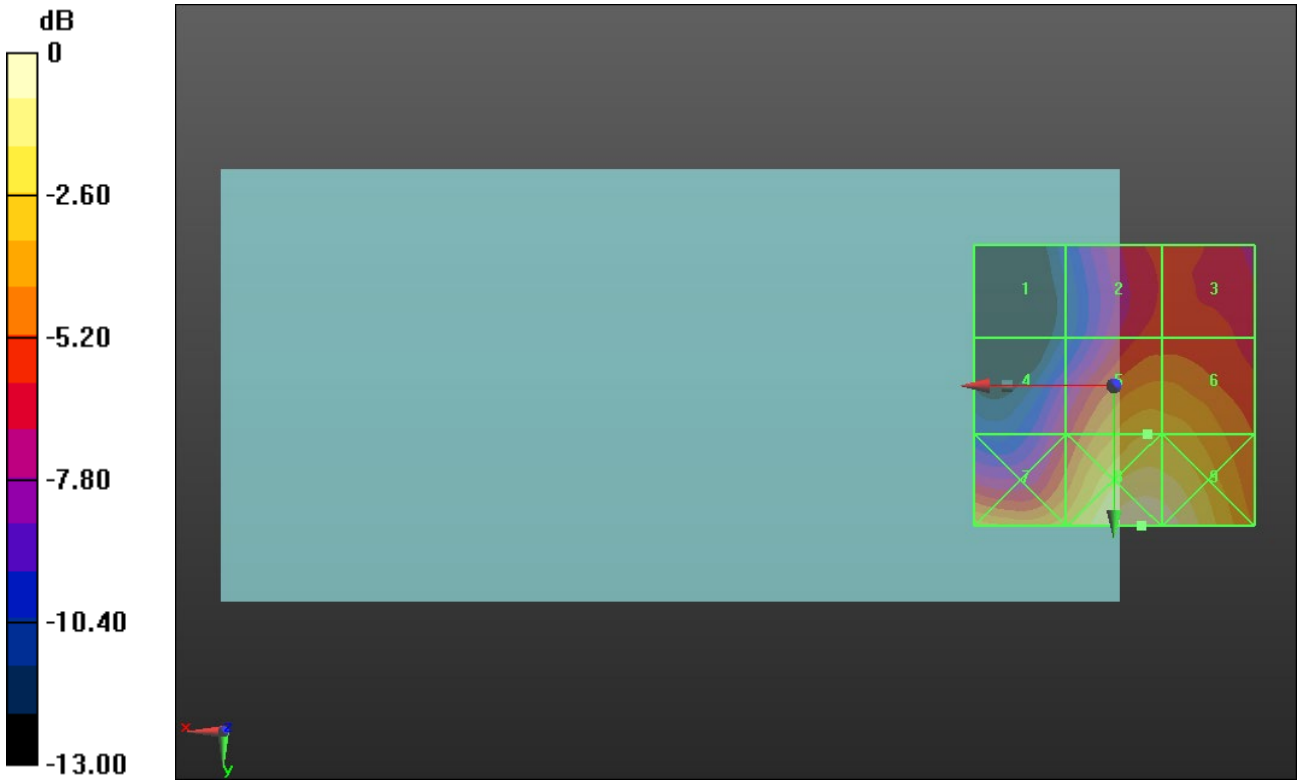
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 39750/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 = 28.66 V/m; Power Drift = -0.08 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.38 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.48 dBV/m**	Grid 2 **M4** **24.38 dBV/m**	Grid 3 **M4** **24.44 dBV/m**
Grid 4 **M4** **23.56 dBV/m**	Grid 5 **M4** **27.38 dBV/m**	Grid 6 **M4** **27.26 dBV/m**
Grid 7 **M4** **27.27 dBV/m**	Grid 8 **M3** **30.02 dBV/m**	Grid 9 **M4** **29.74 dBV/m**



0 dB = 31.70 V/m = 30.02 dBV/m

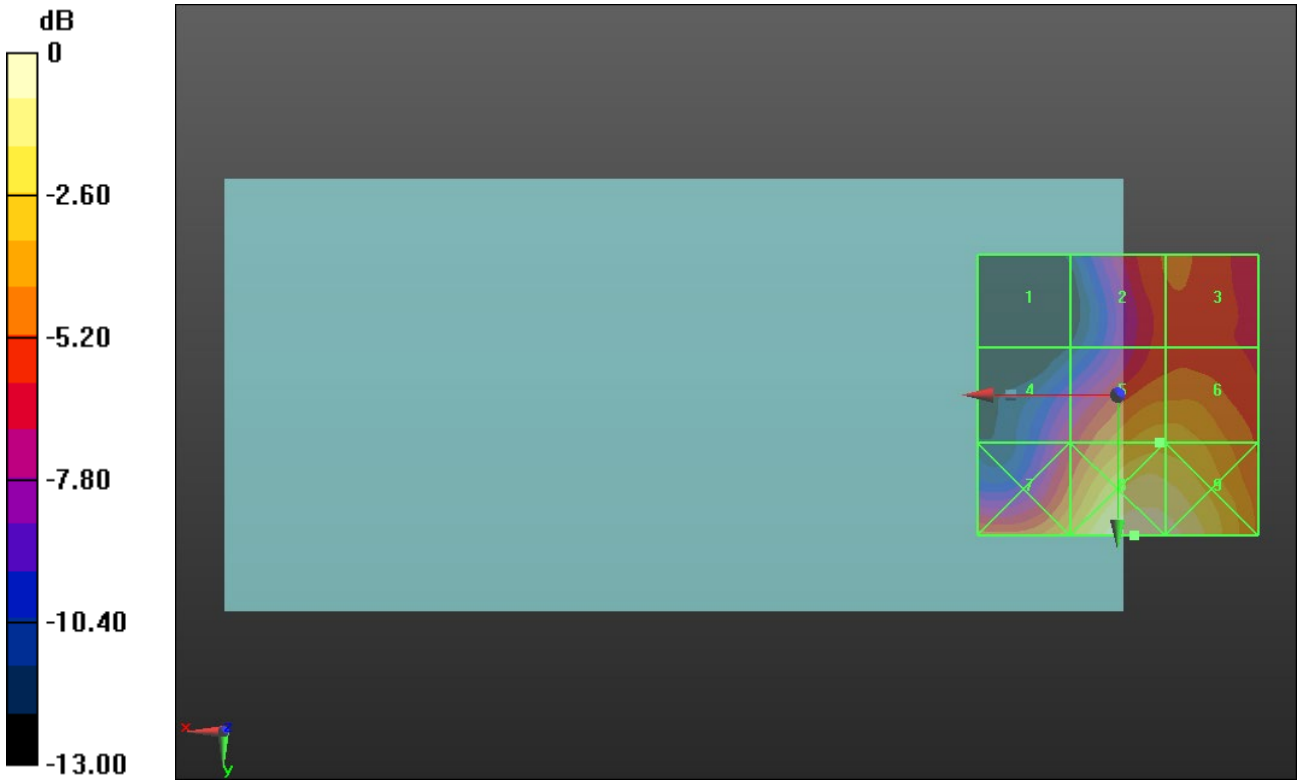
ANT 4

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 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40185/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 = 28.66 V/m; Power Drift = -0.09 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.72 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.11 dBV/m**	Grid 2 **M4** **25.49 dBV/m**	Grid 3 **M4** **25.59 dBV/m**
Grid 4 **M4** **24.03 dBV/m**	Grid 5 **M4** **27.72 dBV/m**	Grid 6 **M4** **27.7 dBV/m**
Grid 7 **M4** **27.83 dBV/m**	Grid 8 **M3** **30.62 dBV/m**	Grid 9 **M3** **30.24 dBV/m**



0 dB = 33.97 V/m = 30.62 dBV/m

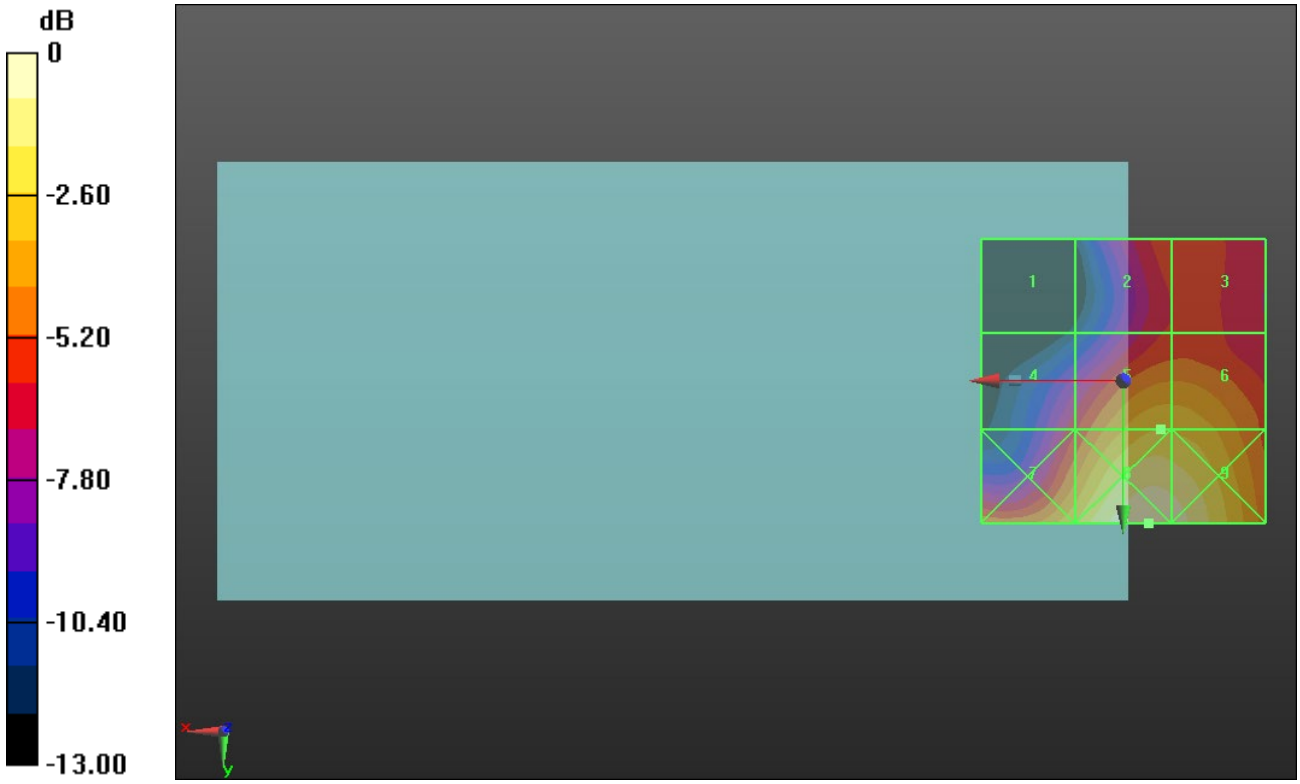
ANT 4

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 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 40620/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 = 29.27 V/m; Power Drift = 0.27 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.92 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.9 dBV/m**	Grid 2 **M4** **24.99 dBV/m**	Grid 3 **M4** **25.07 dBV/m**
Grid 4 **M4** **24.32 dBV/m**	Grid 5 **M4** **27.92 dBV/m**	Grid 6 **M4** **27.86 dBV/m**
Grid 7 **M4** **27.97 dBV/m**	Grid 8 **M3** **30.52 dBV/m**	Grid 9 **M3** **30.18 dBV/m**



0 dB = 33.59 V/m = 30.52 dBV/m

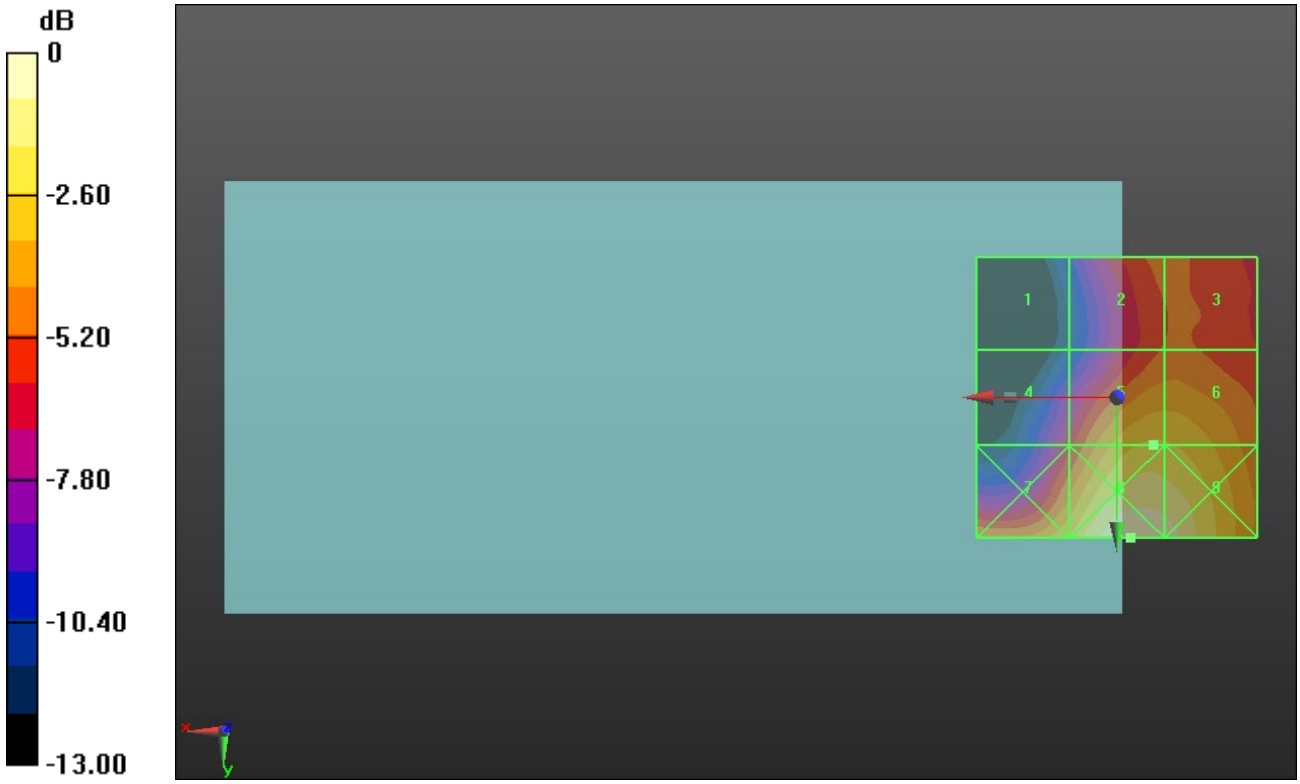
ANT 4

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 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41055/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 = 30.70 V/m; Power Drift = -0.22 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.86 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.66 dBV/m**	Grid 2 **M4** **25.25 dBV/m**	Grid 3 **M4** **25.33 dBV/m**
Grid 4 **M4** **23.88 dBV/m**	Grid 5 **M4** **27.86 dBV/m**	Grid 6 **M4** **27.78 dBV/m**
Grid 7 **M4** **27.79 dBV/m**	Grid 8 **M3** **30.26 dBV/m**	Grid 9 **M4** **29.88 dBV/m**



0 dB = 32.57 V/m = 30.26 dBV/m

ANT 4

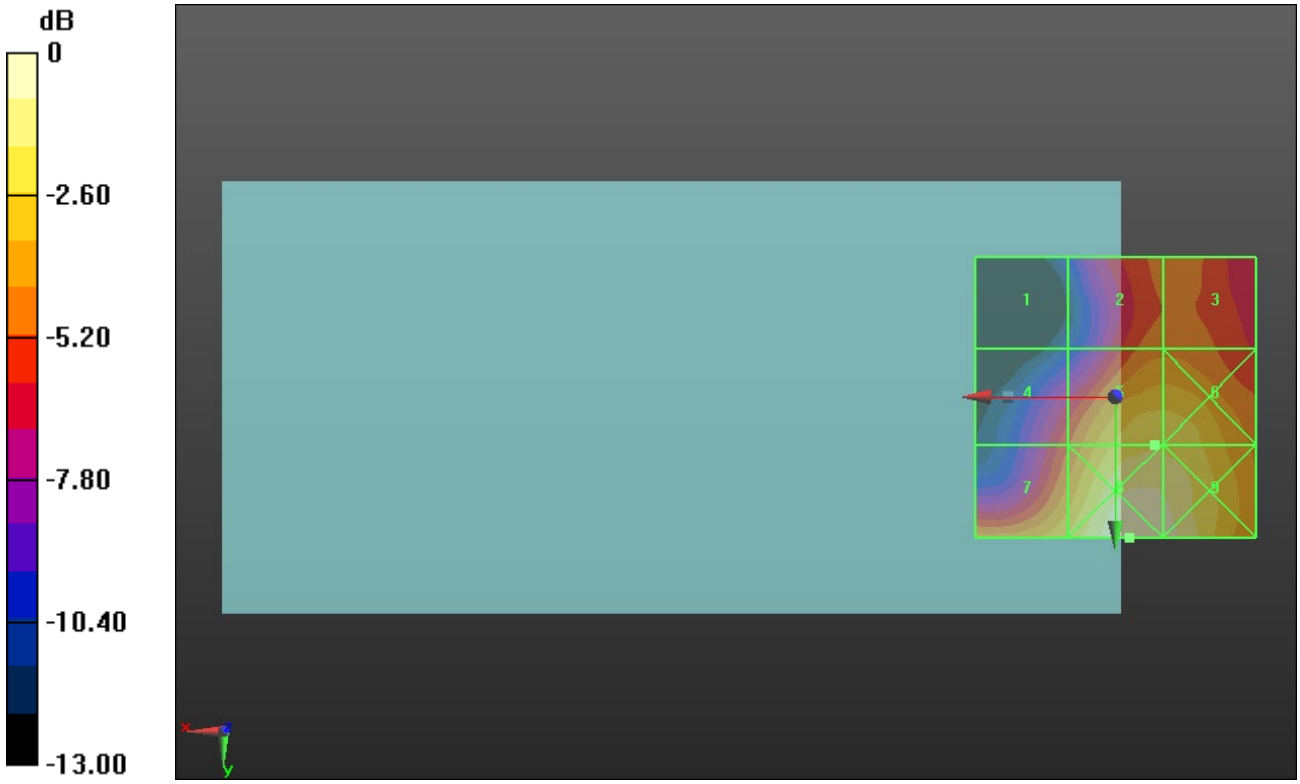
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 41_Power Class 2 E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 41490/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 32.50 V/m; Power Drift = -0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 28.35 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.22 dBV/m**	Grid 2 **M4** **25.64 dBV/m**	Grid 3 **M4** **25.68 dBV/m**
Grid 4 **M4** **24.84 dBV/m**	Grid 5 **M4** **28.35 dBV/m**	Grid 6 **M4** **28.3 dBV/m**
Grid 7 **M4** **27.73 dBV/m**	Grid 8 **M3** **30.17 dBV/m**	Grid 9 **M4** **29.77 dBV/m**



0 dB = 32.24 V/m = 30.17 dBV/m

ANT 4

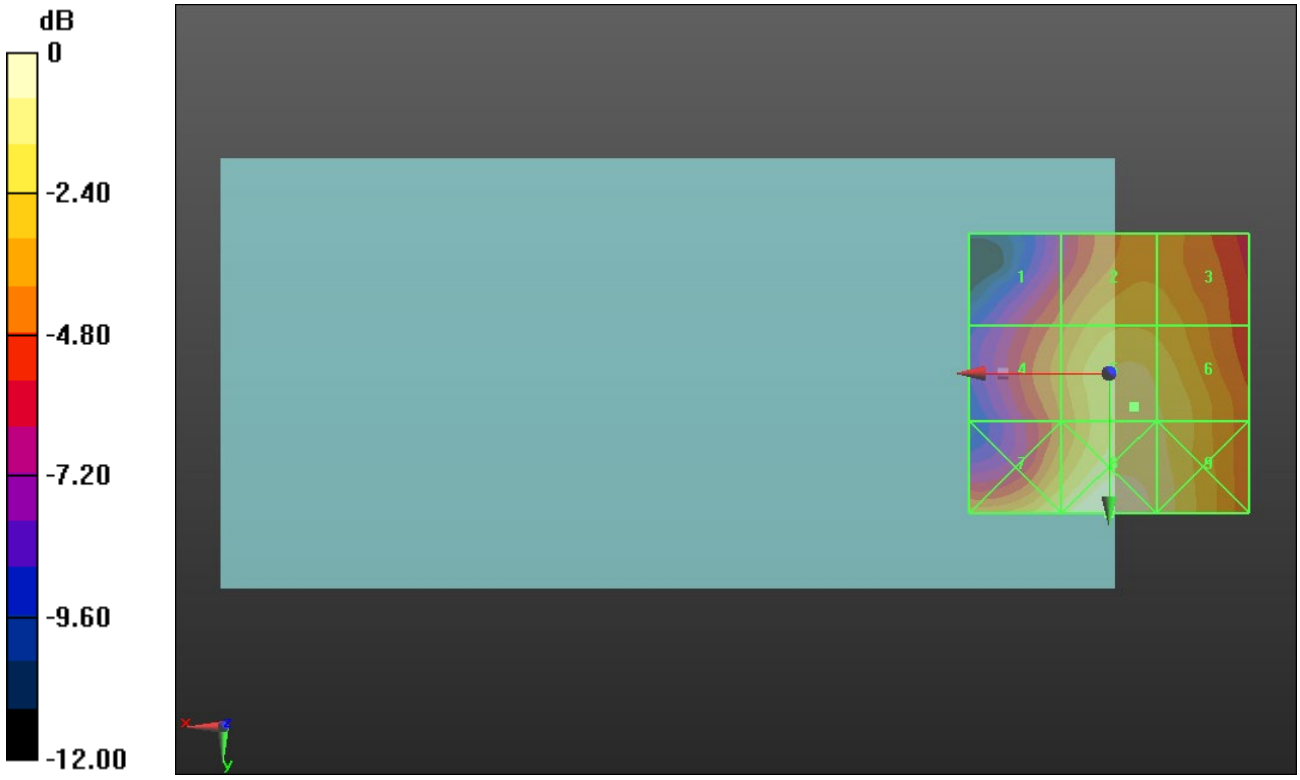
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 55340/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 = 29.93 V/m; Power Drift = 0.18 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.80 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.83 dBV/m**	Grid 2 **M4** **24.65 dBV/m**	Grid 3 **M4** **24.48 dBV/m**
Grid 4 **M4** **23.64 dBV/m**	Grid 5 **M4** **25.8 dBV/m**	Grid 6 **M4** **25.6 dBV/m**
Grid 7 **M4** **26.01 dBV/m**	Grid 8 **M4** **27.07 dBV/m**	Grid 9 **M4** **26.08 dBV/m**



0 dB = 22.57 V/m = 27.07 dBV/m

ANT 4

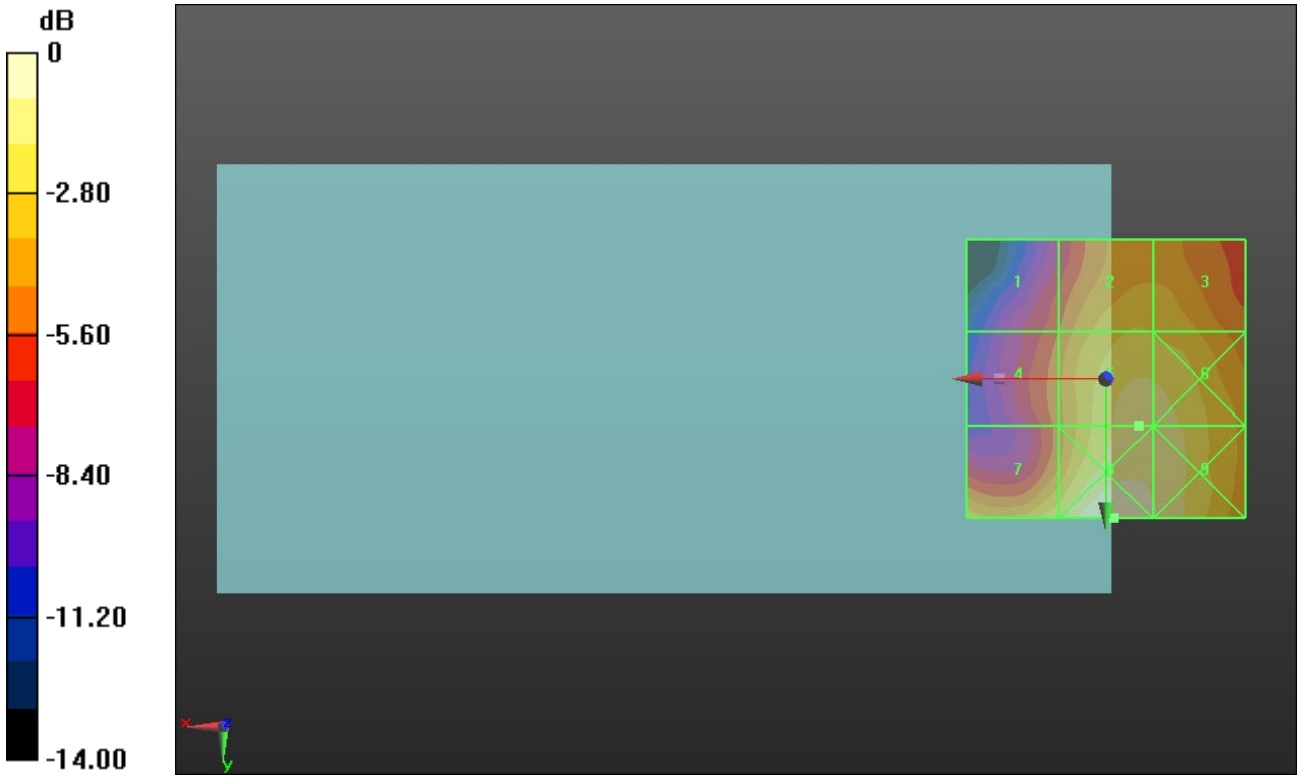
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 55773/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 = 26.61 V/m; Power Drift = -0.35 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.20 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.96 dBV/m**	Grid 2 **M4** **23.84 dBV/m**	Grid 3 **M4** **23.67 dBV/m**
Grid 4 **M4** **21.71 dBV/m**	Grid 5 **M4** **25.2 dBV/m**	Grid 6 **M4** **25.09 dBV/m**
Grid 7 **M4** **24.74 dBV/m**	Grid 8 **M4** **26.56 dBV/m**	Grid 9 **M4** **25.78 dBV/m**



0 dB = 21.27 V/m = 26.56 dBV/m

ANT 4

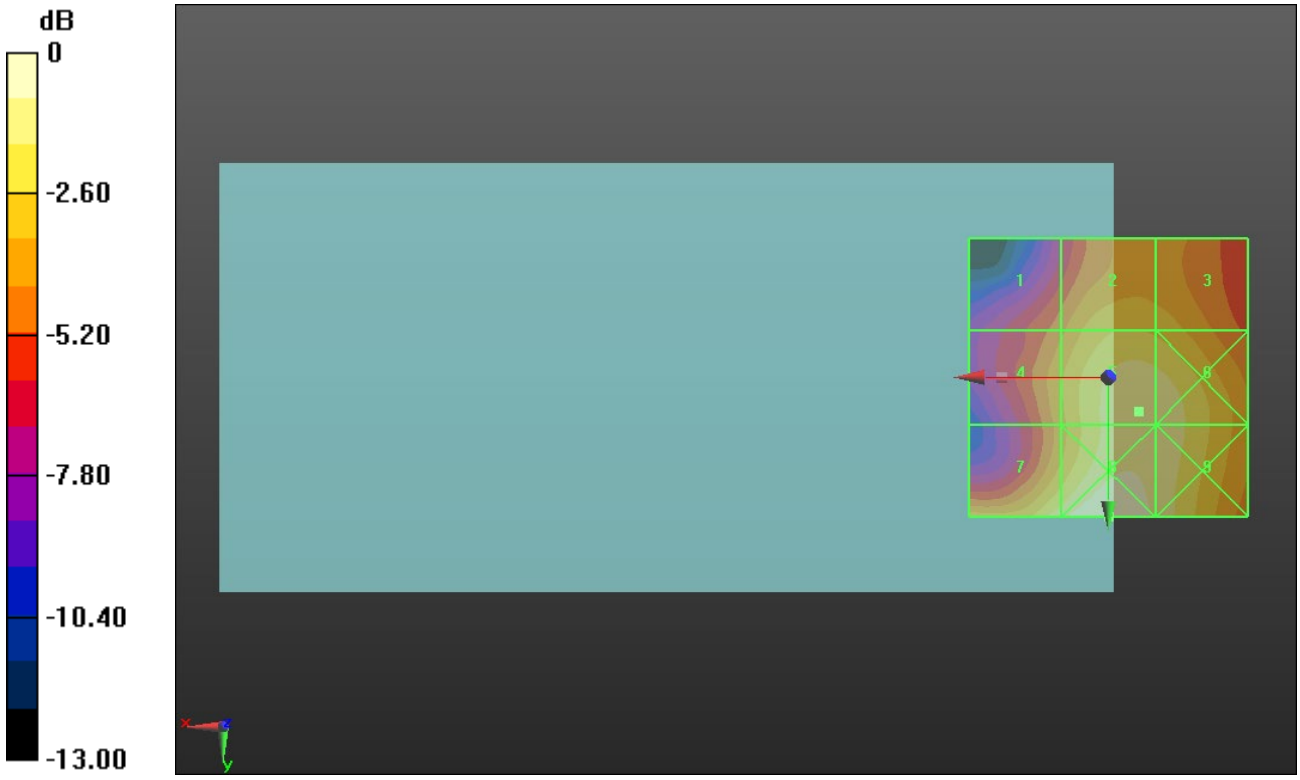
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 56207/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 = 29.42 V/m; Power Drift = 0.17 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.10 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.48 dBV/m**	Grid 2 **M4** **24.47 dBV/m**	Grid 3 **M4** **24.24 dBV/m**
Grid 4 **M4** **23.51 dBV/m**	Grid 5 **M4** **26.1 dBV/m**	Grid 6 **M4** **25.96 dBV/m**
Grid 7 **M4** **25.93 dBV/m**	Grid 8 **M4** **27.03 dBV/m**	Grid 9 **M4** **25.99 dBV/m**



0 dB = 22.46 V/m = 27.03 dBV/m

ANT 4

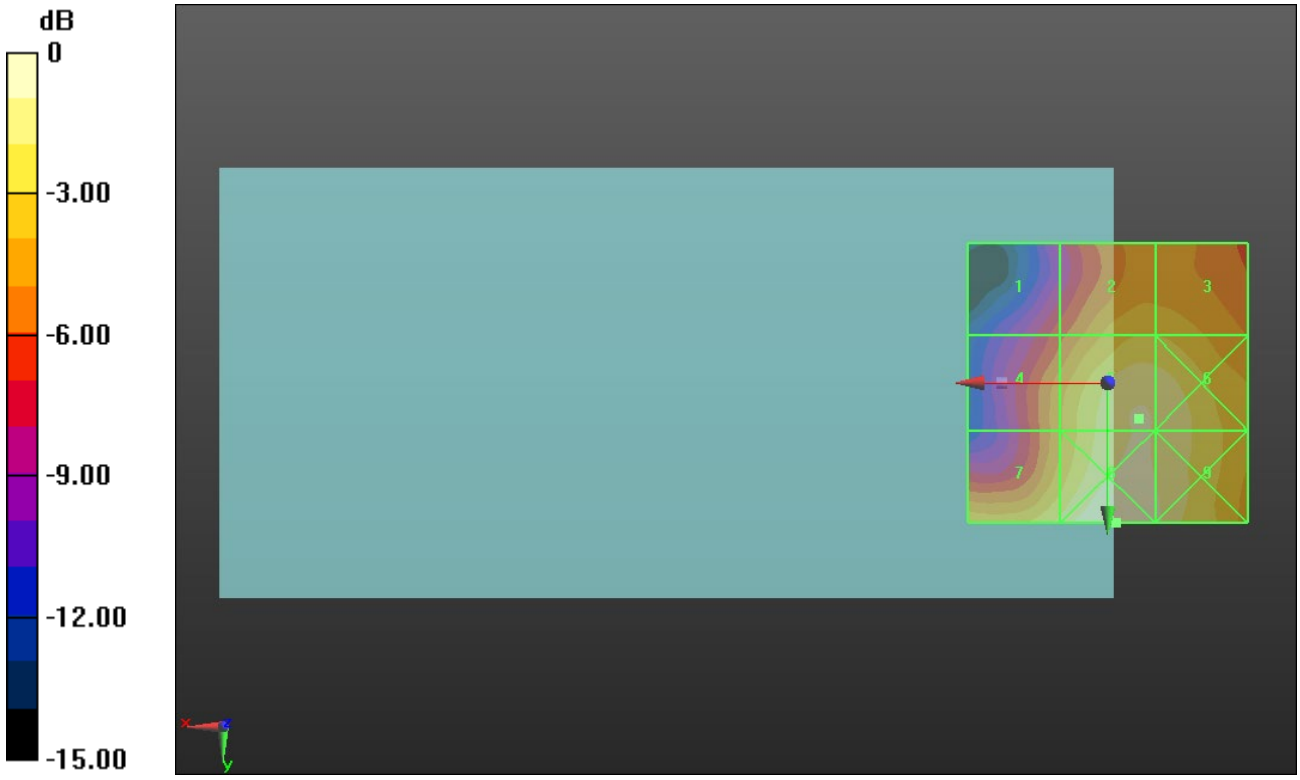
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/49 20 MHz 16QAM Ch. 56640/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 = 27.27 V/m; Power Drift = -0.23 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.40 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.05 dBV/m**	Grid 2 **M4** **23.38 dBV/m**	Grid 3 **M4** **23.34 dBV/m**
Grid 4 **M4** **22.21 dBV/m**	Grid 5 **M4** **25.4 dBV/m**	Grid 6 **M4** **25.27 dBV/m**
Grid 7 **M4** **24.69 dBV/m**	Grid 8 **M4** **26.31 dBV/m**	Grid 9 **M4** **25.54 dBV/m**



0 dB = 20.68 V/m = 26.31 dBV/m

ANT 4

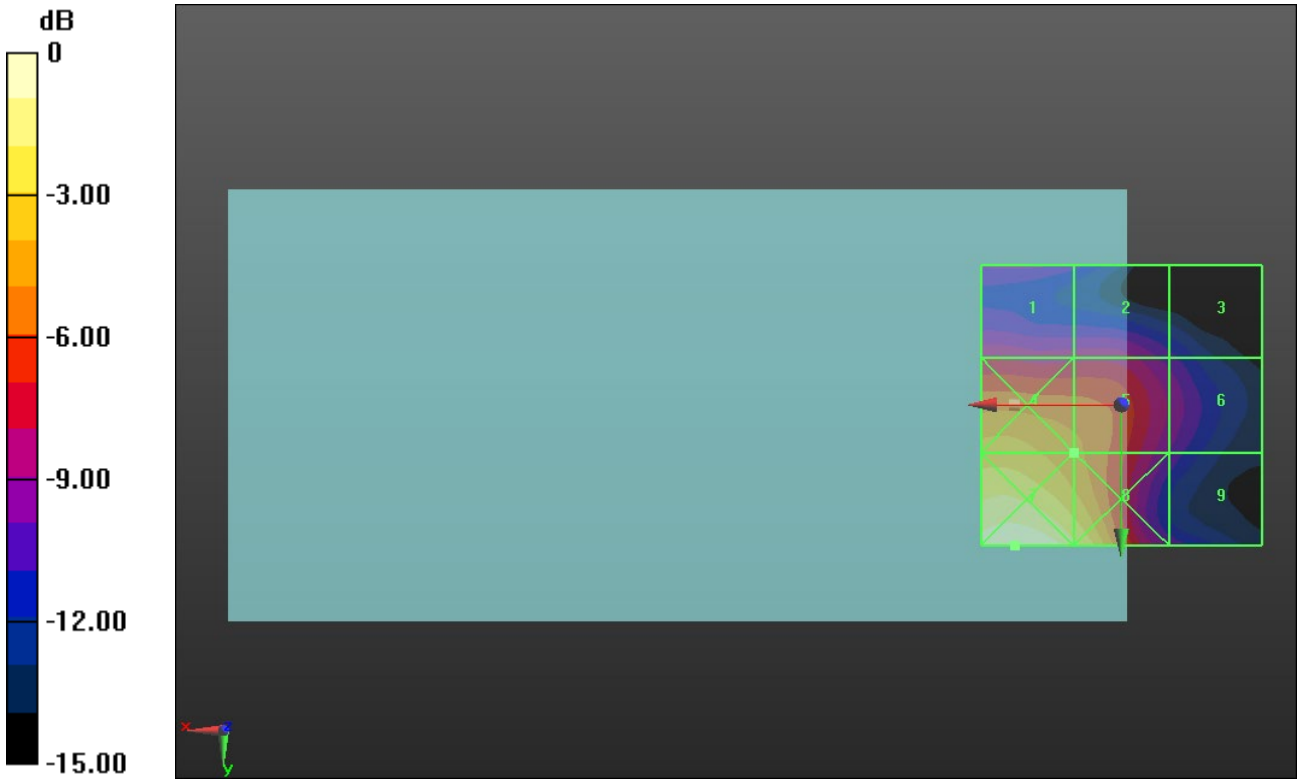
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 2/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 = 28.35 V/m; Power Drift = -0.03 dB
Applied MIF = -2.02 dB
RF audio interference level = 24.68 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.3 dBV/m**	Grid 2 **M4** **21.14 dBV/m**	Grid 3 **M4** **18.88 dBV/m**
Grid 4 **M4** **25.95 dBV/m**	Grid 5 **M4** **24.68 dBV/m**	Grid 6 **M4** **20.34 dBV/m**
Grid 7 **M4** **29.4 dBV/m**	Grid 8 **M4** **27.79 dBV/m**	Grid 9 **M4** **19.45 dBV/m**



0 dB = 29.52 V/m = 29.40 dBV/m

ANT 4

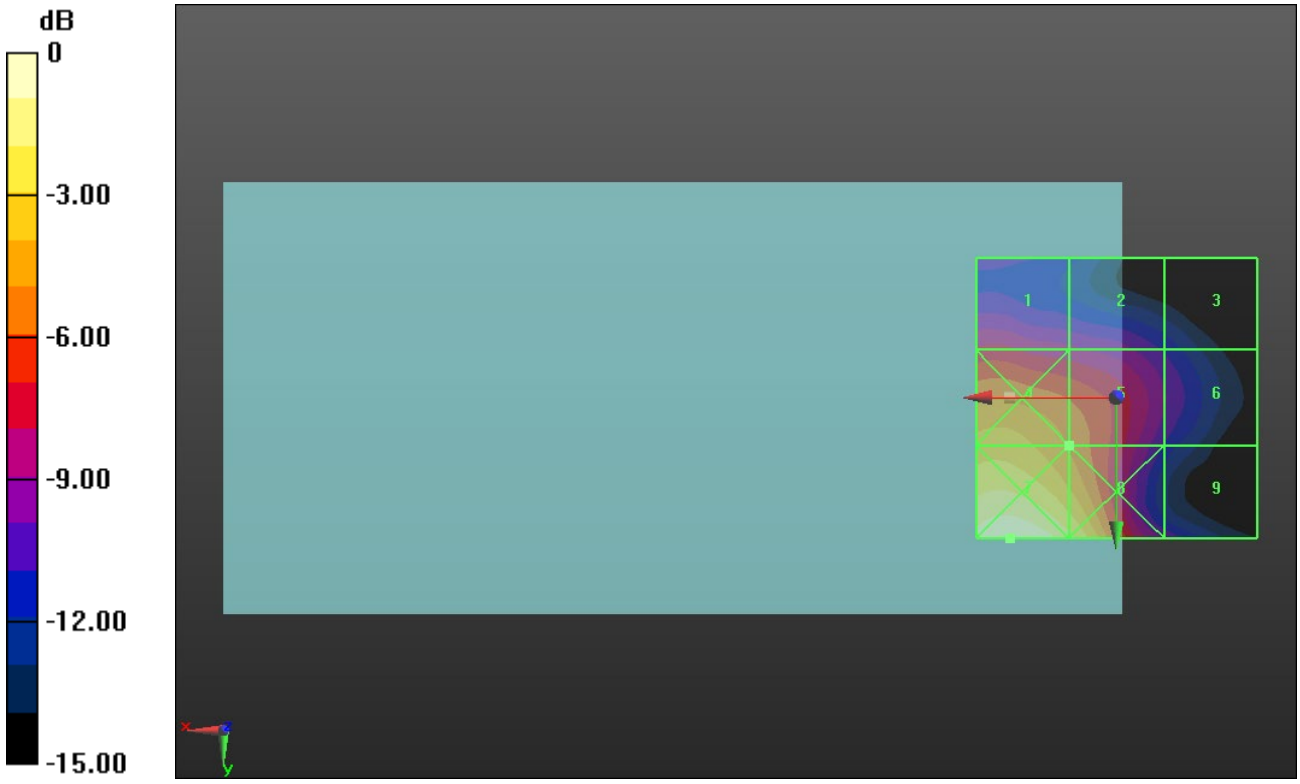
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 6/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 = 25.55 V/m; Power Drift = -0.00 dB
Applied MIF = -2.02 dB
RF audio interference level = 25.11 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.55 dBV/m**	Grid 2 **M4** **21.52 dBV/m**	Grid 3 **M4** **19.08 dBV/m**
Grid 4 **M4** **26.72 dBV/m**	Grid 5 **M4** **25.11 dBV/m**	Grid 6 **M4** **20.34 dBV/m**
Grid 7 **M3** **30.17 dBV/m**	Grid 8 **M4** **28.52 dBV/m**	Grid 9 **M4** **20.24 dBV/m**



0 dB = 32.26 V/m = 30.17 dBV/m

ANT 4

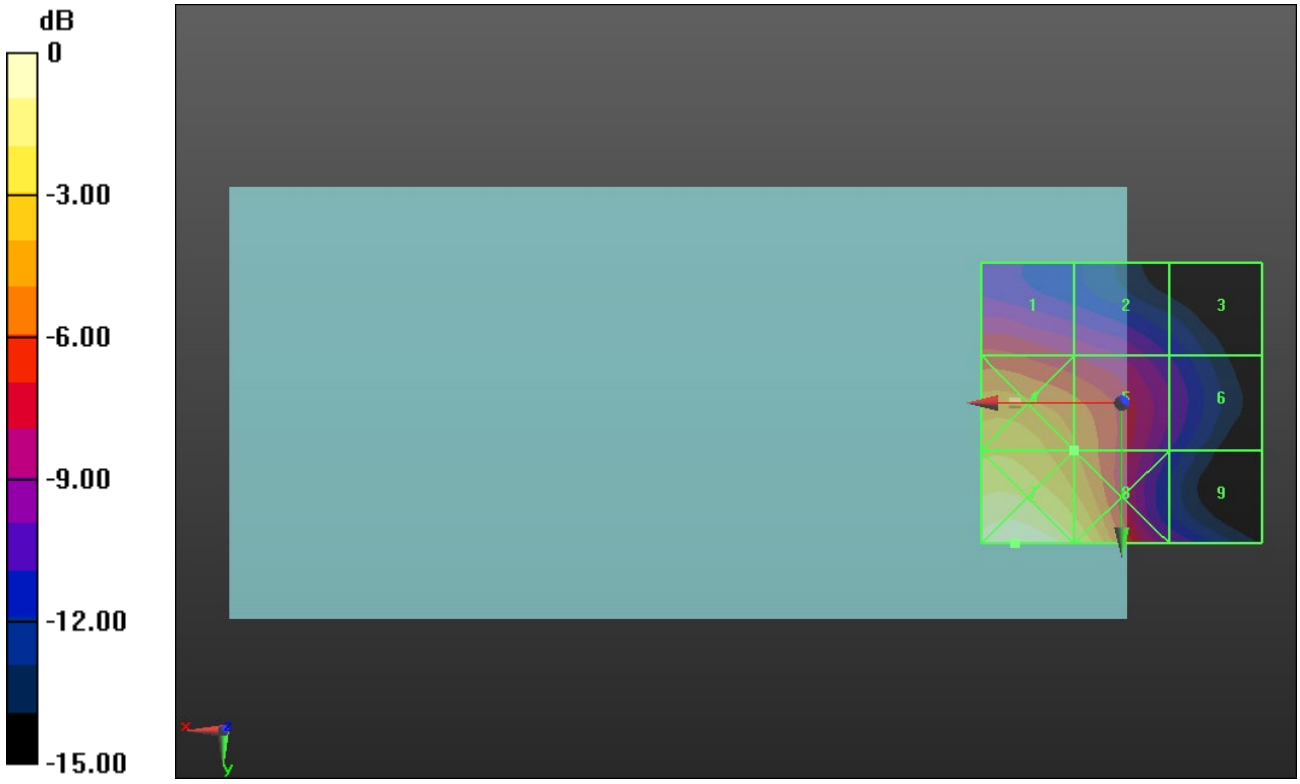
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11b E-Field measurement/IEEE 802.11b_OFDM 11 Mbps Ch. 11/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 = 26.38 V/m; Power Drift = 0.04 dB
Applied MIF = -2.02 dB
RF audio interference level = 26.09 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.3 dBV/m**	Grid 2 **M4** **22.95 dBV/m**	Grid 3 **M4** **19.96 dBV/m**
Grid 4 **M4** **27.85 dBV/m**	Grid 5 **M4** **26.09 dBV/m**	Grid 6 **M4** **21.11 dBV/m**
Grid 7 **M3** **30.96 dBV/m**	Grid 8 **M4** **29.26 dBV/m**	Grid 9 **M4** **21.53 dBV/m**



0 dB = 35.32 V/m = 30.96 dBV/m

ANT 4

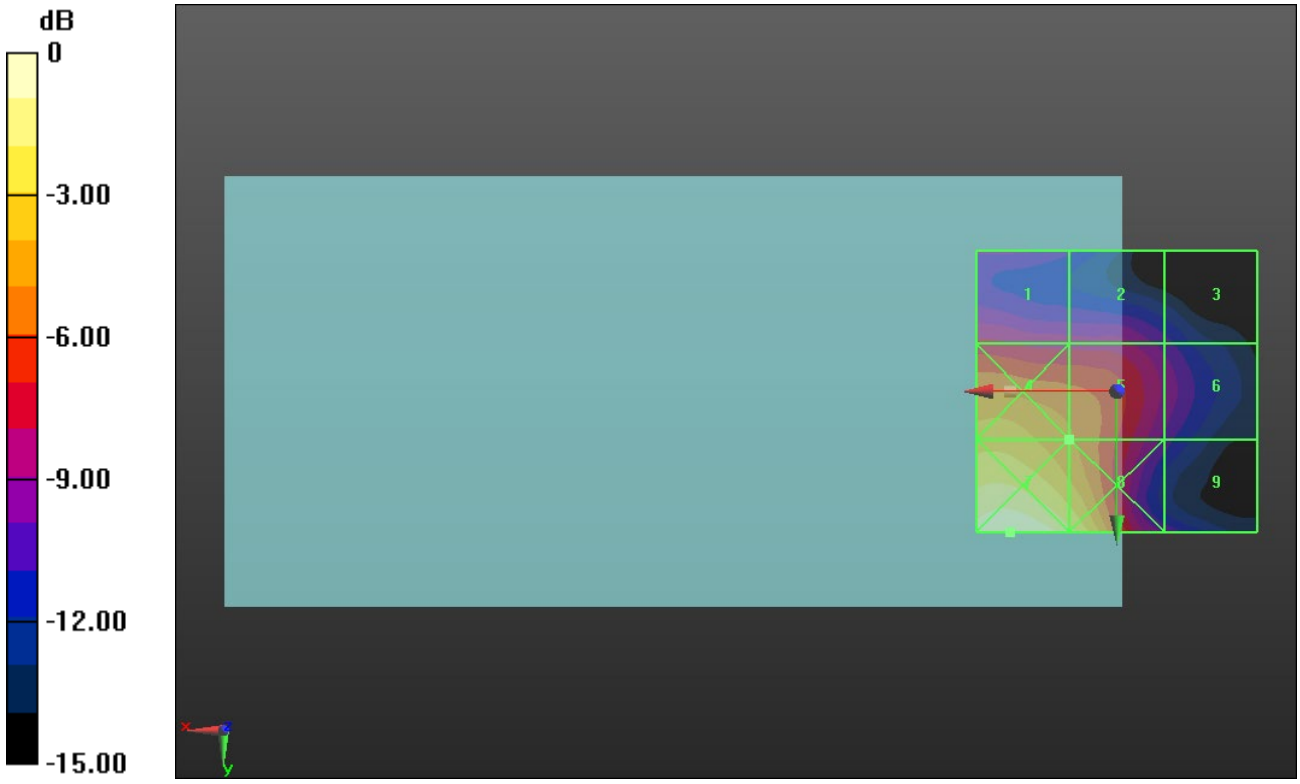
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 3/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 = 23.21 V/m; Power Drift = 0.11 dB
Applied MIF = 0.12 dB
RF audio interference level = 25.43 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.68 dBV/m**	Grid 2 **M4** **21.93 dBV/m**	Grid 3 **M4** **19.84 dBV/m**
Grid 4 **M4** **26.94 dBV/m**	Grid 5 **M4** **25.43 dBV/m**	Grid 6 **M4** **21.09 dBV/m**
Grid 7 **M3** **30.29 dBV/m**	Grid 8 **M4** **28.59 dBV/m**	Grid 9 **M4** **20.26 dBV/m**



0 dB = 32.71 V/m = 30.29 dBV/m

ANT 4

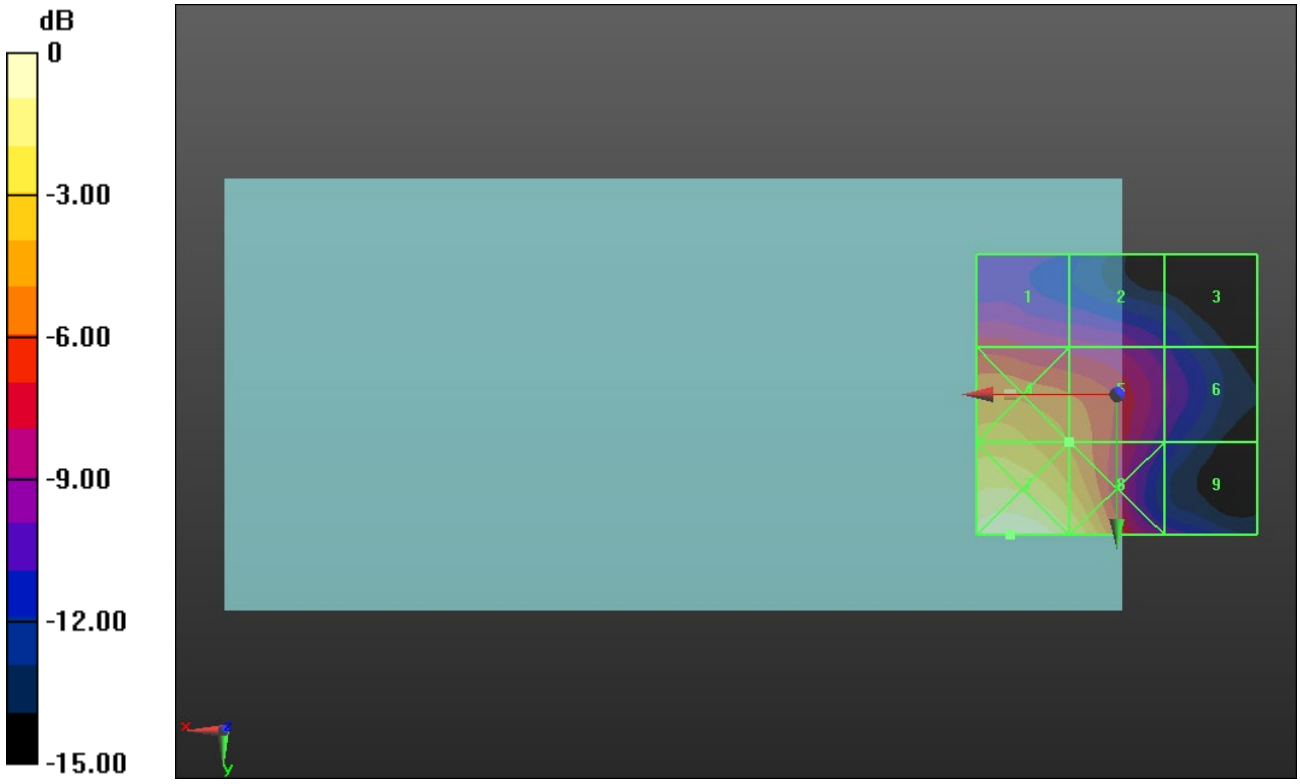
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 6/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 = 22.03 V/m; Power Drift = -0.07 dB
Applied MIF = 0.12 dB
RF audio interference level = 25.72 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.39 dBV/m**	Grid 2 **M4** **22.32 dBV/m**	Grid 3 **M4** **19.93 dBV/m**
Grid 4 **M4** **27.36 dBV/m**	Grid 5 **M4** **25.72 dBV/m**	Grid 6 **M4** **21.08 dBV/m**
Grid 7 **M3** **30.77 dBV/m**	Grid 8 **M4** **29.08 dBV/m**	Grid 9 **M4** **21.04 dBV/m**



0 dB = 34.56 V/m = 30.77 dBV/m

ANT 4

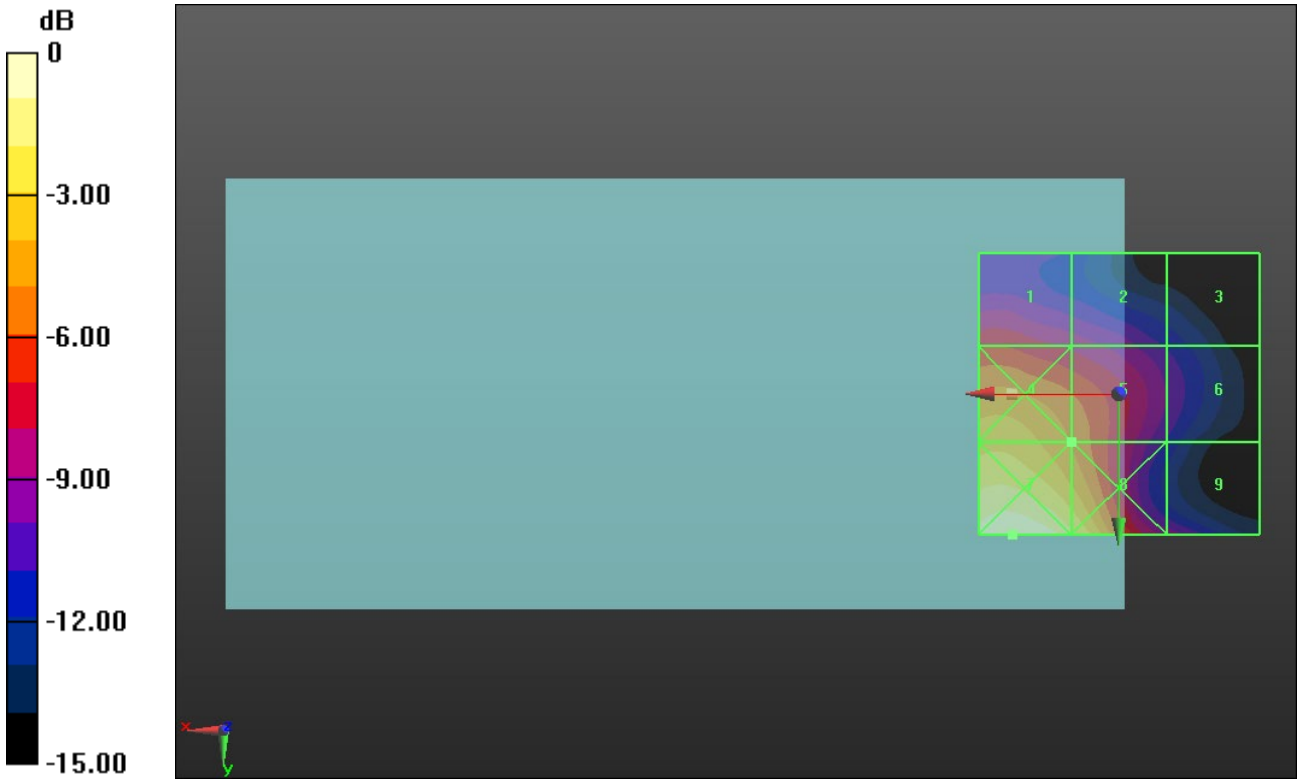
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11g E-Field measurement/IEEE 802.11g_OFDM 54 Mbps Ch. 9/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 20.83 V/m; Power Drift = 0.19 dB
Applied MIF = 0.12 dB
RF audio interference level = 26.00 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.1 dBV/m**	Grid 2 **M4** **22.84 dBV/m**	Grid 3 **M4** **19.99 dBV/m**
Grid 4 **M4** **27.8 dBV/m**	Grid 5 **M4** **26 dBV/m**	Grid 6 **M4** **21.08 dBV/m**
Grid 7 **M3** **31.06 dBV/m**	Grid 8 **M4** **29.38 dBV/m**	Grid 9 **M4** **21.91 dBV/m**



0 dB = 35.73 V/m = 31.06 dBV/m

ANT 5

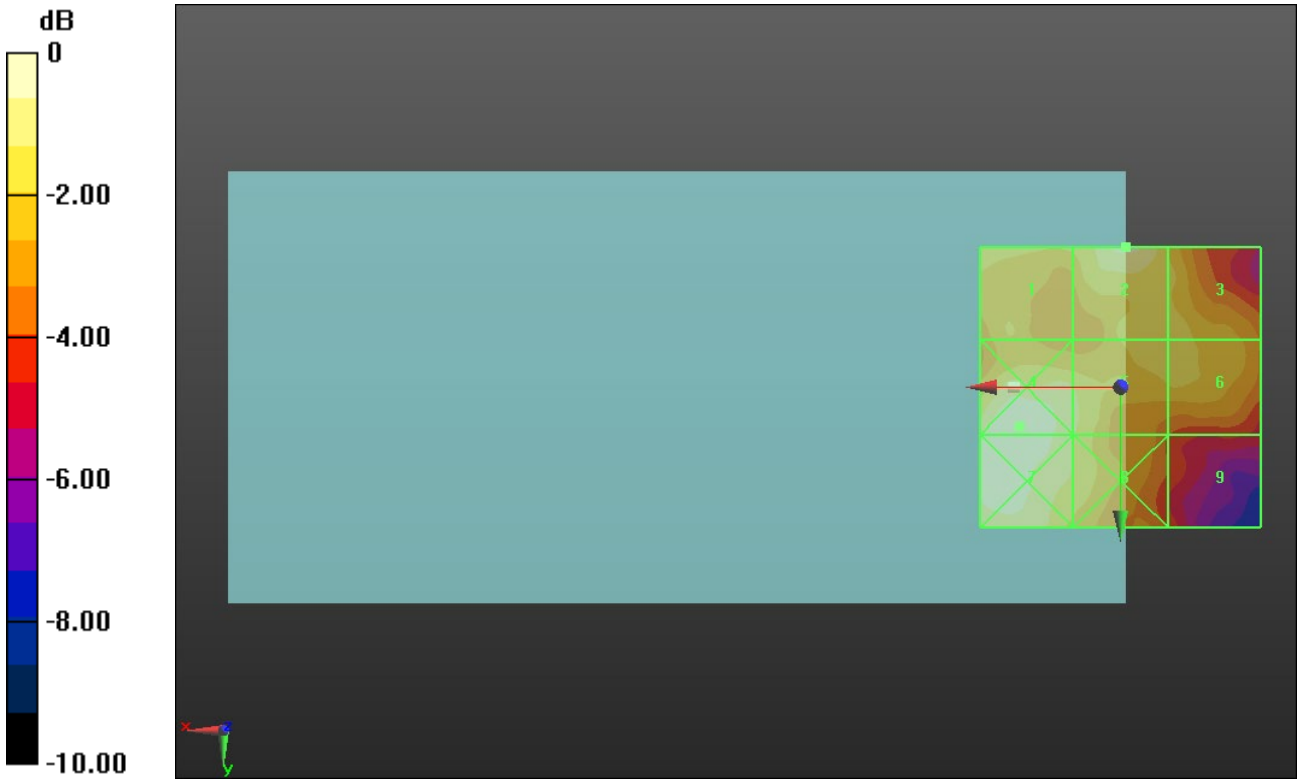
Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 149/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 = 7.156 V/m; Power Drift = -0.37 dB
Applied MIF = -3.15 dB
RF audio interference level = 13.70 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **12.69 dBV/m**	Grid 2 **M4** **13.7 dBV/m**	Grid 3 **M4** **12.64 dBV/m**
Grid 4 **M4** **14.15 dBV/m**	Grid 5 **M4** **12.99 dBV/m**	Grid 6 **M4** **12.63 dBV/m**
Grid 7 **M4** **14.11 dBV/m**	Grid 8 **M4** **12.87 dBV/m**	Grid 9 **M4** **10.2 dBV/m**



0 dB = 5.098 V/m = 14.15 dBV/m

ANT 5

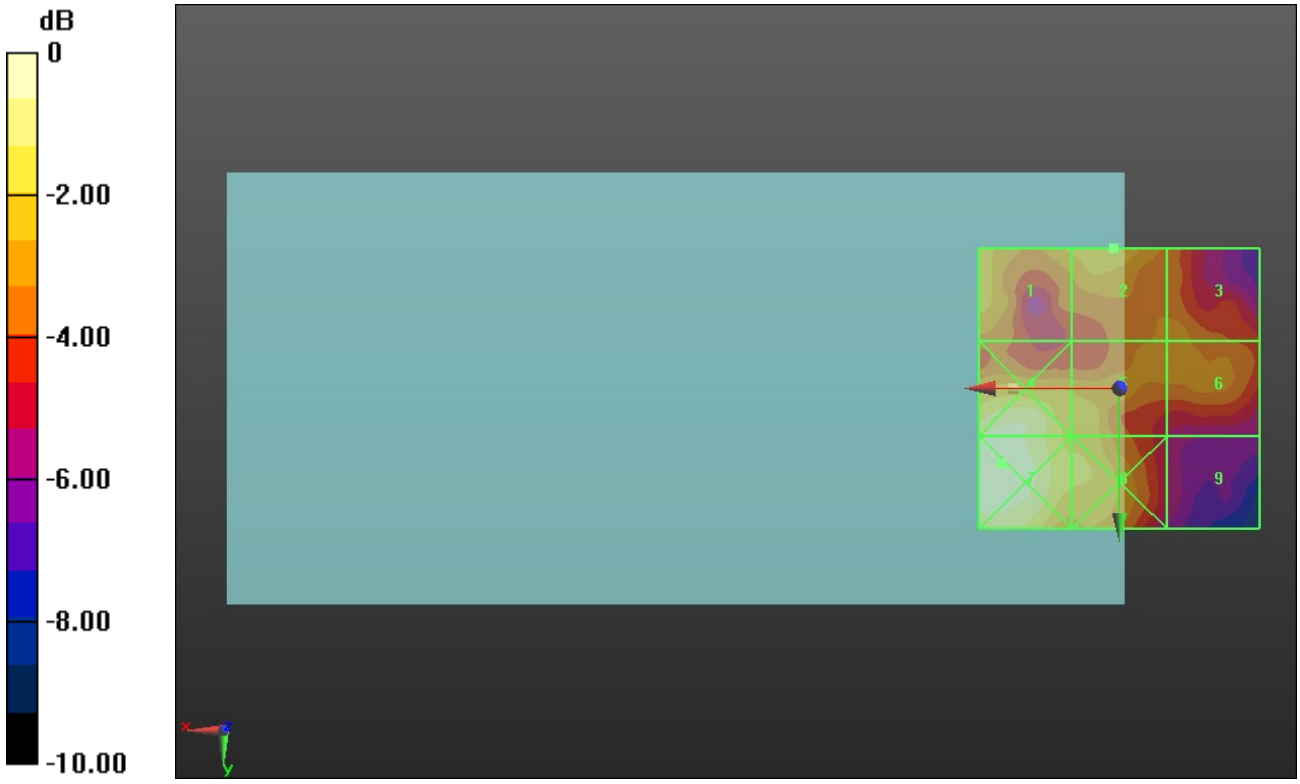
Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 157/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 = 6.727 V/m; Power Drift = -0.04 dB
Applied MIF = -3.15 dB
RF audio interference level = 12.72 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **12.62 dBV/m**	Grid 2 **M4** **12.72 dBV/m**	Grid 3 **M4** **11.71 dBV/m**
Grid 4 **M4** **14.22 dBV/m**	Grid 5 **M4** **12.44 dBV/m**	Grid 6 **M4** **11.7 dBV/m**
Grid 7 **M4** **14.56 dBV/m**	Grid 8 **M4** **12.7 dBV/m**	Grid 9 **M4** **9.35 dBV/m**



0 dB = 5.345 V/m = 14.56 dBV/m

ANT 5

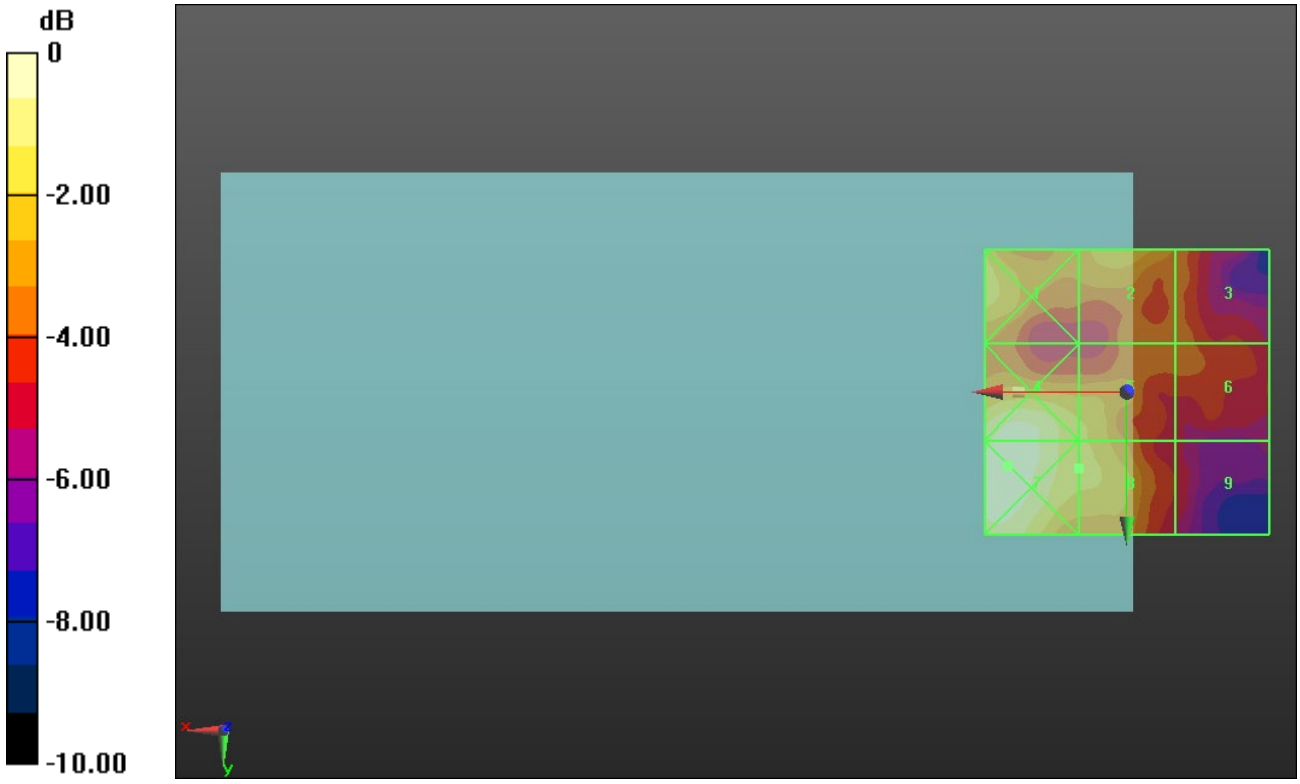
Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 165/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 = 6.283 V/m; Power Drift = 0.22 dB
Applied MIF = -3.15 dB
RF audio interference level = 12.52 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **12.7 dBV/m**	Grid 2 **M4** **12.34 dBV/m**	Grid 3 **M4** **10.89 dBV/m**
Grid 4 **M4** **14.07 dBV/m**	Grid 5 **M4** **12.44 dBV/m**	Grid 6 **M4** **10.71 dBV/m**
Grid 7 **M4** **14.28 dBV/m**	Grid 8 **M4** **12.52 dBV/m**	Grid 9 **M4** **9.62 dBV/m**



0 dB = 5.174 V/m = 14.28 dBV/m

ANT 6

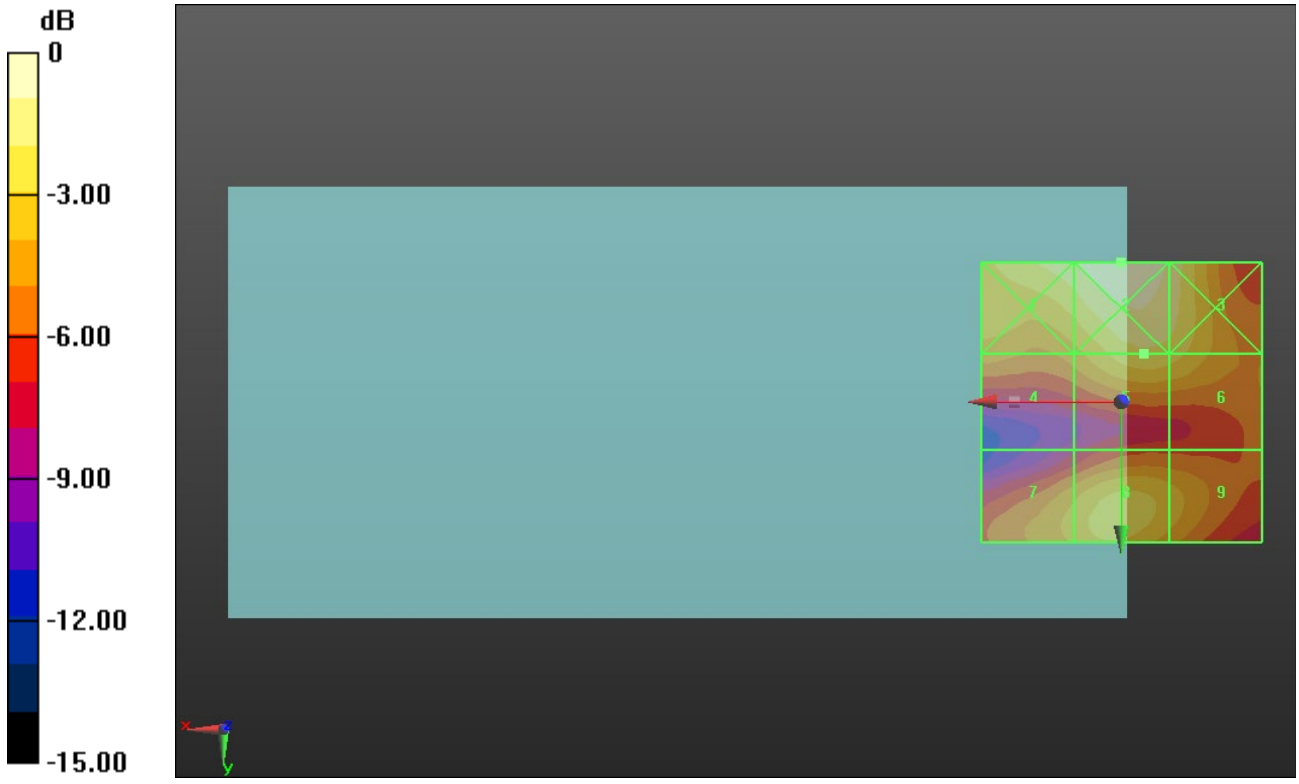
Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 149/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 20.42 V/m; Power Drift = -0.10 dB
Applied MIF = -3.15 dB
RF audio interference level = 23.21 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.45 dBV/m**	Grid 2 **M4** **25.48 dBV/m**	Grid 3 **M4** **24.35 dBV/m**
Grid 4 **M4** **21.02 dBV/m**	Grid 5 **M4** **23.21 dBV/m**	Grid 6 **M4** **22.94 dBV/m**
Grid 7 **M4** **21.94 dBV/m**	Grid 8 **M4** **23.04 dBV/m**	Grid 9 **M4** **22.06 dBV/m**



0 dB = 18.78 V/m = 25.47 dBV/m

ANT 6

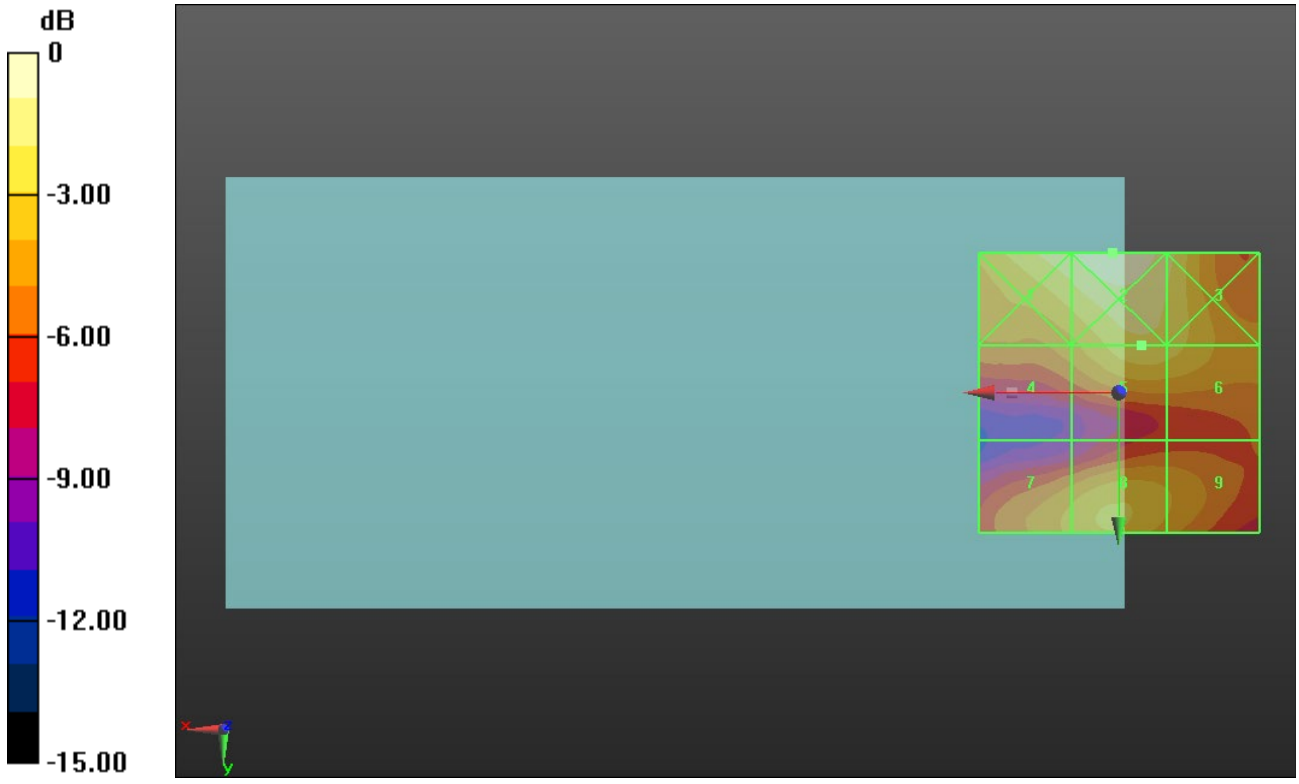
Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 157/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 20.73 V/m; Power Drift = -0.03 dB
Applied MIF = -3.15 dB
RF audio interference level = 22.97 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.3 dBV/m**	Grid 2 **M4** **25.25 dBV/m**	Grid 3 **M4** **23.77 dBV/m**
Grid 4 **M4** **20.95 dBV/m**	Grid 5 **M4** **22.97 dBV/m**	Grid 6 **M4** **22.73 dBV/m**
Grid 7 **M4** **21.6 dBV/m**	Grid 8 **M4** **22.45 dBV/m**	Grid 9 **M4** **21.42 dBV/m**



0 dB = 18.31 V/m = 25.25 dBV/m

ANT 6

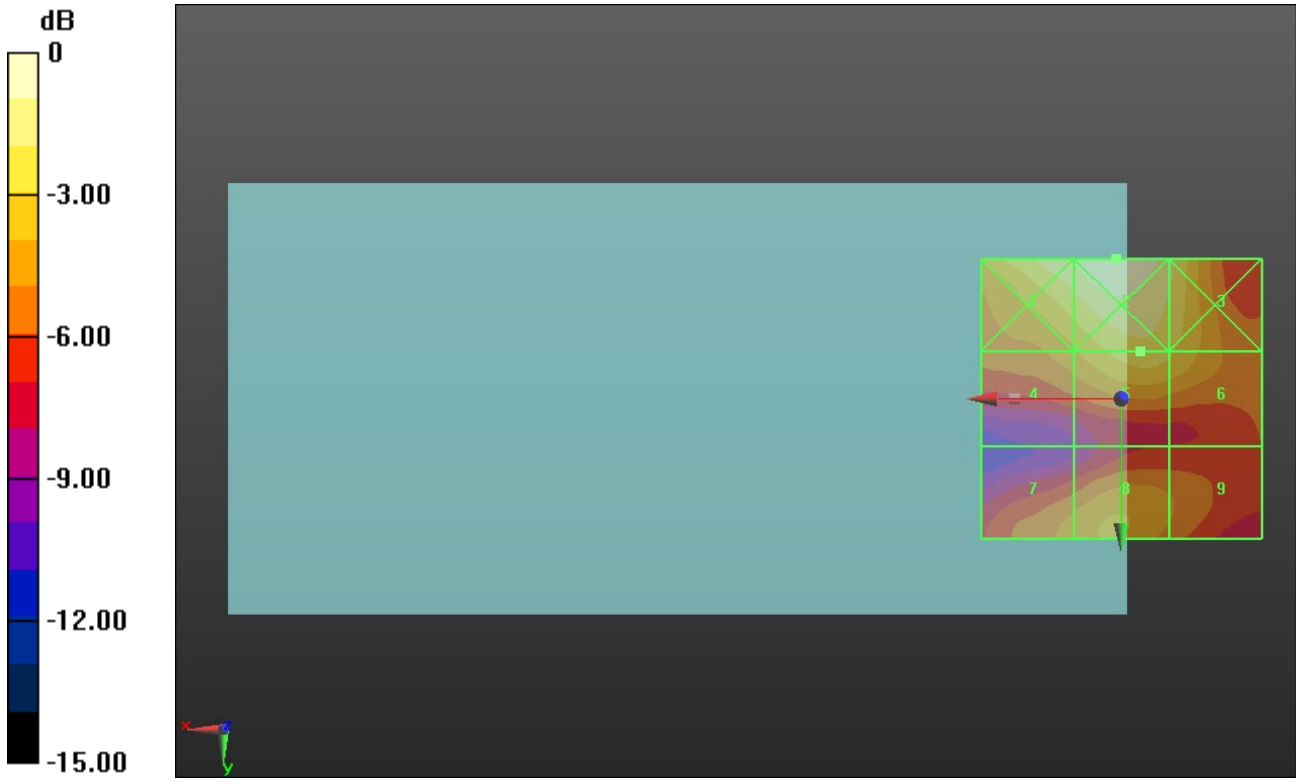
Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

802.11a E-Field measurement/IEEE 802.11a_OFDM 54 Mbps Ch. 165/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 20.85 V/m; Power Drift = -0.14 dB
Applied MIF = -3.15 dB
RF audio interference level = 22.91 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.45 dBV/m**	Grid 2 **M4** **25.3 dBV/m**	Grid 3 **M4** **23.8 dBV/m**
Grid 4 **M4** **21.14 dBV/m**	Grid 5 **M4** **22.91 dBV/m**	Grid 6 **M4** **22.48 dBV/m**
Grid 7 **M4** **20.78 dBV/m**	Grid 8 **M4** **21.43 dBV/m**	Grid 9 **M4** **20.47 dBV/m**



0 dB = 18.41 V/m = 25.30 dBV/m

ANT 7

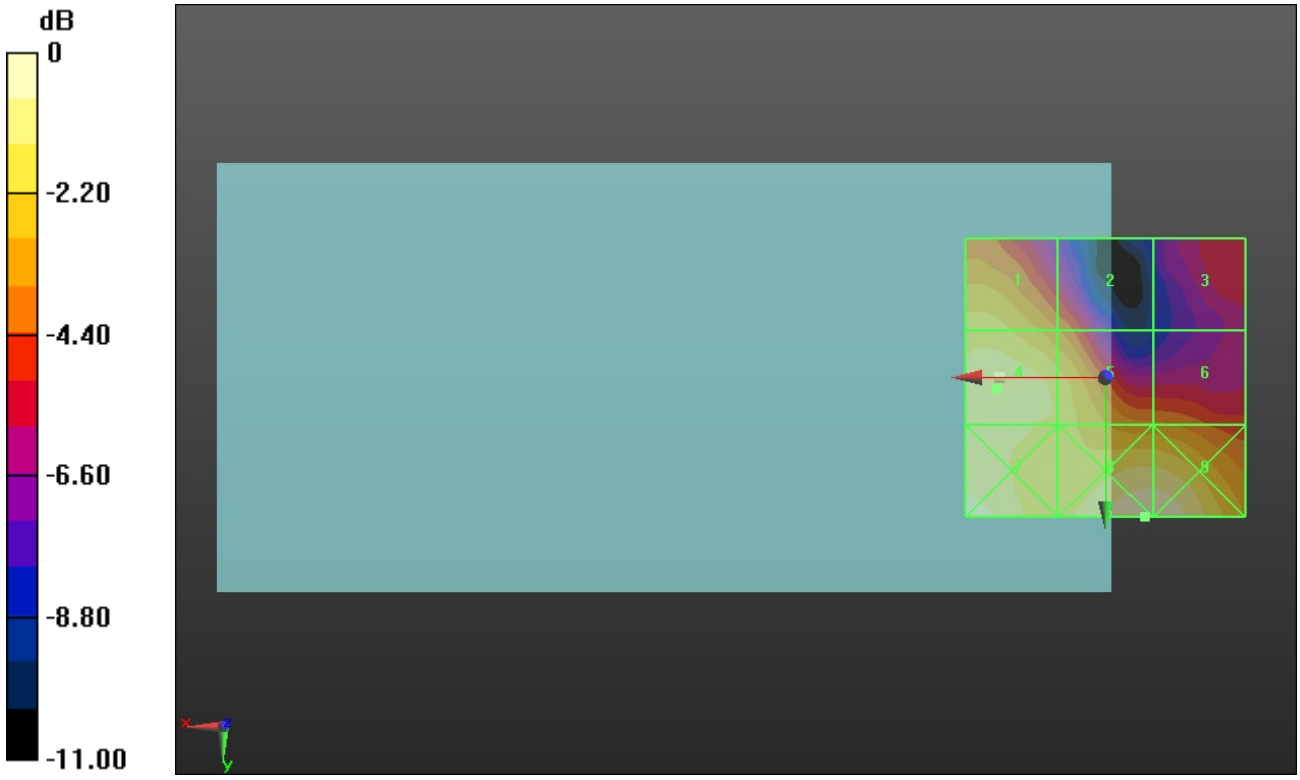
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 55340/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 = 8.799 V/m; Power Drift = 0.09 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.40 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.43 dBV/m**	Grid 2 **M4** **17.59 dBV/m**	Grid 3 **M4** **15.9 dBV/m**
Grid 4 **M4** **20.4 dBV/m**	Grid 5 **M4** **19.61 dBV/m**	Grid 6 **M4** **17.77 dBV/m**
Grid 7 **M4** **20.75 dBV/m**	Grid 8 **M4** **21.22 dBV/m**	Grid 9 **M4** **21.18 dBV/m**



0 dB = 11.51 V/m = 21.22 dBV/m

ANT 7

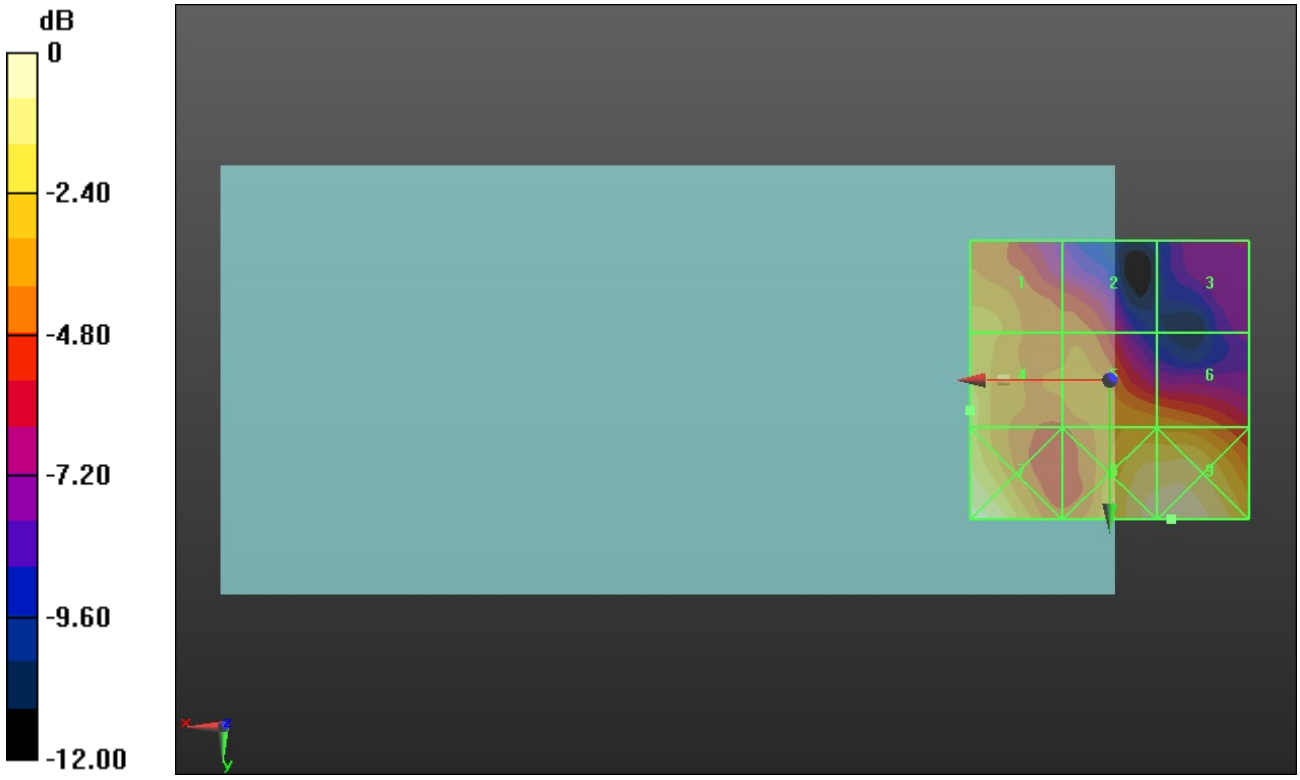
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 55773/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 = 10.98 V/m; Power Drift = 0.38 dB
Applied MIF = -1.44 dB
RF audio interference level = 18.85 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.82 dBV/m**	Grid 2 **M4** **16.25 dBV/m**	Grid 3 **M4** **13.42 dBV/m**
Grid 4 **M4** **18.85 dBV/m**	Grid 5 **M4** **17.37 dBV/m**	Grid 6 **M4** **17.2 dBV/m**
Grid 7 **M4** **19.98 dBV/m**	Grid 8 **M4** **20.28 dBV/m**	Grid 9 **M4** **20.49 dBV/m**



0 dB = 10.57 V/m = 20.48 dBV/m

ANT 7

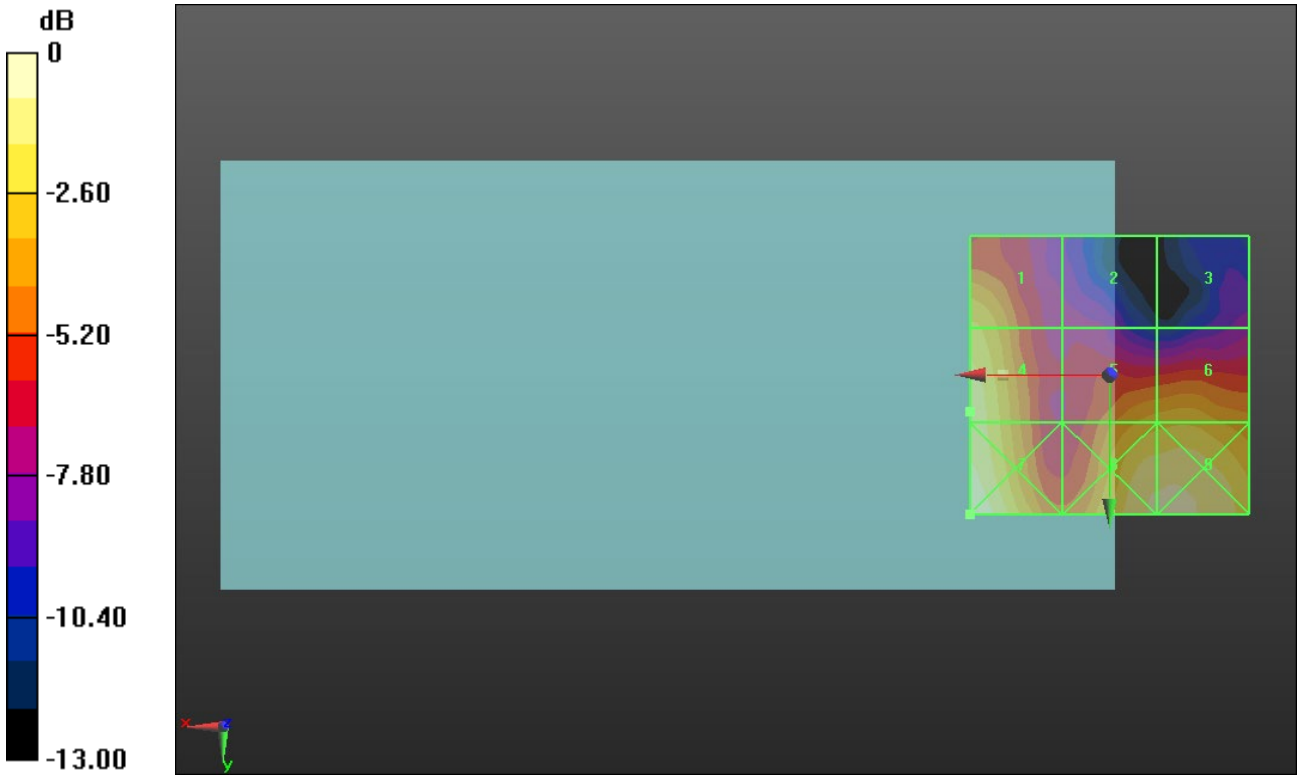
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 56207/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 = 10.86 V/m; Power Drift = -0.40 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.95 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.48 dBV/m**	Grid 2 **M4** **14.56 dBV/m**	Grid 3 **M4** **13.78 dBV/m**
Grid 4 **M4** **20.95 dBV/m**	Grid 5 **M4** **18.88 dBV/m**	Grid 6 **M4** **19.14 dBV/m**
Grid 7 **M4** **21.84 dBV/m**	Grid 8 **M4** **21.12 dBV/m**	Grid 9 **M4** **21.24 dBV/m**



0 dB = 12.36 V/m = 21.84 dBV/m

ANT 7

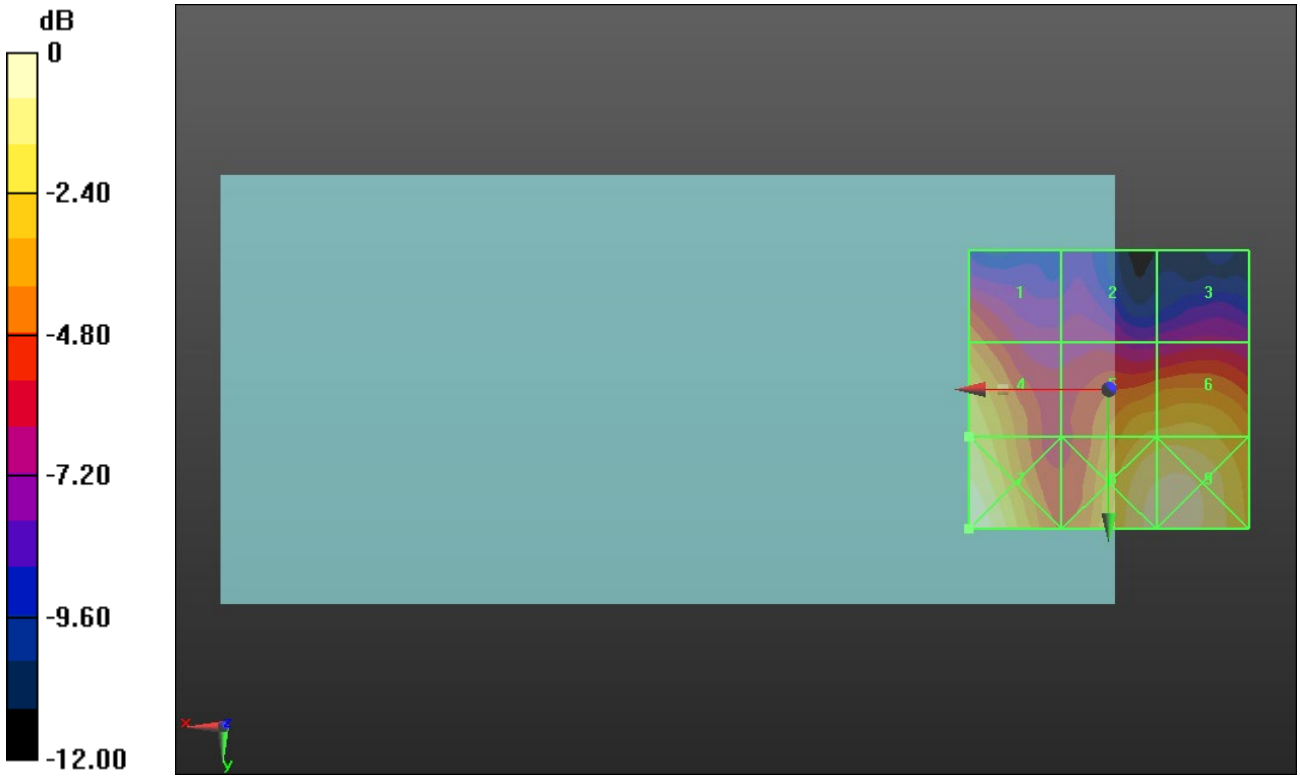
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 56640/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 = 9.776 V/m; Power Drift = -0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.34 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.86 dBV/m**	Grid 2 **M4** **15.24 dBV/m**	Grid 3 **M4** **15.06 dBV/m**
Grid 4 **M4** **20.34 dBV/m**	Grid 5 **M4** **19.74 dBV/m**	Grid 6 **M4** **19.9 dBV/m**
Grid 7 **M4** **21.8 dBV/m**	Grid 8 **M4** **21.36 dBV/m**	Grid 9 **M4** **21.5 dBV/m**



0 dB = 12.30 V/m = 21.80 dBV/m

ANT 8

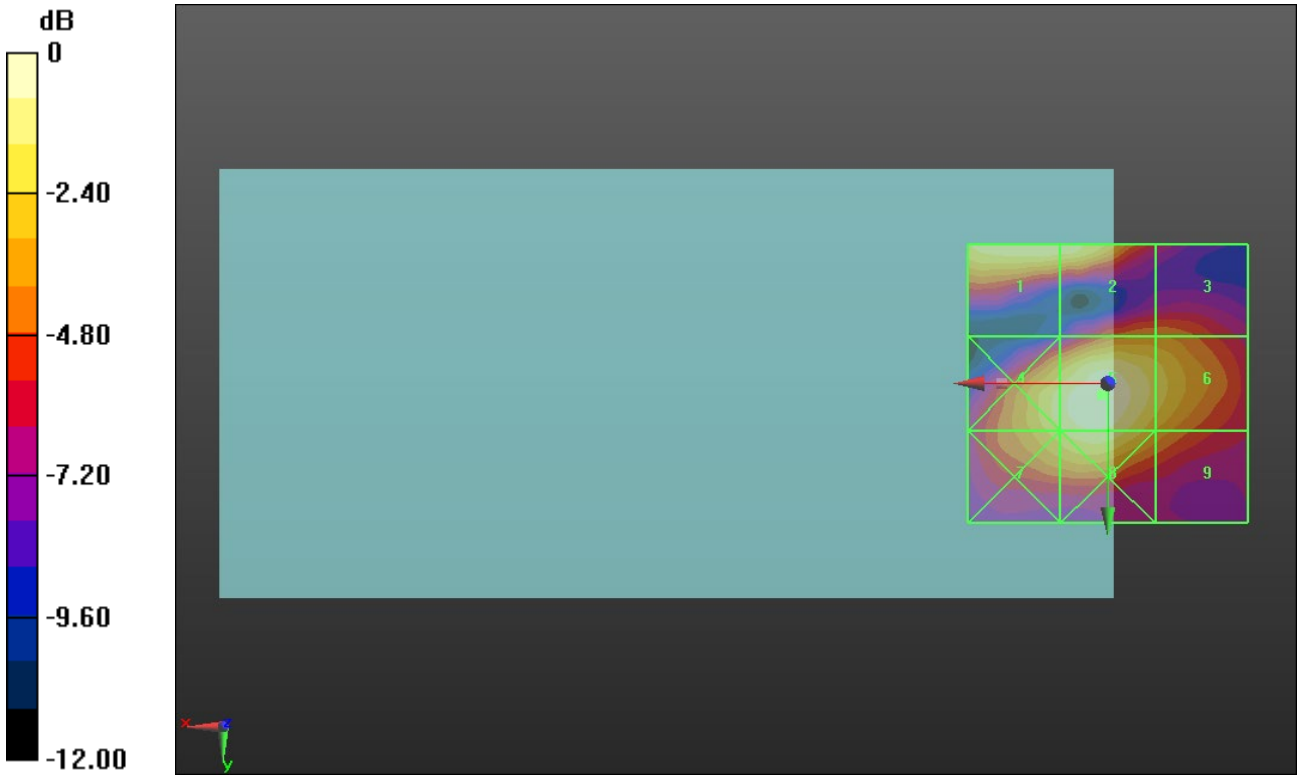
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 55340/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 = 41.35 V/m; Power Drift = -0.10 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.91 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.91 dBV/m**	Grid 2 **M4** **24.82 dBV/m**	Grid 3 **M4** **21.95 dBV/m**
Grid 4 **M4** **24.82 dBV/m**	Grid 5 **M4** **25.91 dBV/m**	Grid 6 **M4** **24.06 dBV/m**
Grid 7 **M4** **24.17 dBV/m**	Grid 8 **M4** **25.13 dBV/m**	Grid 9 **M4** **22.69 dBV/m**



0 dB = 19.76 V/m = 25.92 dBV/m

ANT 8

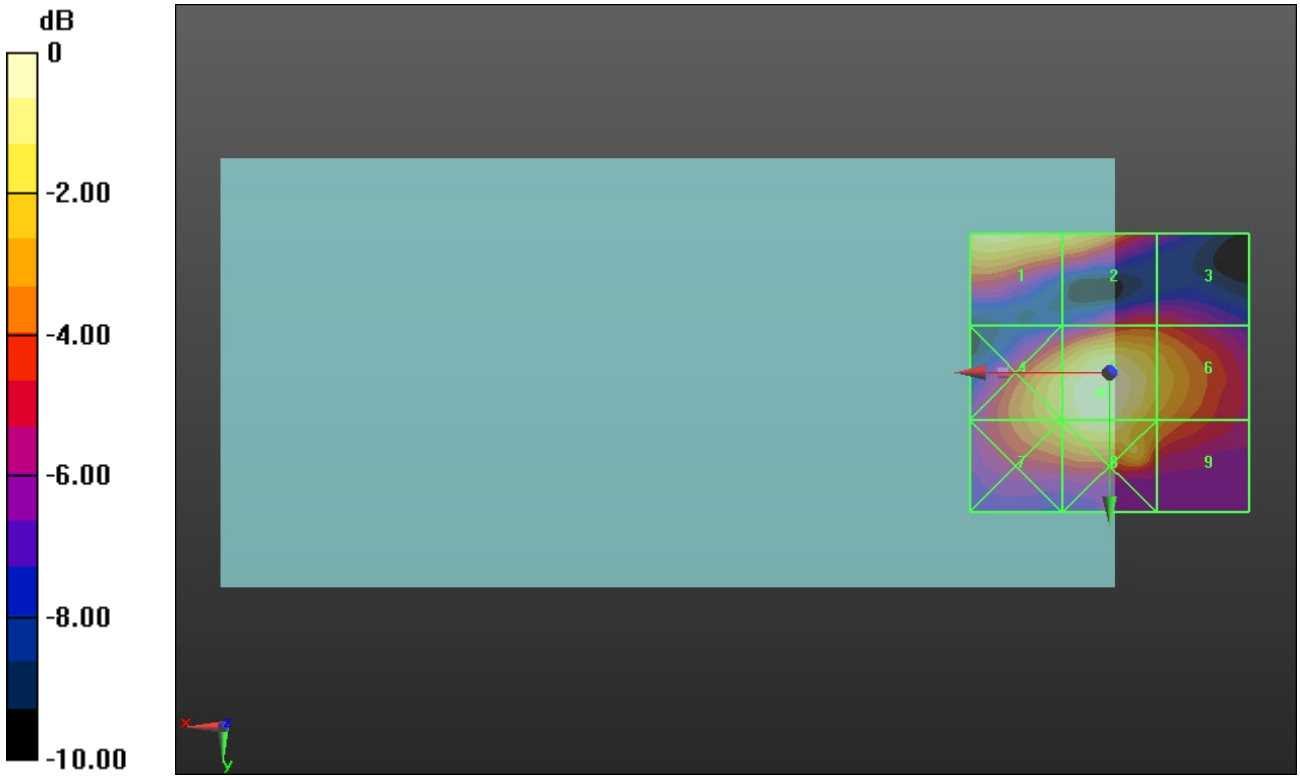
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 55773/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 = 40.06 V/m; Power Drift = -0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.30 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.41 dBV/m**	Grid 2 **M4** **24.66 dBV/m**	Grid 3 **M4** **21.78 dBV/m**
Grid 4 **M4** **25.12 dBV/m**	Grid 5 **M4** **26.3 dBV/m**	Grid 6 **M4** **24.39 dBV/m**
Grid 7 **M4** **24.66 dBV/m**	Grid 8 **M4** **25.7 dBV/m**	Grid 9 **M4** **23.44 dBV/m**



0 dB = 20.65 V/m = 26.30 dBV/m

ANT 8

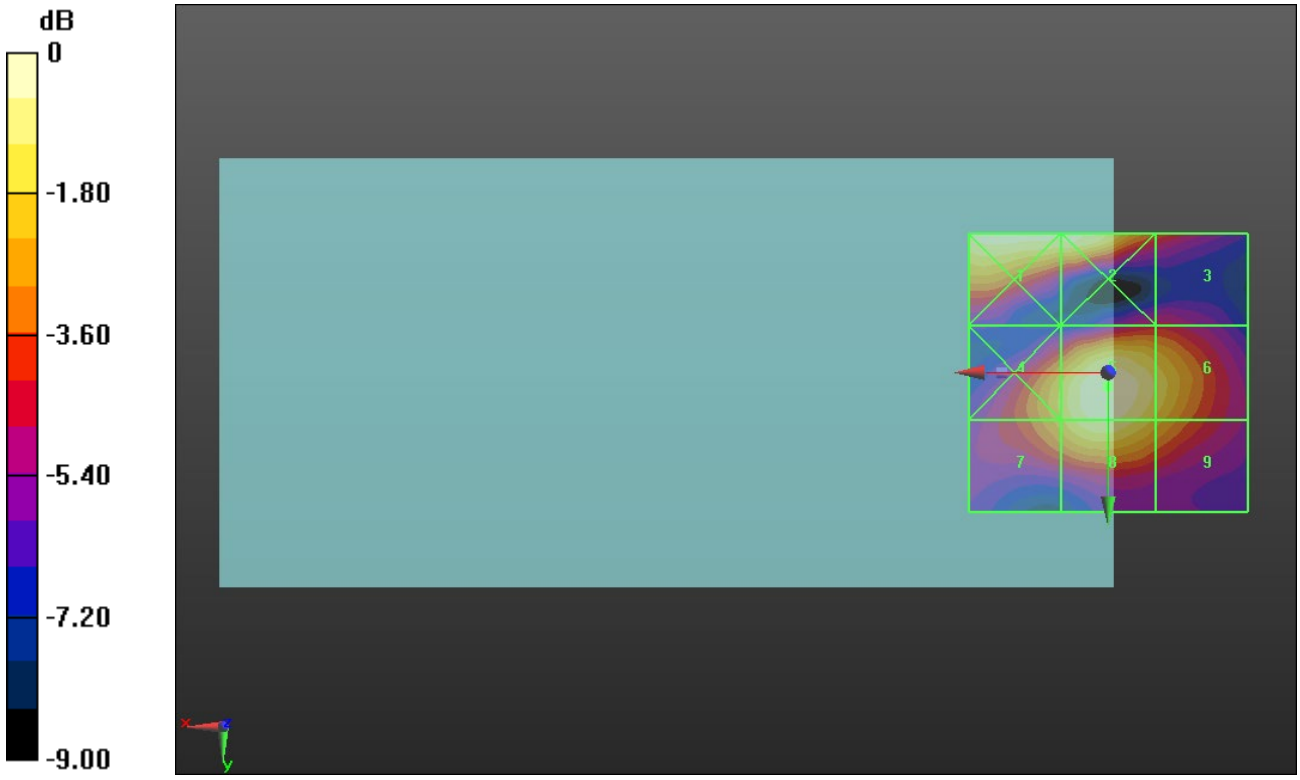
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 56207/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 = 37.42 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.49 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.34 dBV/m**	Grid 2 **M4** **25.14 dBV/m**	Grid 3 **M4** **22.1 dBV/m**
Grid 4 **M4** **23.87 dBV/m**	Grid 5 **M4** **25.49 dBV/m**	Grid 6 **M4** **24.22 dBV/m**
Grid 7 **M4** **23.53 dBV/m**	Grid 8 **M4** **24.99 dBV/m**	Grid 9 **M4** **23.47 dBV/m**



0 dB = 18.81 V/m = 25.49 dBV/m

ANT 8

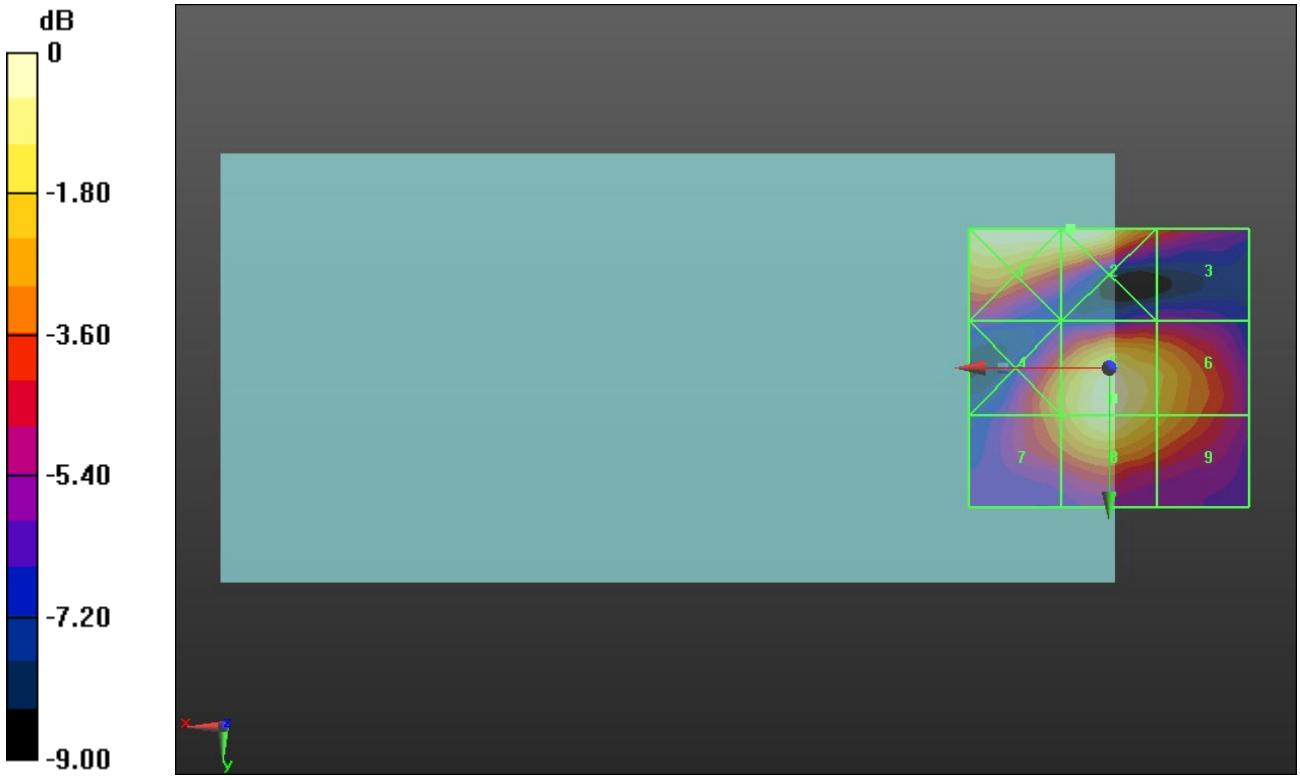
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 56640/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 = 34.71 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.13 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.3 dBV/m**	Grid 2 **M4** **25.4 dBV/m**	Grid 3 **M4** **22.05 dBV/m**
Grid 4 **M4** **23.39 dBV/m**	Grid 5 **M4** **25.13 dBV/m**	Grid 6 **M4** **23.83 dBV/m**
Grid 7 **M4** **23.03 dBV/m**	Grid 8 **M4** **24.93 dBV/m**	Grid 9 **M4** **23.44 dBV/m**



0 dB = 18.61 V/m = 25.39 dBV/m

ANT 9

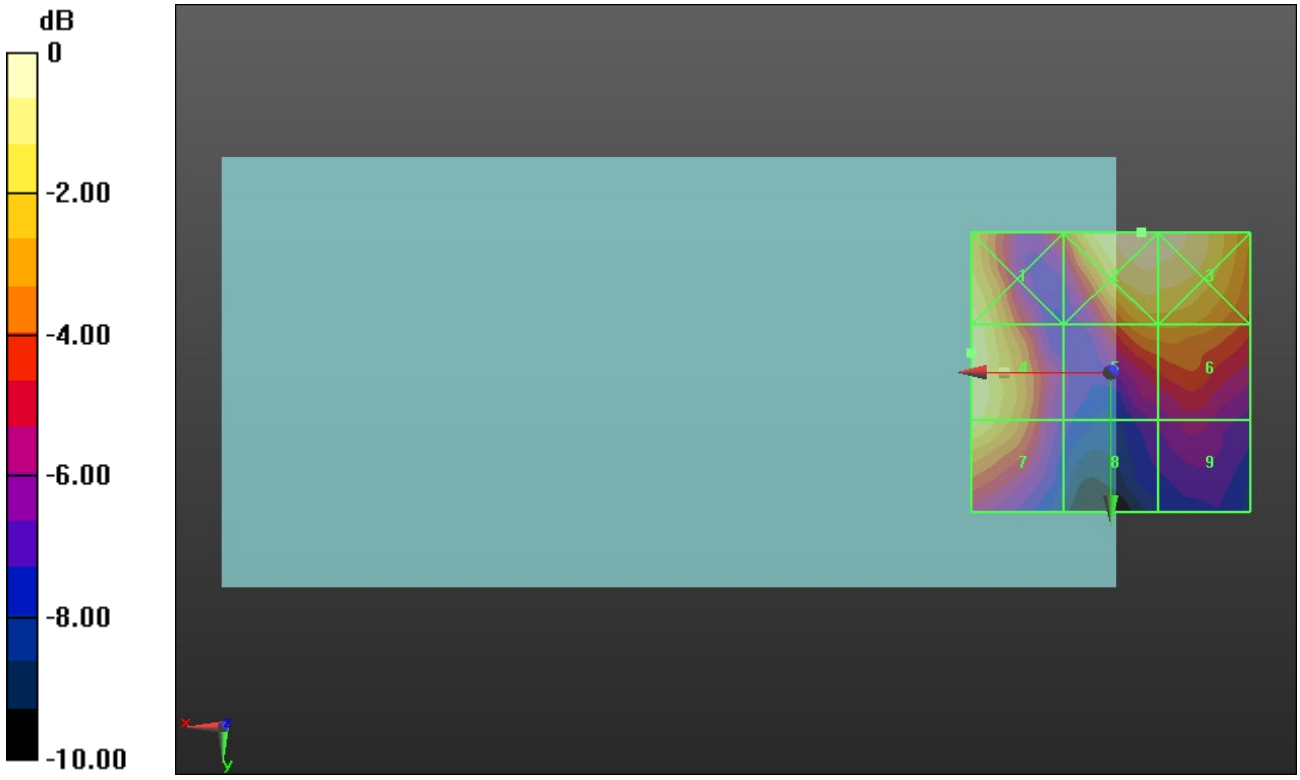
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 55340/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 = 10.74 V/m; Power Drift = 0.19 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.61 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.21 dBV/m**	Grid 2 **M4** **26.09 dBV/m**	Grid 3 **M4** **25.88 dBV/m**
Grid 4 **M4** **25.61 dBV/m**	Grid 5 **M4** **23.57 dBV/m**	Grid 6 **M4** **23.58 dBV/m**
Grid 7 **M4** **25.05 dBV/m**	Grid 8 **M4** **19.68 dBV/m**	Grid 9 **M4** **20.51 dBV/m**



0 dB = 20.16 V/m = 26.09 dBV/m

ANT 9

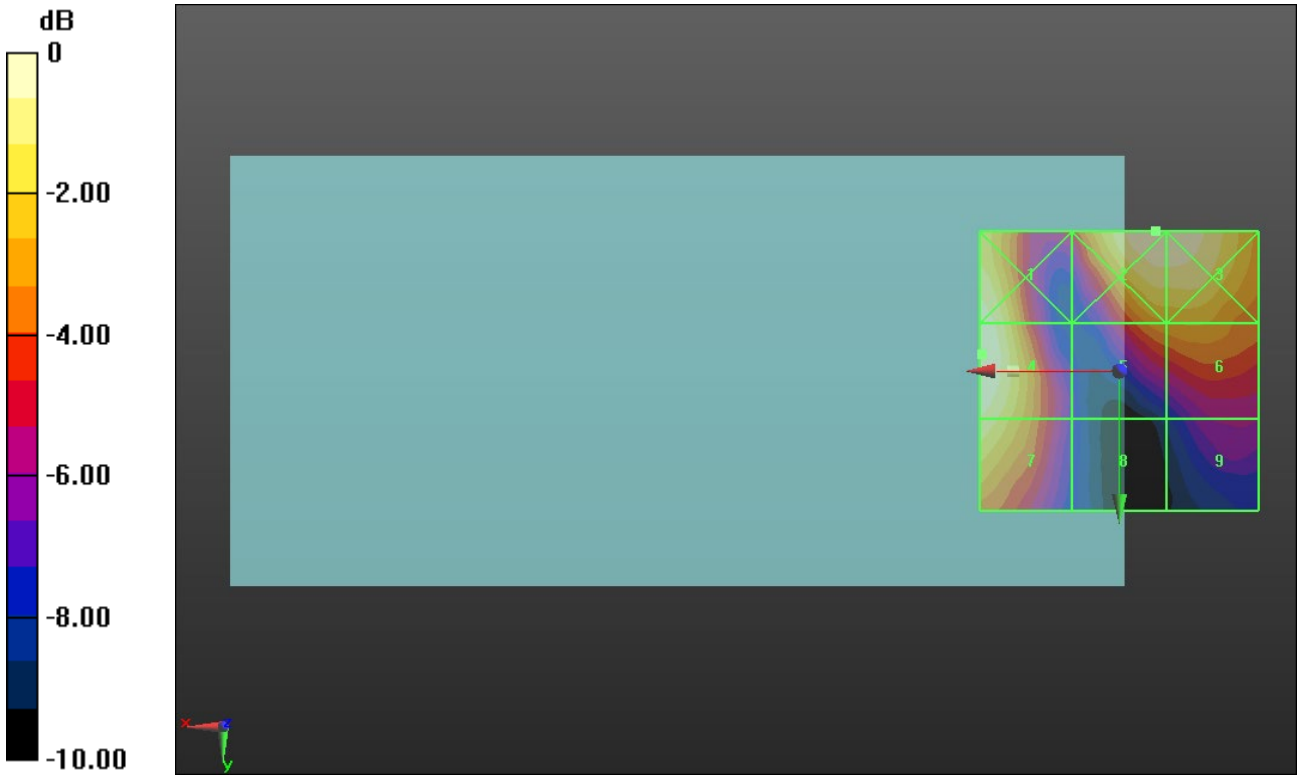
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 55773/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 = 10.50 V/m; Power Drift = -0.29 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.16 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.83 dBV/m**	Grid 2 **M4** **25.22 dBV/m**	Grid 3 **M4** **25.17 dBV/m**
Grid 4 **M4** **25.16 dBV/m**	Grid 5 **M4** **22.42 dBV/m**	Grid 6 **M4** **22.64 dBV/m**
Grid 7 **M4** **24.55 dBV/m**	Grid 8 **M4** **18.15 dBV/m**	Grid 9 **M4** **19.44 dBV/m**



0 dB = 18.24 V/m = 25.22 dBV/m

ANT 9

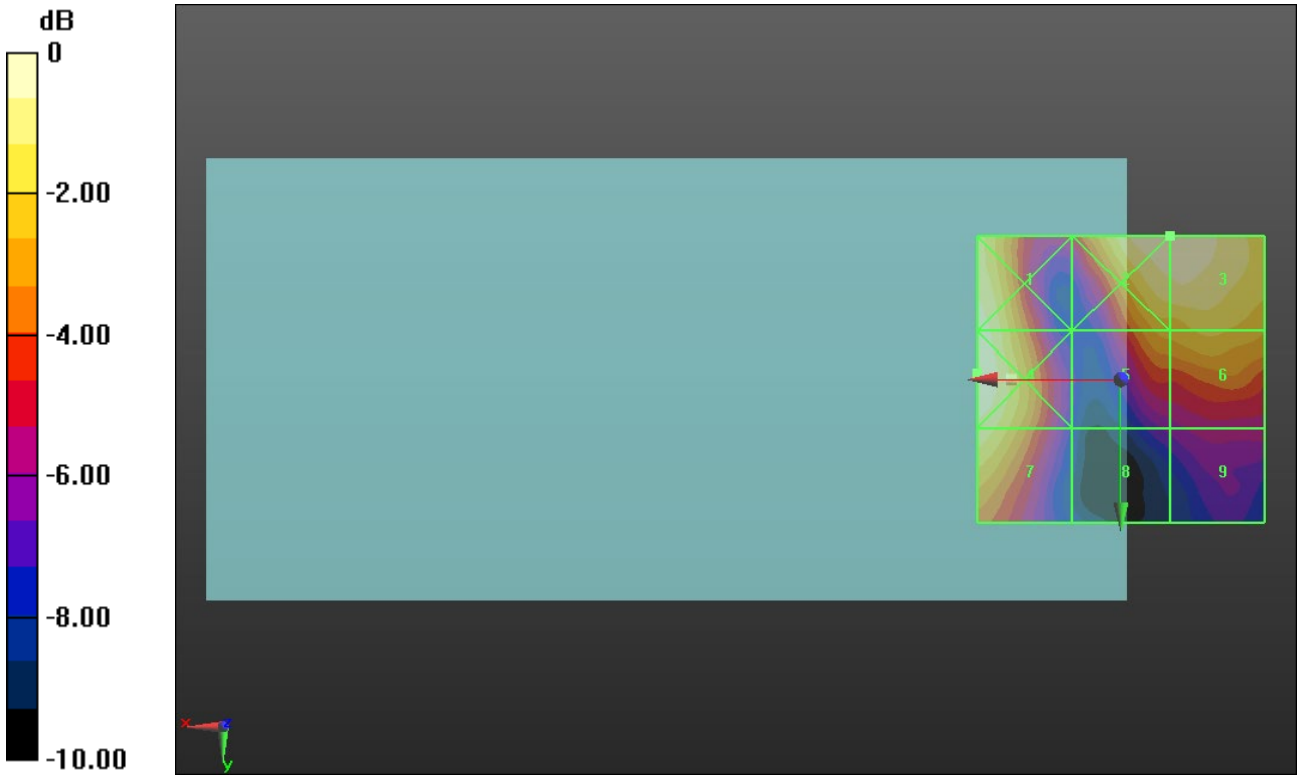
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 56207/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 = 11.80 V/m; Power Drift = -0.22 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.12 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.97 dBV/m**	Grid 2 **M4** **25.19 dBV/m**	Grid 3 **M4** **25.12 dBV/m**
Grid 4 **M4** **25.32 dBV/m**	Grid 5 **M4** **22.9 dBV/m**	Grid 6 **M4** **23.48 dBV/m**
Grid 7 **M4** **24.49 dBV/m**	Grid 8 **M4** **18.95 dBV/m**	Grid 9 **M4** **19.76 dBV/m**



0 dB = 18.45 V/m = 25.32 dBV/m

ANT 9

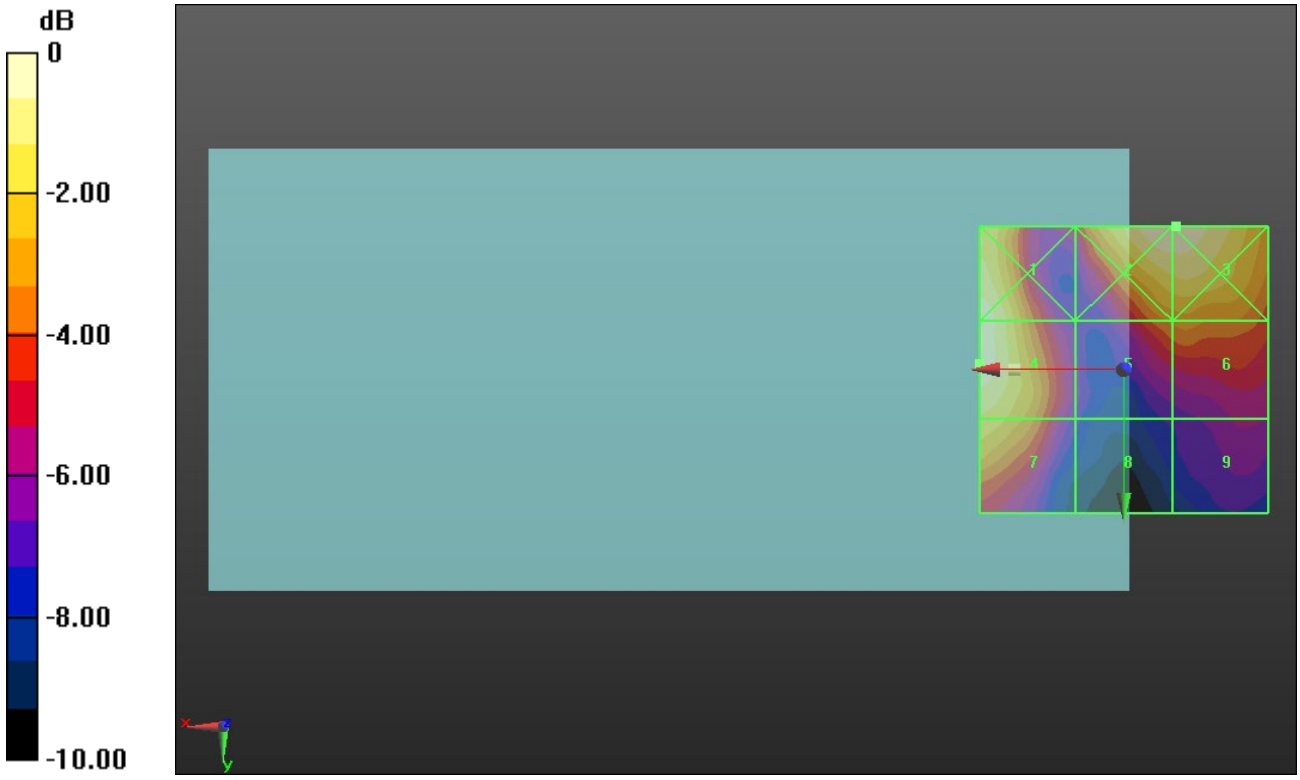
Communication System: UID 10173 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 9/22/2022
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/18/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

LTE Band 48_E-Field measurement/SC-FDMA RB 1/50 20 MHz 16QAM Ch. 56640/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 = 9.739 V/m; Power Drift = -0.22 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.46 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.43 dBV/m**	Grid 2 **M4** **25.73 dBV/m**	Grid 3 **M4** **25.73 dBV/m**
Grid 4 **M4** **25.46 dBV/m**	Grid 5 **M4** **22.59 dBV/m**	Grid 6 **M4** **22.75 dBV/m**
Grid 7 **M4** **24.31 dBV/m**	Grid 8 **M4** **18.83 dBV/m**	Grid 9 **M4** **19.89 dBV/m**



0 dB = 19.34 V/m = 25.73 dBV/m