HAC-RF Emission ANT1

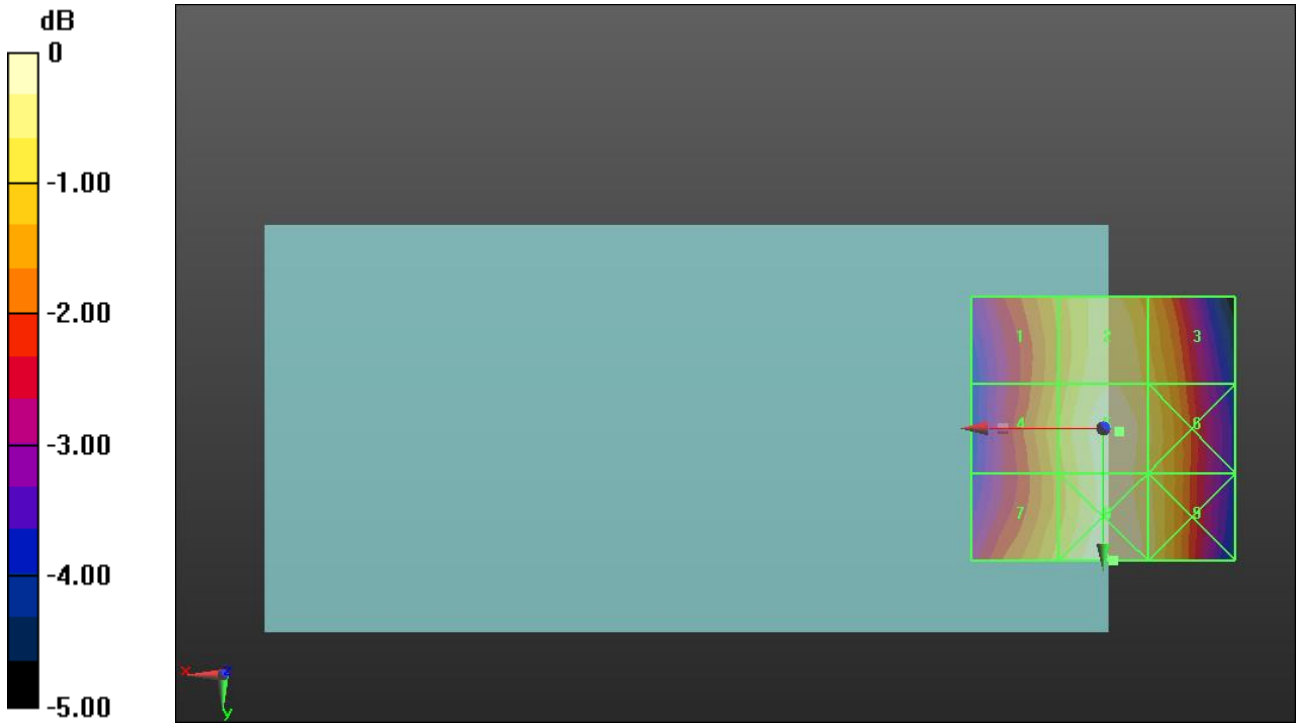
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 31.41 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 31.10 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **30.04 dBV/m**	Grid 2 **M4** **30.88 dBV/m**	Grid 3 **M4** **30.45 dBV/m**
Grid 4 **M4** **30.23 dBV/m**	Grid 5 **M4** **31.1 dBV/m**	Grid 6 **M4** **30.64 dBV/m**
Grid 7 **M4** **30.39 dBV/m**	Grid 8 **M4** **31.22 dBV/m**	Grid 9 **M4** **30.77 dBV/m**



0 dB = 36.39 V/m = 31.22 dBV/m

HAC-RF Emission ANT1

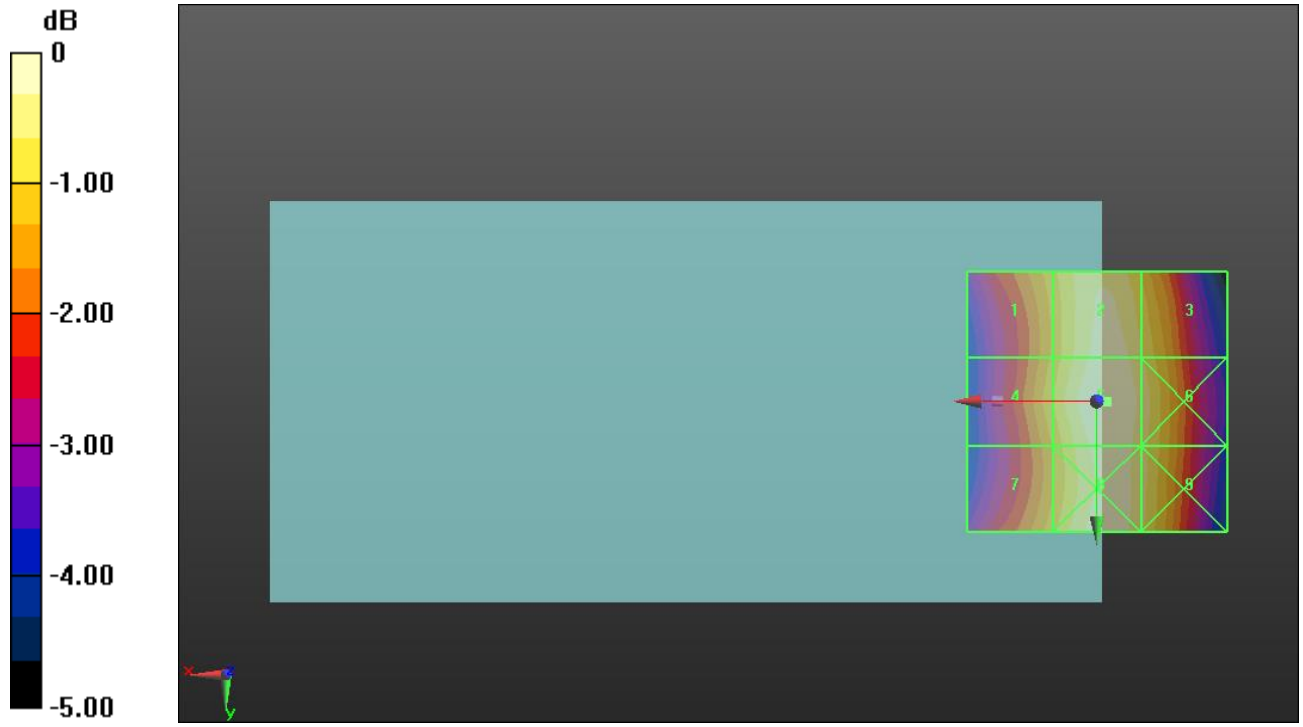
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 35.89 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 32.14 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **31.05 dBV/m**	Grid 2 **M4** **31.97 dBV/m**	Grid 3 **M4** **31.55 dBV/m**
Grid 4 **M4** **31.13 dBV/m**	Grid 5 **M4** **32.14 dBV/m**	Grid 6 **M4** **31.72 dBV/m**
Grid 7 **M4** **31.03 dBV/m**	Grid 8 **M4** **31.99 dBV/m**	Grid 9 **M4** **31.65 dBV/m**



0 dB = 40.45 V/m = 32.14 dBV/m

HAC-RF Emission ANT1

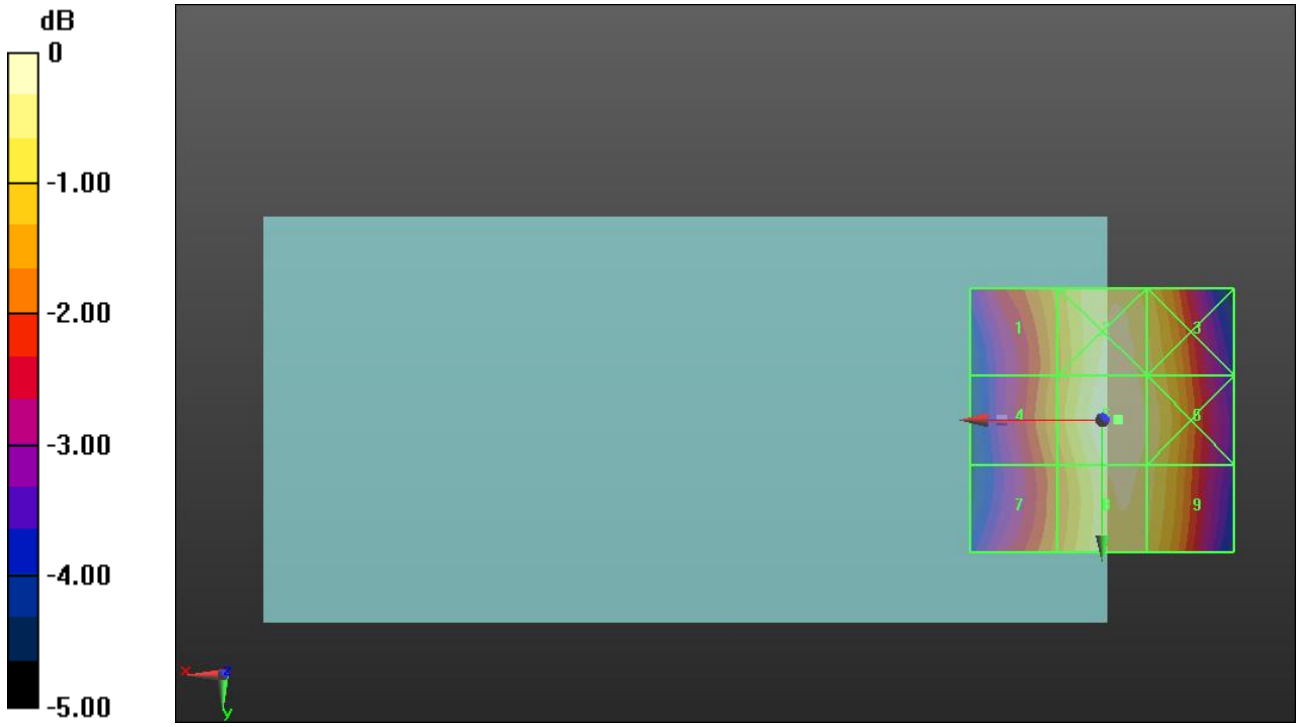
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 37.56 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 32.53 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **31.36 dBV/m**	Grid 2 **M4** **32.37 dBV/m**	Grid 3 **M4** **32.03 dBV/m**
Grid 4 **M4** **31.31 dBV/m**	Grid 5 **M4** **32.53 dBV/m**	Grid 6 **M4** **32.21 dBV/m**
Grid 7 **M4** **31.06 dBV/m**	Grid 8 **M4** **32.32 dBV/m**	Grid 9 **M4** **32.06 dBV/m**



0 dB = 42.32 V/m = 32.53 dBV/m

HAC-RF Emission ANT1

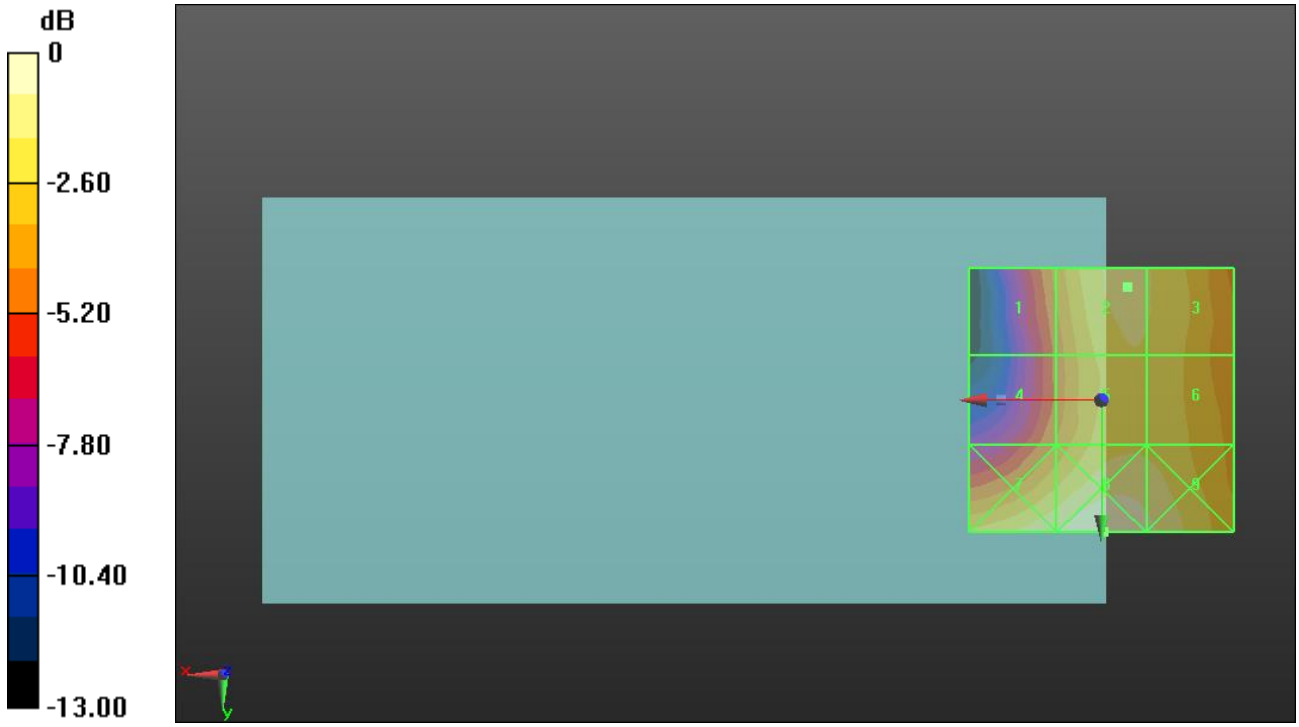
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 14.81 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 25.81 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.37 dBV/m**	Grid 2 **M4** **25.81 dBV/m**	Grid 3 **M4** **25.63 dBV/m**
Grid 4 **M4** **23.16 dBV/m**	Grid 5 **M4** **25.51 dBV/m**	Grid 6 **M4** **25.45 dBV/m**
Grid 7 **M4** **26.56 dBV/m**	Grid 8 **M4** **27.28 dBV/m**	Grid 9 **M4** **26.71 dBV/m**



0 dB = 23.13 V/m = 27.28 dBV/m

HAC-RF Emission ANT1

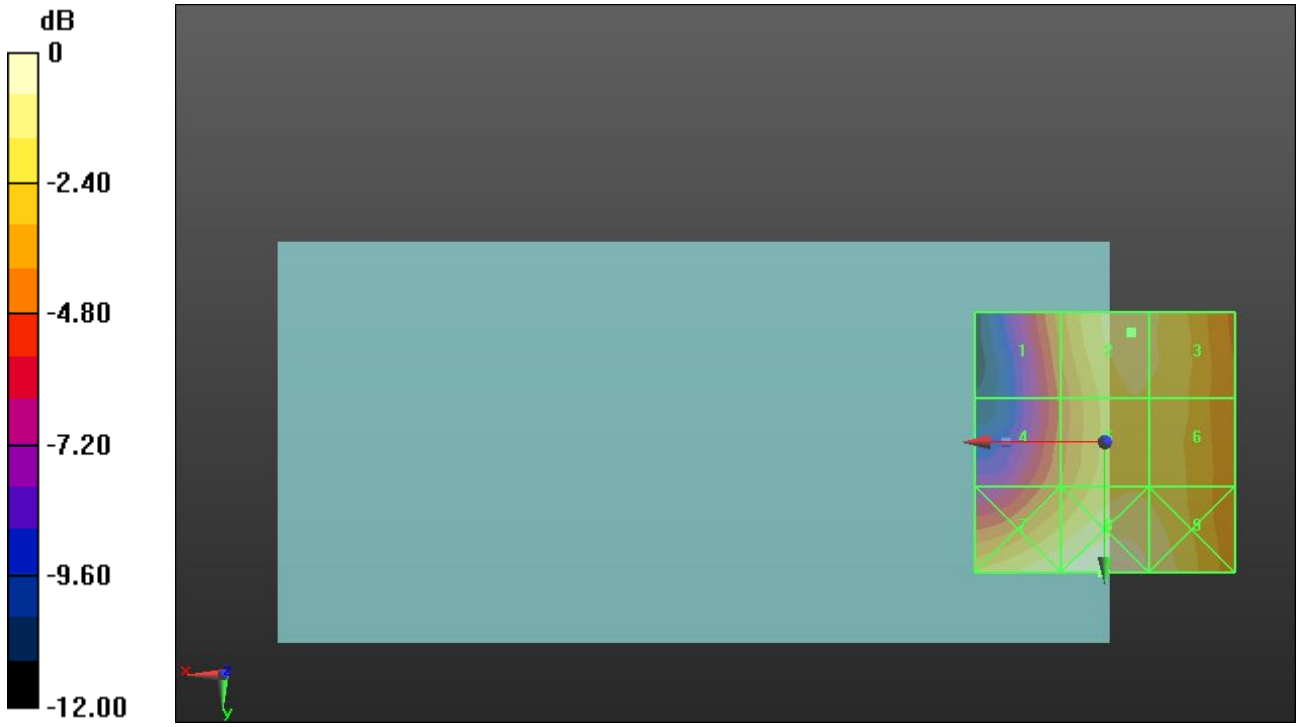
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 16.96 V/m; Power Drift = -0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.10 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.9 dBV/m**	Grid 2 **M4** **27.1 dBV/m**	Grid 3 **M4** **26.94 dBV/m**
Grid 4 **M4** **24.58 dBV/m**	Grid 5 **M4** **26.75 dBV/m**	Grid 6 **M4** **26.66 dBV/m**
Grid 7 **M4** **27.73 dBV/m**	Grid 8 **M4** **28.37 dBV/m**	Grid 9 **M4** **27.65 dBV/m**



0 dB = 26.23 V/m = 28.38 dBV/m

HAC-RF Emission ANT1

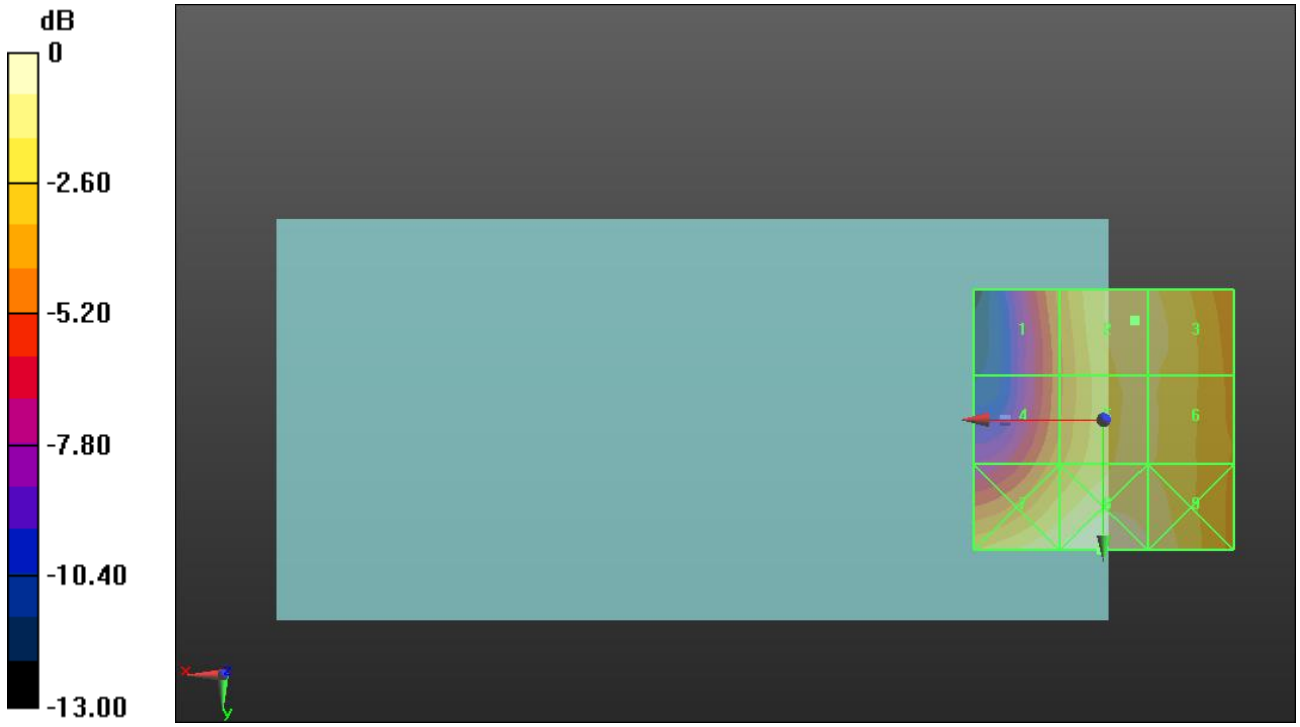
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 18.34 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.46 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.85 dBV/m**	Grid 2 **M4** **27.46 dBV/m**	Grid 3 **M4** **27.37 dBV/m**
Grid 4 **M4** **25.17 dBV/m**	Grid 5 **M4** **27.27 dBV/m**	Grid 6 **M4** **27.19 dBV/m**
Grid 7 **M4** **28.17 dBV/m**	Grid 8 **M4** **28.81 dBV/m**	Grid 9 **M4** **28.07 dBV/m**



0 dB = 27.59 V/m = 28.82 dBV/m

HAC-RF Emission ANT1

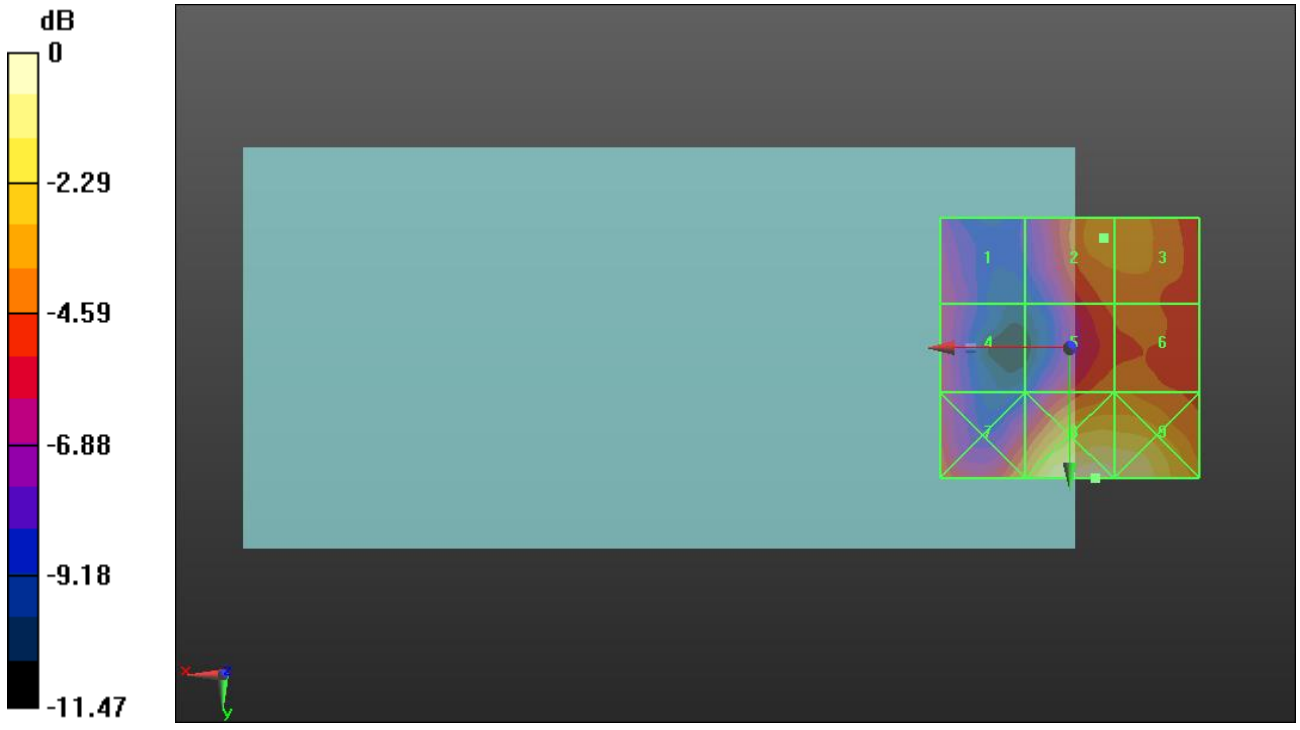
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 8.875 V/m; Power Drift = -0.22 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.48 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.79 dBV/m**	Grid 2 **M4** **19.48 dBV/m**	Grid 3 **M4** **19.42 dBV/m**
Grid 4 **M4** **17.04 dBV/m**	Grid 5 **M4** **18.88 dBV/m**	Grid 6 **M4** **18.96 dBV/m**
Grid 7 **M4** **19.51 dBV/m**	Grid 8 **M4** **22.79 dBV/m**	Grid 9 **M4** **22.25 dBV/m**



0 dB = 13.78 V/m = 22.78 dBV/m

HAC-RF Emission ANT1

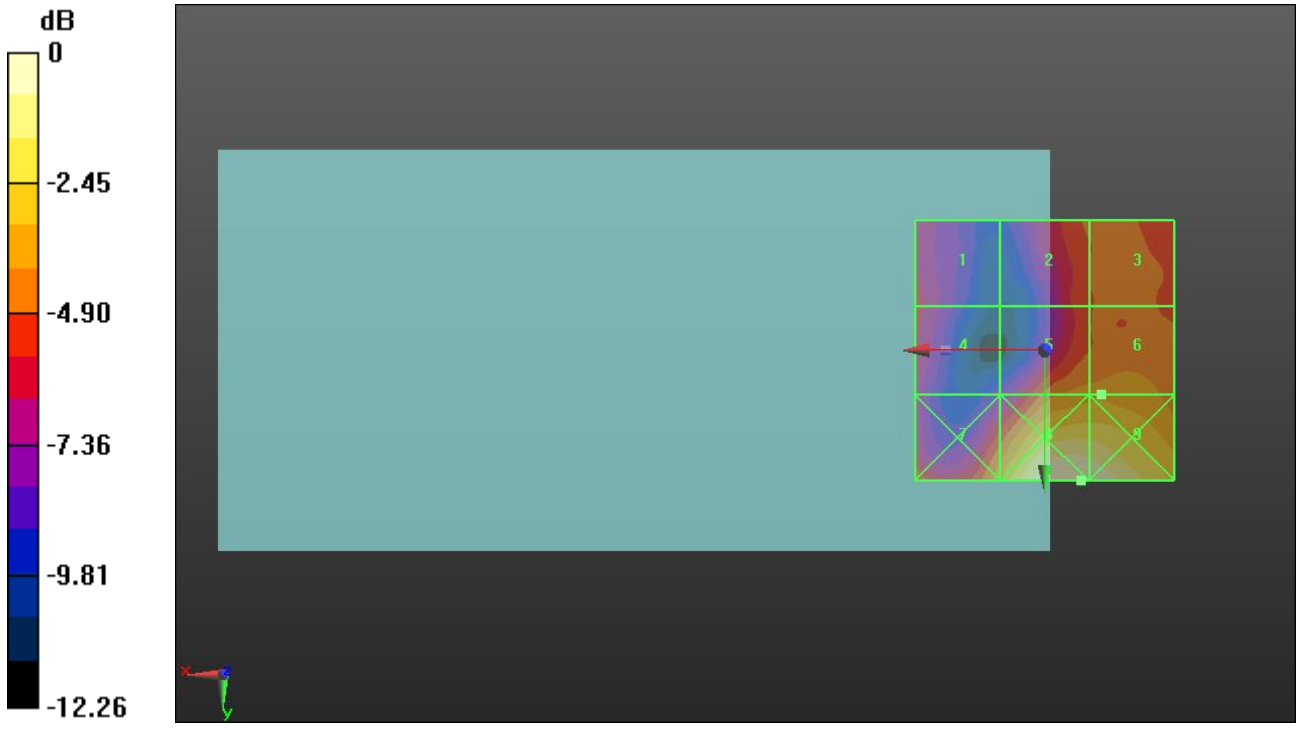
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 7.393 V/m; Power Drift = 0.08 dB
Applied MIF = -1.44 dB
RF audio interference level = 17.91 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.29 dBV/m**	Grid 2 **M4** **16.69 dBV/m**	Grid 3 **M4** **17.04 dBV/m**
Grid 4 **M4** **15.28 dBV/m**	Grid 5 **M4** **17.81 dBV/m**	Grid 6 **M4** **17.91 dBV/m**
Grid 7 **M4** **18.06 dBV/m**	Grid 8 **M4** **21.41 dBV/m**	Grid 9 **M4** **21.37 dBV/m**



0 dB = 11.76 V/m = 21.41 dBV/m

HAC-RF Emission ANT1

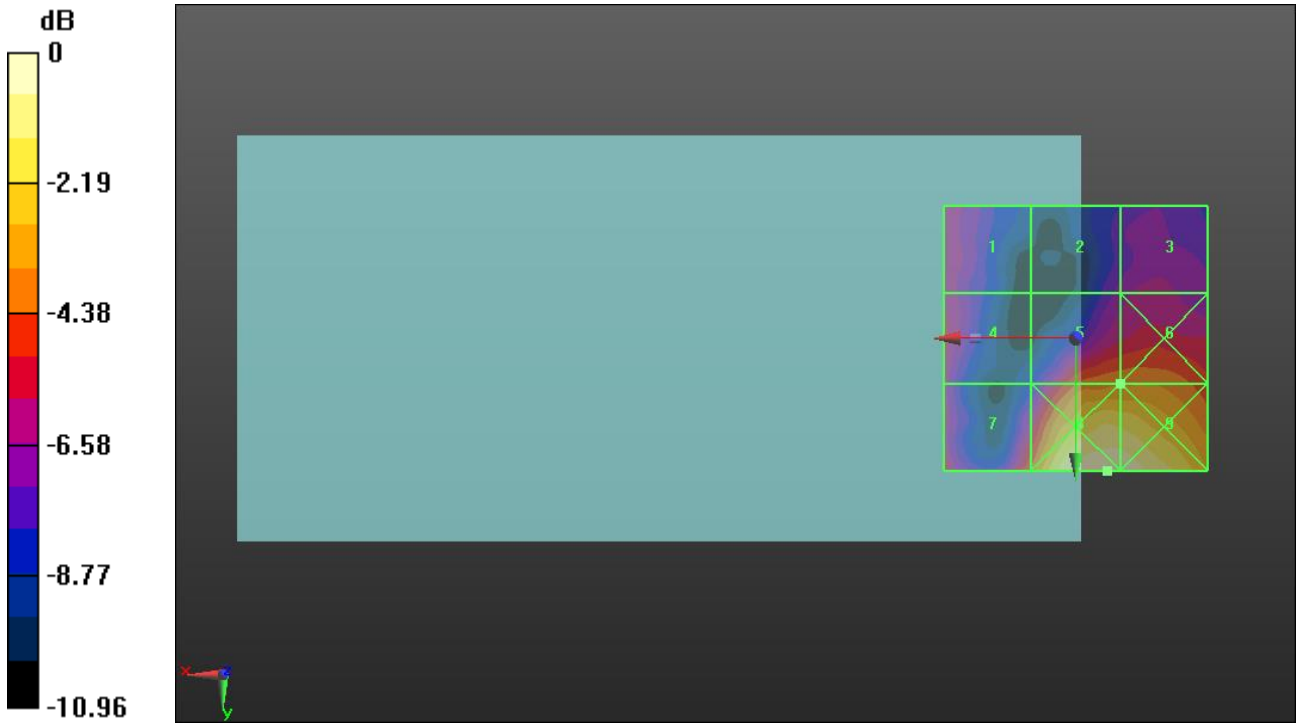
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 6.534 V/m; Power Drift = -0.08 dB
Applied MIF = -1.44 dB
RF audio interference level = 17.37 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.23 dBV/m**	Grid 2 **M4** **14.22 dBV/m**	Grid 3 **M4** **14.83 dBV/m**
Grid 4 **M4** **15.61 dBV/m**	Grid 5 **M4** **17.37 dBV/m**	Grid 6 **M4** **17.47 dBV/m**
Grid 7 **M4** **16.98 dBV/m**	Grid 8 **M4** **21.14 dBV/m**	Grid 9 **M4** **20.99 dBV/m**



0 dB = 11.41 V/m = 21.15 dBV/m

HAC-RF Emission ANT1

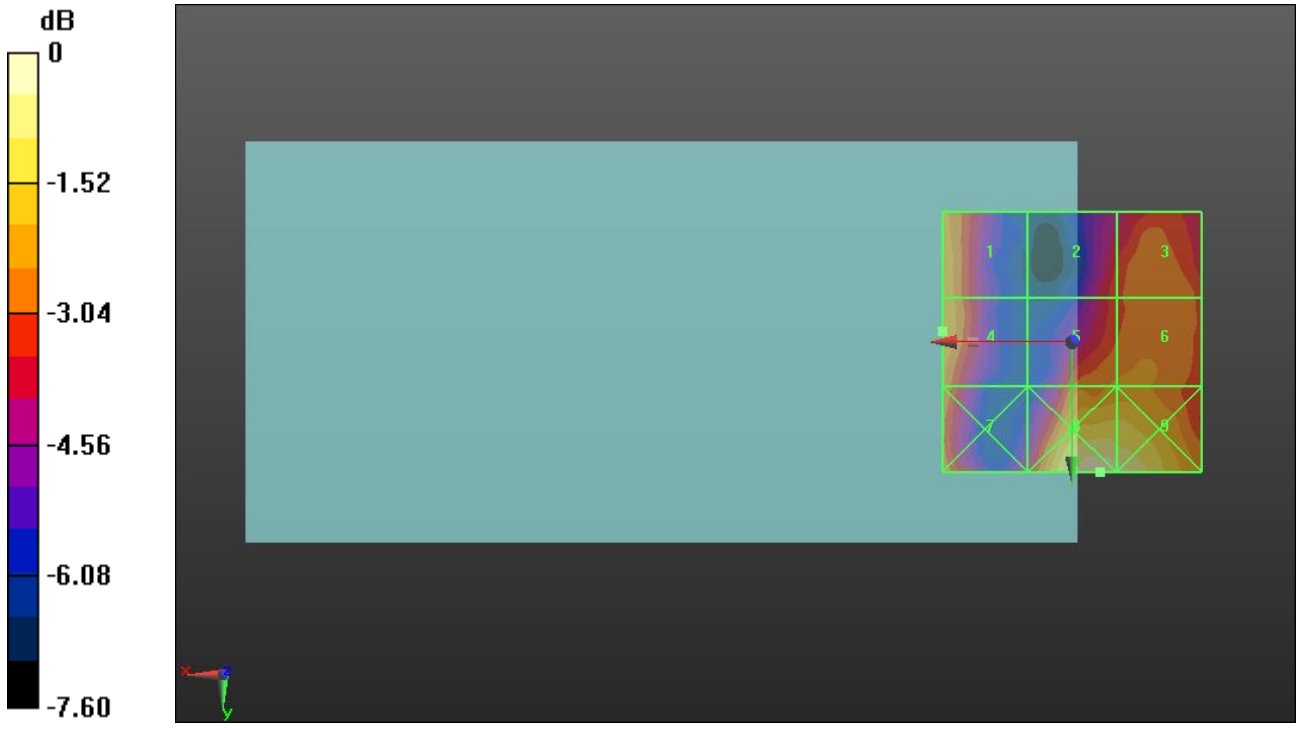
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 6.804 V/m; Power Drift = 0.25 dB
Applied MIF = -1.44 dB
RF audio interference level = 16.44 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.41 dBV/m**	Grid 2 **M4** **15.23 dBV/m**	Grid 3 **M4** **15.8 dBV/m**
Grid 4 **M4** **16.44 dBV/m**	Grid 5 **M4** **16.06 dBV/m**	Grid 6 **M4** **16.14 dBV/m**
Grid 7 **M4** **16.16 dBV/m**	Grid 8 **M4** **18.46 dBV/m**	Grid 9 **M4** **18.23 dBV/m**



0 dB = 8.373 V/m = 18.46 dBV/m

HAC-RF Emission ANT1

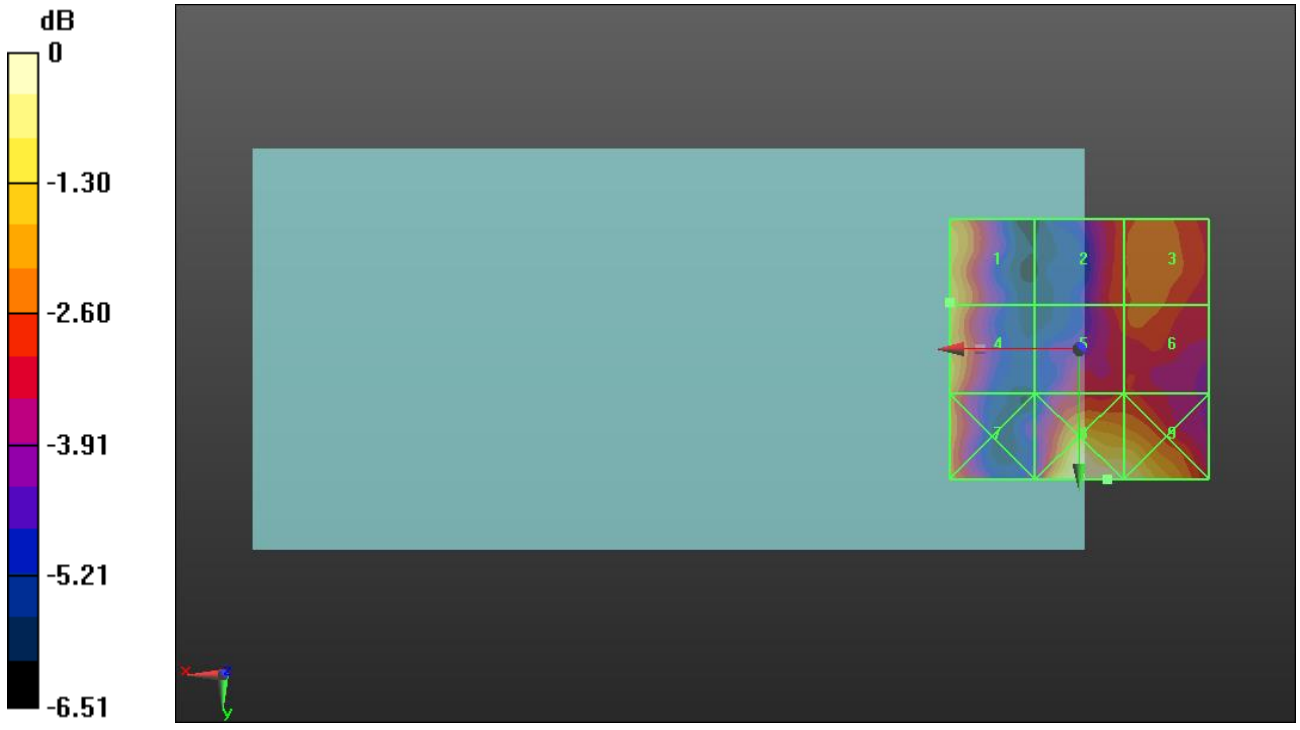
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 6.247 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 16.50 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.5 dBV/m**	Grid 2 **M4** **15.08 dBV/m**	Grid 3 **M4** **15.5 dBV/m**
Grid 4 **M4** **16.5 dBV/m**	Grid 5 **M4** **15.01 dBV/m**	Grid 6 **M4** **15.27 dBV/m**
Grid 7 **M4** **15.74 dBV/m**	Grid 8 **M4** **17.7 dBV/m**	Grid 9 **M4** **17.47 dBV/m**



0 dB = 7.677 V/m = 17.70 dBV/m

HAC-RF Emission ANT1

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 15.63 V/m; Power Drift = -0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.88 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.38 dBV/m**	Grid 2 **M4** **22.86 dBV/m**	Grid 3 **M4** **22.88 dBV/m**
Grid 4 **M4** **19.55 dBV/m**	Grid 5 **M4** **22.56 dBV/m**	Grid 6 **M4** **22.6 dBV/m**
Grid 7 **M4** **22.4 dBV/m**	Grid 8 **M4** **25.42 dBV/m**	Grid 9 **M4** **25.17 dBV/m**

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

HAC-RF Emission ANT1

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: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 12.24 V/m; Power Drift = -0.15 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.83 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.92 dBV/m**	Grid 2 **M4** **20.62 dBV/m**	Grid 3 **M4** **20.83 dBV/m**
Grid 4 **M4** **19.47 dBV/m**	Grid 5 **M4** **20.61 dBV/m**	Grid 6 **M4** **20.8 dBV/m**
Grid 7 **M4** **20.78 dBV/m**	Grid 8 **M4** **24.01 dBV/m**	Grid 9 **M4** **23.55 dBV/m**

0 dB = 15.86 V/m = 24.01 dBV/m

HAC-RF Emission ANT1

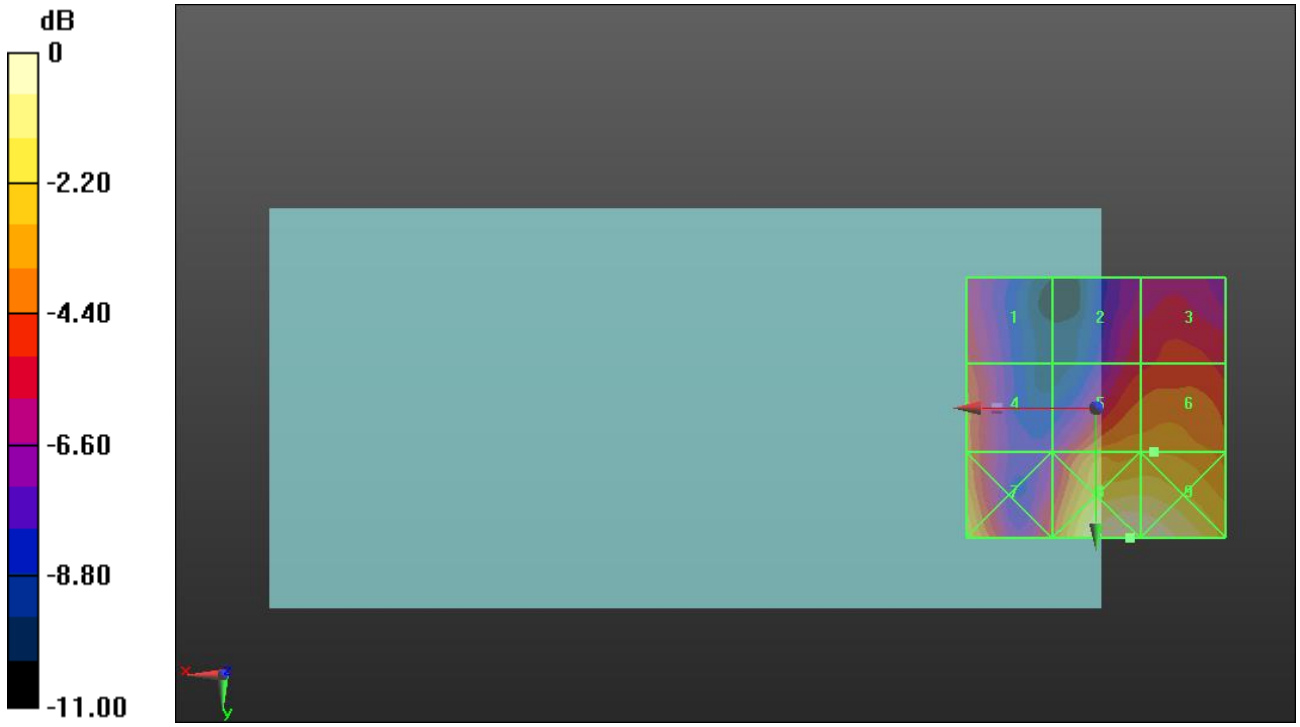
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 11.21 V/m; Power Drift = -0.35 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.70 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.82 dBV/m**	Grid 2 **M4** **18.25 dBV/m**	Grid 3 **M4** **18.92 dBV/m**
Grid 4 **M4** **19.83 dBV/m**	Grid 5 **M4** **20.62 dBV/m**	Grid 6 **M4** **20.7 dBV/m**
Grid 7 **M4** **21.63 dBV/m**	Grid 8 **M4** **23.64 dBV/m**	Grid 9 **M4** **23.59 dBV/m**



0 dB = 15.20 V/m = 23.64 dBV/m

HAC-RF Emission ANT1

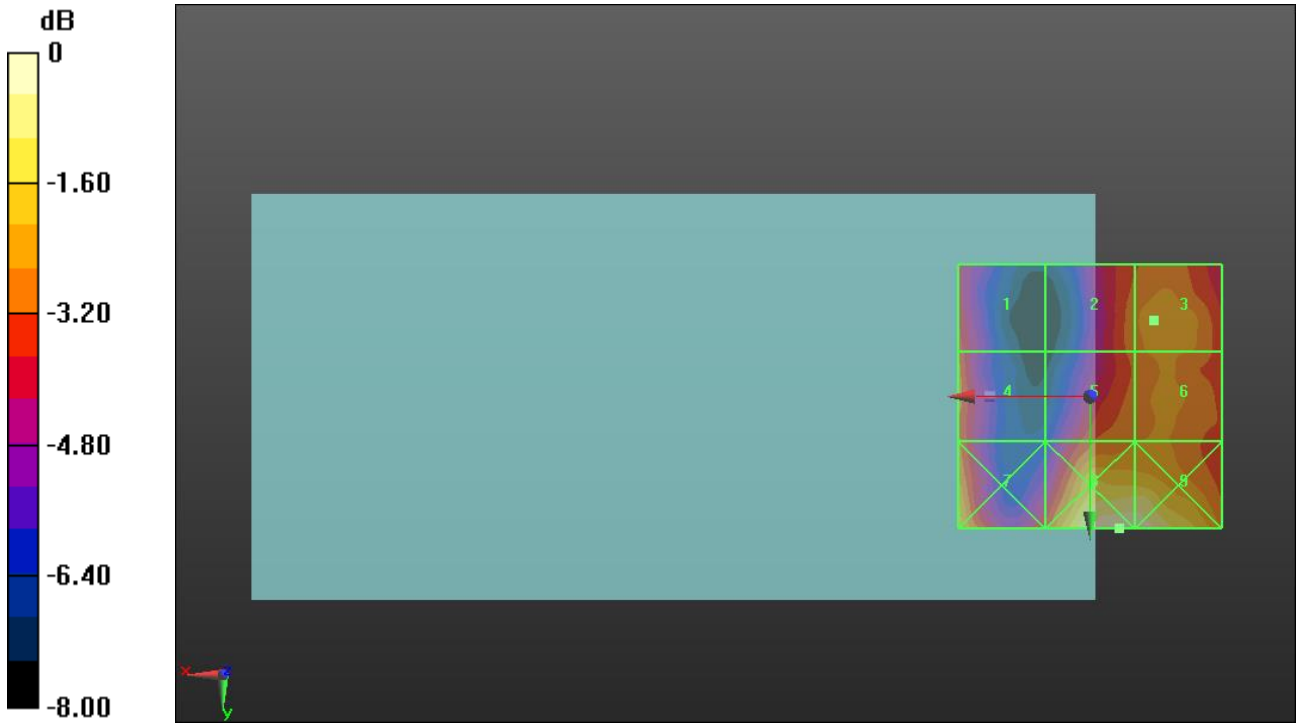
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 9.805 V/m; Power Drift = -0.14 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.90 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.97 dBV/m**	Grid 2 **M4** **19.53 dBV/m**	Grid 3 **M4** **19.9 dBV/m**
Grid 4 **M4** **19.47 dBV/m**	Grid 5 **M4** **19.6 dBV/m**	Grid 6 **M4** **19.76 dBV/m**
Grid 7 **M4** **20.64 dBV/m**	Grid 8 **M4** **22.31 dBV/m**	Grid 9 **M4** **22.16 dBV/m**



0 dB = 13.04 V/m = 22.31 dBV/m

HAC-RF Emission ANT1

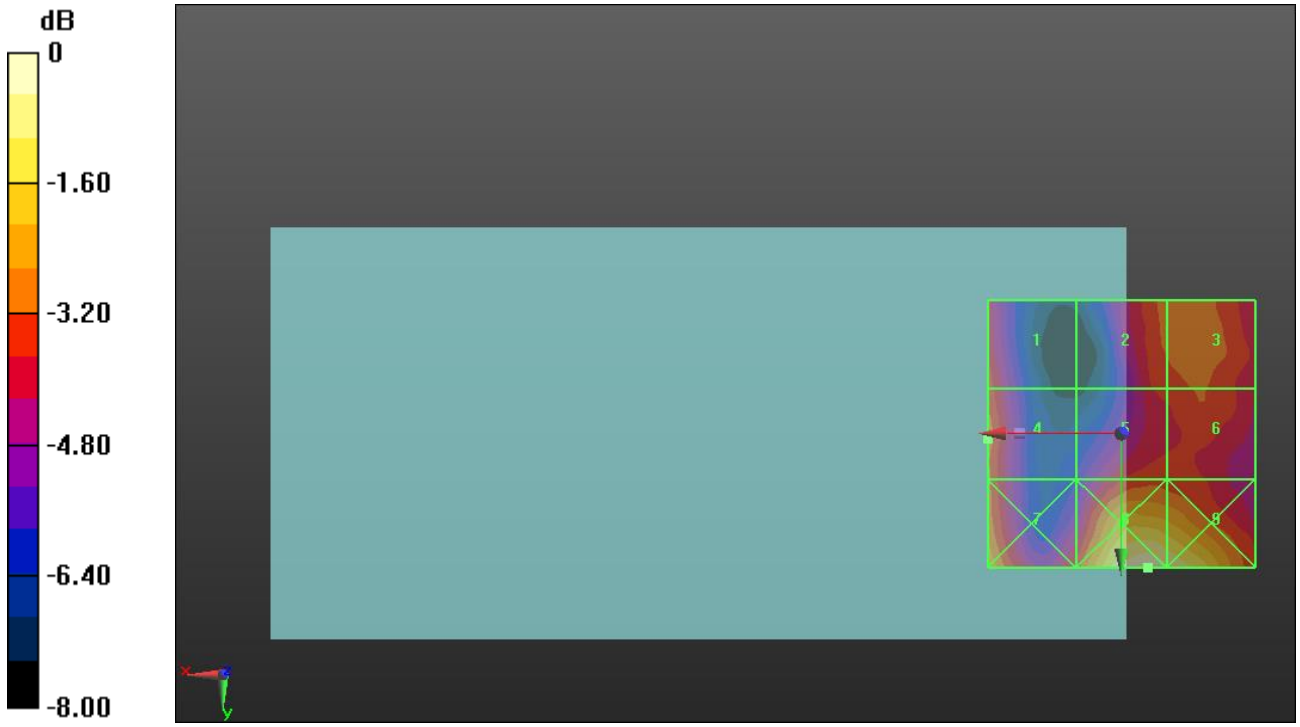
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 8.422 V/m; Power Drift = 0.47 dB
Applied MIF = -1.44 dB
RF audio interference level = 18.64 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.18 dBV/m**	Grid 2 **M4** **18.44 dBV/m**	Grid 3 **M4** **18.63 dBV/m**
Grid 4 **M4** **18.64 dBV/m**	Grid 5 **M4** **18.1 dBV/m**	Grid 6 **M4** **18.3 dBV/m**
Grid 7 **M4** **19.57 dBV/m**	Grid 8 **M4** **21.45 dBV/m**	Grid 9 **M4** **20.99 dBV/m**



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

HAC-RF Emission ANT1

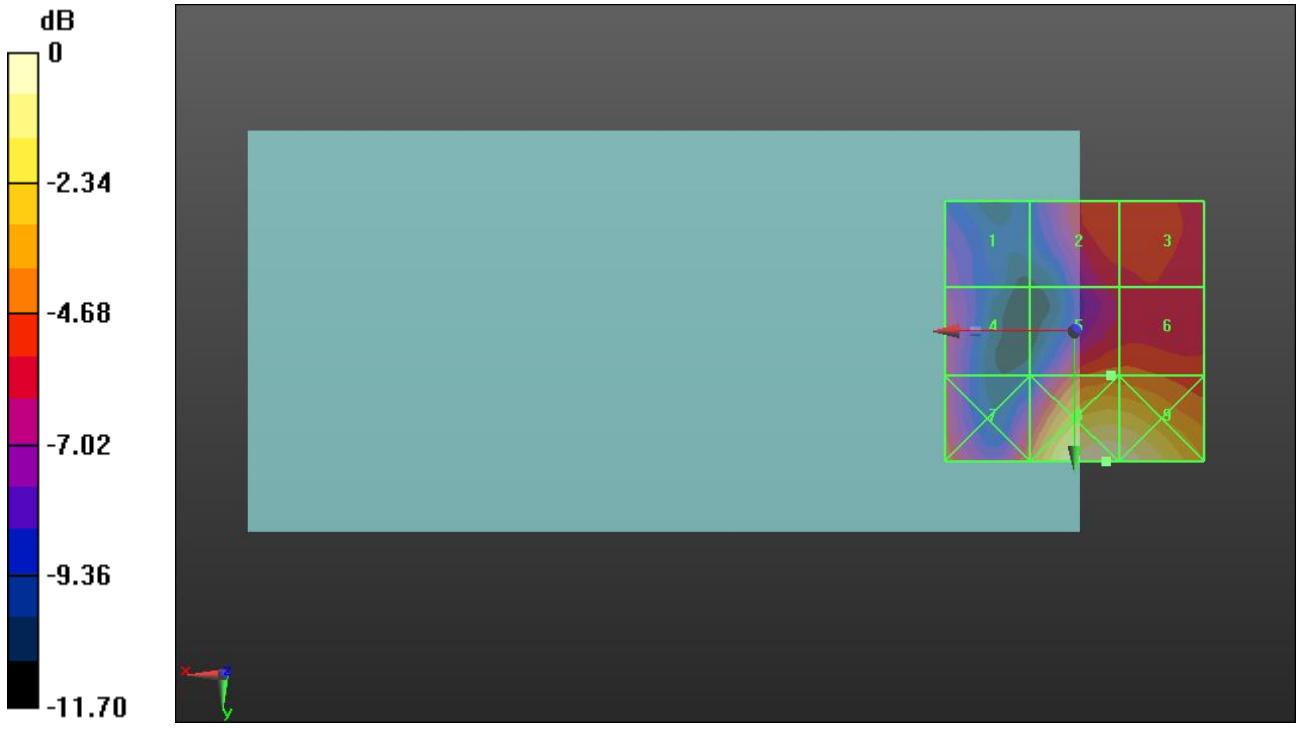
Communication System: UID 10235 - CAG, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM); Frequency: 2489.2 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2489.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 7.639 V/m; Power Drift = 0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 18.33 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.61 dBV/m**	Grid 2 **M4** **17.89 dBV/m**	Grid 3 **M4** **17.89 dBV/m**
Grid 4 **M4** **16.69 dBV/m**	Grid 5 **M4** **18.33 dBV/m**	Grid 6 **M4** **18.29 dBV/m**
Grid 7 **M4** **18.33 dBV/m**	Grid 8 **M4** **22.58 dBV/m**	Grid 9 **M4** **22.38 dBV/m**



0 dB = 13.46 V/m = 22.58 dBV/m

HAC-RF Emission ANT2

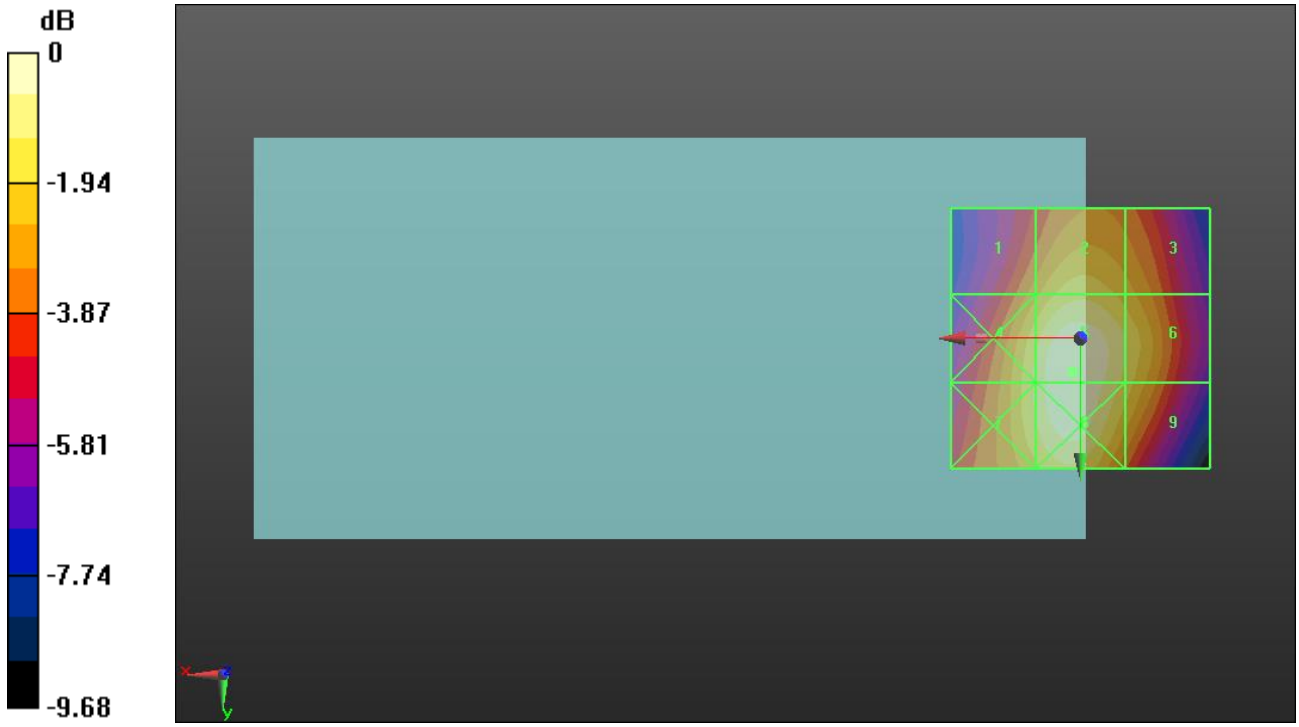
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 130.9 V/m; Power Drift = -0.07 dB
Applied MIF = 3.63 dB
RF audio interference level = 40.57 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **37.84 dBV/m**	Grid 2 **M4** **39.13 dBV/m**	Grid 3 **M4** **38.38 dBV/m**
Grid 4 **M4** **39.47 dBV/m**	Grid 5 **M3** **40.57 dBV/m**	Grid 6 **M4** **39.35 dBV/m**
Grid 7 **M4** **39.47 dBV/m**	Grid 8 **M3** **40.54 dBV/m**	Grid 9 **M4** **39.05 dBV/m**



0 dB = 106.7 V/m = 40.56 dBV/m

HAC-RF Emission ANT2

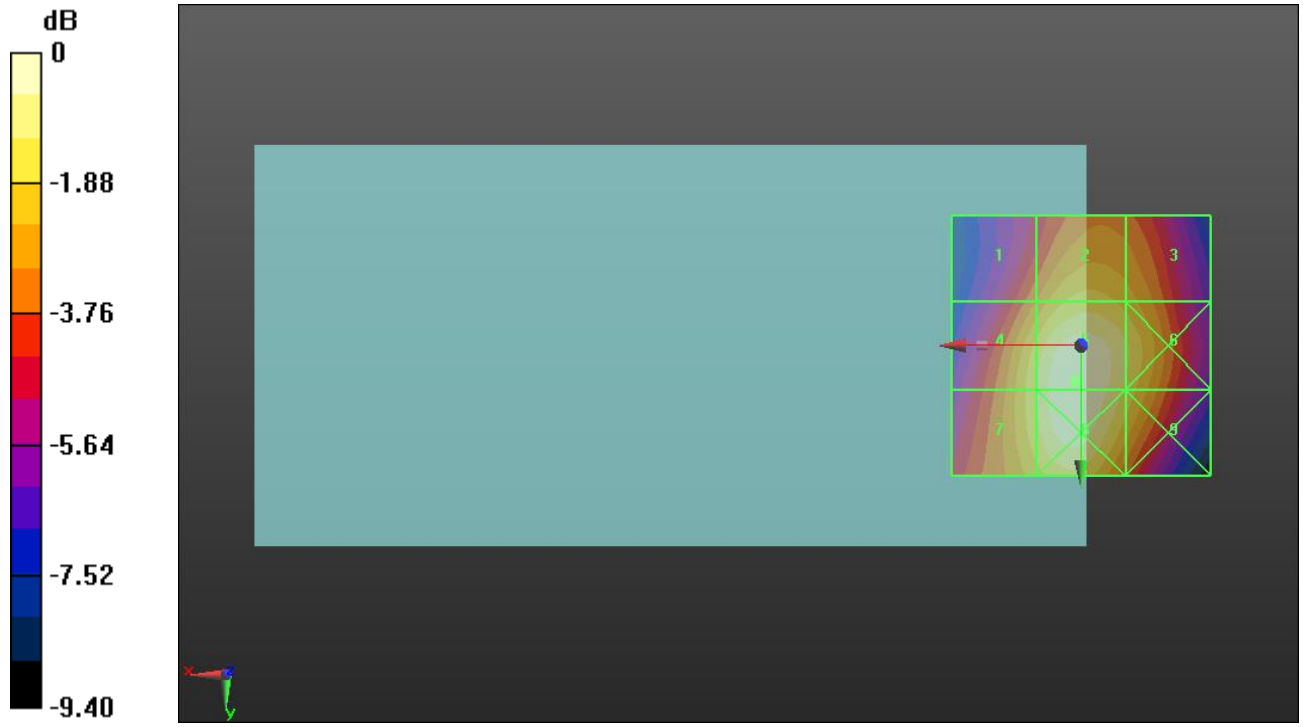
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 135.2 V/m; Power Drift = -0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 40.89 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **37.83 dBV/m**	Grid 2 **M4** **39.34 dBV/m**	Grid 3 **M4** **38.8 dBV/m**
Grid 4 **M4** **39.66 dBV/m**	Grid 5 **M3** **40.89 dBV/m**	Grid 6 **M4** **39.79 dBV/m**
Grid 7 **M4** **39.65 dBV/m**	Grid 8 **M3** **40.88 dBV/m**	Grid 9 **M4** **39.52 dBV/m**



0 dB = 110.8 V/m = 40.89 dBV/m

HAC-RF Emission ANT2

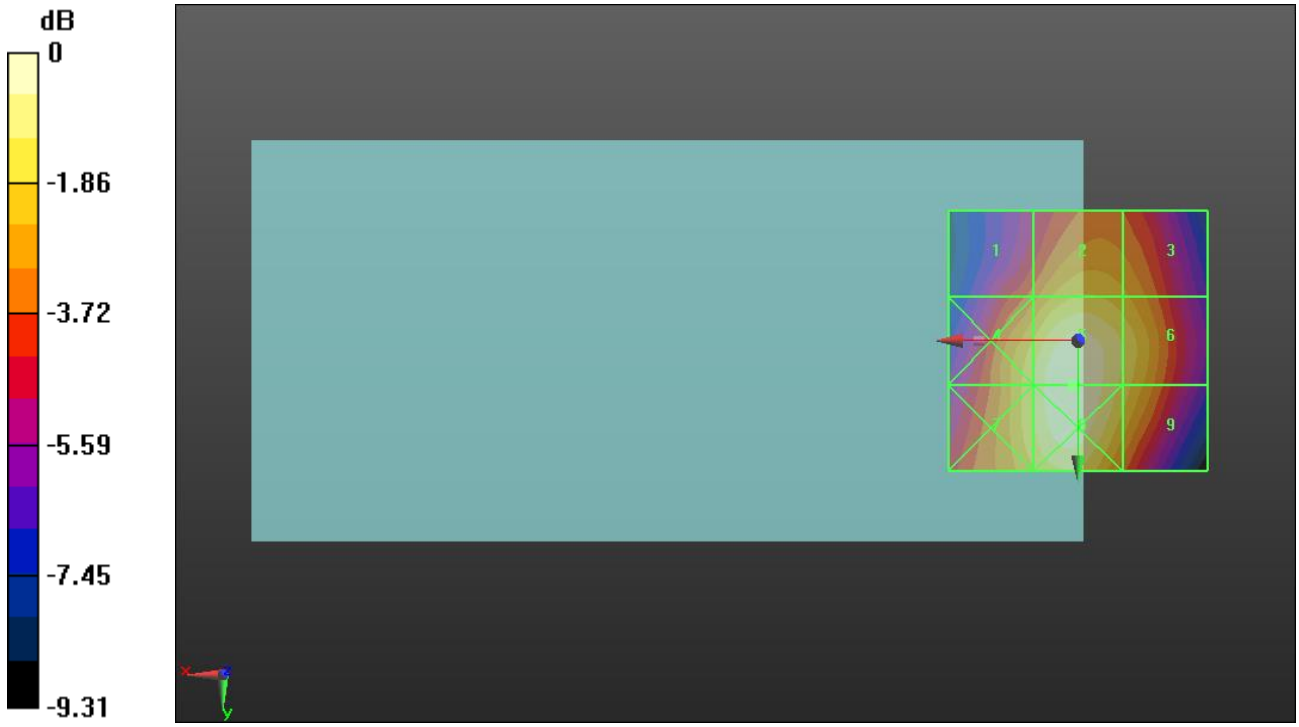
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 125.2 V/m; Power Drift = -0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 40.35 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **37.05 dBV/m**	Grid 2 **M4** **38.58 dBV/m**	Grid 3 **M4** **38.09 dBV/m**
Grid 4 **M4** **39.18 dBV/m**	Grid 5 **M3** **40.35 dBV/m**	Grid 6 **M4** **39.13 dBV/m**
Grid 7 **M4** **39.2 dBV/m**	Grid 8 **M3** **40.35 dBV/m**	Grid 9 **M4** **38.92 dBV/m**



0 dB = 104.1 V/m = 40.35 dBV/m

HAC-RF Emission ANT2

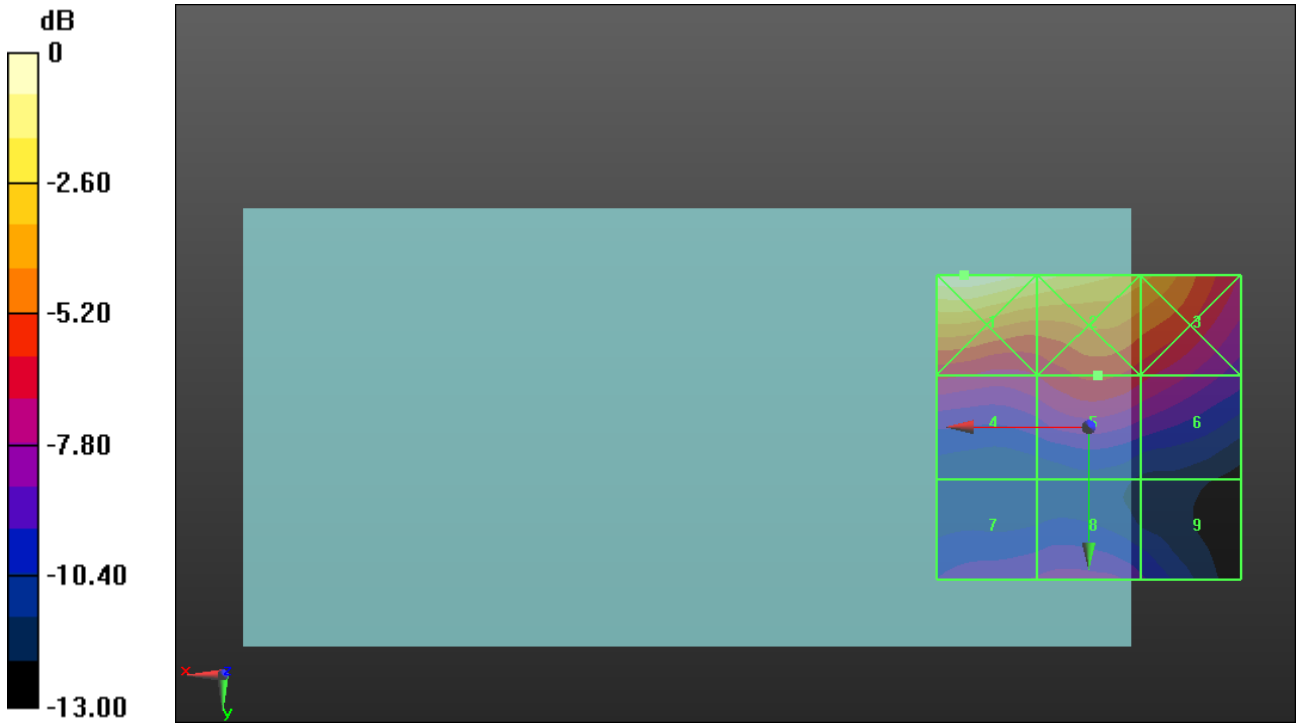
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 17.28 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 27.63 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **33.48 dBV/m**	Grid 2 **M3** **32.3 dBV/m**	Grid 3 **M3** **30.39 dBV/m**
Grid 4 **M4** **26.83 dBV/m**	Grid 5 **M4** **27.63 dBV/m**	Grid 6 **M4** **26.9 dBV/m**
Grid 7 **M4** **24.97 dBV/m**	Grid 8 **M4** **25.29 dBV/m**	Grid 9 **M4** **24.21 dBV/m**



0 dB = 47.21 V/m = 33.48 dBV/m

HAC-RF Emission ANT2

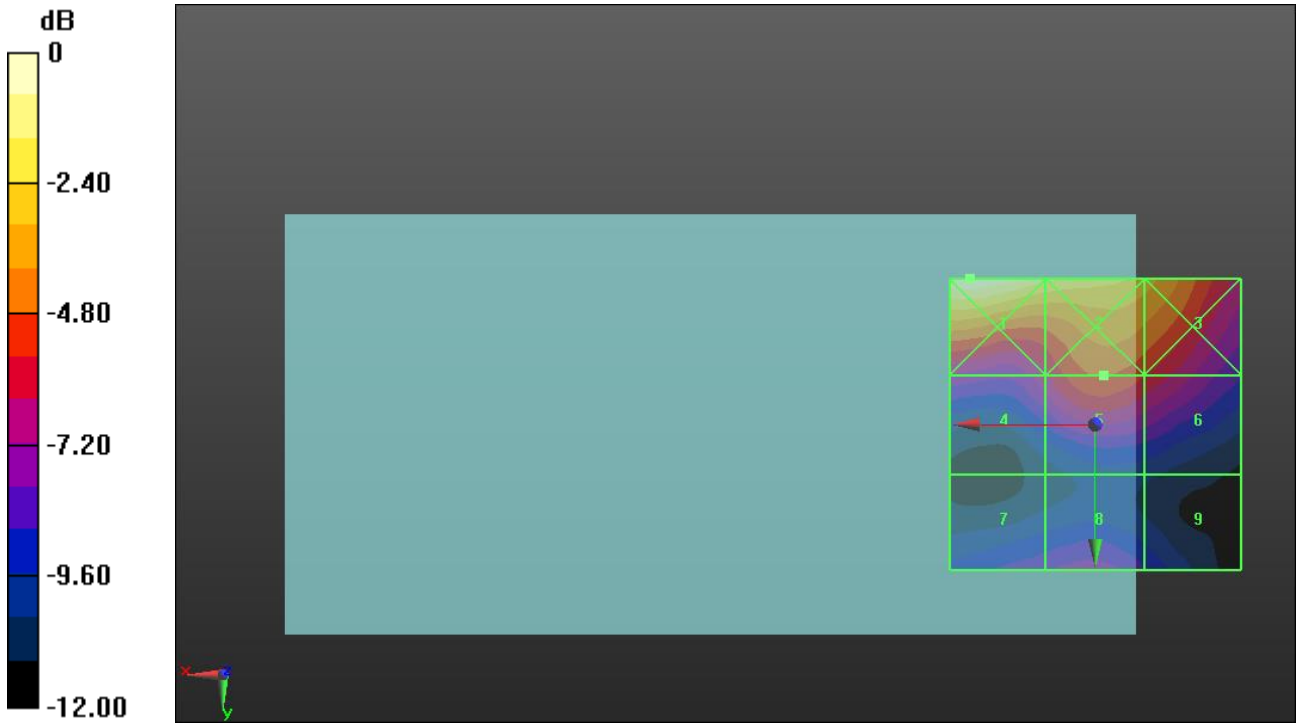
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 19.40 V/m; Power Drift = -0.00 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.51 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **33.23 dBV/m**	Grid 2 **M3** **31.92 dBV/m**	Grid 3 **M3** **30.44 dBV/m**
Grid 4 **M4** **26.68 dBV/m**	Grid 5 **M4** **28.51 dBV/m**	Grid 6 **M4** **27.67 dBV/m**
Grid 7 **M4** **25.14 dBV/m**	Grid 8 **M4** **25.66 dBV/m**	Grid 9 **M4** **24.59 dBV/m**



0 dB = 45.84 V/m = 33.22 dBV/m

HAC-RF Emission ANT2

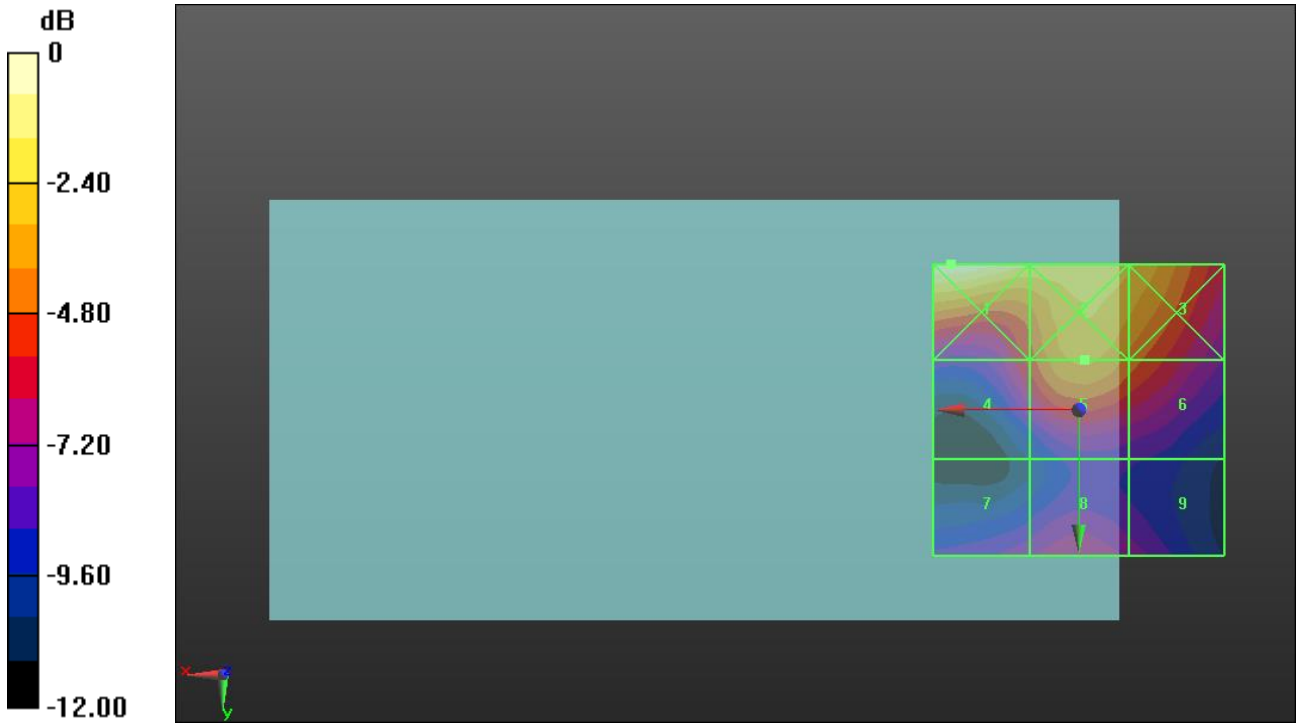
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 21.69 V/m; Power Drift = 0.00 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.15 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **32.2 dBV/m**	Grid 2 **M3** **30.81 dBV/m**	Grid 3 **M3** **30.03 dBV/m**
Grid 4 **M4** **26.9 dBV/m**	Grid 5 **M4** **29.15 dBV/m**	Grid 6 **M4** **27.92 dBV/m**
Grid 7 **M4** **24.94 dBV/m**	Grid 8 **M4** **25.76 dBV/m**	Grid 9 **M4** **24.83 dBV/m**



0 dB = 40.76 V/m = 32.20 dBV/m

HAC-RF Emission ANT2

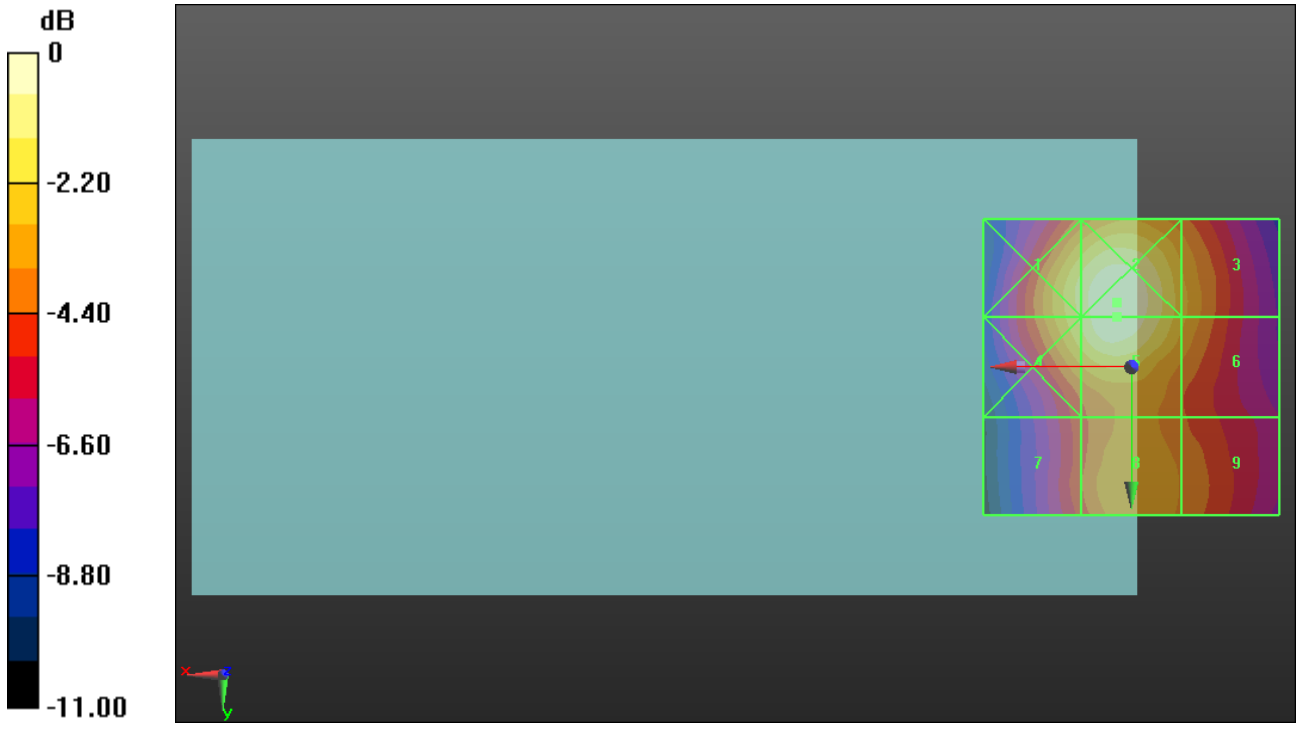
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 25.33 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.95 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.94 dBV/m**	Grid 2 **M4** **26.03 dBV/m**	Grid 3 **M4** **23.46 dBV/m**
Grid 4 **M4** **24.81 dBV/m**	Grid 5 **M4** **25.95 dBV/m**	Grid 6 **M4** **23.37 dBV/m**
Grid 7 **M4** **21.6 dBV/m**	Grid 8 **M4** **23.02 dBV/m**	Grid 9 **M4** **22.34 dBV/m**



0 dB = 20.03 V/m = 26.03 dBV/m

HAC-RF Emission ANT2

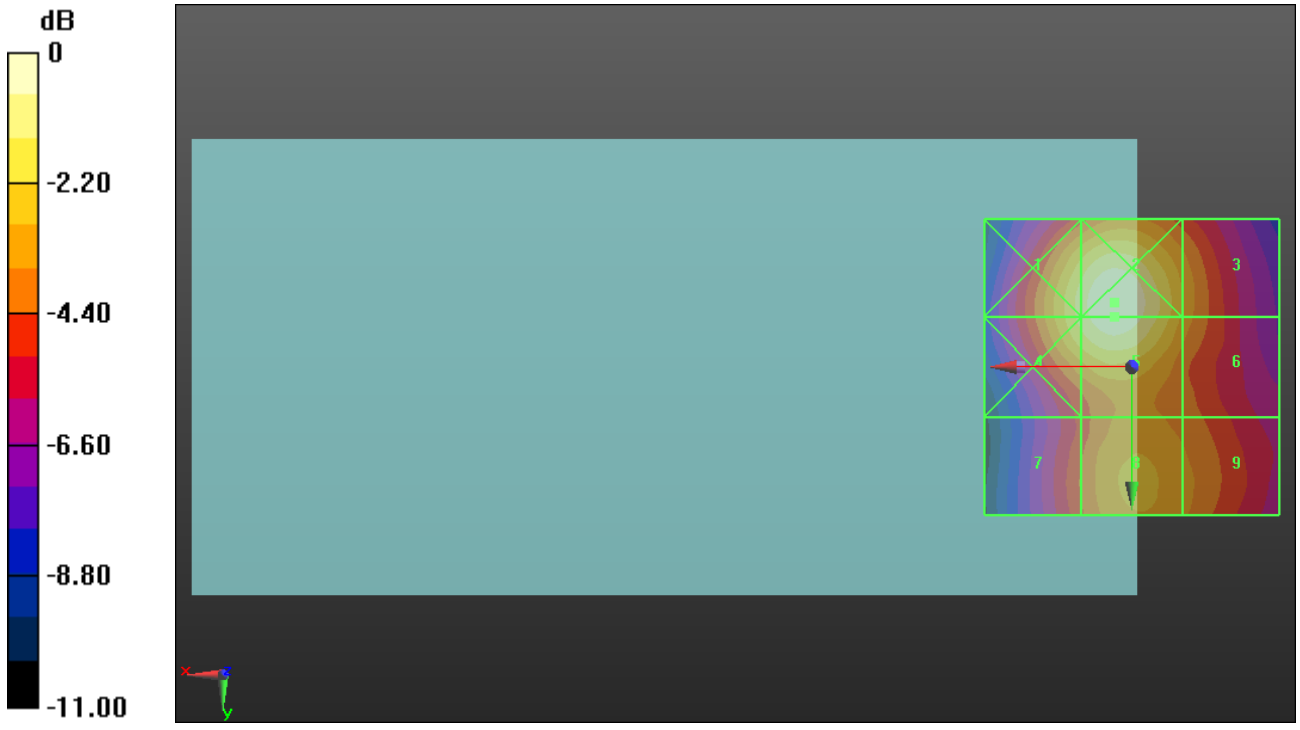
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 25.80 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.26 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.36 dBV/m**	Grid 2 **M4** **26.41 dBV/m**	Grid 3 **M4** **23.5 dBV/m**
Grid 4 **M4** **25.27 dBV/m**	Grid 5 **M4** **26.26 dBV/m**	Grid 6 **M4** **23.37 dBV/m**
Grid 7 **M4** **22.14 dBV/m**	Grid 8 **M4** **23.69 dBV/m**	Grid 9 **M4** **23.04 dBV/m**



0 dB = 20.91 V/m = 26.41 dBV/m

HAC-RF Emission ANT2

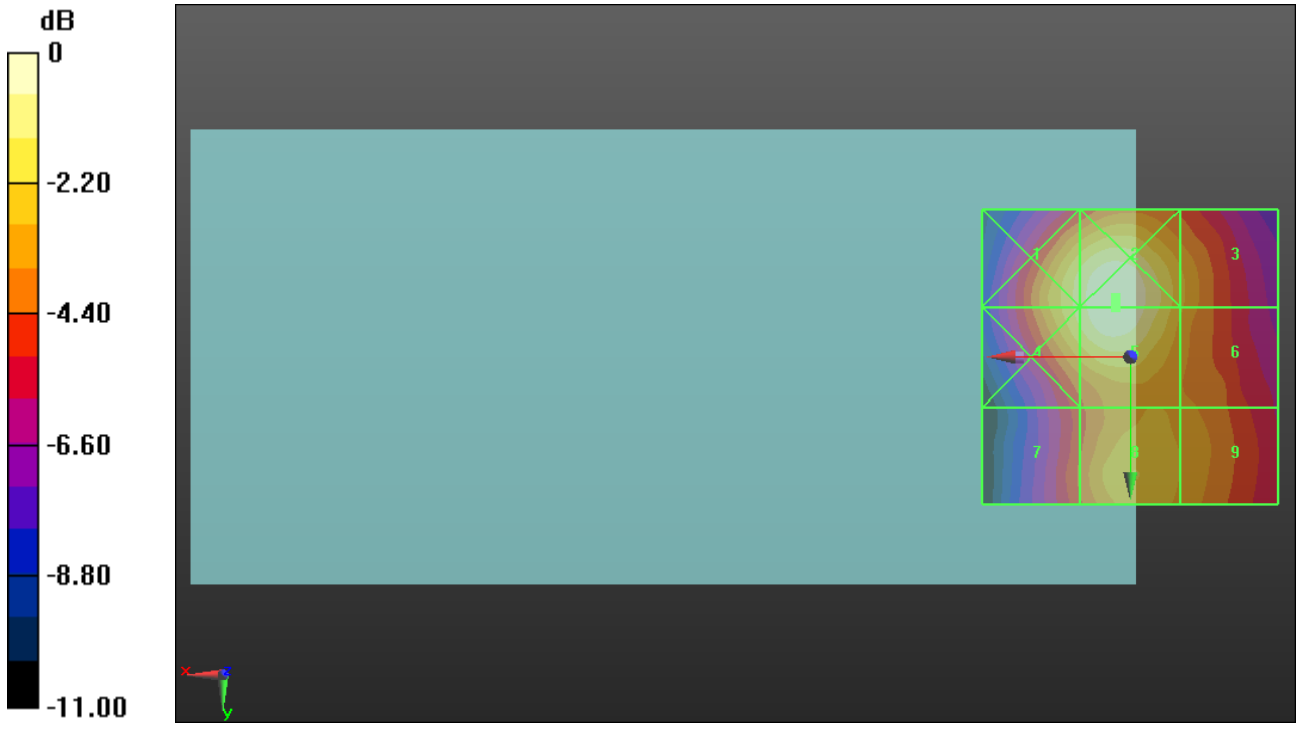
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 28.67 V/m; Power Drift = -0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.74 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.73 dBV/m**	Grid 2 **M4** **26.76 dBV/m**	Grid 3 **M4** **24.09 dBV/m**
Grid 4 **M4** **25.7 dBV/m**	Grid 5 **M4** **26.74 dBV/m**	Grid 6 **M4** **24.01 dBV/m**
Grid 7 **M4** **22.57 dBV/m**	Grid 8 **M4** **24.59 dBV/m**	Grid 9 **M4** **23.83 dBV/m**



0 dB = 21.79 V/m = 26.77 dBV/m

HAC-RF Emission ANT2

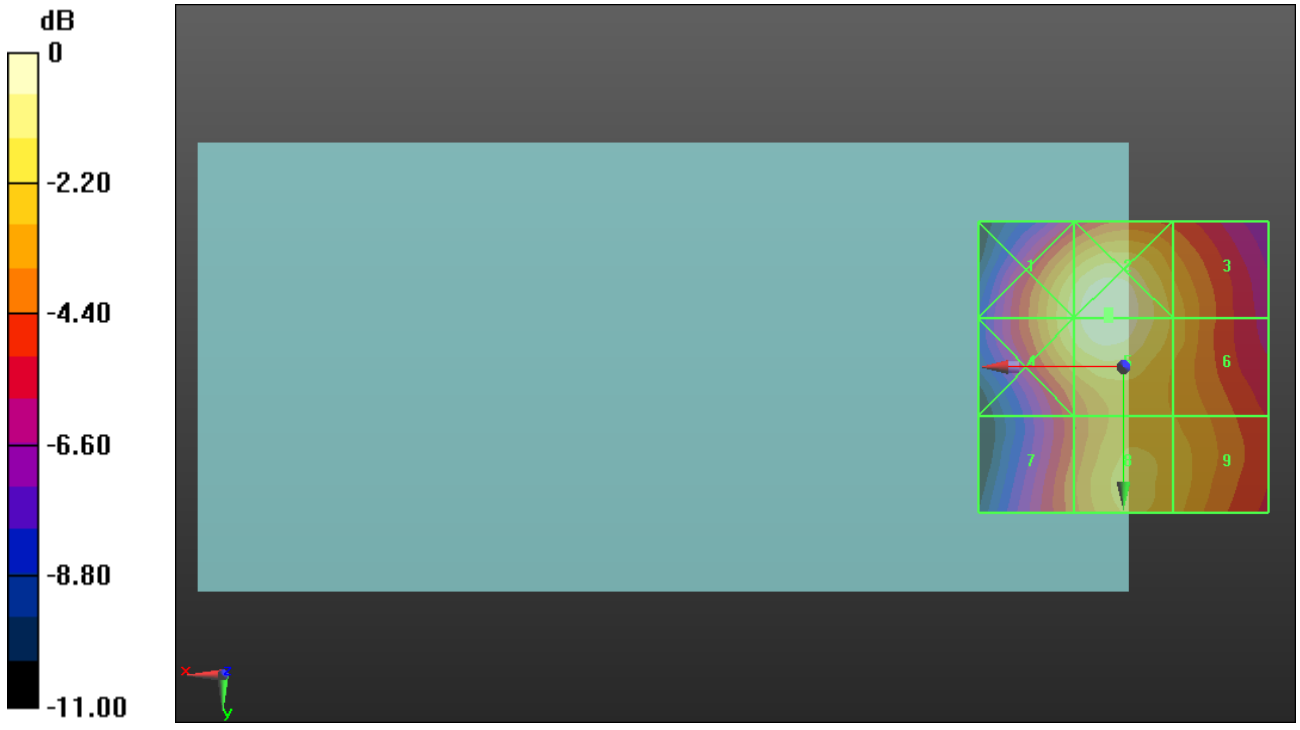
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 29.58 V/m; Power Drift = -0.10 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.61 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.59 dBV/m**	Grid 2 **M4** **26.64 dBV/m**	Grid 3 **M4** **24.28 dBV/m**
Grid 4 **M4** **25.59 dBV/m**	Grid 5 **M4** **26.61 dBV/m**	Grid 6 **M4** **24.29 dBV/m**
Grid 7 **M4** **22.84 dBV/m**	Grid 8 **M4** **24.74 dBV/m**	Grid 9 **M4** **24.21 dBV/m**



0 dB = 21.47 V/m = 26.64 dBV/m

HAC-RF Emission ANT2

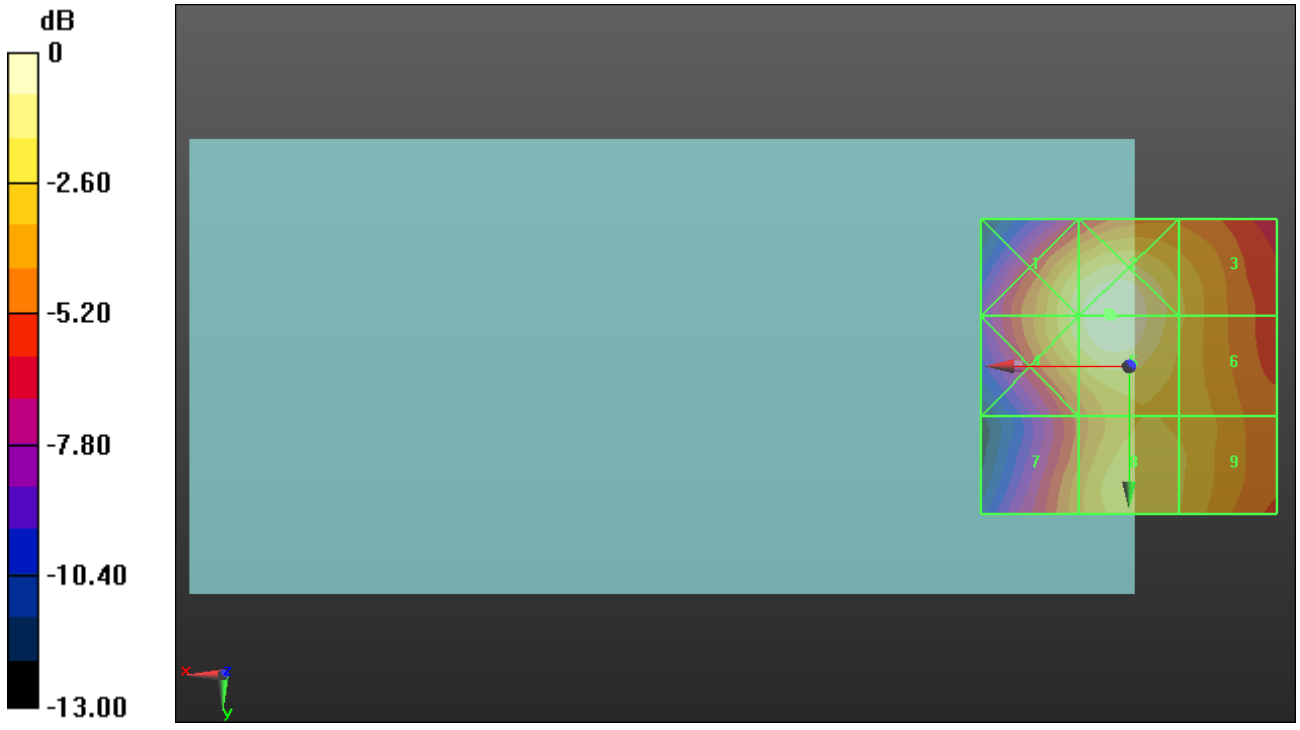
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 29.13 V/m; Power Drift = -0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.11 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.01 dBV/m**	Grid 2 **M4** **26.11 dBV/m**	Grid 3 **M4** **23.77 dBV/m**
Grid 4 **M4** **25.01 dBV/m**	Grid 5 **M4** **26.11 dBV/m**	Grid 6 **M4** **23.76 dBV/m**
Grid 7 **M4** **22.4 dBV/m**	Grid 8 **M4** **24.31 dBV/m**	Grid 9 **M4** **23.66 dBV/m**



0 dB = 20.20 V/m = 26.11 dBV/m

HAC-RF Emission ANT2

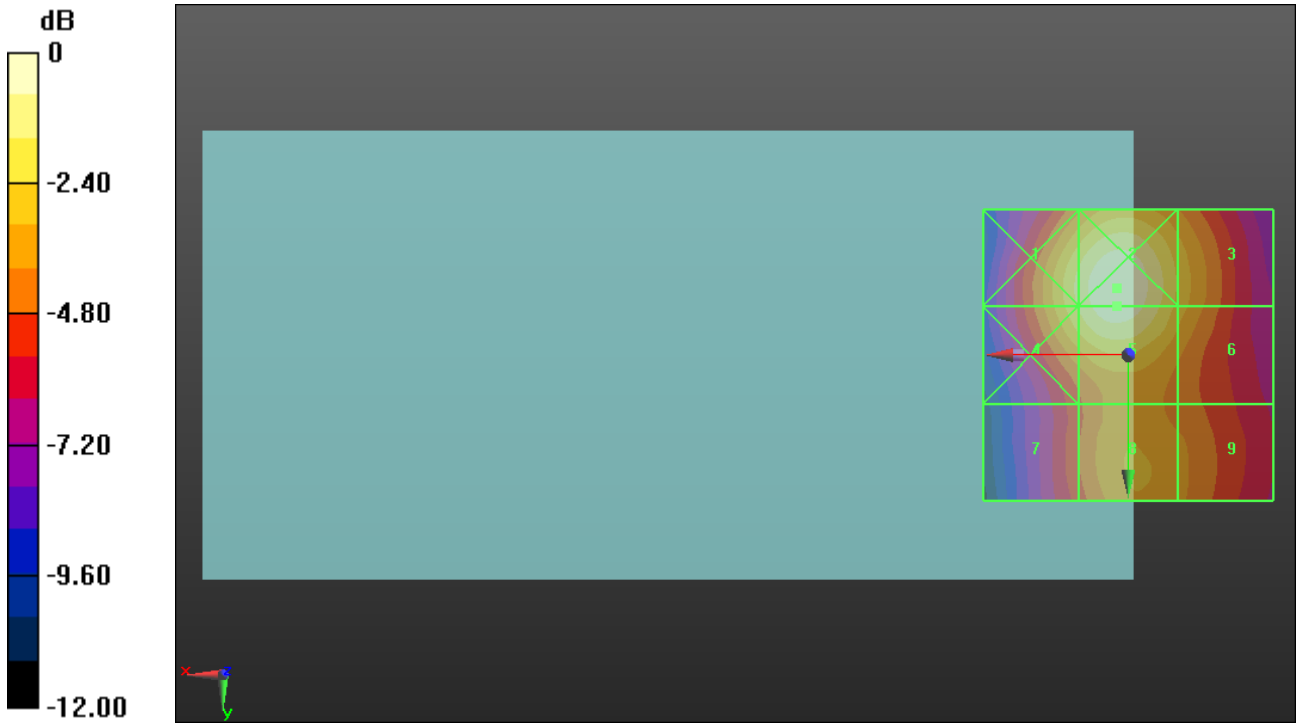
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 28.60 V/m; Power Drift = 0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.20 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.11 dBV/m**	Grid 2 **M4** **27.41 dBV/m**	Grid 3 **M4** **24.95 dBV/m**
Grid 4 **M4** **25.93 dBV/m**	Grid 5 **M4** **27.2 dBV/m**	Grid 6 **M4** **24.77 dBV/m**
Grid 7 **M4** **22.59 dBV/m**	Grid 8 **M4** **24.33 dBV/m**	Grid 9 **M4** **23.7 dBV/m**



0 dB = 23.47 V/m = 27.41 dBV/m

HAC-RF Emission ANT2

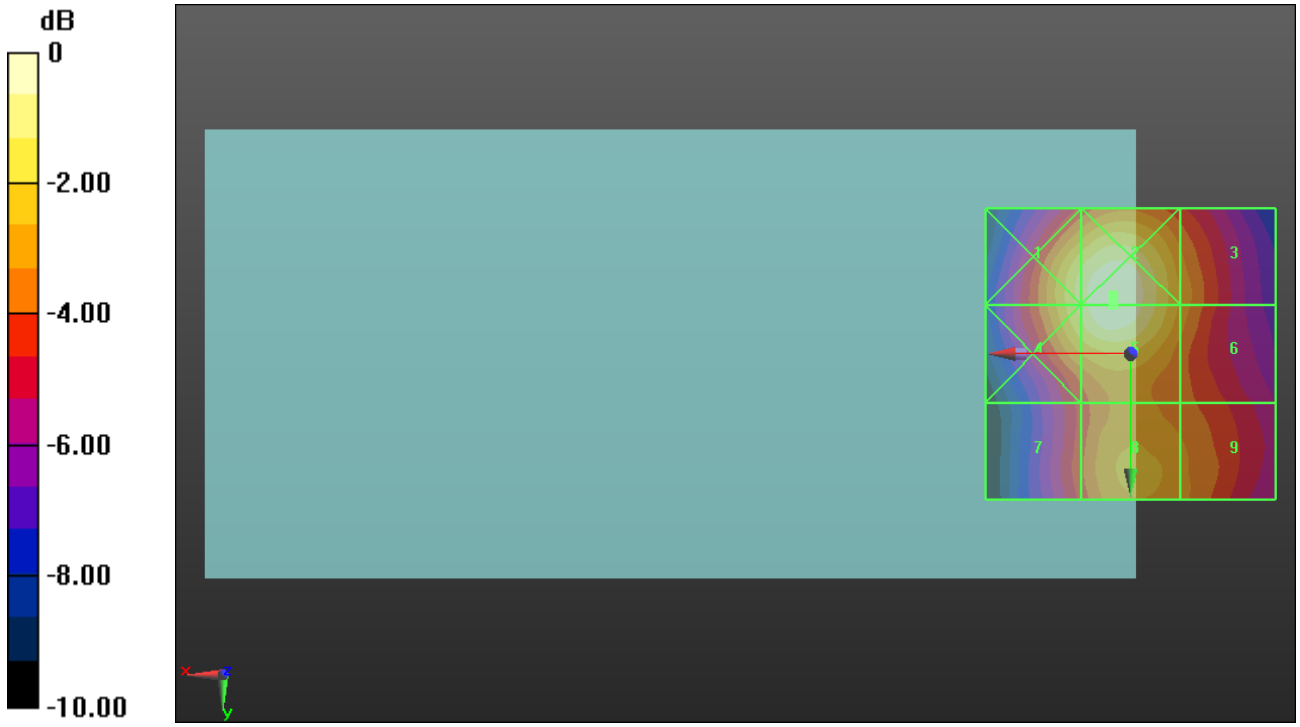
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 31.39 V/m; Power Drift = 0.00 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.58 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.65 dBV/m**	Grid 2 **M4** **27.62 dBV/m**	Grid 3 **M4** **24.93 dBV/m**
Grid 4 **M4** **26.61 dBV/m**	Grid 5 **M4** **27.58 dBV/m**	Grid 6 **M4** **24.88 dBV/m**
Grid 7 **M4** **23.52 dBV/m**	Grid 8 **M4** **25.15 dBV/m**	Grid 9 **M4** **24.55 dBV/m**



0 dB = 24.03 V/m = 27.62 dBV/m

HAC-RF Emission ANT2

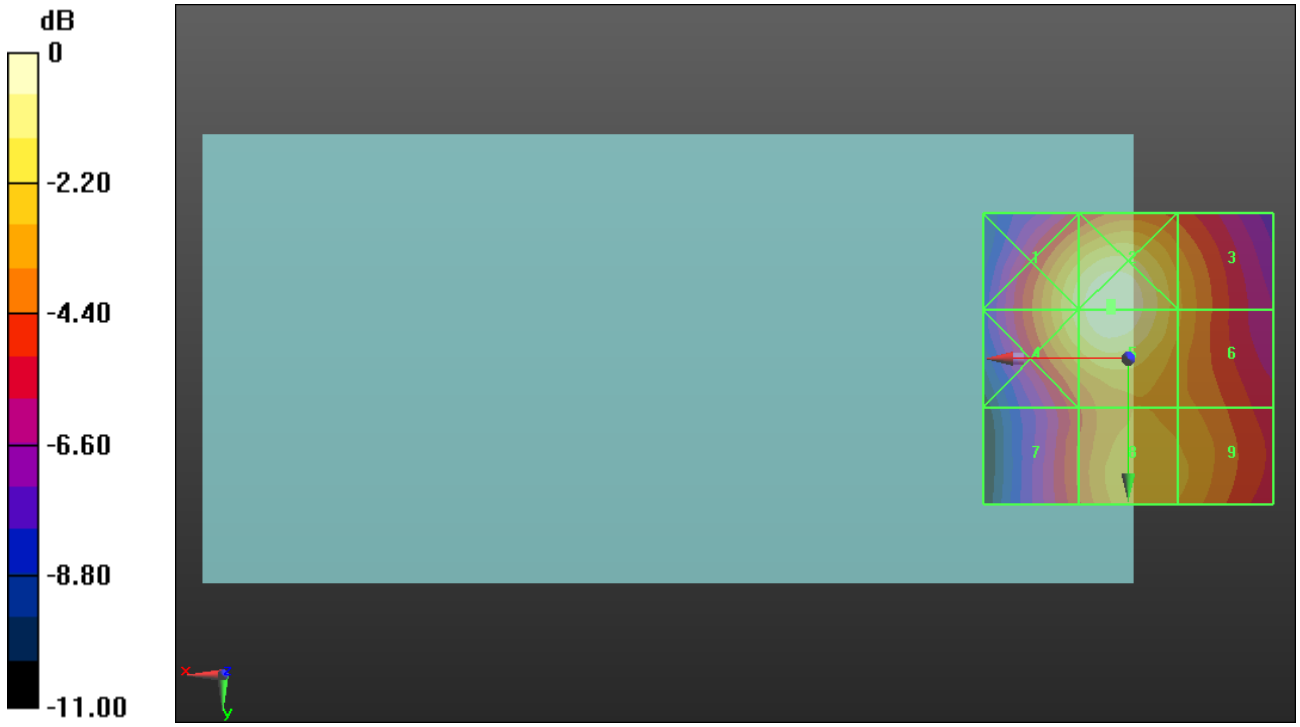
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 34.39 V/m; Power Drift = -0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 28.08 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.06 dBV/m**	Grid 2 **M4** **28.1 dBV/m**	Grid 3 **M4** **25.42 dBV/m**
Grid 4 **M4** **27.05 dBV/m**	Grid 5 **M4** **28.08 dBV/m**	Grid 6 **M4** **25.42 dBV/m**
Grid 7 **M4** **23.89 dBV/m**	Grid 8 **M4** **25.85 dBV/m**	Grid 9 **M4** **25.42 dBV/m**



0 dB = 25.41 V/m = 28.10 dBV/m

HAC-RF Emission ANT2

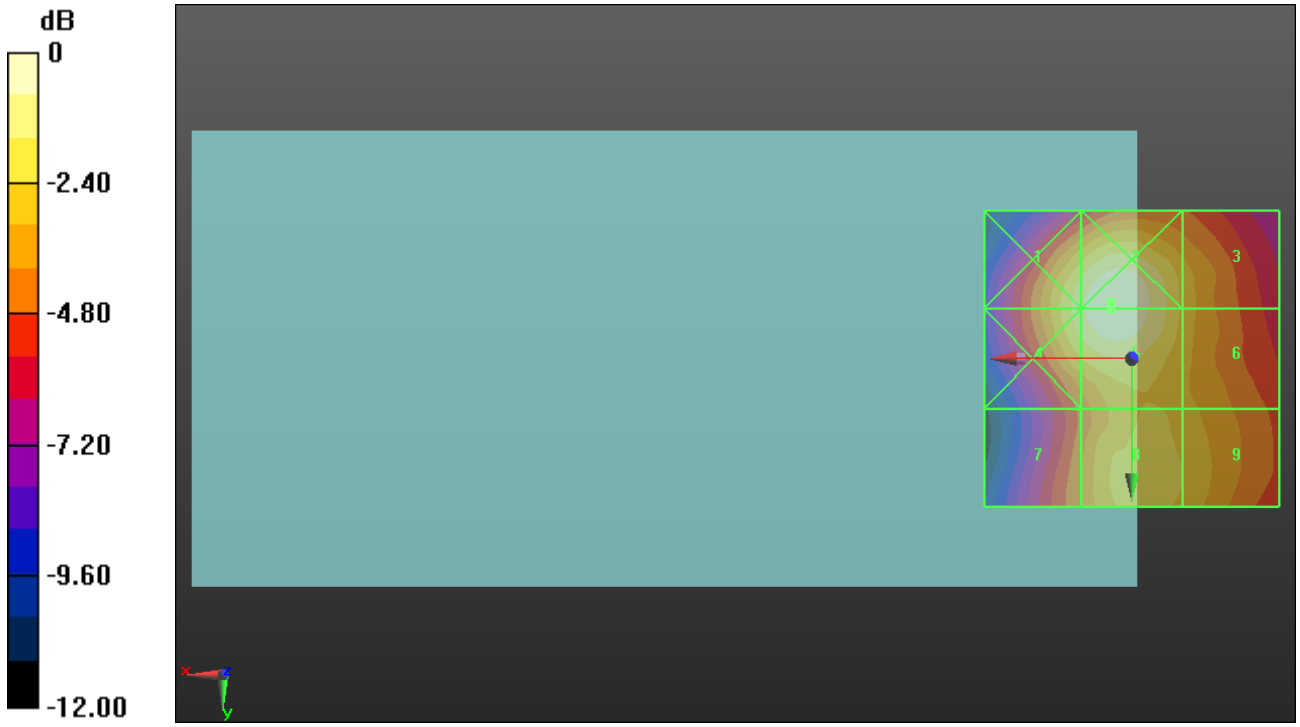
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 35.97 V/m; Power Drift = 0.10 dB
Applied MIF = -1.44 dB
RF audio interference level = 28.13 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.19 dBV/m**	Grid 2 **M4** **28.15 dBV/m**	Grid 3 **M4** **25.63 dBV/m**
Grid 4 **M4** **27.19 dBV/m**	Grid 5 **M4** **28.13 dBV/m**	Grid 6 **M4** **25.63 dBV/m**
Grid 7 **M4** **24.3 dBV/m**	Grid 8 **M4** **26.3 dBV/m**	Grid 9 **M4** **25.79 dBV/m**



0 dB = 25.57 V/m = 28.15 dBV/m

HAC-RF Emission ANT2

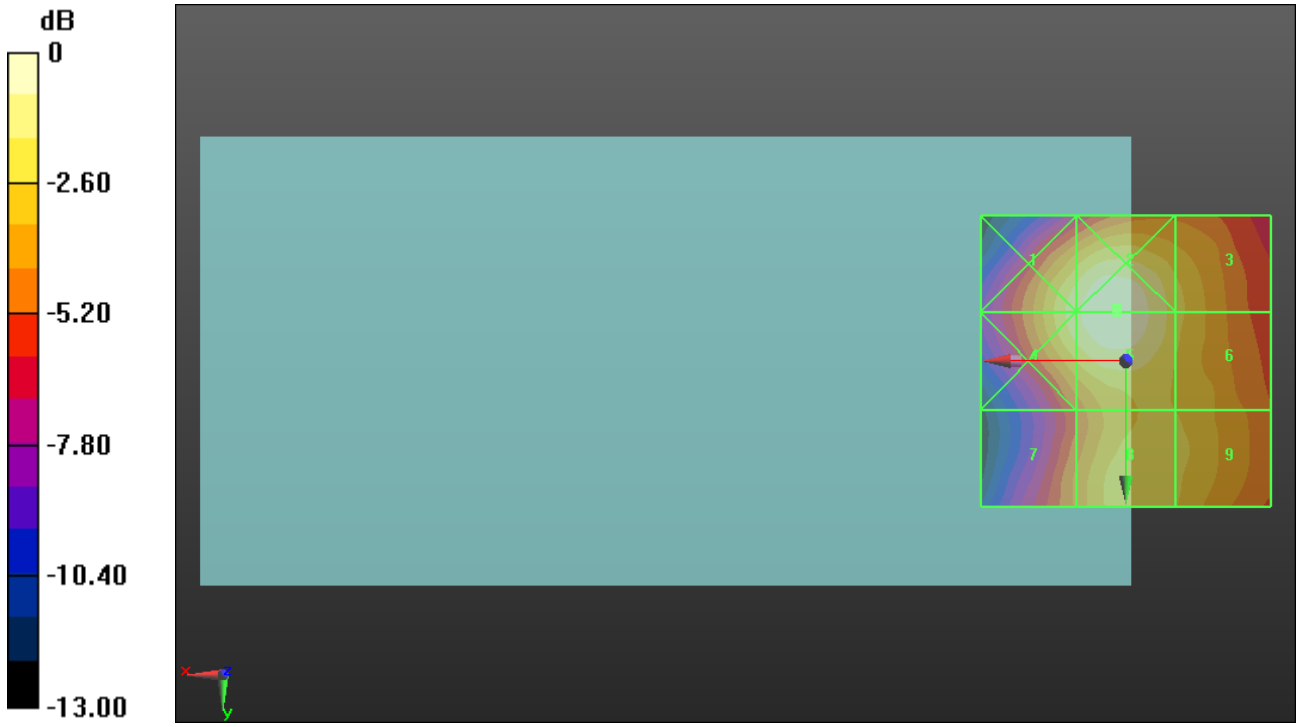
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 36.61 V/m; Power Drift = -0.00 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.70 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.64 dBV/m**	Grid 2 **M4** **27.7 dBV/m**	Grid 3 **M4** **25.54 dBV/m**
Grid 4 **M4** **26.64 dBV/m**	Grid 5 **M4** **27.7 dBV/m**	Grid 6 **M4** **25.54 dBV/m**
Grid 7 **M4** **23.64 dBV/m**	Grid 8 **M4** **25.96 dBV/m**	Grid 9 **M4** **25.41 dBV/m**



0 dB = 24.27 V/m = 27.70 dBV/m

HAC-RF Emission ANT2

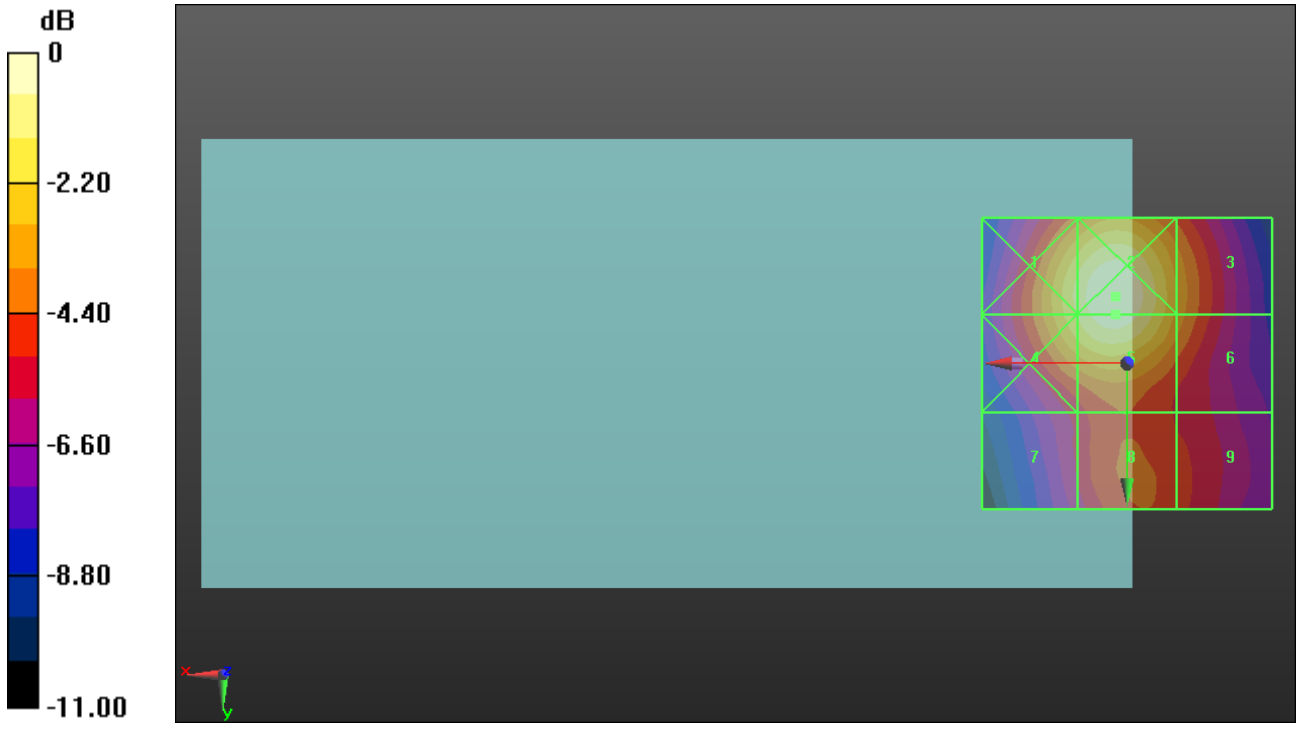
Communication System: UID 10235 - CAG, LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM); Frequency: 2489.2 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2489.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 26.59 V/m; Power Drift = -0.00 dB
Applied MIF = -1.44 dB
RF audio interference level = 26.64 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.67 dBV/m**	Grid 2 **M4** **26.87 dBV/m**	Grid 3 **M4** **23.94 dBV/m**
Grid 4 **M4** **25.5 dBV/m**	Grid 5 **M4** **26.64 dBV/m**	Grid 6 **M4** **23.77 dBV/m**
Grid 7 **M4** **21.42 dBV/m**	Grid 8 **M4** **22.63 dBV/m**	Grid 9 **M4** **22.1 dBV/m**



0 dB = 22.05 V/m = 26.87 dBV/m

HAC-RF Emission ANT3

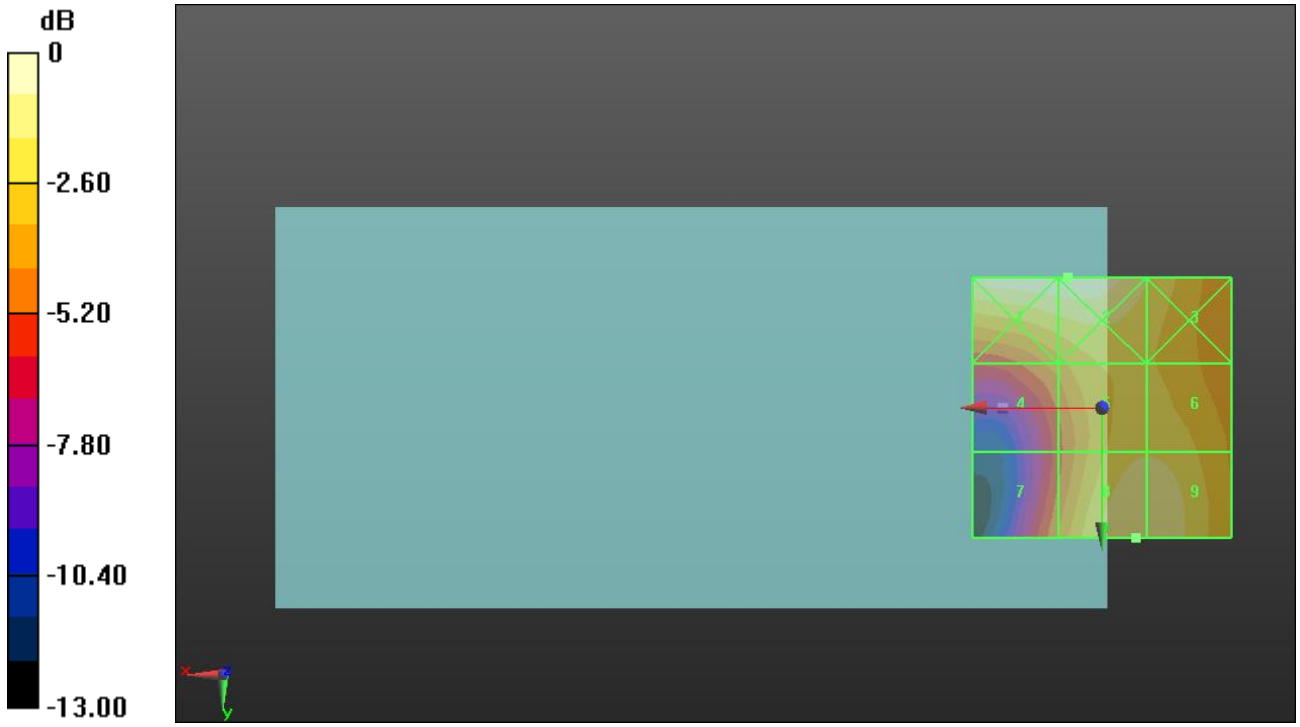
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 19.44 V/m; Power Drift = -0.11 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.05 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.94 dBV/m**	Grid 2 **M4** **29.96 dBV/m**	Grid 3 **M4** **28.31 dBV/m**
Grid 4 **M4** **26.14 dBV/m**	Grid 5 **M4** **28.16 dBV/m**	Grid 6 **M4** **28.16 dBV/m**
Grid 7 **M4** **25.71 dBV/m**	Grid 8 **M4** **29.05 dBV/m**	Grid 9 **M4** **28.98 dBV/m**



0 dB = 31.48 V/m = 29.96 dBV/m

HAC-RF Emission ANT3

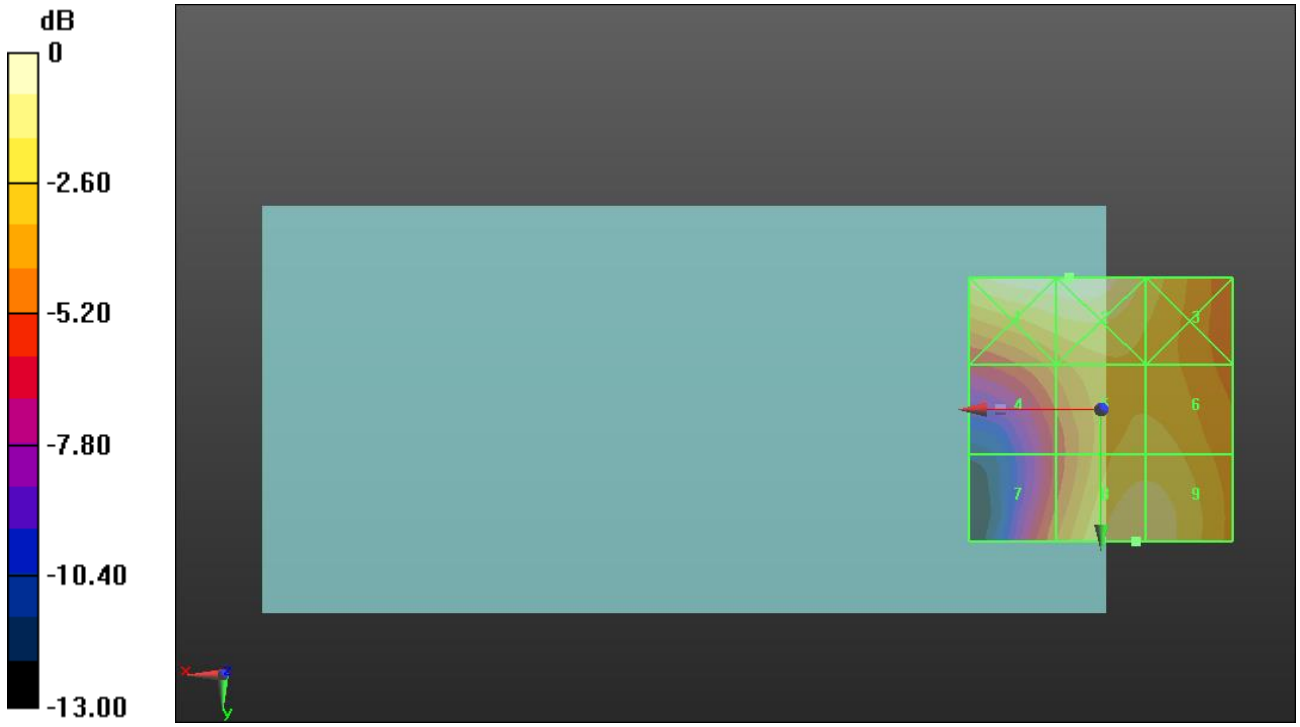
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 21.33 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.97 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **31.01 dBV/m**	Grid 2 **M3** **31.09 dBV/m**	Grid 3 **M4** **29.2 dBV/m**
Grid 4 **M4** **27.2 dBV/m**	Grid 5 **M4** **28.97 dBV/m**	Grid 6 **M4** **28.97 dBV/m**
Grid 7 **M4** **26.79 dBV/m**	Grid 8 **M4** **29.97 dBV/m**	Grid 9 **M4** **29.93 dBV/m**



0 dB = 35.85 V/m = 31.09 dBV/m

HAC-RF Emission ANT3

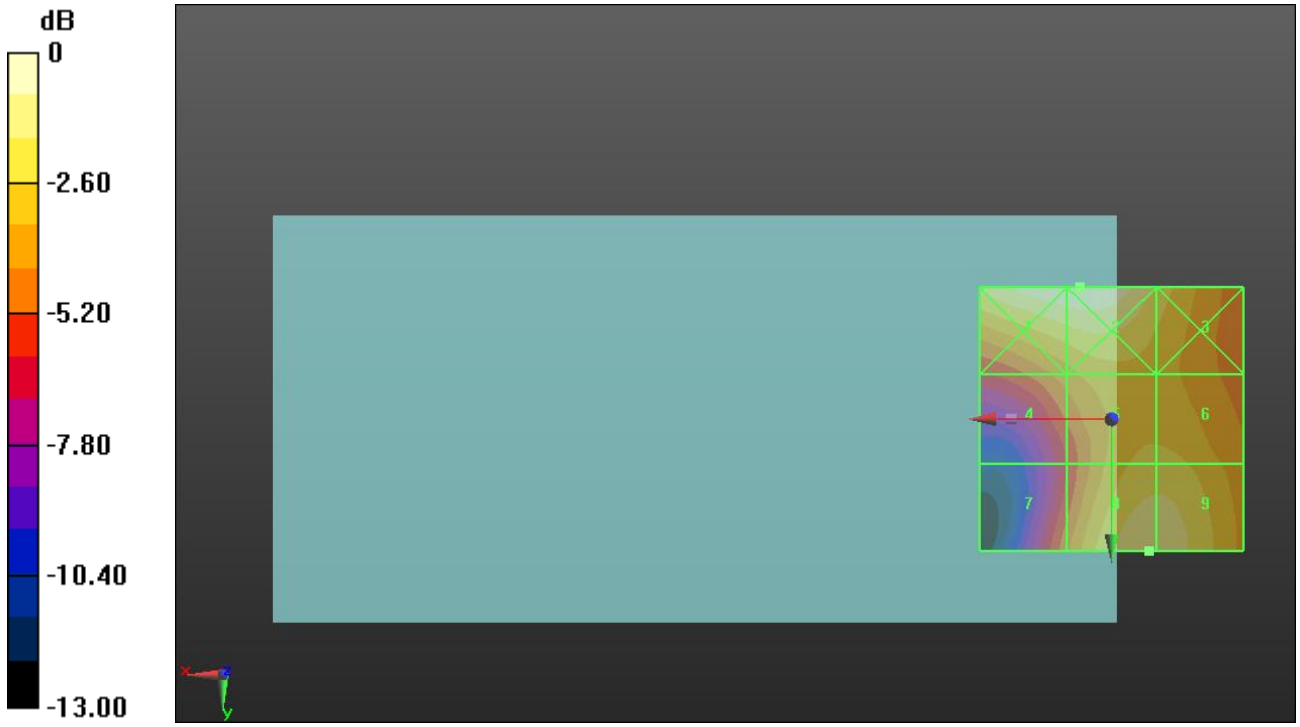
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 20.02 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.52 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **30.56 dBV/m**	Grid 2 **M3** **30.65 dBV/m**	Grid 3 **M4** **28.72 dBV/m**
Grid 4 **M4** **26.82 dBV/m**	Grid 5 **M4** **28.35 dBV/m**	Grid 6 **M4** **28.35 dBV/m**
Grid 7 **M4** **26.18 dBV/m**	Grid 8 **M4** **29.52 dBV/m**	Grid 9 **M4** **29.48 dBV/m**



0 dB = 34.07 V/m = 30.65 dBV/m

HAC-RF Emission ANT3

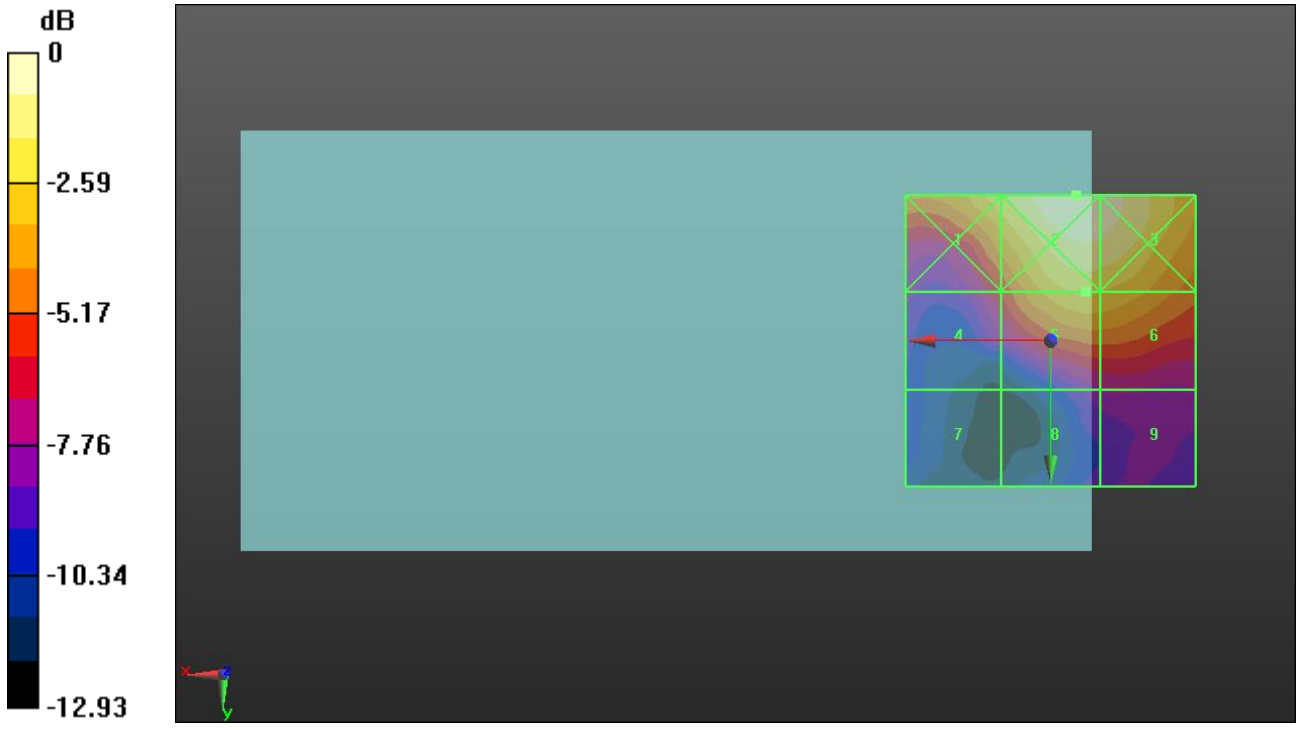
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 8.938 V/m; Power Drift = -0.16 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.26 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.76 dBV/m**	Grid 2 **M4** **21.66 dBV/m**	Grid 3 **M4** **21.34 dBV/m**
Grid 4 **M4** **15.75 dBV/m**	Grid 5 **M4** **19.26 dBV/m**	Grid 6 **M4** **19.11 dBV/m**
Grid 7 **M4** **12.23 dBV/m**	Grid 8 **M4** **13.81 dBV/m**	Grid 9 **M4** **14.09 dBV/m**



0 dB = 12.10 V/m = 21.66 dBV/m

HAC-RF Emission ANT3

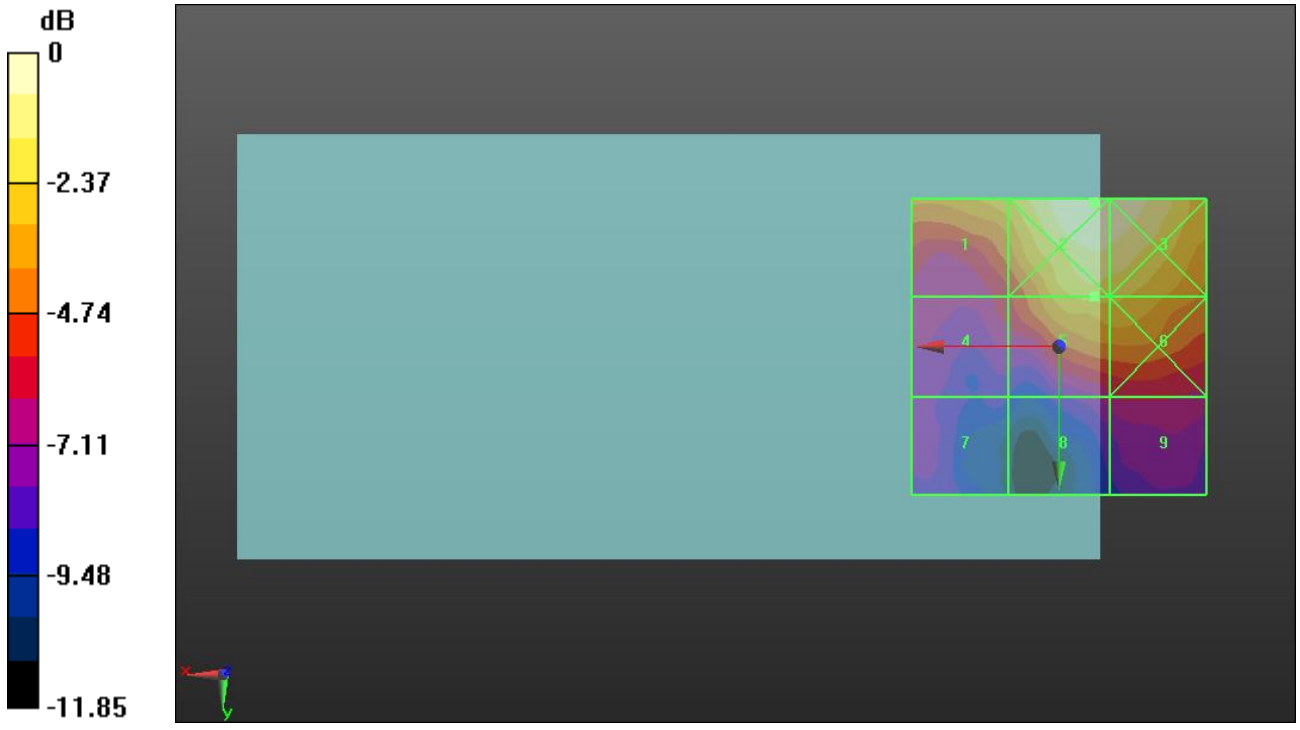
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 11.07 V/m; Power Drift = 0.09 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.70 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.47 dBV/m**	Grid 2 **M4** **22.77 dBV/m**	Grid 3 **M4** **22.63 dBV/m**
Grid 4 **M4** **17.13 dBV/m**	Grid 5 **M4** **20.7 dBV/m**	Grid 6 **M4** **20.59 dBV/m**
Grid 7 **M4** **15.38 dBV/m**	Grid 8 **M4** **16.22 dBV/m**	Grid 9 **M4** **16.62 dBV/m**



0 dB = 13.76 V/m = 22.77 dBV/m

HAC-RF Emission ANT3

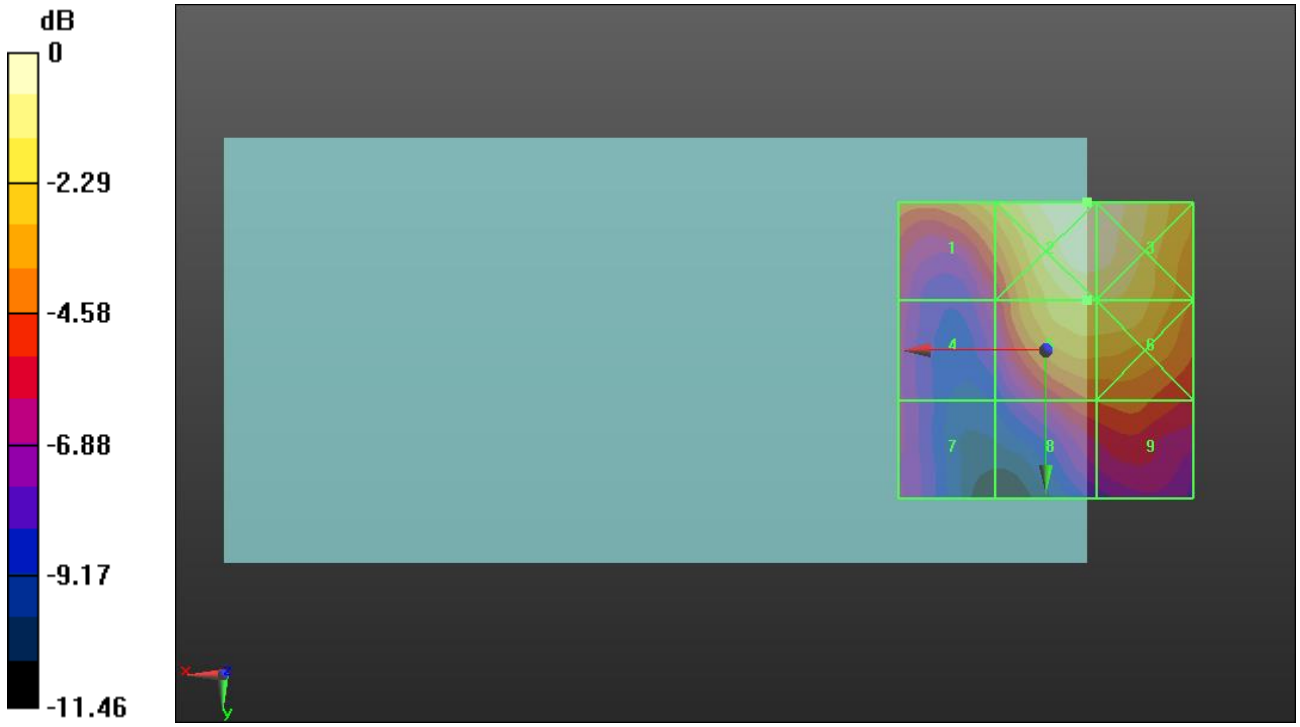
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 14.68 V/m; Power Drift = 0.09 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.45 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.52 dBV/m**	Grid 2 **M4** **23.85 dBV/m**	Grid 3 **M4** **23.82 dBV/m**
Grid 4 **M4** **17.96 dBV/m**	Grid 5 **M4** **22.45 dBV/m**	Grid 6 **M4** **22.43 dBV/m**
Grid 7 **M4** **17.38 dBV/m**	Grid 8 **M4** **19.33 dBV/m**	Grid 9 **M4** **19.64 dBV/m**



0 dB = 15.59 V/m = 23.86 dBV/m

HAC-RF Emission ANT3

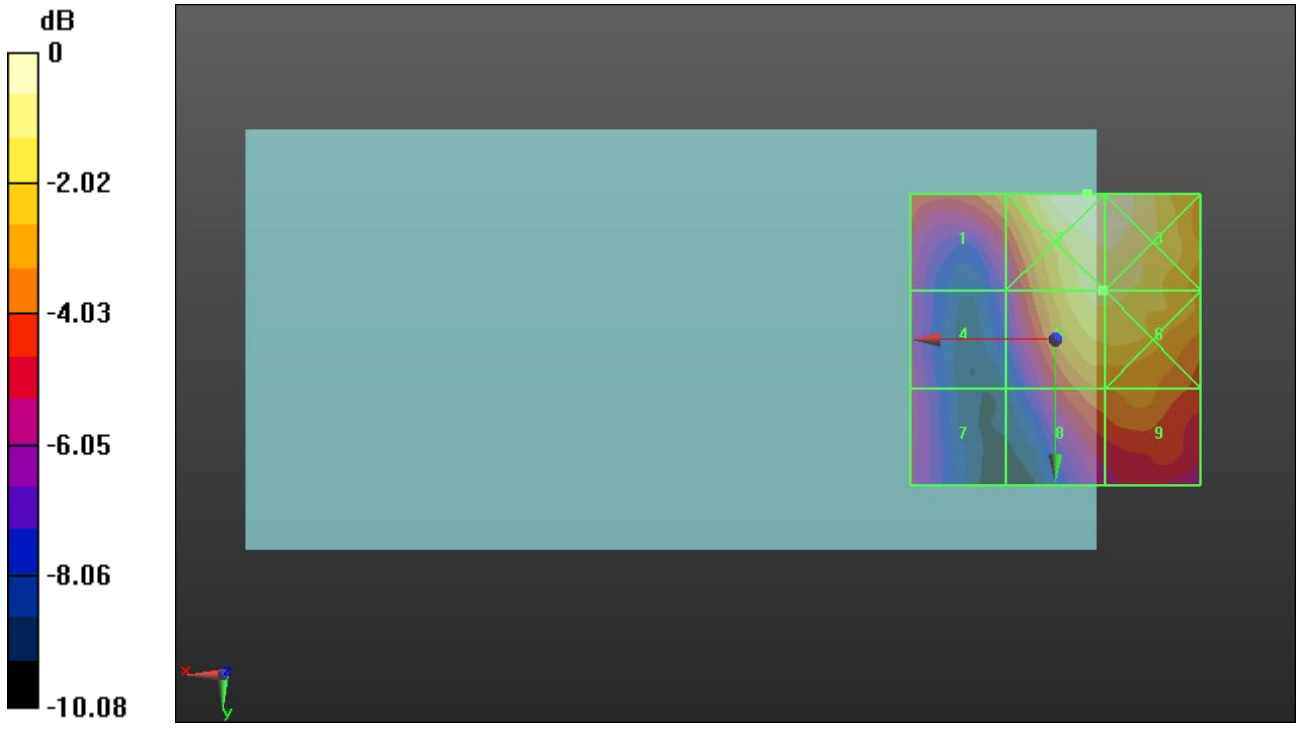
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 16.78 V/m; Power Drift = 0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.01 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.26 dBV/m**	Grid 2 **M4** **24.08 dBV/m**	Grid 3 **M4** **23.89 dBV/m**
Grid 4 **M4** **18.45 dBV/m**	Grid 5 **M4** **23.01 dBV/m**	Grid 6 **M4** **23.01 dBV/m**
Grid 7 **M4** **18.44 dBV/m**	Grid 8 **M4** **20.7 dBV/m**	Grid 9 **M4** **21.11 dBV/m**



0 dB = 16.00 V/m = 24.08 dBV/m

HAC-RF Emission ANT3

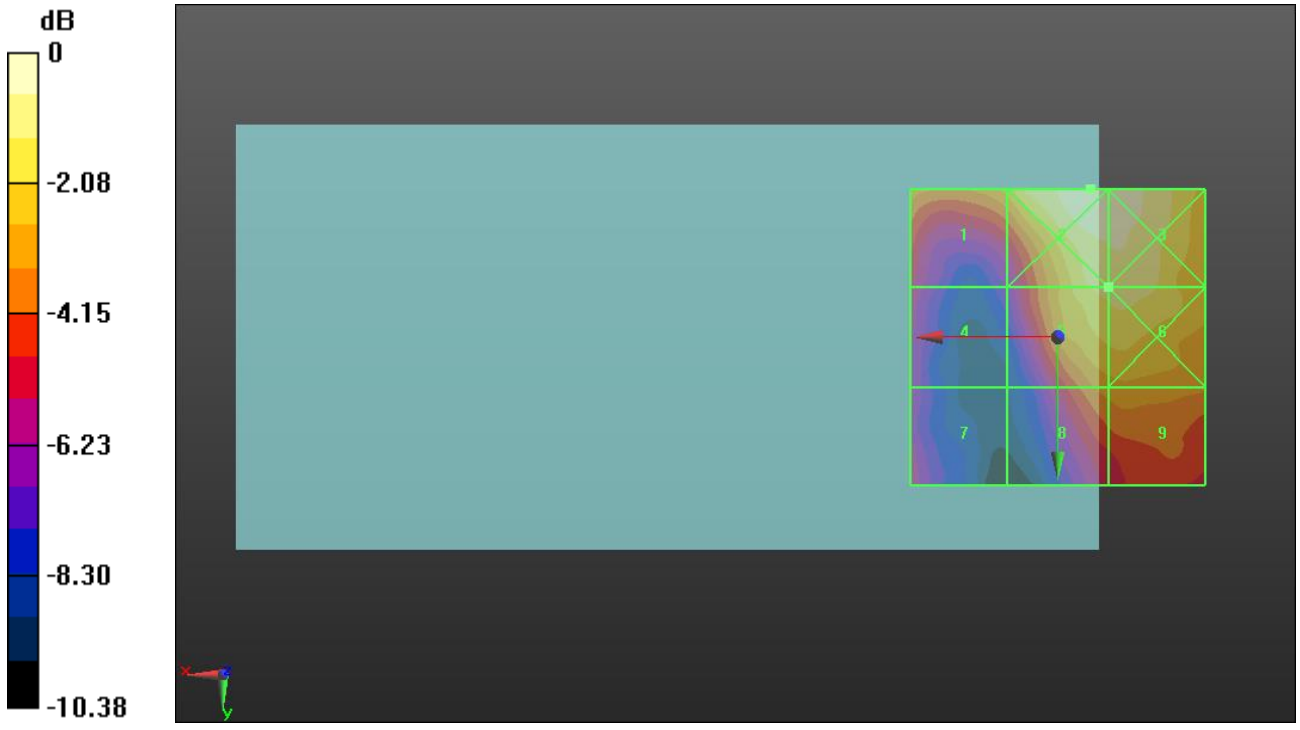
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 15.47 V/m; Power Drift = -0.20 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.54 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.26 dBV/m**	Grid 2 **M4** **23.73 dBV/m**	Grid 3 **M4** **23.5 dBV/m**
Grid 4 **M4** **18.42 dBV/m**	Grid 5 **M4** **22.54 dBV/m**	Grid 6 **M4** **22.69 dBV/m**
Grid 7 **M4** **18.24 dBV/m**	Grid 8 **M4** **20.61 dBV/m**	Grid 9 **M4** **20.81 dBV/m**



0 dB = 15.37 V/m = 23.73 dBV/m

HAC-RF Emission ANT3

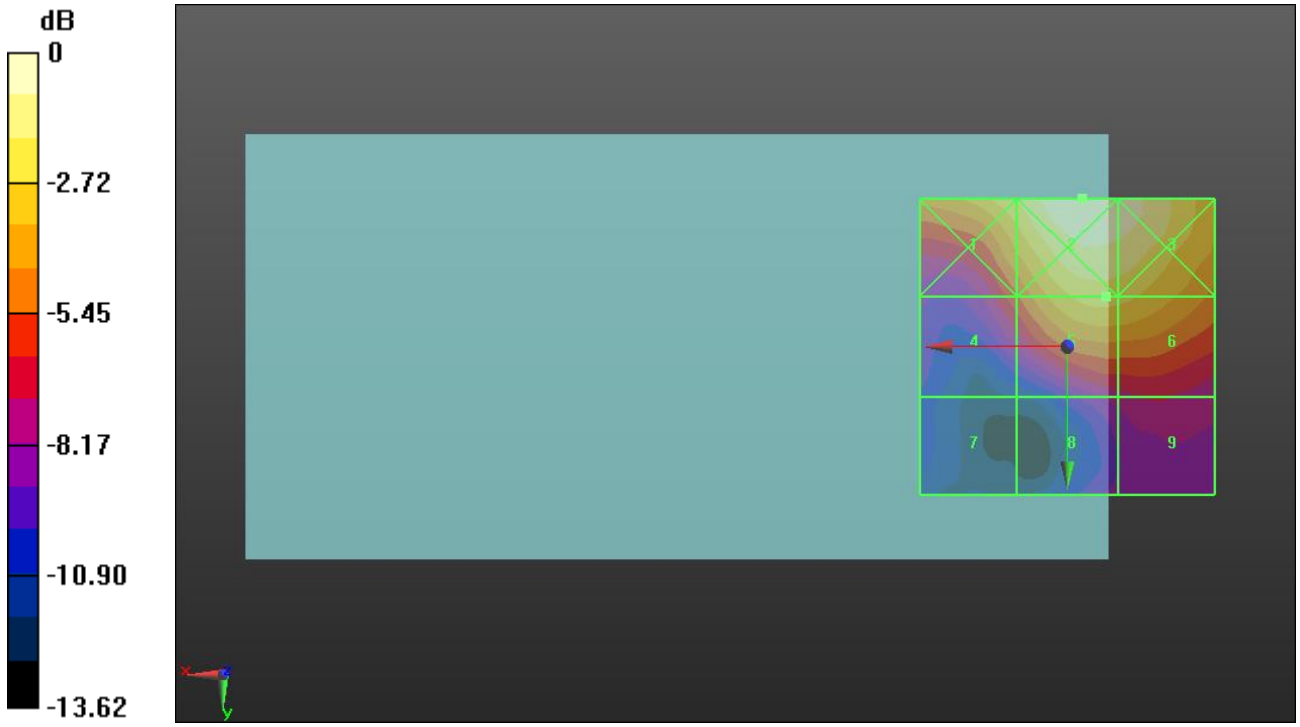
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 13.48 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.53 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.18 dBV/m**	Grid 2 **M4** **24.86 dBV/m**	Grid 3 **M4** **24.62 dBV/m**
Grid 4 **M4** **19.32 dBV/m**	Grid 5 **M4** **22.53 dBV/m**	Grid 6 **M4** **22.44 dBV/m**
Grid 7 **M4** **14.72 dBV/m**	Grid 8 **M4** **17.18 dBV/m**	Grid 9 **M4** **17.77 dBV/m**



0 dB = 17.50 V/m = 24.86 dBV/m

HAC-RF Emission ANT3

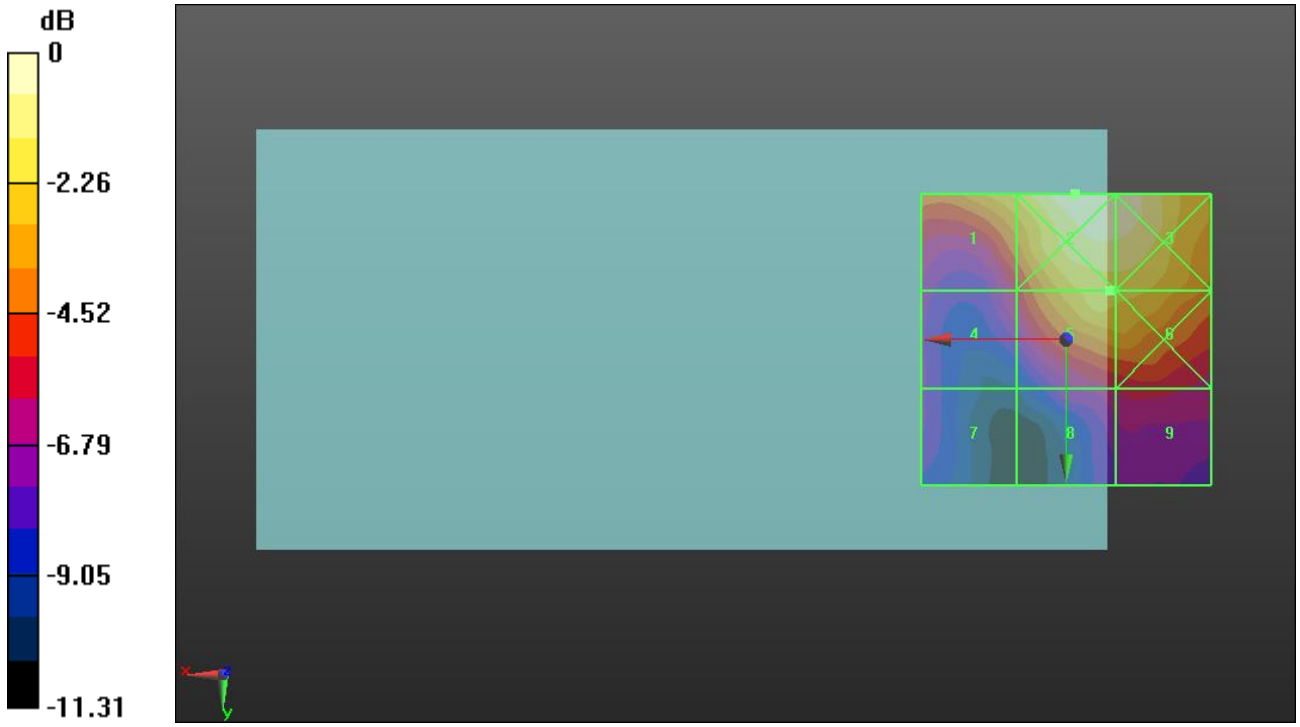
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 17.46 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.18 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.11 dBV/m**	Grid 2 **M4** **26.07 dBV/m**	Grid 3 **M4** **25.99 dBV/m**
Grid 4 **M4** **20.4 dBV/m**	Grid 5 **M4** **24.18 dBV/m**	Grid 6 **M4** **24.16 dBV/m**
Grid 7 **M4** **18.79 dBV/m**	Grid 8 **M4** **20.12 dBV/m**	Grid 9 **M4** **20.45 dBV/m**



0 dB = 20.12 V/m = 26.07 dBV/m

HAC-RF Emission ANT3

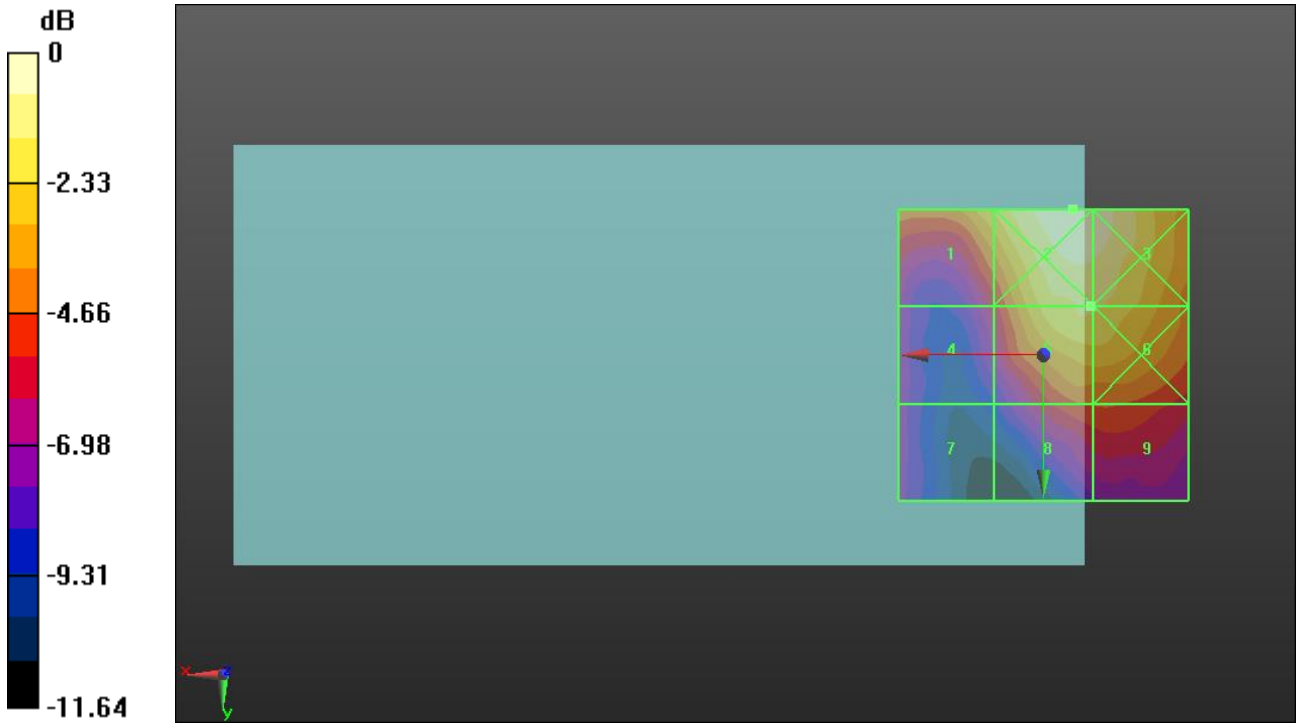
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 21.96 V/m; Power Drift = 0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.53 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.82 dBV/m**	Grid 2 **M4** **26.98 dBV/m**	Grid 3 **M4** **26.71 dBV/m**
Grid 4 **M4** **21.22 dBV/m**	Grid 5 **M4** **25.53 dBV/m**	Grid 6 **M4** **25.52 dBV/m**
Grid 7 **M4** **19.88 dBV/m**	Grid 8 **M4** **22.38 dBV/m**	Grid 9 **M4** **22.42 dBV/m**



0 dB = 22.33 V/m = 26.98 dBV/m

HAC-RF Emission ANT3

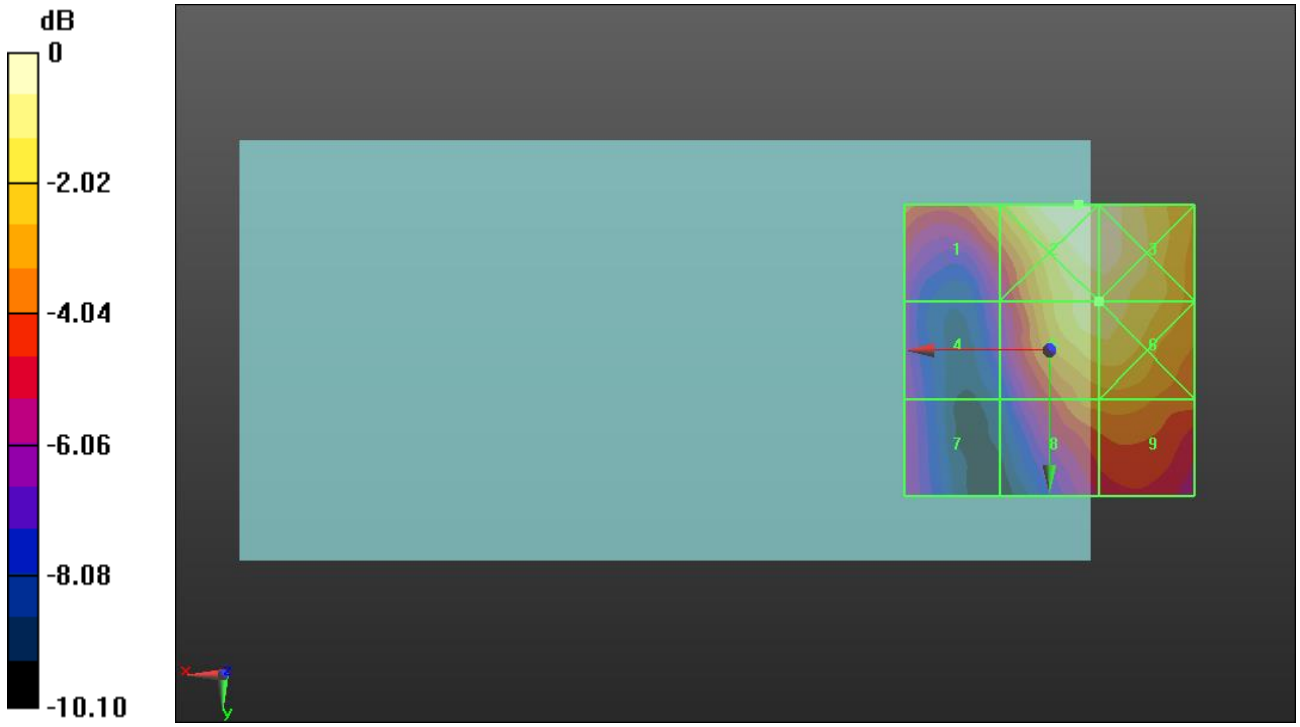
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 23.79 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.99 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.61 dBV/m**	Grid 2 **M4** **26.87 dBV/m**	Grid 3 **M4** **26.78 dBV/m**
Grid 4 **M4** **21.05 dBV/m**	Grid 5 **M4** **25.99 dBV/m**	Grid 6 **M4** **26.01 dBV/m**
Grid 7 **M4** **21.1 dBV/m**	Grid 8 **M4** **23.82 dBV/m**	Grid 9 **M4** **23.92 dBV/m**



0 dB = 22.05 V/m = 26.87 dBV/m

HAC-RF Emission ANT3

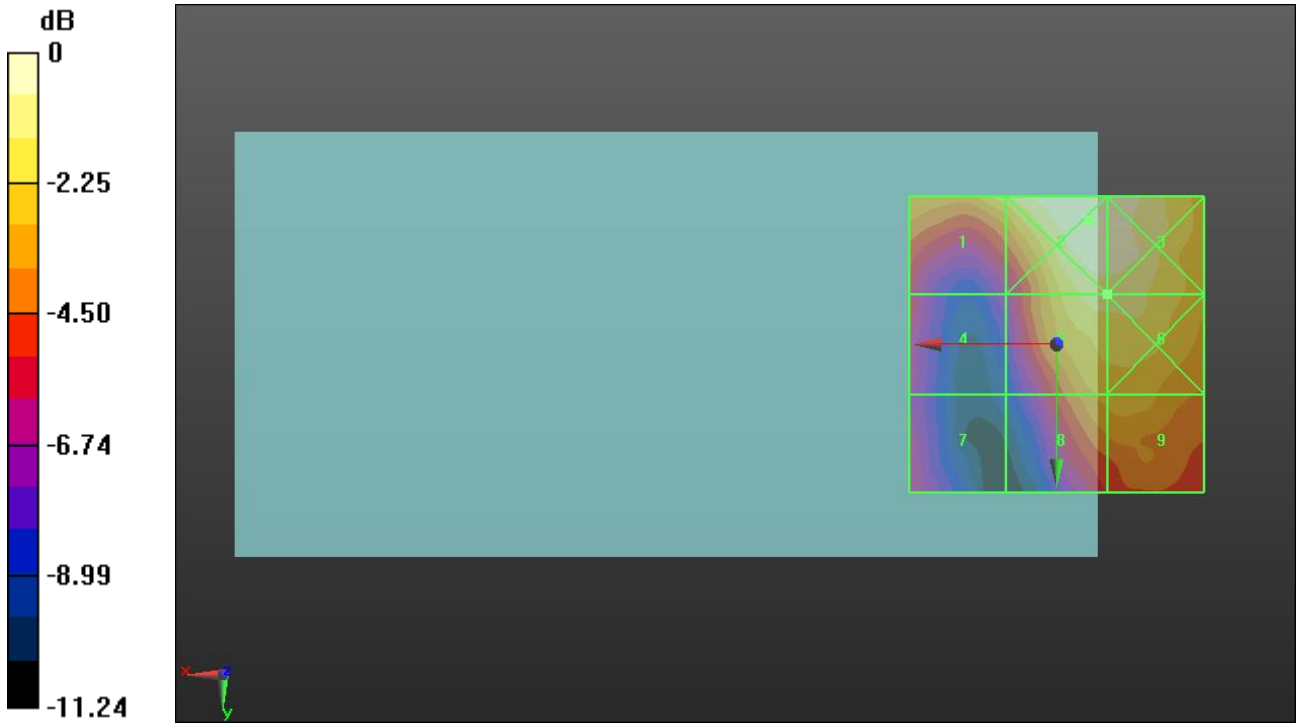
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 22.12 V/m; Power Drift = -0.14 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.42 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.94 dBV/m**	Grid 2 **M4** **26.51 dBV/m**	Grid 3 **M4** **26.34 dBV/m**
Grid 4 **M4** **21.19 dBV/m**	Grid 5 **M4** **25.42 dBV/m**	Grid 6 **M4** **25.44 dBV/m**
Grid 7 **M4** **20.66 dBV/m**	Grid 8 **M4** **23.82 dBV/m**	Grid 9 **M4** **23.99 dBV/m**



0 dB = 21.17 V/m = 26.51 dBV/m

HAC-RF Emission ANT3

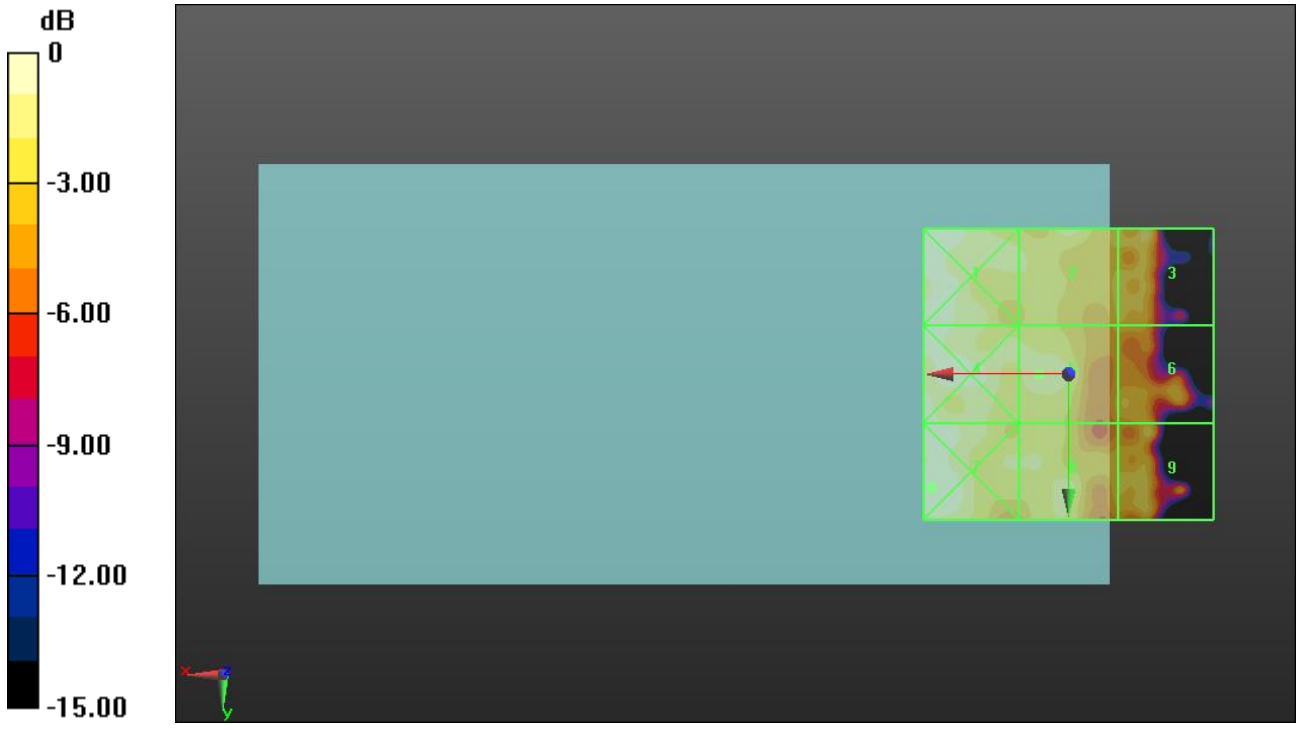
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 4.912 V/m; Power Drift = 0.10 dB
Applied MIF = -2.02 dB
RF audio interference level = 11.08 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **12.16 dBV/m**	Grid 2 **M4** **10.96 dBV/m**	Grid 3 **M4** **10.55 dBV/m**
Grid 4 **M4** **12.25 dBV/m**	Grid 5 **M4** **11.08 dBV/m**	Grid 6 **M4** **9.39 dBV/m**
Grid 7 **M4** **12.26 dBV/m**	Grid 8 **M4** **11.04 dBV/m**	Grid 9 **M4** **10.23 dBV/m**



0 dB = 4.102 V/m = 12.26 dBV/m

HAC-RF Emission ANT3

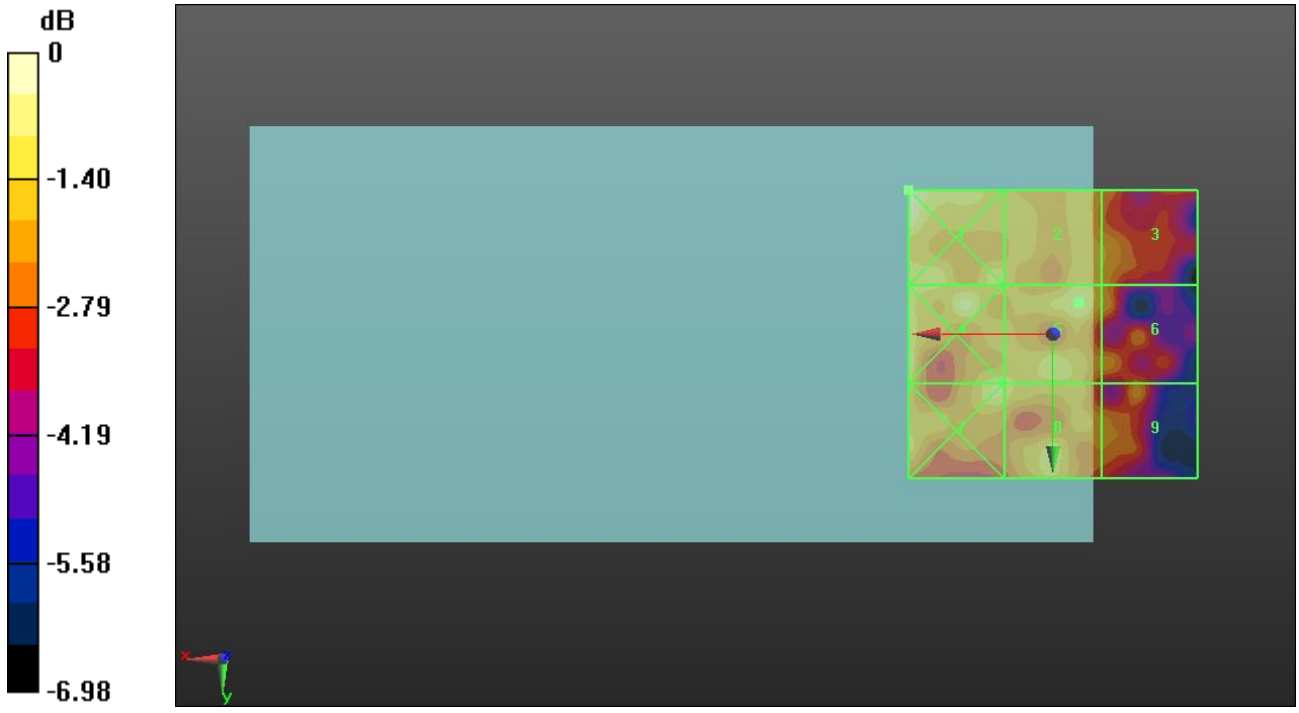
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 4.428 V/m; Power Drift = -0.05 dB
Applied MIF = -2.02 dB
RF audio interference level = 11.64 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **12.42 dBV/m**	Grid 2 **M4** **11.1 dBV/m**	Grid 3 **M4** **10.64 dBV/m**
Grid 4 **M4** **11.9 dBV/m**	Grid 5 **M4** **11.64 dBV/m**	Grid 6 **M4** **10.65 dBV/m**
Grid 7 **M4** **11.61 dBV/m**	Grid 8 **M4** **11.44 dBV/m**	Grid 9 **M4** **10.4 dBV/m**



0 dB = 4.177 V/m = 12.42 dBV/m

HAC-RF Emission ANT3

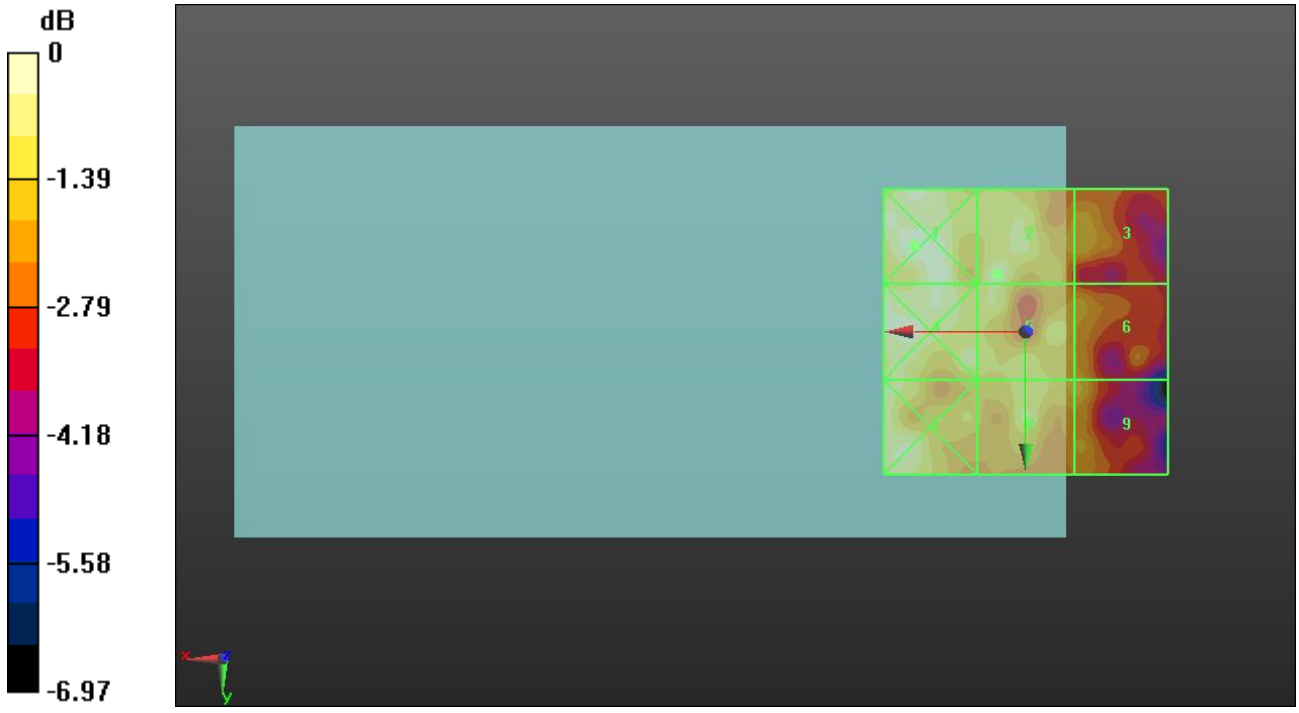
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 5.105 V/m; Power Drift = 0.24 dB
Applied MIF = -2.02 dB
RF audio interference level = 12.63 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.19 dBV/m**	Grid 2 **M4** **12.63 dBV/m**	Grid 3 **M4** **11.8 dBV/m**
Grid 4 **M4** **12.95 dBV/m**	Grid 5 **M4** **12.43 dBV/m**	Grid 6 **M4** **11.82 dBV/m**
Grid 7 **M4** **12.84 dBV/m**	Grid 8 **M4** **12.4 dBV/m**	Grid 9 **M4** **11.96 dBV/m**



0 dB = 4.563 V/m = 13.19 dBV/m

HAC-RF Emission ANT3

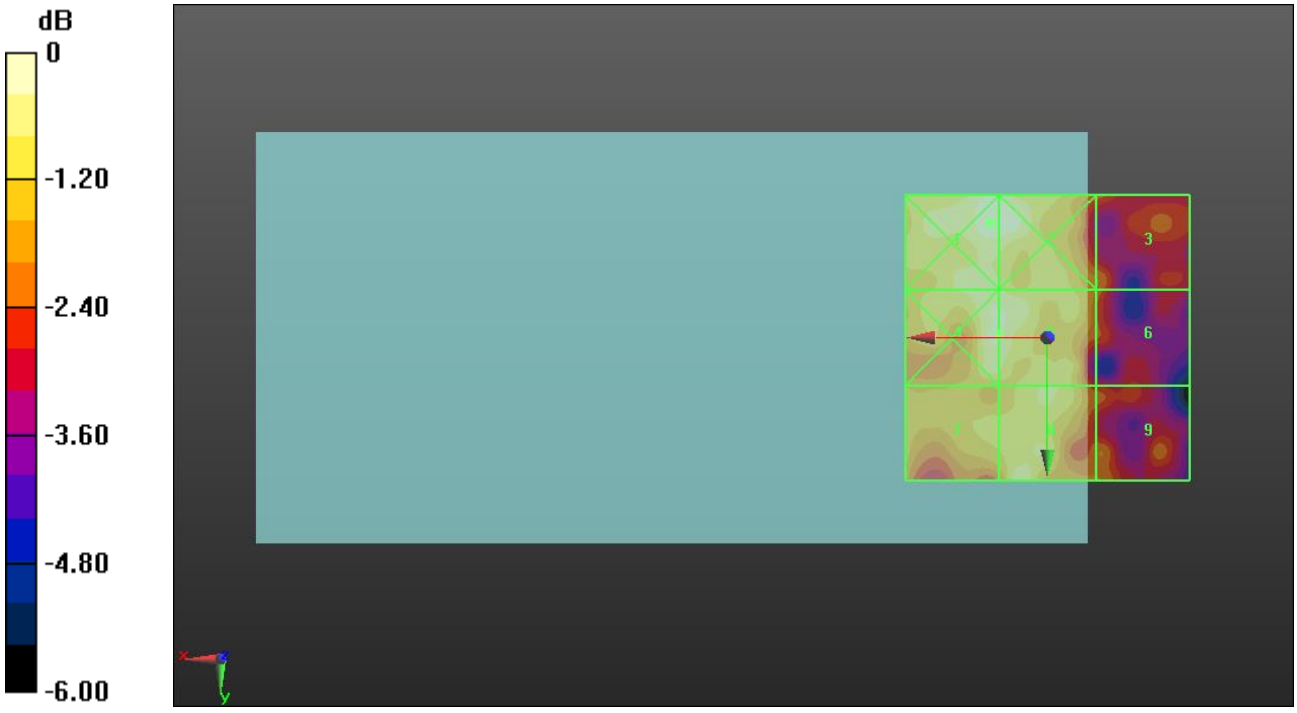
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 4.939 V/m; Power Drift = 0.05 dB
Applied MIF = 0.12 dB
RF audio interference level = 14.78 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.08 dBV/m**	Grid 2 **M4** **15.02 dBV/m**	Grid 3 **M4** **13.17 dBV/m**
Grid 4 **M4** **14.81 dBV/m**	Grid 5 **M4** **14.78 dBV/m**	Grid 6 **M4** **13.09 dBV/m**
Grid 7 **M4** **14.02 dBV/m**	Grid 8 **M4** **14.7 dBV/m**	Grid 9 **M4** **13.14 dBV/m**



0 dB = 5.674 V/m = 15.08 dBV/m

HAC-RF Emission ANT3

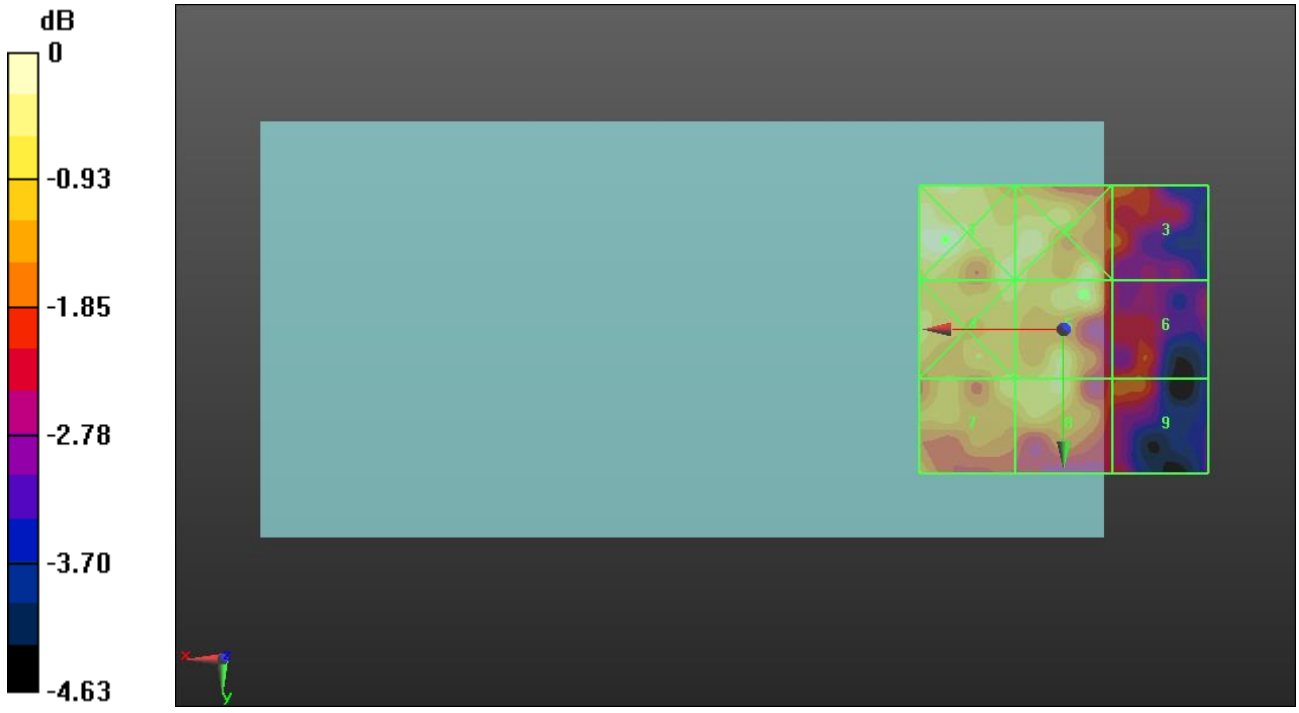
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 4.734 V/m; Power Drift = 0.16 dB
Applied MIF = 0.12 dB
RF audio interference level = 14.45 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.94 dBV/m**	Grid 2 **M4** **14.61 dBV/m**	Grid 3 **M4** **13.32 dBV/m**
Grid 4 **M4** **14.36 dBV/m**	Grid 5 **M4** **14.45 dBV/m**	Grid 6 **M4** **13.17 dBV/m**
Grid 7 **M4** **14.21 dBV/m**	Grid 8 **M4** **14.43 dBV/m**	Grid 9 **M4** **13.26 dBV/m**



0 dB = 5.587 V/m = 14.94 dBV/m

HAC-RF Emission ANT3

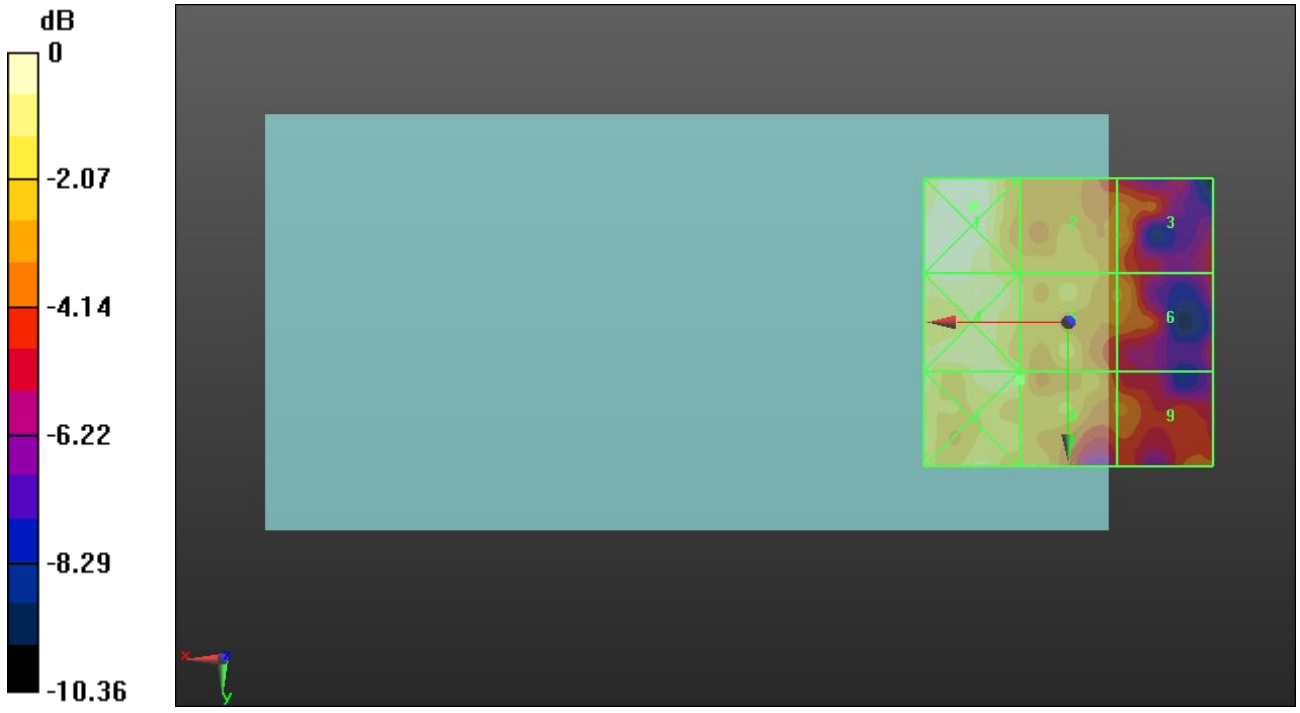
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 5.013 V/m; Power Drift = 0.23 dB
Applied MIF = 0.12 dB
RF audio interference level = 12.78 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.25 dBV/m**	Grid 2 **M4** **12.04 dBV/m**	Grid 3 **M4** **11.54 dBV/m**
Grid 4 **M4** **13.95 dBV/m**	Grid 5 **M4** **12.49 dBV/m**	Grid 6 **M4** **11.61 dBV/m**
Grid 7 **M4** **13.56 dBV/m**	Grid 8 **M4** **12.78 dBV/m**	Grid 9 **M4** **10.94 dBV/m**



0 dB = 5.155 V/m = 14.24 dBV/m

HAC-RF Emission ANT4

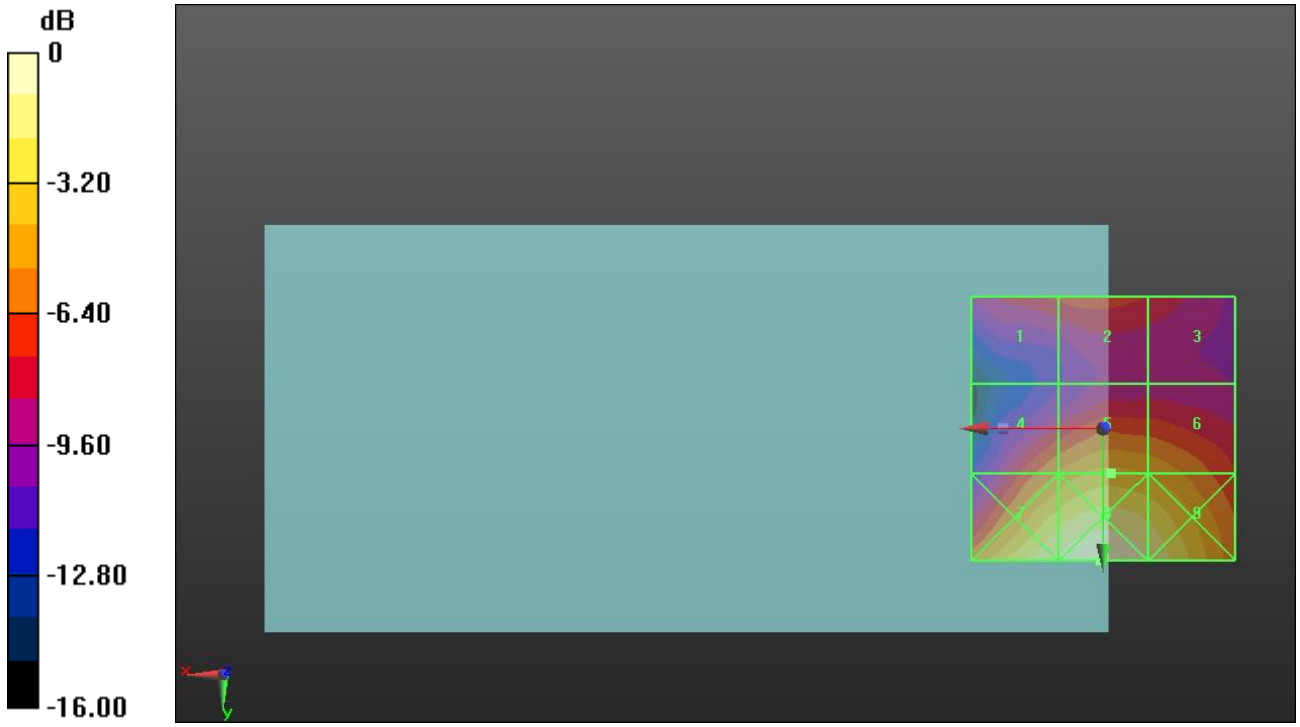
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 16.28 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.25 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25 dBV/m**	Grid 2 **M4** **25.34 dBV/m**	Grid 3 **M4** **24.62 dBV/m**
Grid 4 **M4** **26.94 dBV/m**	Grid 5 **M4** **28.25 dBV/m**	Grid 6 **M4** **27.79 dBV/m**
Grid 7 **M3** **31.37 dBV/m**	Grid 8 **M3** **32.14 dBV/m**	Grid 9 **M3** **31.11 dBV/m**



0 dB = 40.45 V/m = 32.14 dBV/m

HAC-RF Emission ANT4

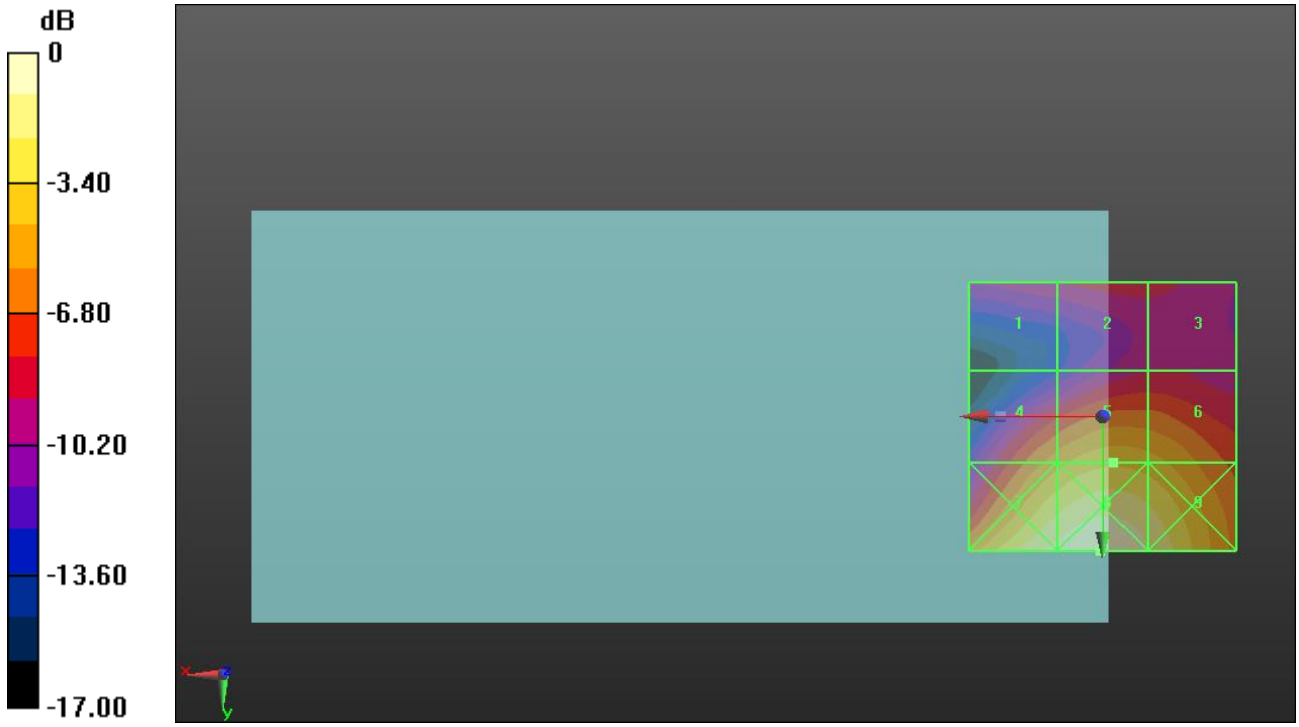
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 20.64 V/m; Power Drift = -0.09 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.94 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.52 dBV/m**	Grid 2 **M4** **25.21 dBV/m**	Grid 3 **M4** **25.06 dBV/m**
Grid 4 **M4** **28.6 dBV/m**	Grid 5 **M4** **29.94 dBV/m**	Grid 6 **M4** **29.56 dBV/m**
Grid 7 **M3** **32.83 dBV/m**	Grid 8 **M3** **33.57 dBV/m**	Grid 9 **M3** **32.5 dBV/m**



0 dB = 47.69 V/m = 33.57 dBV/m

HAC-RF Emission ANT4

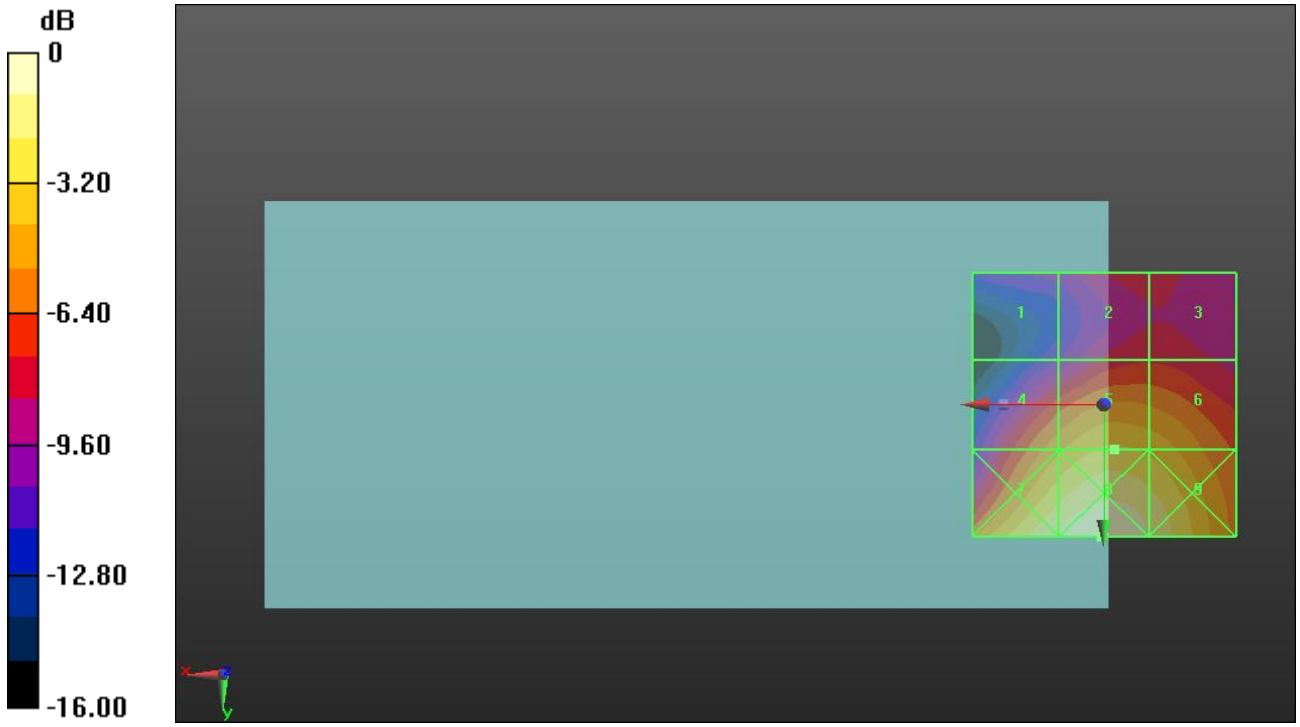
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.6896
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 19.39 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 28.93 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.24 dBV/m**	Grid 2 **M4** **24.37 dBV/m**	Grid 3 **M4** **24.36 dBV/m**
Grid 4 **M4** **27.49 dBV/m**	Grid 5 **M4** **28.93 dBV/m**	Grid 6 **M4** **28.53 dBV/m**
Grid 7 **M3** **31.16 dBV/m**	Grid 8 **M3** **31.94 dBV/m**	Grid 9 **M3** **30.91 dBV/m**



0 dB = 39.54 V/m = 31.94 dBV/m

HAC-RF Emission ANT4

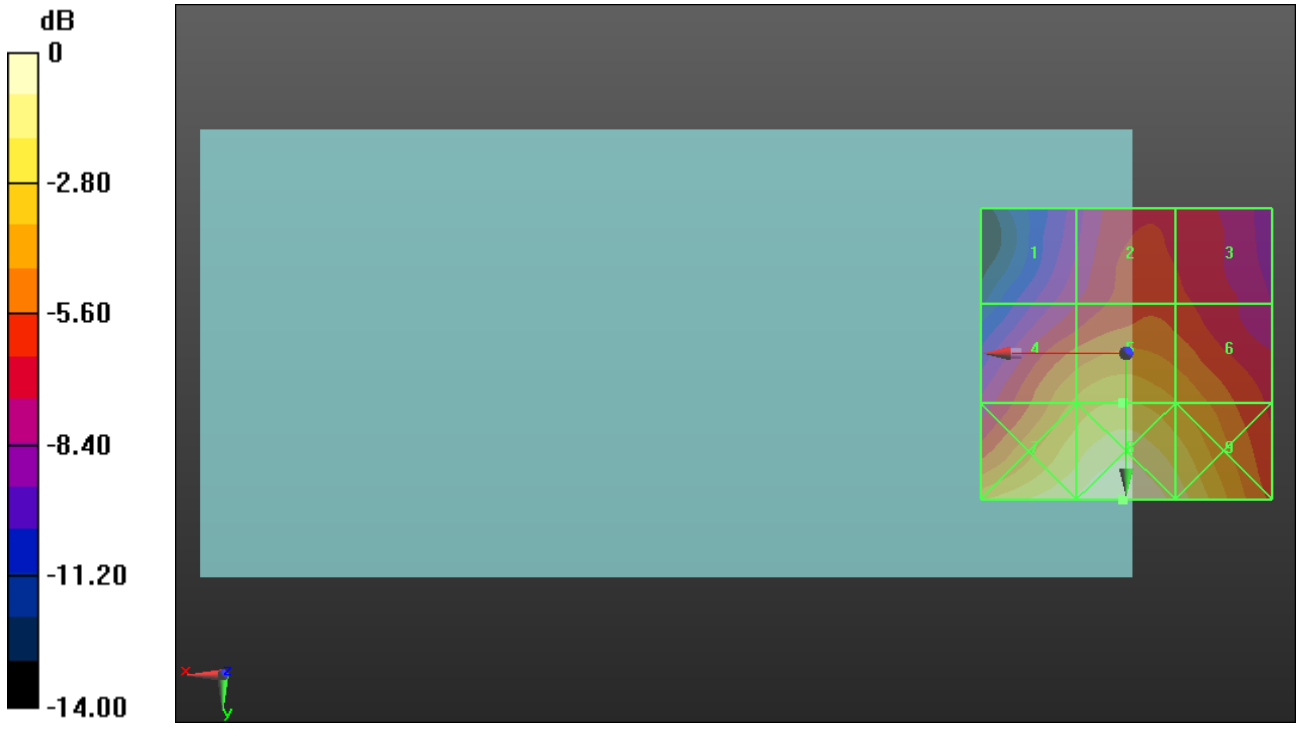
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 15.45 V/m; Power Drift = -0.20 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.85 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.12 dBV/m**	Grid 2 **M4** **18.73 dBV/m**	Grid 3 **M4** **18.39 dBV/m**
Grid 4 **M4** **21.06 dBV/m**	Grid 5 **M4** **21.85 dBV/m**	Grid 6 **M4** **20.87 dBV/m**
Grid 7 **M4** **23.8 dBV/m**	Grid 8 **M4** **24.55 dBV/m**	Grid 9 **M4** **23.26 dBV/m**



0 dB = 16.88 V/m = 24.55 dBV/m

HAC-RF Emission ANT4

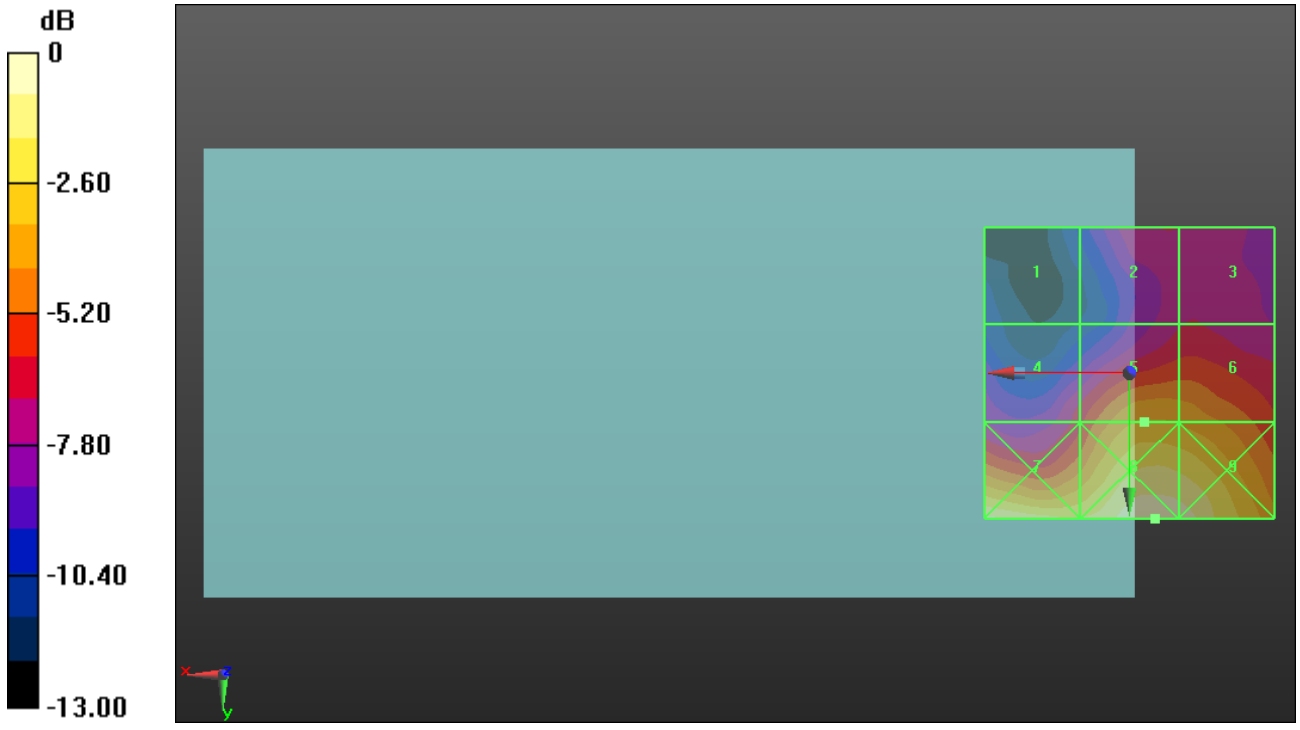
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 12.69 V/m; Power Drift = -0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.73 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.99 dBV/m**	Grid 2 **M4** **17.19 dBV/m**	Grid 3 **M4** **17.2 dBV/m**
Grid 4 **M4** **17.75 dBV/m**	Grid 5 **M4** **20.73 dBV/m**	Grid 6 **M4** **20.53 dBV/m**
Grid 7 **M4** **23.52 dBV/m**	Grid 8 **M4** **24.05 dBV/m**	Grid 9 **M4** **23.75 dBV/m**



0 dB = 15.94 V/m = 24.05 dBV/m

HAC-RF Emission ANT4

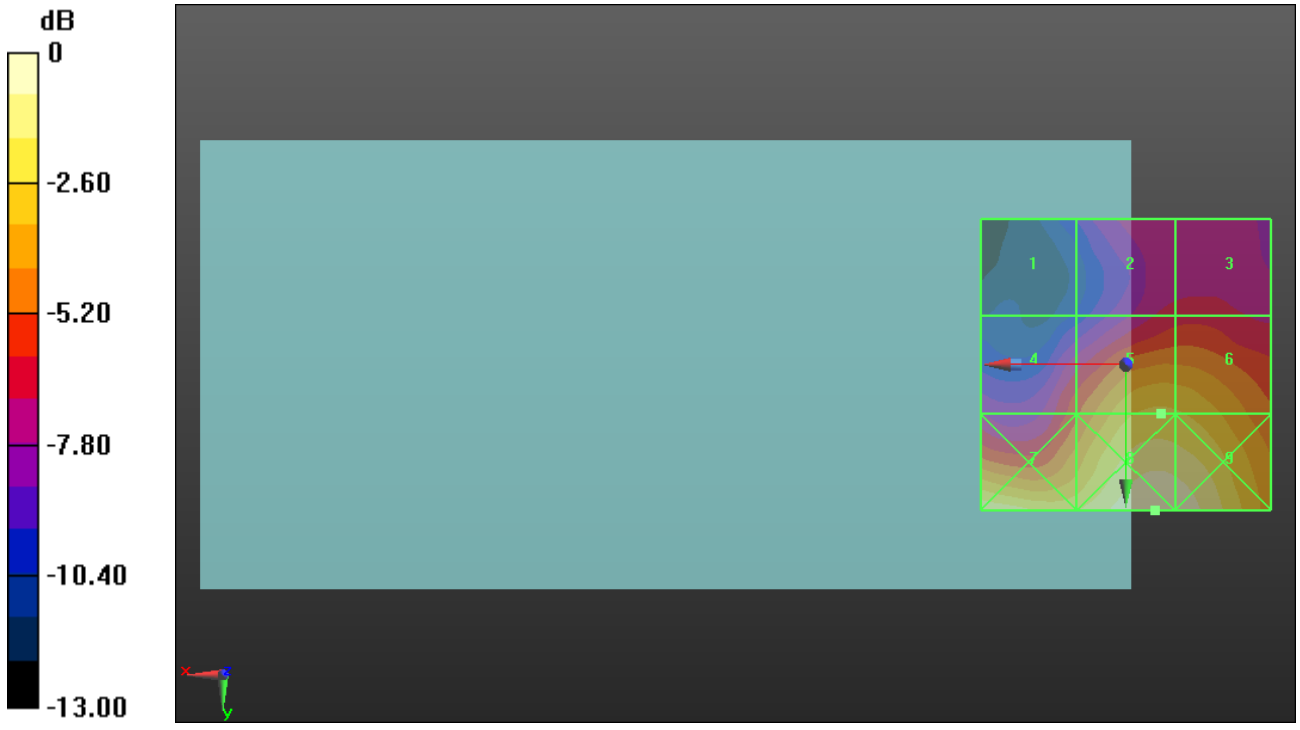
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 14.84 V/m; Power Drift = -0.14 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.45 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.42 dBV/m**	Grid 2 **M4** **17.33 dBV/m**	Grid 3 **M4** **17.47 dBV/m**
Grid 4 **M4** **18.46 dBV/m**	Grid 5 **M4** **21.45 dBV/m**	Grid 6 **M4** **21.36 dBV/m**
Grid 7 **M4** **22.99 dBV/m**	Grid 8 **M4** **23.83 dBV/m**	Grid 9 **M4** **23.61 dBV/m**



0 dB = 15.53 V/m = 23.82 dBV/m

HAC-RF Emission ANT4

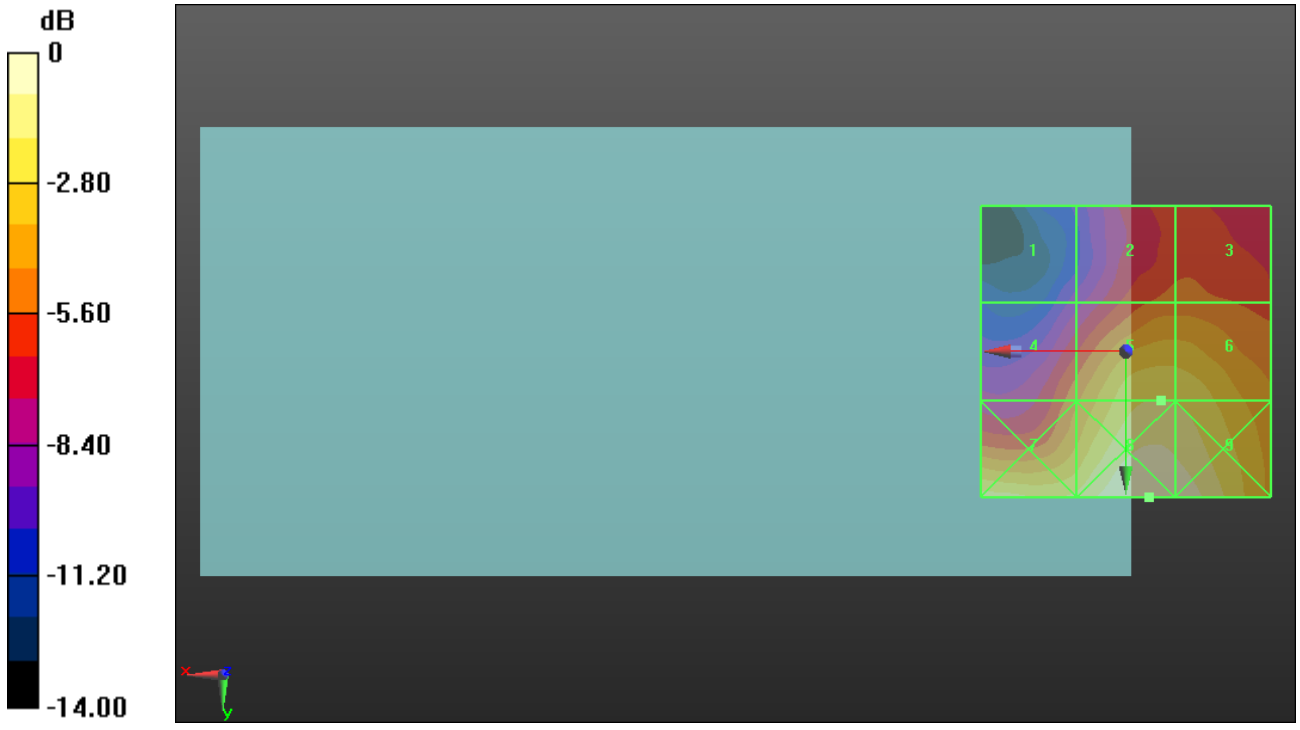
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 16.31 V/m; Power Drift = -0.07 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.68 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.72 dBV/m**	Grid 2 **M4** **18.45 dBV/m**	Grid 3 **M4** **18.51 dBV/m**
Grid 4 **M4** **18.66 dBV/m**	Grid 5 **M4** **21.68 dBV/m**	Grid 6 **M4** **21.56 dBV/m**
Grid 7 **M4** **22.16 dBV/m**	Grid 8 **M4** **23.49 dBV/m**	Grid 9 **M4** **23.36 dBV/m**



0 dB = 14.94 V/m = 23.49 dBV/m

HAC-RF Emission ANT4

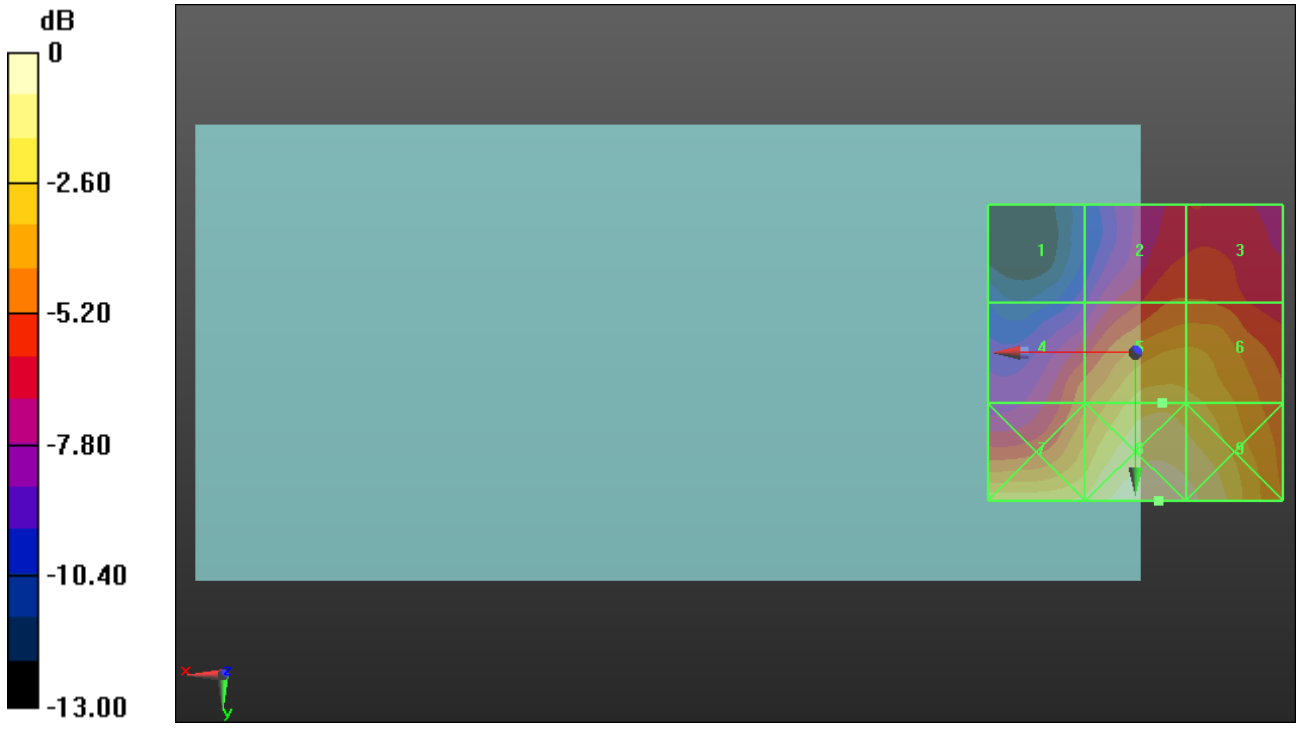
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 17.53 V/m; Power Drift = 0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.15 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.44 dBV/m**	Grid 2 **M4** **19.09 dBV/m**	Grid 3 **M4** **19.09 dBV/m**
Grid 4 **M4** **19.64 dBV/m**	Grid 5 **M4** **22.15 dBV/m**	Grid 6 **M4** **21.9 dBV/m**
Grid 7 **M4** **22.74 dBV/m**	Grid 8 **M4** **24.14 dBV/m**	Grid 9 **M4** **23.64 dBV/m**



0 dB = 16.11 V/m = 24.14 dBV/m

HAC-RF Emission ANT4

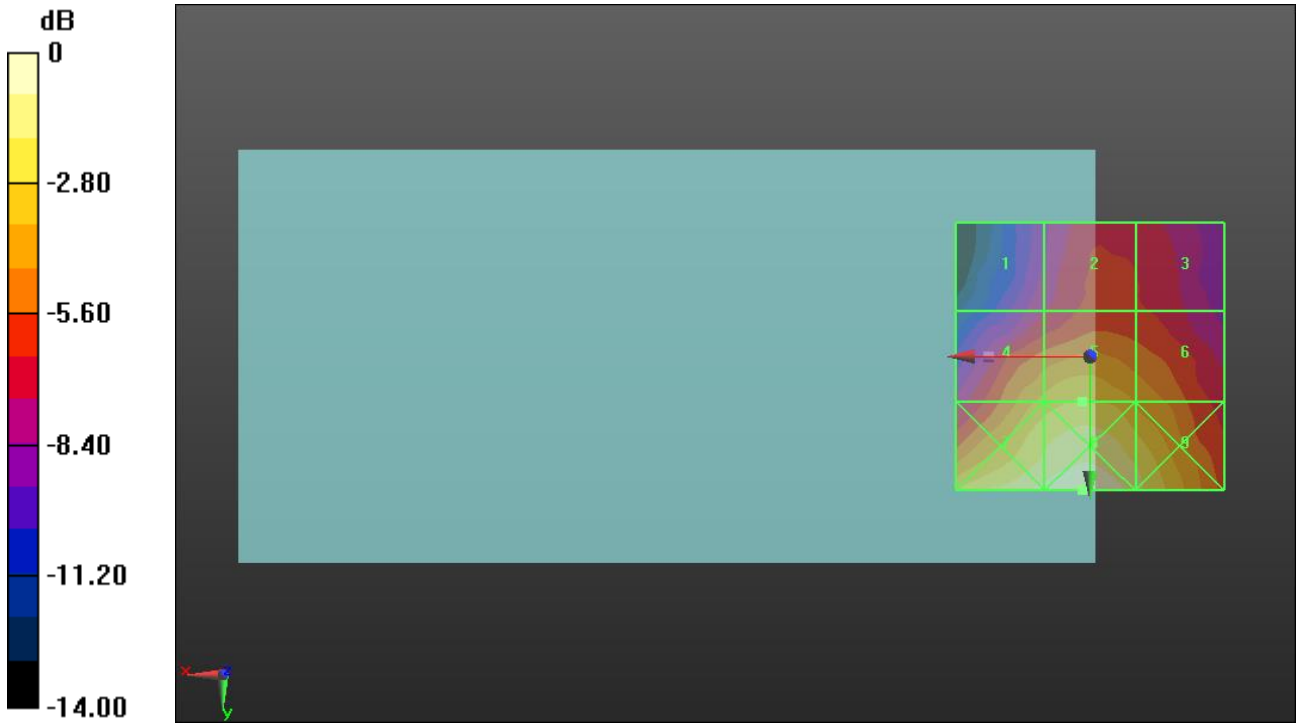
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 17.67 V/m; Power Drift = 0.07 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.22 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.47 dBV/m**	Grid 2 **M4** **19.89 dBV/m**	Grid 3 **M4** **19.63 dBV/m**
Grid 4 **M4** **22.57 dBV/m**	Grid 5 **M4** **23.22 dBV/m**	Grid 6 **M4** **22.1 dBV/m**
Grid 7 **M4** **25.37 dBV/m**	Grid 8 **M4** **25.9 dBV/m**	Grid 9 **M4** **24.43 dBV/m**



0 dB = 19.74 V/m = 25.91 dBV/m

HAC-RF Emission ANT4

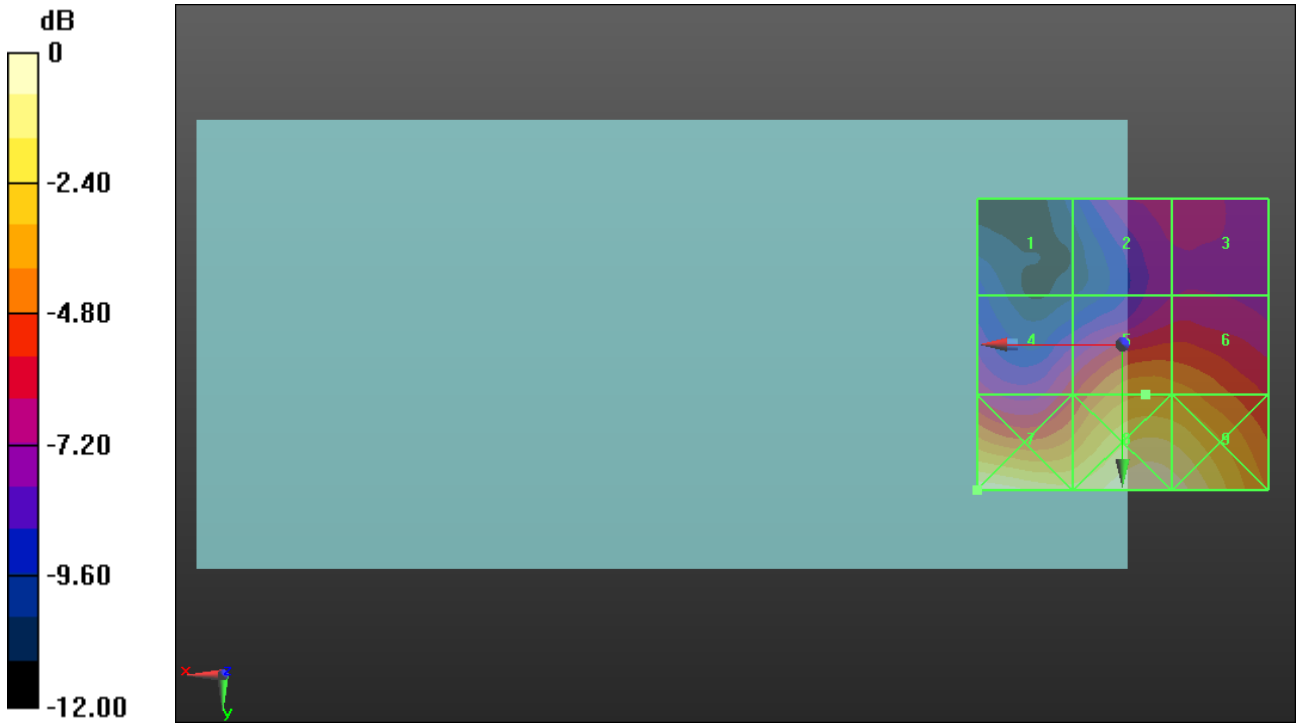
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 14.10 V/m; Power Drift = -0.14 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.66 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.84 dBV/m**	Grid 2 **M4** **18.24 dBV/m**	Grid 3 **M4** **18.29 dBV/m**
Grid 4 **M4** **19.19 dBV/m**	Grid 5 **M4** **21.66 dBV/m**	Grid 6 **M4** **21.51 dBV/m**
Grid 7 **M4** **24.94 dBV/m**	Grid 8 **M4** **24.81 dBV/m**	Grid 9 **M4** **24.58 dBV/m**



0 dB = 17.65 V/m = 24.93 dBV/m

HAC-RF Emission ANT4

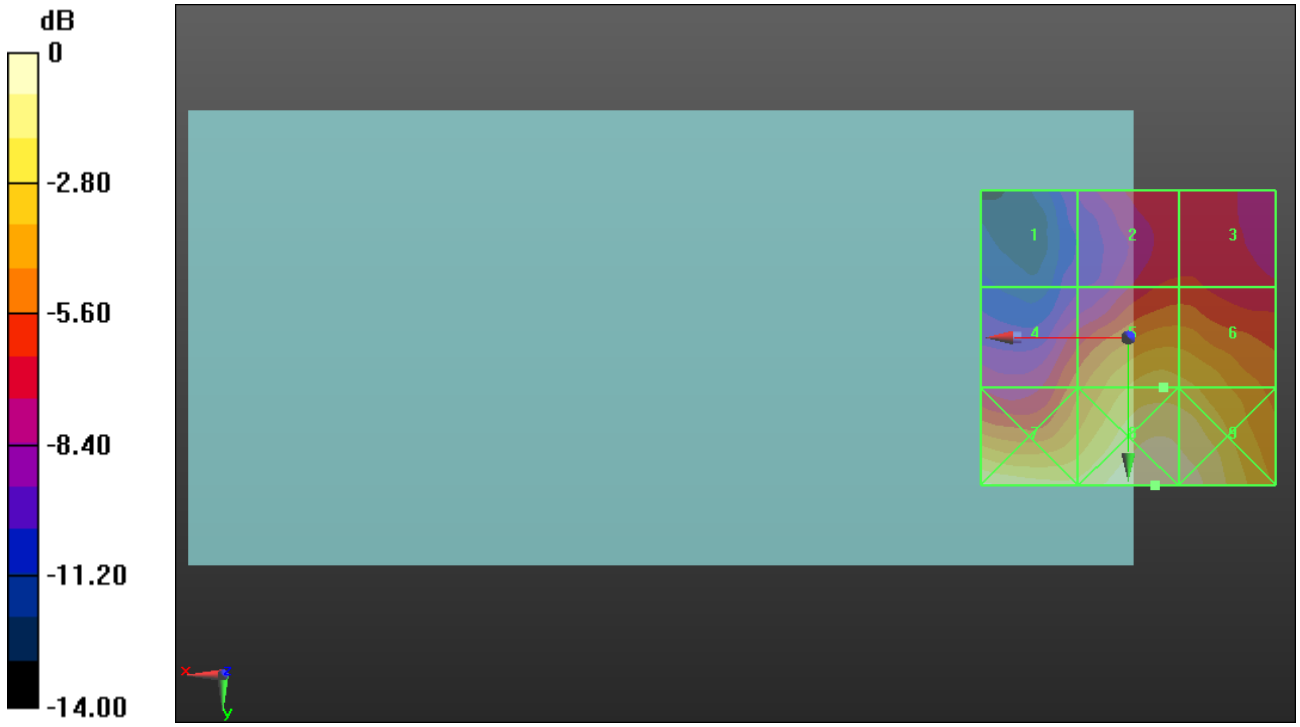
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 16.85 V/m; Power Drift = 0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.77 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.08 dBV/m**	Grid 2 **M4** **18.86 dBV/m**	Grid 3 **M4** **18.86 dBV/m**
Grid 4 **M4** **20.1 dBV/m**	Grid 5 **M4** **22.77 dBV/m**	Grid 6 **M4** **22.64 dBV/m**
Grid 7 **M4** **24.44 dBV/m**	Grid 8 **M4** **25.06 dBV/m**	Grid 9 **M4** **24.88 dBV/m**



0 dB = 17.91 V/m = 25.06 dBV/m

HAC-RF Emission ANT4

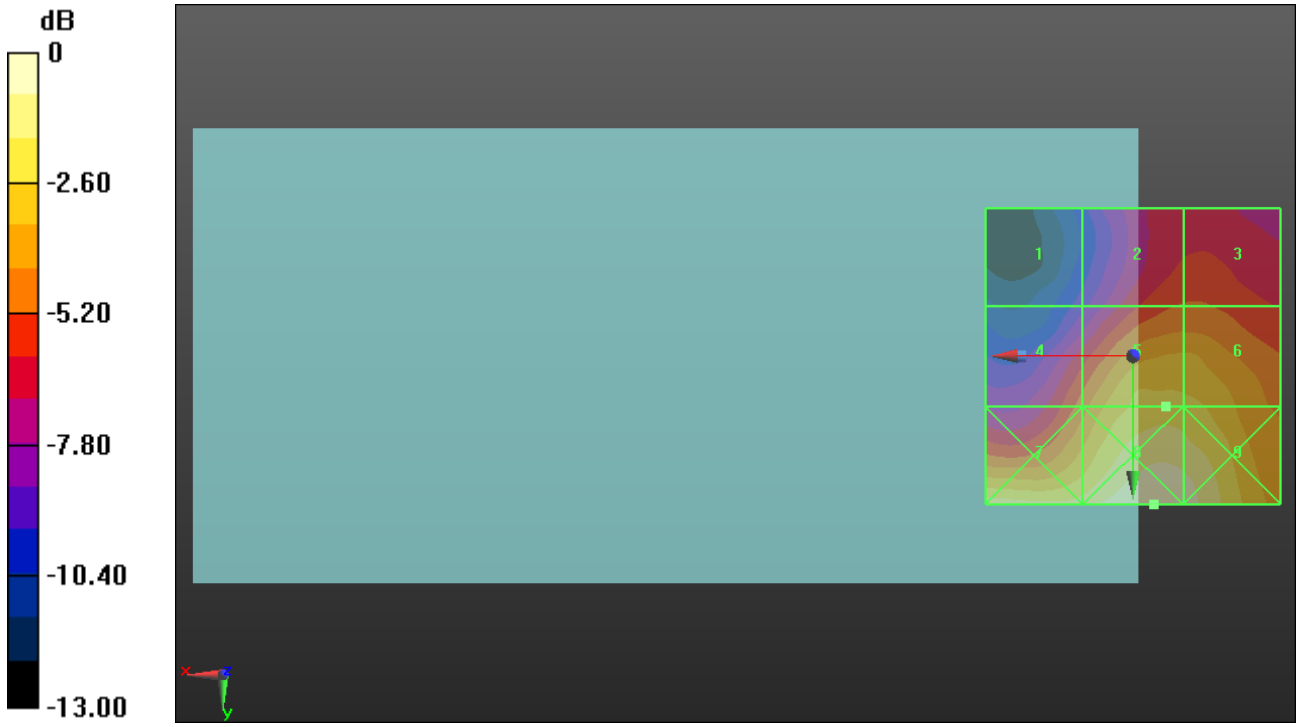
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 18.51 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.76 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.02 dBV/m**	Grid 2 **M4** **19.81 dBV/m**	Grid 3 **M4** **19.85 dBV/m**
Grid 4 **M4** **20.23 dBV/m**	Grid 5 **M4** **22.76 dBV/m**	Grid 6 **M4** **22.69 dBV/m**
Grid 7 **M4** **23.8 dBV/m**	Grid 8 **M4** **24.91 dBV/m**	Grid 9 **M4** **24.51 dBV/m**



0 dB = 17.61 V/m = 24.92 dBV/m

HAC-RF Emission ANT4

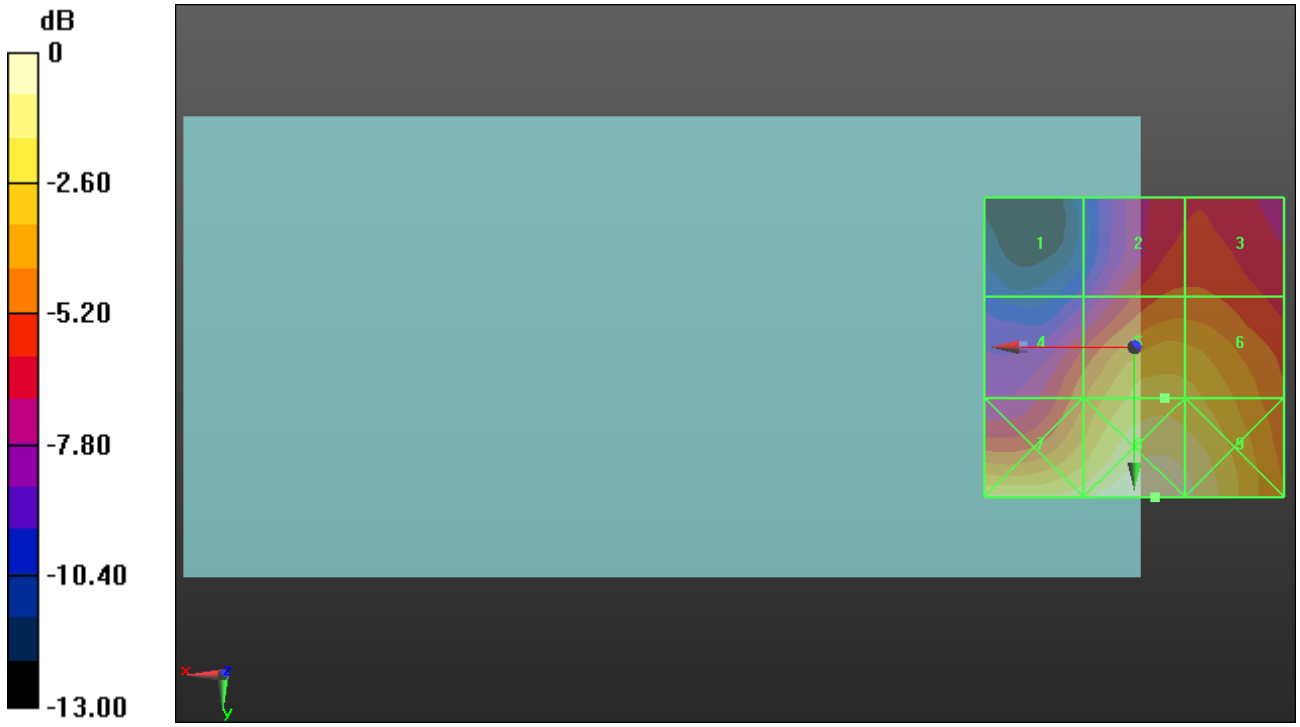
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 1/49 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 = 19.73 V/m; Power Drift = -0.07 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.20 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.35 dBV/m**	Grid 2 **M4** **20.33 dBV/m**	Grid 3 **M4** **20.33 dBV/m**
Grid 4 **M4** **20.82 dBV/m**	Grid 5 **M4** **23.2 dBV/m**	Grid 6 **M4** **23 dBV/m**
Grid 7 **M4** **24.13 dBV/m**	Grid 8 **M4** **25.28 dBV/m**	Grid 9 **M4** **24.68 dBV/m**



0 dB = 18.37 V/m = 25.28 dBV/m

HAC-RF Emission ANT4

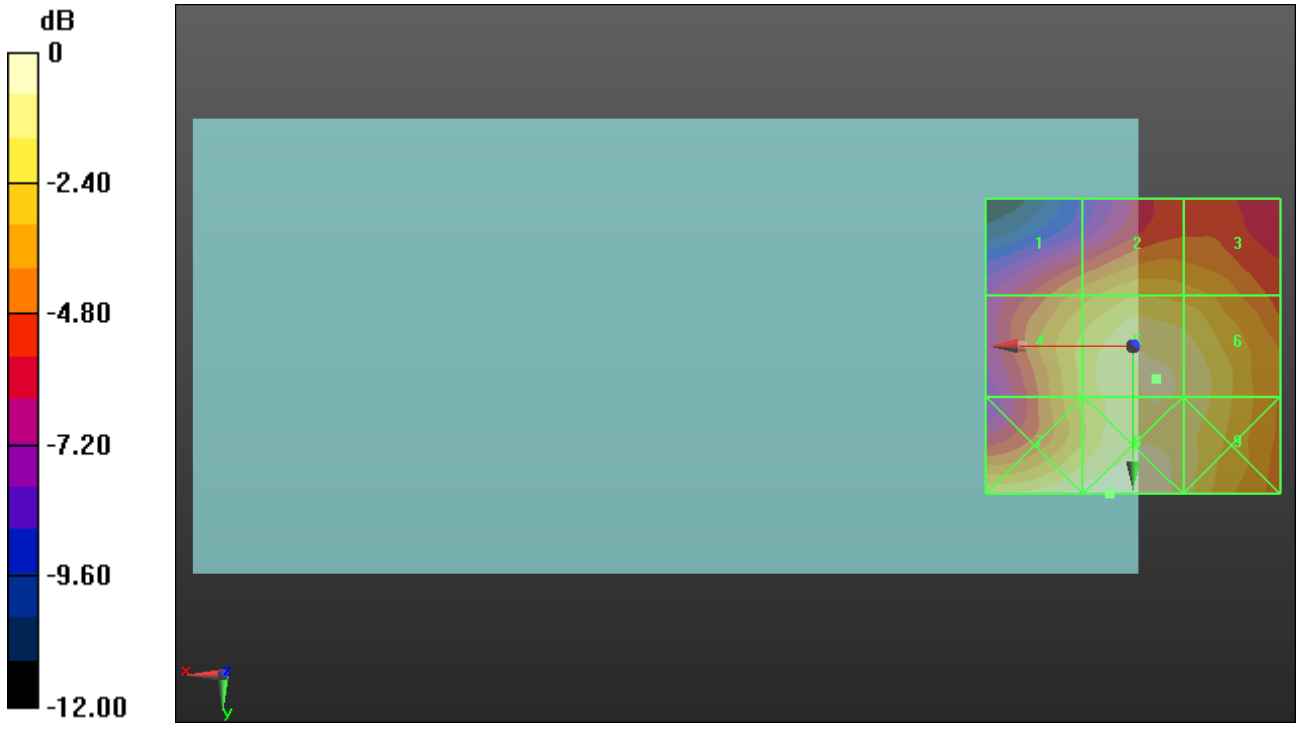
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 28.03 V/m; Power Drift = 0.17 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.27 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.42 dBV/m**	Grid 2 **M4** **23.54 dBV/m**	Grid 3 **M4** **23.23 dBV/m**
Grid 4 **M4** **23.87 dBV/m**	Grid 5 **M4** **25.27 dBV/m**	Grid 6 **M4** **25.04 dBV/m**
Grid 7 **M4** **25.6 dBV/m**	Grid 8 **M4** **25.94 dBV/m**	Grid 9 **M4** **25.04 dBV/m**



0 dB = 19.81 V/m = 25.94 dBV/m

HAC-RF Emission ANT4

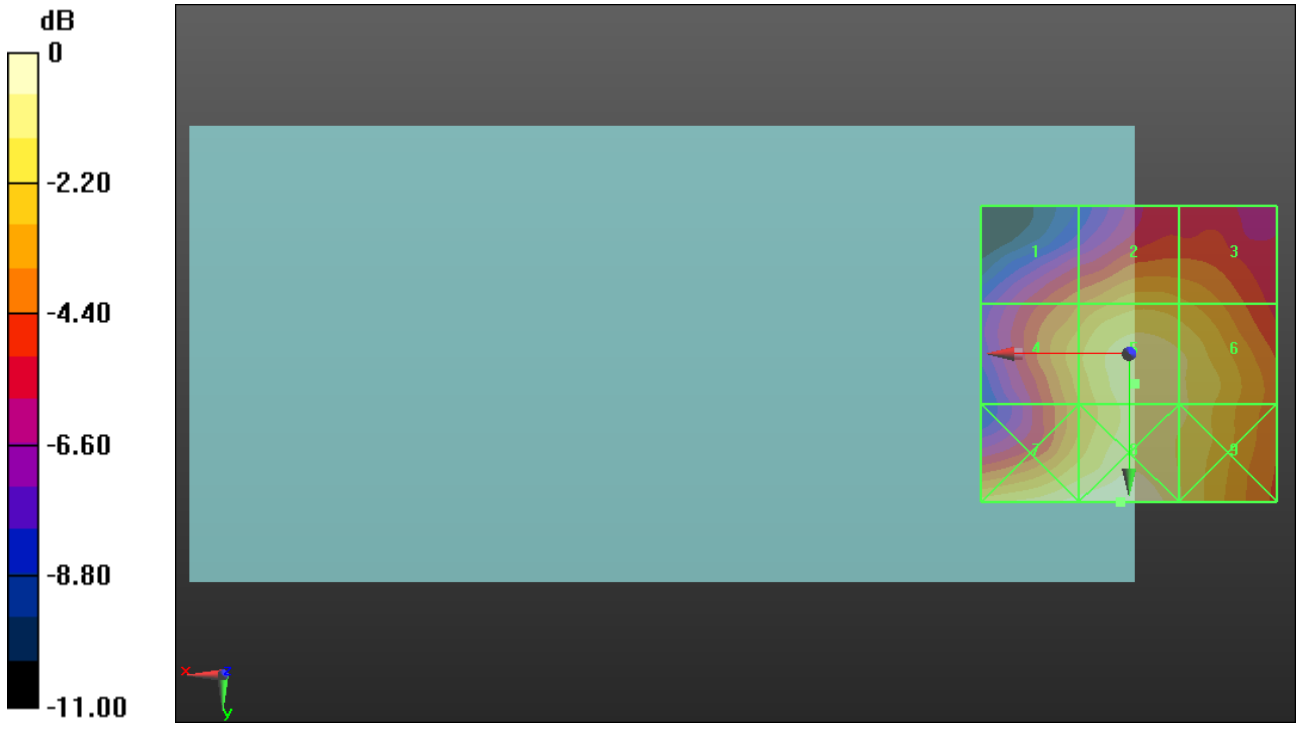
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 26.98 V/m; Power Drift = -0.19 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.78 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.93 dBV/m**	Grid 2 **M4** **23.27 dBV/m**	Grid 3 **M4** **22.96 dBV/m**
Grid 4 **M4** **23.33 dBV/m**	Grid 5 **M4** **24.78 dBV/m**	Grid 6 **M4** **24.39 dBV/m**
Grid 7 **M4** **25.28 dBV/m**	Grid 8 **M4** **25.67 dBV/m**	Grid 9 **M4** **24.39 dBV/m**



0 dB = 19.21 V/m = 25.67 dBV/m

HAC-RF Emission ANT4

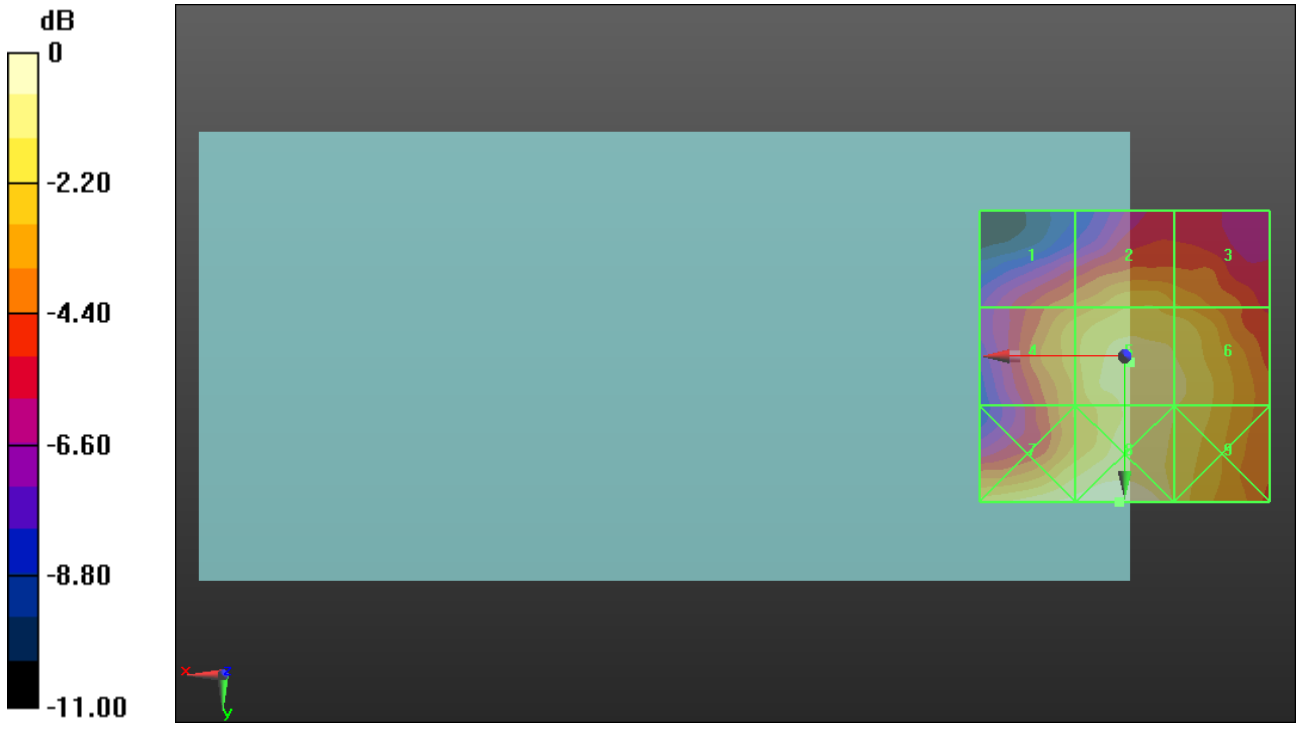
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 27.70 V/m; Power Drift = 0.09 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.77 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.29 dBV/m**	Grid 2 **M4** **23.64 dBV/m**	Grid 3 **M4** **23.09 dBV/m**
Grid 4 **M4** **23.42 dBV/m**	Grid 5 **M4** **24.76 dBV/m**	Grid 6 **M4** **24.55 dBV/m**
Grid 7 **M4** **25.35 dBV/m**	Grid 8 **M4** **25.79 dBV/m**	Grid 9 **M4** **24.4 dBV/m**



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

HAC-RF Emission ANT4

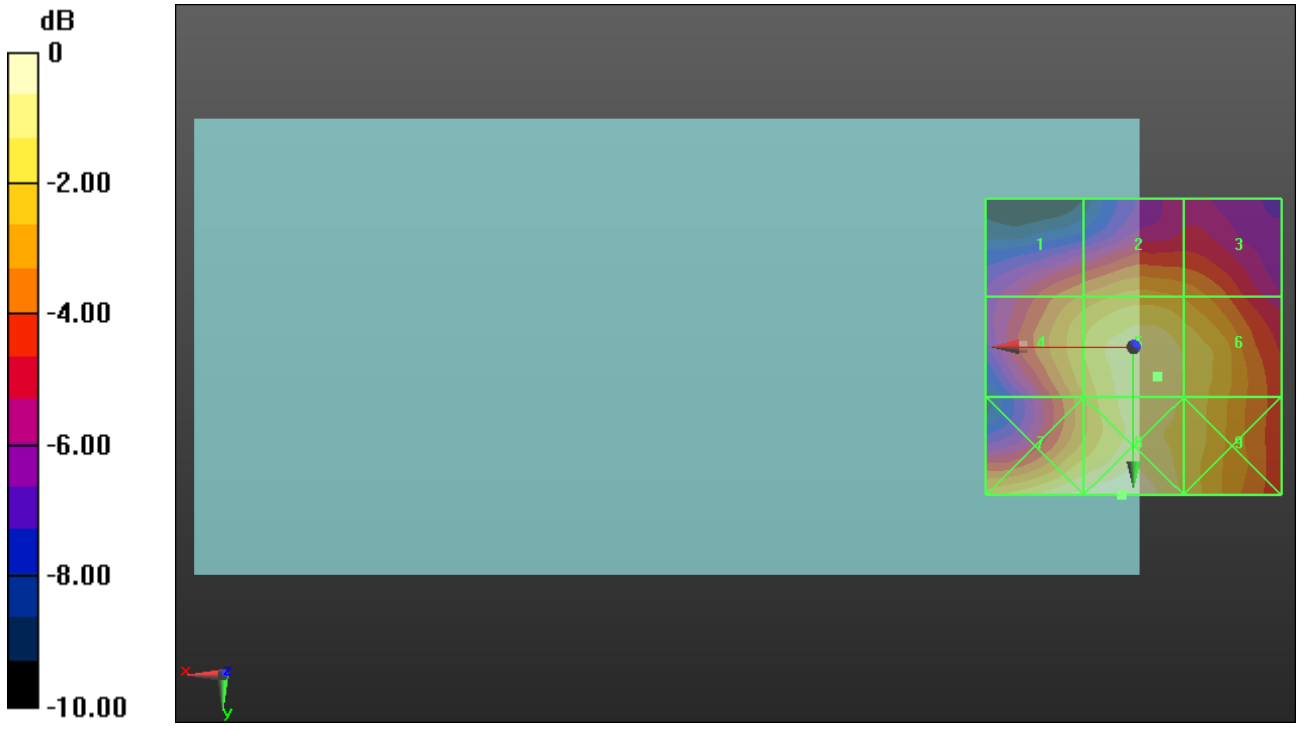
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 27.68 V/m; Power Drift = 0.14 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.06 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.65 dBV/m**	Grid 2 **M4** **23.51 dBV/m**	Grid 3 **M4** **23.08 dBV/m**
Grid 4 **M4** **23.82 dBV/m**	Grid 5 **M4** **25.06 dBV/m**	Grid 6 **M4** **24.49 dBV/m**
Grid 7 **M4** **25.5 dBV/m**	Grid 8 **M4** **25.84 dBV/m**	Grid 9 **M4** **24.45 dBV/m**



0 dB = 19.58 V/m = 25.84 dBV/m

HAC-RF Emission ANT4

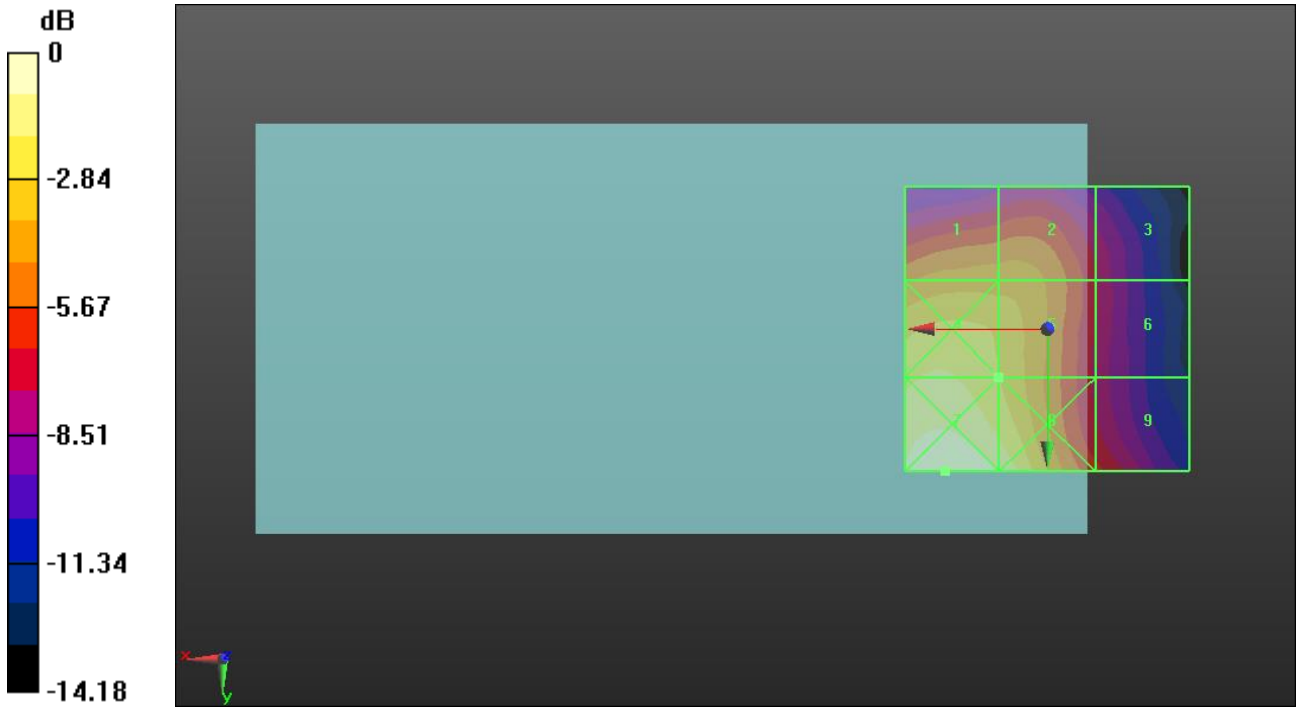
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2417 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2417 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 19.72 V/m; Power Drift = 0.20 dB
Applied MIF = -2.02 dB
RF audio interference level = 23.84 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.53 dBV/m**	Grid 2 **M4** **22.55 dBV/m**	Grid 3 **M4** **19.19 dBV/m**
Grid 4 **M4** **24.87 dBV/m**	Grid 5 **M4** **23.84 dBV/m**	Grid 6 **M4** **19.28 dBV/m**
Grid 7 **M4** **26.64 dBV/m**	Grid 8 **M4** **25.63 dBV/m**	Grid 9 **M4** **20.44 dBV/m**



0 dB = 21.49 V/m = 26.64 dBV/m

HAC-RF Emission ANT4

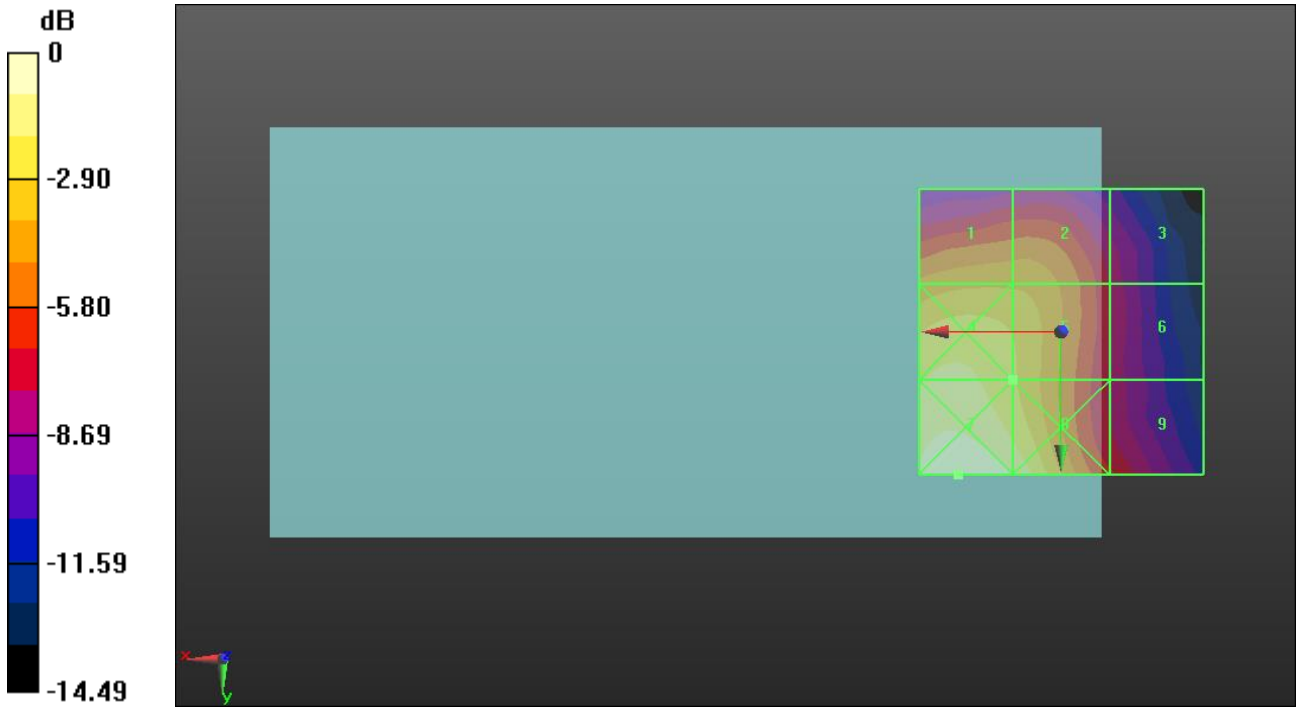
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 23.39 V/m; Power Drift = -0.00 dB
Applied MIF = -2.02 dB
RF audio interference level = 25.36 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.11 dBV/m**	Grid 2 **M4** **24.09 dBV/m**	Grid 3 **M4** **20.34 dBV/m**
Grid 4 **M4** **26.43 dBV/m**	Grid 5 **M4** **25.36 dBV/m**	Grid 6 **M4** **20.53 dBV/m**
Grid 7 **M4** **28.11 dBV/m**	Grid 8 **M4** **27.07 dBV/m**	Grid 9 **M4** **21.63 dBV/m**



0 dB = 25.44 V/m = 28.11 dBV/m

HAC-RF Emission ANT4

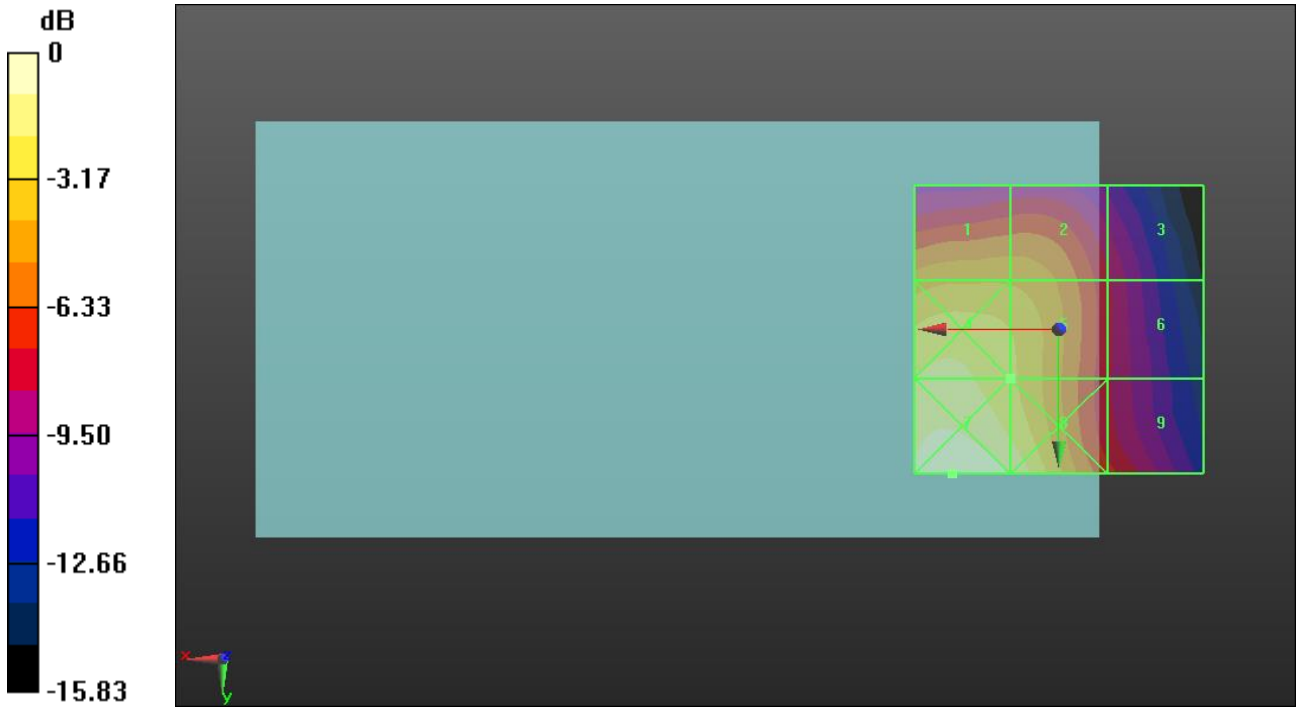
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 22.34 V/m; Power Drift = -0.07 dB
Applied MIF = -2.02 dB
RF audio interference level = 24.98 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.6 dBV/m**	Grid 2 **M4** **23.53 dBV/m**	Grid 3 **M4** **19.61 dBV/m**
Grid 4 **M4** **26.07 dBV/m**	Grid 5 **M4** **24.98 dBV/m**	Grid 6 **M4** **19.78 dBV/m**
Grid 7 **M4** **27.9 dBV/m**	Grid 8 **M4** **26.8 dBV/m**	Grid 9 **M4** **21.01 dBV/m**



0 dB = 24.83 V/m = 27.90 dBV/m

HAC-RF Emission ANT4

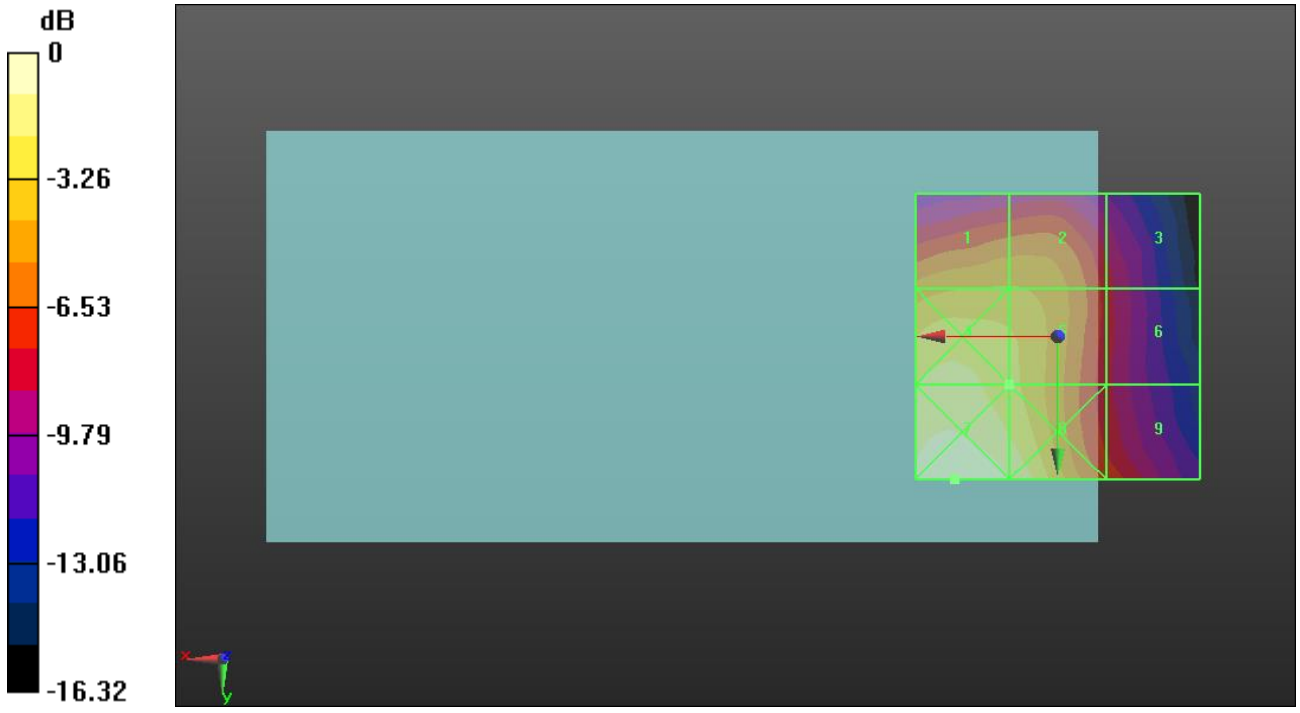
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2422 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2422 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 18.43 V/m; Power Drift = -0.08 dB
Applied MIF = 0.12 dB
RF audio interference level = 25.38 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.98 dBV/m**	Grid 2 **M4** **23.97 dBV/m**	Grid 3 **M4** **20.21 dBV/m**
Grid 4 **M4** **26.43 dBV/m**	Grid 5 **M4** **25.38 dBV/m**	Grid 6 **M4** **20.26 dBV/m**
Grid 7 **M4** **28.25 dBV/m**	Grid 8 **M4** **27.23 dBV/m**	Grid 9 **M4** **21.6 dBV/m**



0 dB = 25.85 V/m = 28.25 dBV/m

HAC-RF Emission ANT4

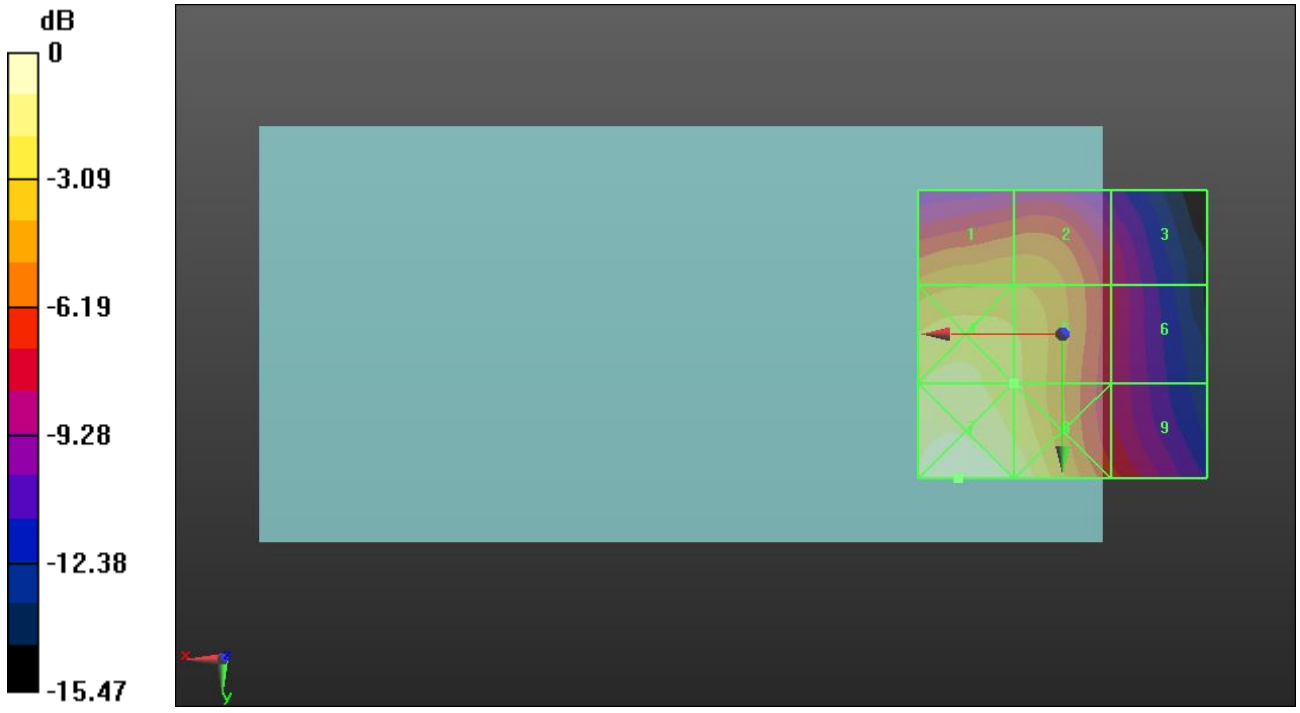
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 20.51 V/m; Power Drift = -0.06 dB
Applied MIF = 0.12 dB
RF audio interference level = 26.35 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.06 dBV/m**	Grid 2 **M4** **25.04 dBV/m**	Grid 3 **M4** **21.05 dBV/m**
Grid 4 **M4** **27.34 dBV/m**	Grid 5 **M4** **26.35 dBV/m**	Grid 6 **M4** **21.25 dBV/m**
Grid 7 **M4** **29.12 dBV/m**	Grid 8 **M4** **28.11 dBV/m**	Grid 9 **M4** **22.44 dBV/m**



0 dB = 28.58 V/m = 29.12 dBV/m

HAC-RF Emission ANT4

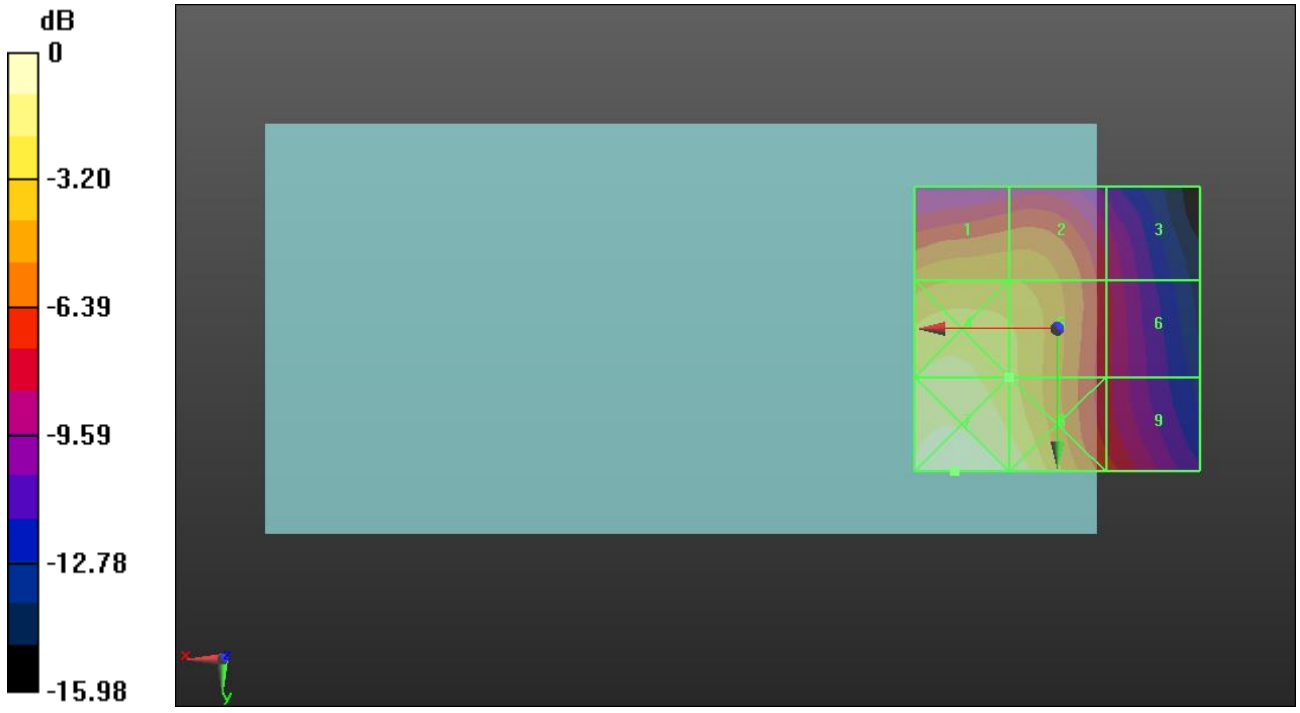
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2452 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2452 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 19.74 V/m; Power Drift = -0.10 dB
Applied MIF = 0.12 dB
RF audio interference level = 26.03 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.68 dBV/m**	Grid 2 **M4** **24.65 dBV/m**	Grid 3 **M4** **20.61 dBV/m**
Grid 4 **M4** **27.06 dBV/m**	Grid 5 **M4** **26.03 dBV/m**	Grid 6 **M4** **20.87 dBV/m**
Grid 7 **M4** **28.88 dBV/m**	Grid 8 **M4** **27.83 dBV/m**	Grid 9 **M4** **22.13 dBV/m**



0 dB = 27.78 V/m = 28.87 dBV/m

HAC-RF Emission ANT5

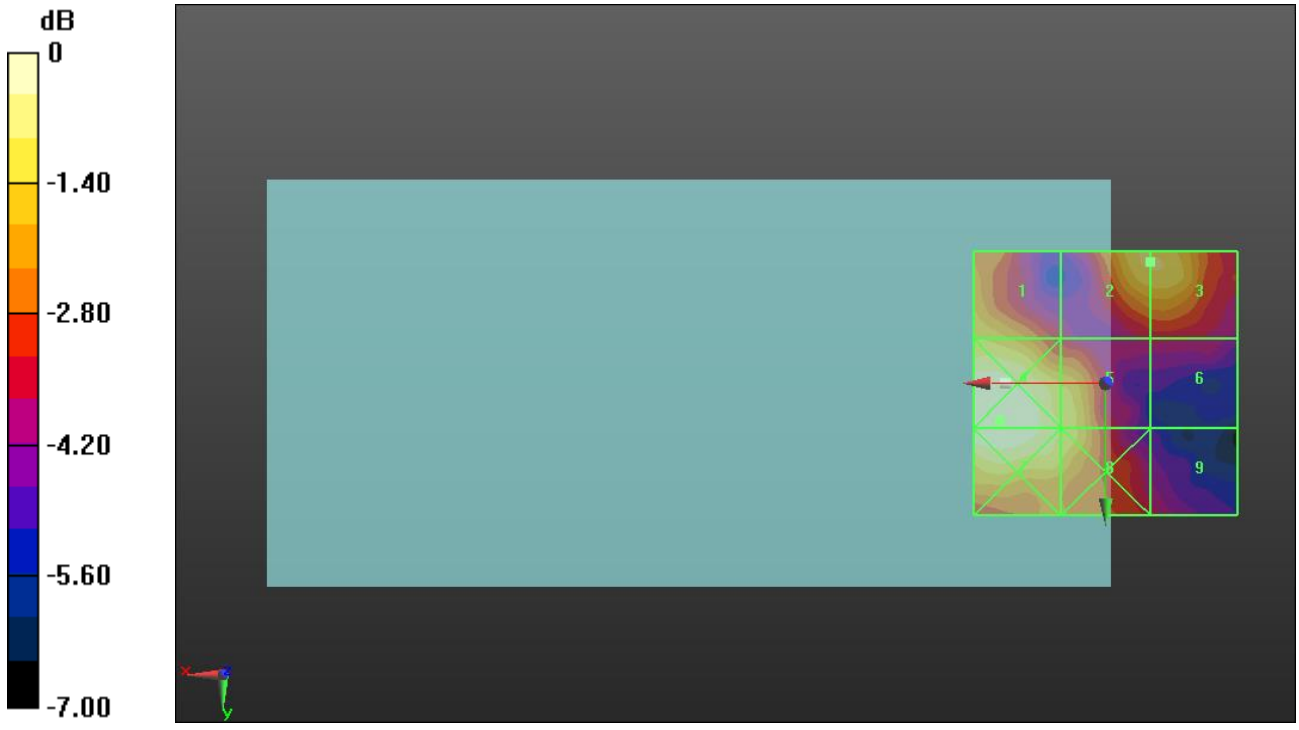
Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5200 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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. 40/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 = 7.120 V/m; Power Drift = -0.06 dB
Applied MIF = -3.15 dB
RF audio interference level = 15.81 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.33 dBV/m**	Grid 2 **M4** **15.81 dBV/m**	Grid 3 **M4** **15.81 dBV/m**
Grid 4 **M4** **16.66 dBV/m**	Grid 5 **M4** **15.73 dBV/m**	Grid 6 **M4** **13.12 dBV/m**
Grid 7 **M4** **16.62 dBV/m**	Grid 8 **M4** **15.73 dBV/m**	Grid 9 **M4** **13.15 dBV/m**



0 dB = 6.805 V/m = 16.66 dBV/m

HAC-RF Emission ANT5

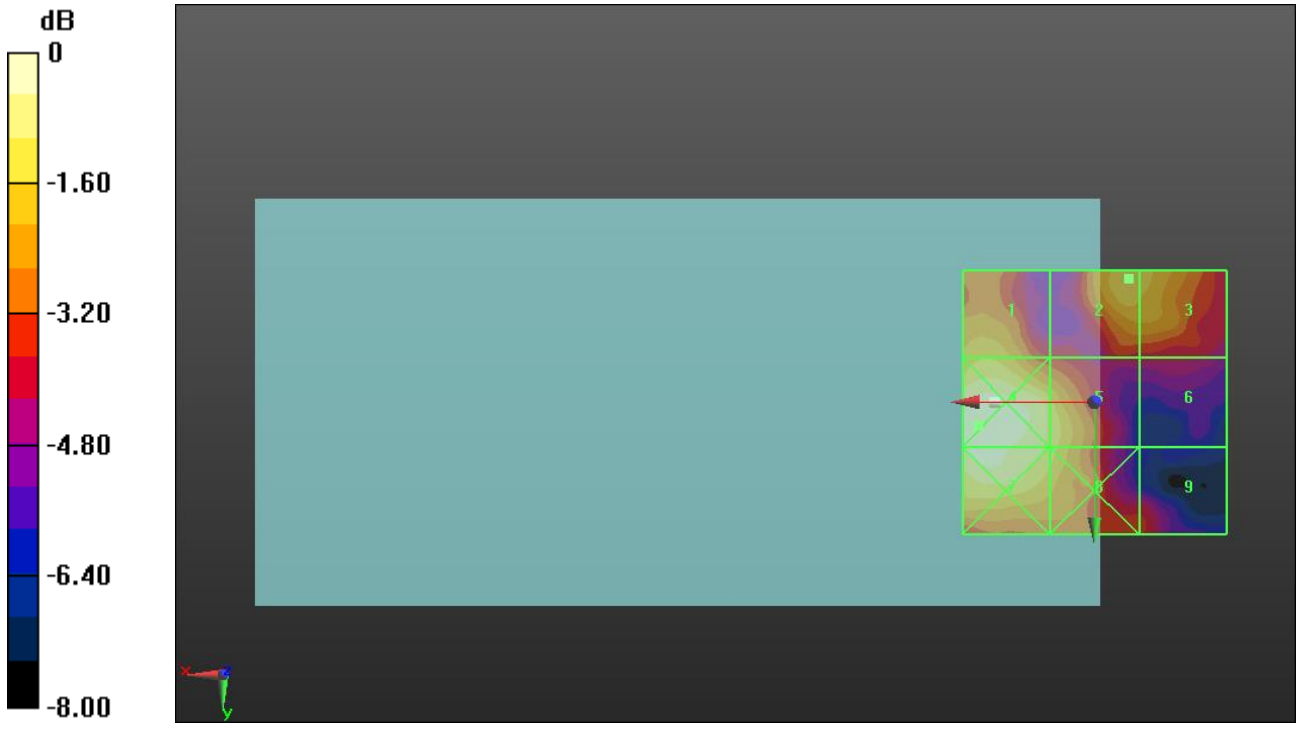
Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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. 44/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 = 7.512 V/m; Power Drift = 0.11 dB
Applied MIF = -3.15 dB
RF audio interference level = 15.84 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.31 dBV/m**	Grid 2 **M4** **15.84 dBV/m**	Grid 3 **M4** **15.6 dBV/m**
Grid 4 **M4** **16.93 dBV/m**	Grid 5 **M4** **15.77 dBV/m**	Grid 6 **M4** **12.93 dBV/m**
Grid 7 **M4** **16.82 dBV/m**	Grid 8 **M4** **15.66 dBV/m**	Grid 9 **M4** **13.47 dBV/m**



0 dB = 7.022 V/m = 16.93 dBV/m

HAC-RF Emission ANT5

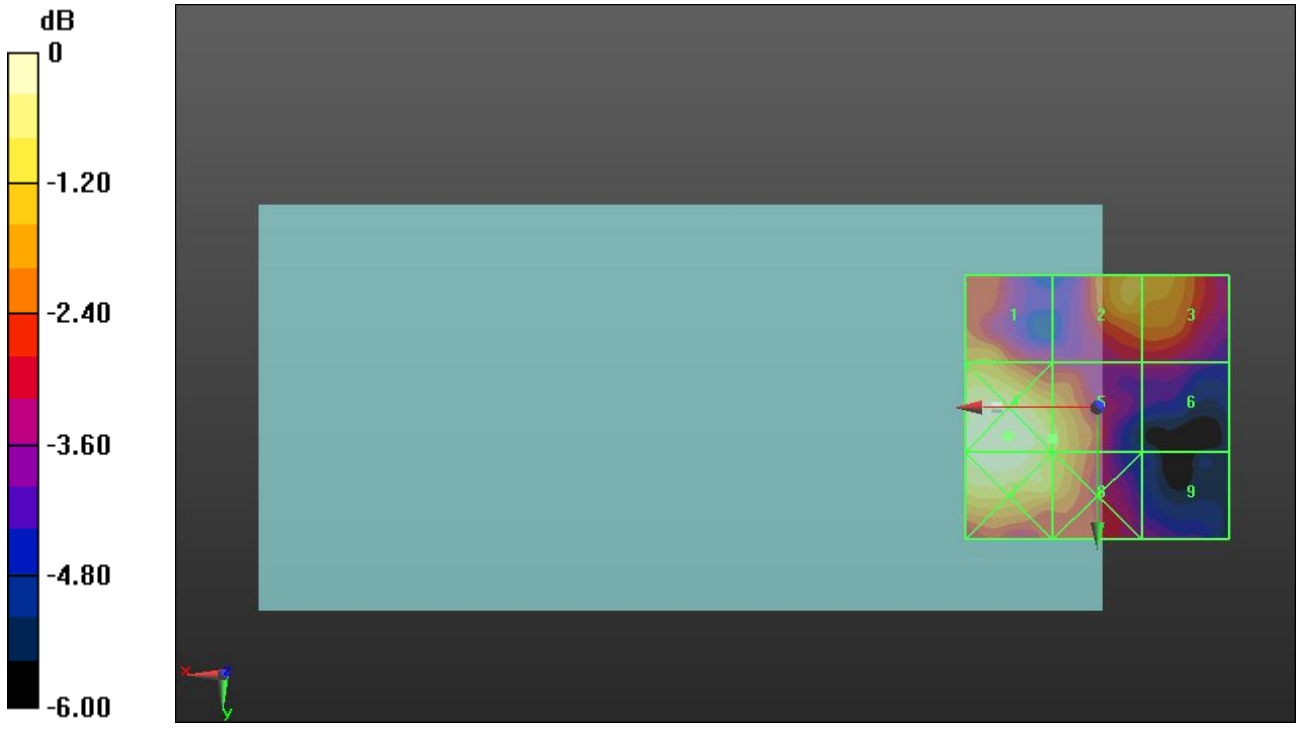
Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5240 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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. 48/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 = 7.578 V/m; Power Drift = 0.01 dB
Applied MIF = -3.15 dB
RF audio interference level = 16.04 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.54 dBV/m**	Grid 2 **M4** **15.94 dBV/m**	Grid 3 **M4** **15.78 dBV/m**
Grid 4 **M4** **16.99 dBV/m**	Grid 5 **M4** **16.04 dBV/m**	Grid 6 **M4** **13.75 dBV/m**
Grid 7 **M4** **16.89 dBV/m**	Grid 8 **M4** **15.91 dBV/m**	Grid 9 **M4** **13.48 dBV/m**



0 dB = 7.069 V/m = 16.99 dBV/m

HAC-RF Emission ANT5

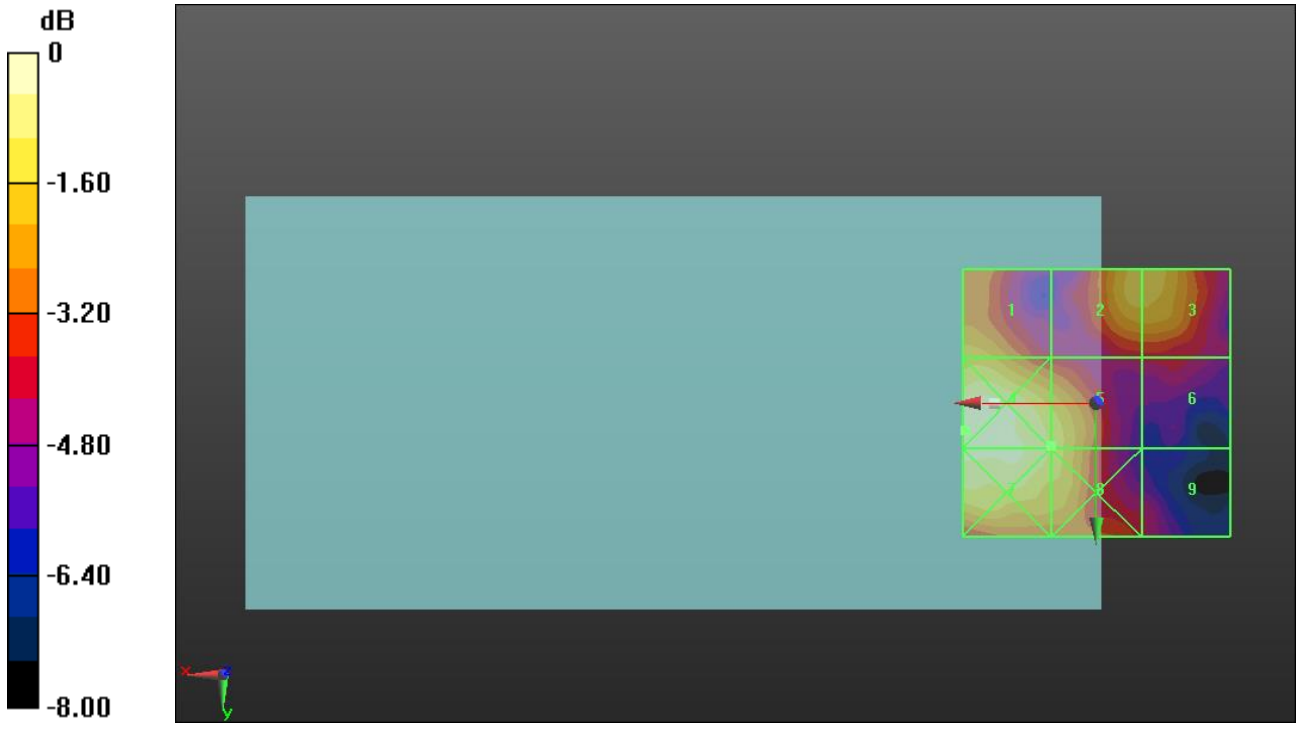
Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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. 52/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 = 7.582 V/m; Power Drift = -0.07 dB
Applied MIF = -3.15 dB
RF audio interference level = 15.45 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.78 dBV/m**	Grid 2 **M4** **15.36 dBV/m**	Grid 3 **M4** **15.36 dBV/m**
Grid 4 **M4** **16.58 dBV/m**	Grid 5 **M4** **15.45 dBV/m**	Grid 6 **M4** **12.63 dBV/m**
Grid 7 **M4** **16.25 dBV/m**	Grid 8 **M4** **15.44 dBV/m**	Grid 9 **M4** **12.5 dBV/m**



0 dB = 6.742 V/m = 16.58 dBV/m

HAC-RF Emission ANT5

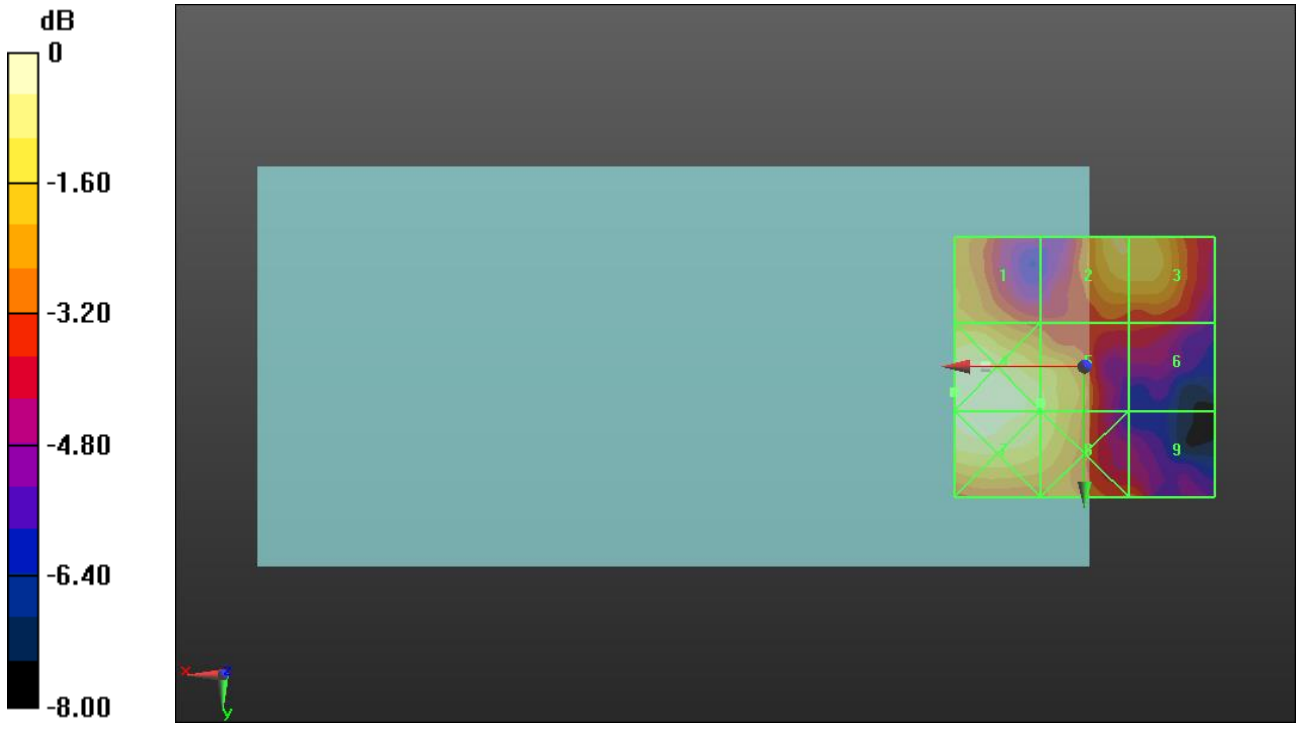
Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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. 56/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 = 7.737 V/m; Power Drift = -0.02 dB
Applied MIF = -3.15 dB
RF audio interference level = 15.64 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.67 dBV/m**	Grid 2 **M4** **15.61 dBV/m**	Grid 3 **M4** **15.48 dBV/m**
Grid 4 **M4** **16.55 dBV/m**	Grid 5 **M4** **15.64 dBV/m**	Grid 6 **M4** **13.03 dBV/m**
Grid 7 **M4** **16.41 dBV/m**	Grid 8 **M4** **15.63 dBV/m**	Grid 9 **M4** **13.61 dBV/m**



0 dB = 6.720 V/m = 16.55 dBV/m

HAC-RF Emission ANT5

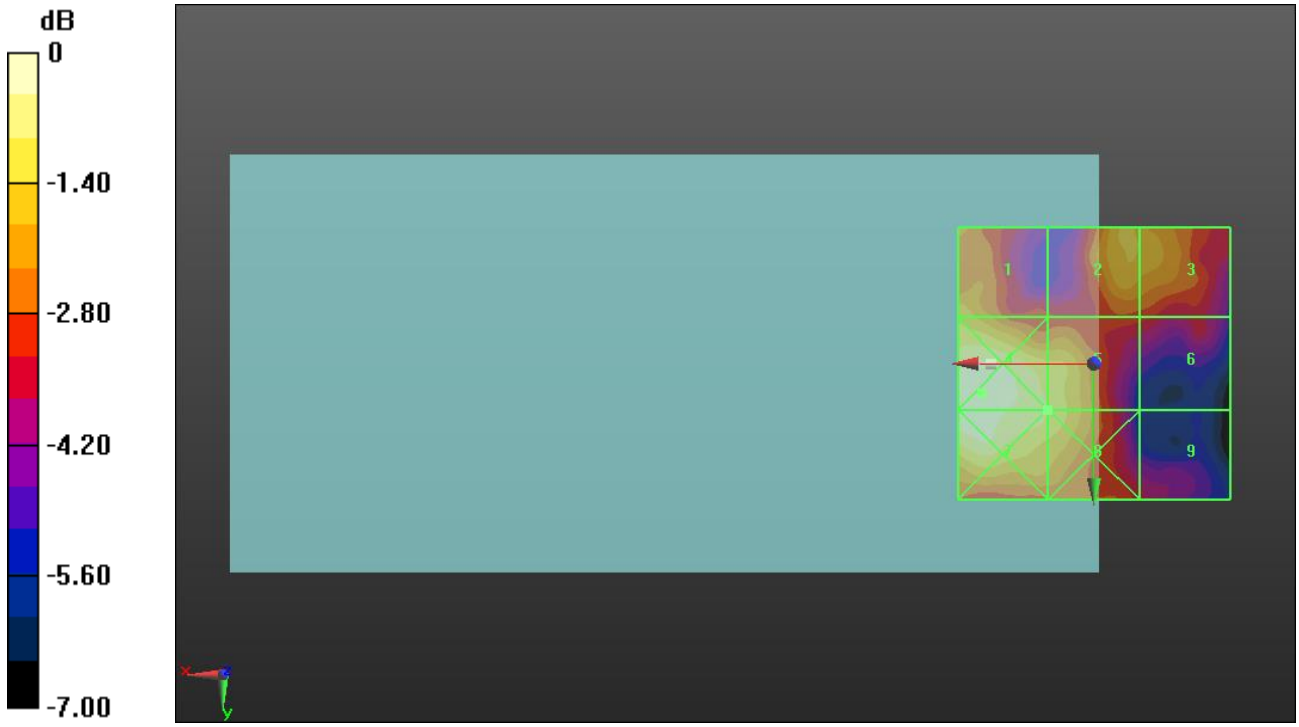
Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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. 60/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 = 8.036 V/m; Power Drift = -0.14 dB
Applied MIF = -3.15 dB
RF audio interference level = 15.75 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.24 dBV/m**	Grid 2 **M4** **15.46 dBV/m**	Grid 3 **M4** **15.26 dBV/m**
Grid 4 **M4** **16.69 dBV/m**	Grid 5 **M4** **15.75 dBV/m**	Grid 6 **M4** **13.61 dBV/m**
Grid 7 **M4** **16.6 dBV/m**	Grid 8 **M4** **15.75 dBV/m**	Grid 9 **M4** **13.13 dBV/m**



0 dB = 6.829 V/m = 16.69 dBV/m

HAC-RF Emission ANT5

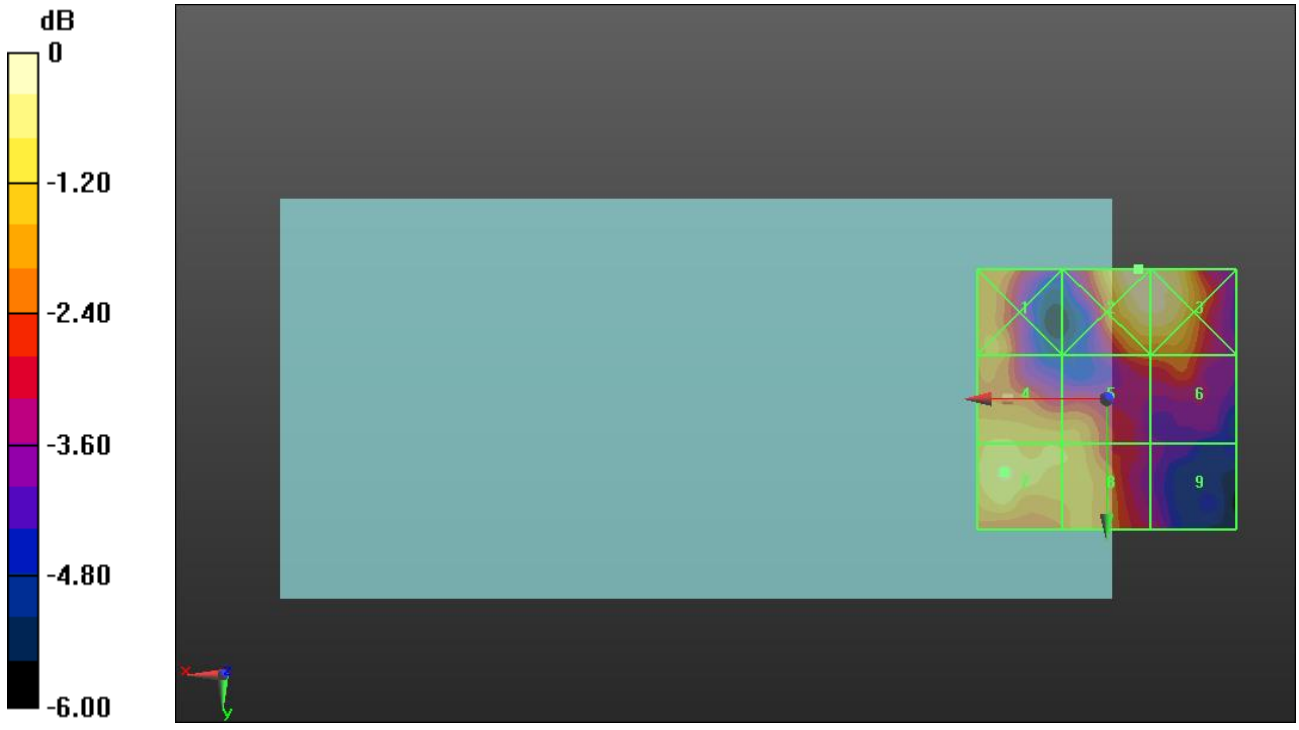
Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5520 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5520 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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. 104/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 = 8.117 V/m; Power Drift = 0.18 dB
Applied MIF = -3.15 dB
RF audio interference level = 15.77 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.02 dBV/m**	Grid 2 **M4** **16.51 dBV/m**	Grid 3 **M4** **16.39 dBV/m**
Grid 4 **M4** **15.43 dBV/m**	Grid 5 **M4** **15.23 dBV/m**	Grid 6 **M4** **14.57 dBV/m**
Grid 7 **M4** **15.77 dBV/m**	Grid 8 **M4** **15.36 dBV/m**	Grid 9 **M4** **13.31 dBV/m**



0 dB = 6.688 V/m = 16.51 dBV/m

HAC-RF Emission ANT5

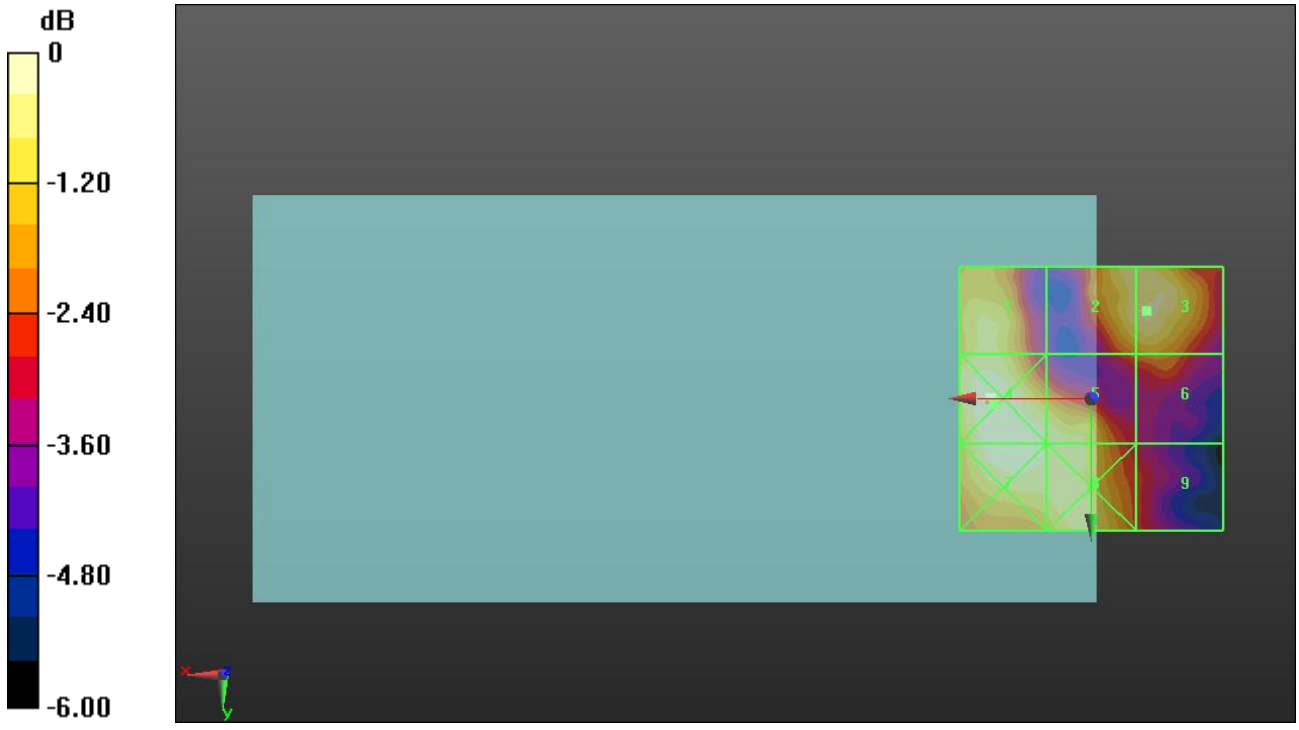
Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5620 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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. 124/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 = 8.592 V/m; Power Drift = -0.10 dB
Applied MIF = -3.15 dB
RF audio interference level = 15.92 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.58 dBV/m**	Grid 2 **M4** **15.73 dBV/m**	Grid 3 **M4** **15.92 dBV/m**
Grid 4 **M4** **16.2 dBV/m**	Grid 5 **M4** **15.77 dBV/m**	Grid 6 **M4** **14.55 dBV/m**
Grid 7 **M4** **16.05 dBV/m**	Grid 8 **M4** **15.79 dBV/m**	Grid 9 **M4** **13.74 dBV/m**



0 dB = 6.455 V/m = 16.20 dBV/m

HAC-RF Emission ANT5

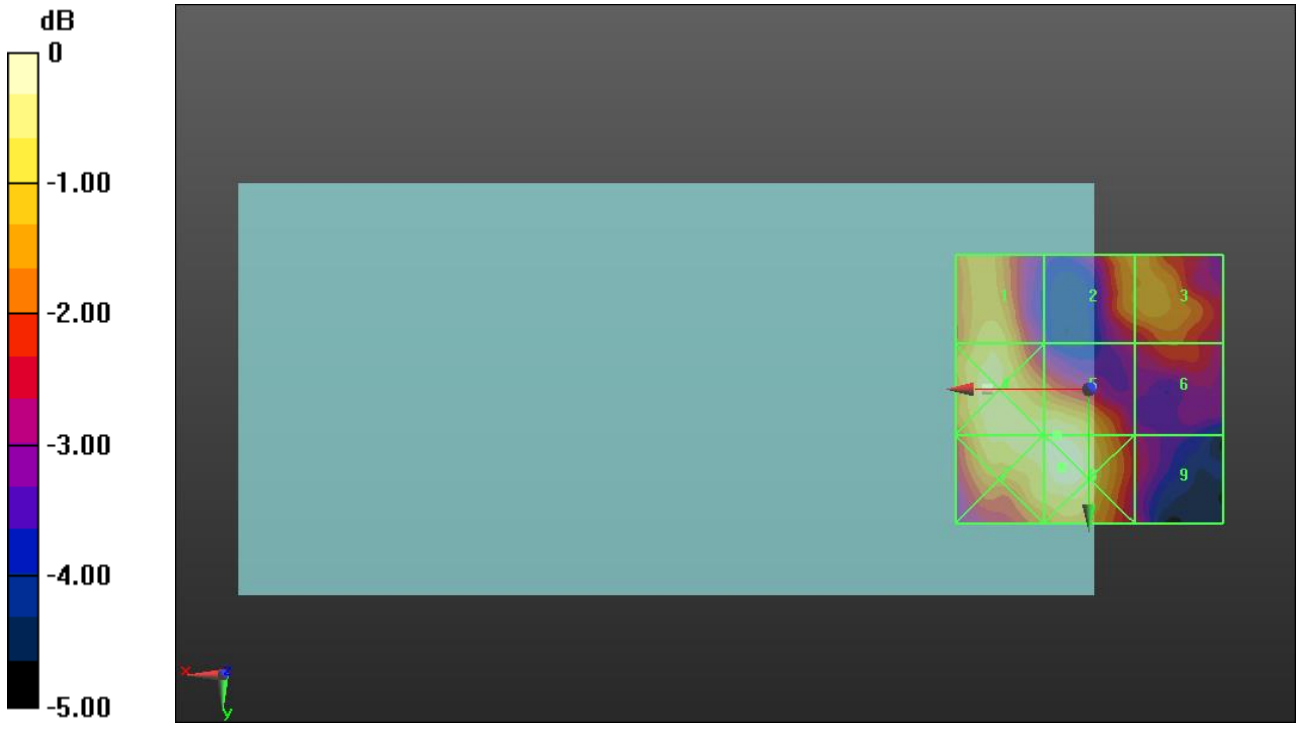
Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5720 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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. 144/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 = 8.385 V/m; Power Drift = -0.11 dB
Applied MIF = -3.15 dB
RF audio interference level = 16.02 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.62 dBV/m**	Grid 2 **M4** **15.18 dBV/m**	Grid 3 **M4** **15.32 dBV/m**
Grid 4 **M4** **15.92 dBV/m**	Grid 5 **M4** **16.02 dBV/m**	Grid 6 **M4** **14.39 dBV/m**
Grid 7 **M4** **15.99 dBV/m**	Grid 8 **M4** **16.34 dBV/m**	Grid 9 **M4** **13.9 dBV/m**



0 dB = 6.562 V/m = 16.34 dBV/m

HAC-RF Emission ANT5

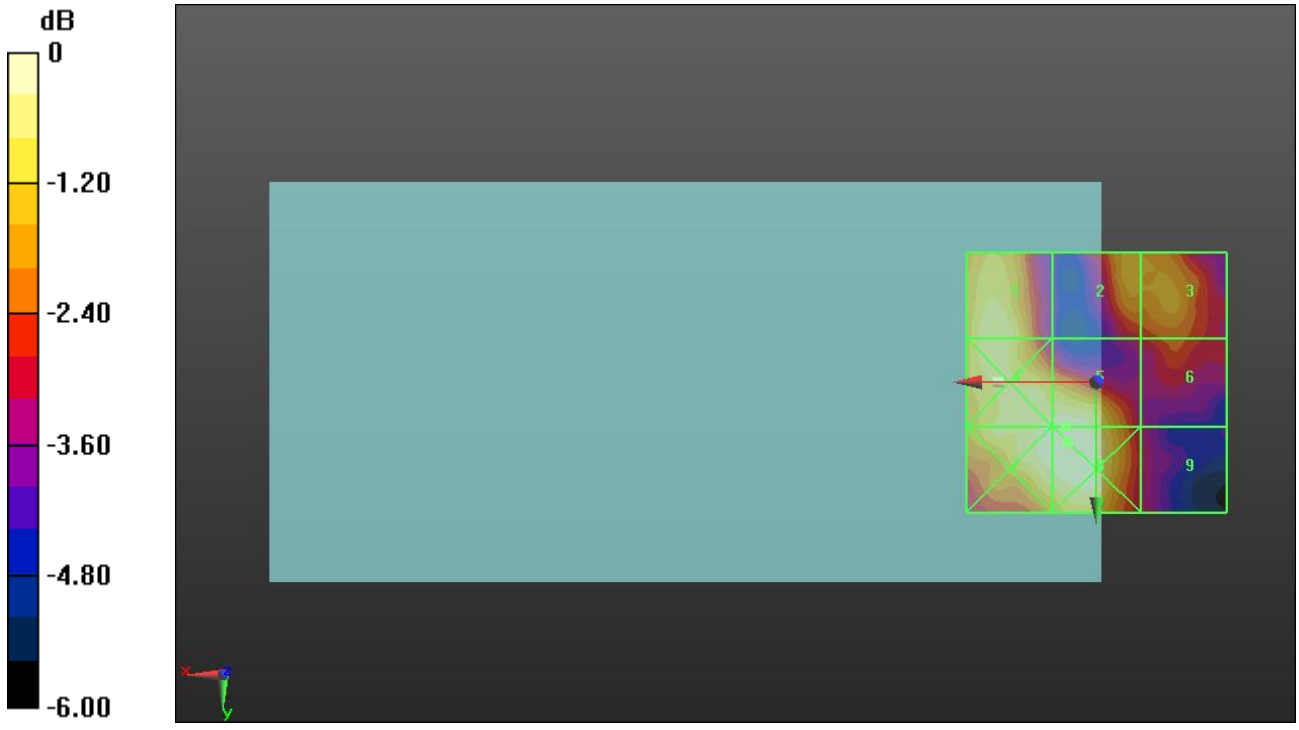
Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 8.755 V/m; Power Drift = -0.18 dB
Applied MIF = -3.15 dB
RF audio interference level = 16.11 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.88 dBV/m**	Grid 2 **M4** **14.97 dBV/m**	Grid 3 **M4** **14.9 dBV/m**
Grid 4 **M4** **15.99 dBV/m**	Grid 5 **M4** **16.11 dBV/m**	Grid 6 **M4** **14.07 dBV/m**
Grid 7 **M4** **16.12 dBV/m**	Grid 8 **M4** **16.27 dBV/m**	Grid 9 **M4** **13.27 dBV/m**



0 dB = 6.512 V/m = 16.27 dBV/m

HAC-RF Emission ANT5

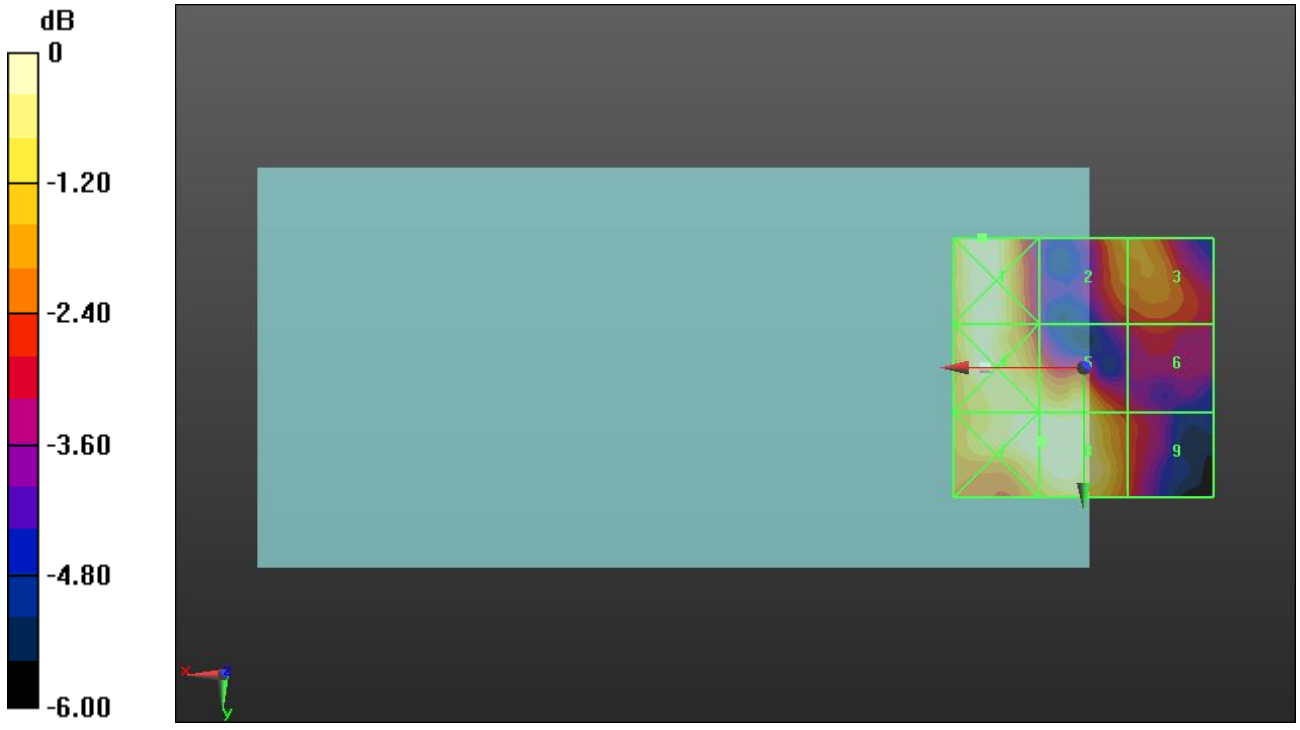
Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 7.529 V/m; Power Drift = -0.12 dB
Applied MIF = -3.15 dB
RF audio interference level = 15.61 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.61 dBV/m**	Grid 2 **M4** **14.16 dBV/m**	Grid 3 **M4** **14.15 dBV/m**
Grid 4 **M4** **15.48 dBV/m**	Grid 5 **M4** **15.17 dBV/m**	Grid 6 **M4** **13.1 dBV/m**
Grid 7 **M4** **15.61 dBV/m**	Grid 8 **M4** **15.61 dBV/m**	Grid 9 **M4** **13.3 dBV/m**



0 dB = 6.036 V/m = 15.61 dBV/m

HAC-RF Emission ANT5

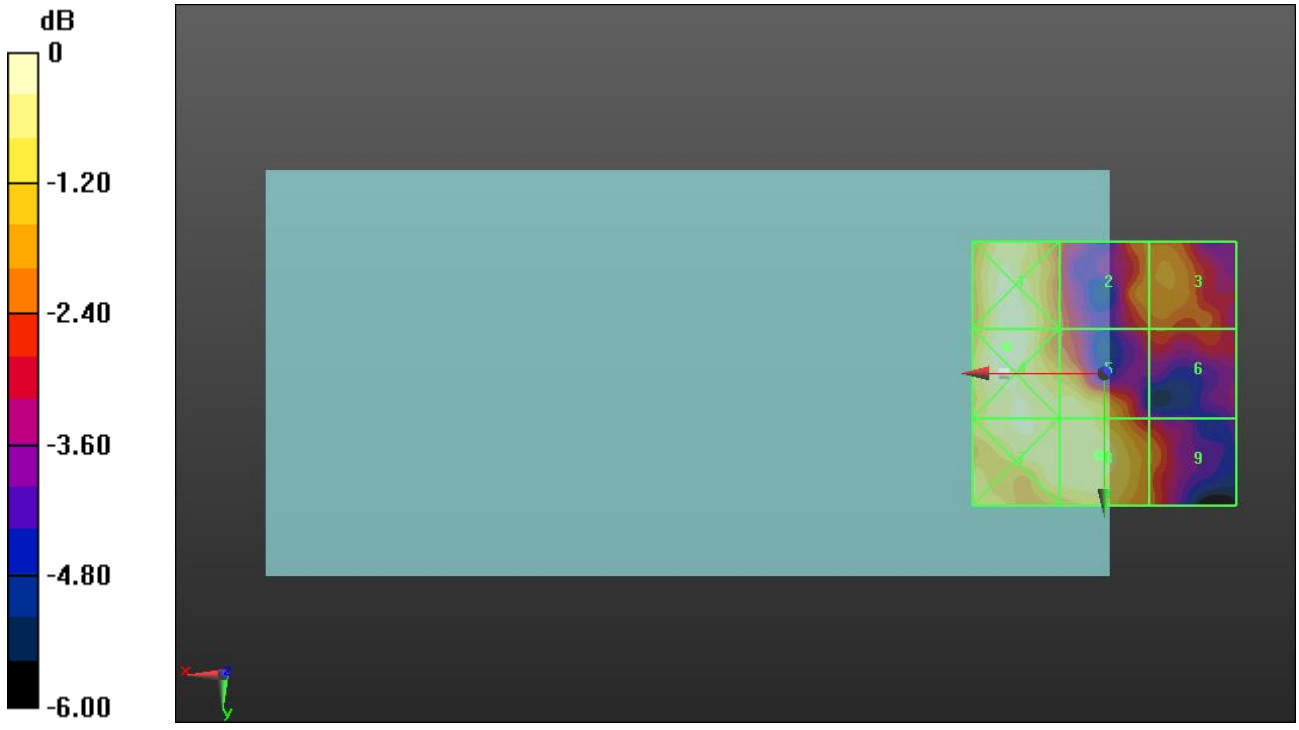
Communication System: UID 10069 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 6.449 V/m; Power Drift = 0.07 dB
Applied MIF = -3.15 dB
RF audio interference level = 13.98 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.25 dBV/m**	Grid 2 **M4** **12.59 dBV/m**	Grid 3 **M4** **12.87 dBV/m**
Grid 4 **M4** **14.34 dBV/m**	Grid 5 **M4** **13.81 dBV/m**	Grid 6 **M4** **12.07 dBV/m**
Grid 7 **M4** **14.01 dBV/m**	Grid 8 **M4** **13.98 dBV/m**	Grid 9 **M4** **12.51 dBV/m**



0 dB = 5.211 V/m = 14.34 dBV/m

HAC-RF Emission ANT7

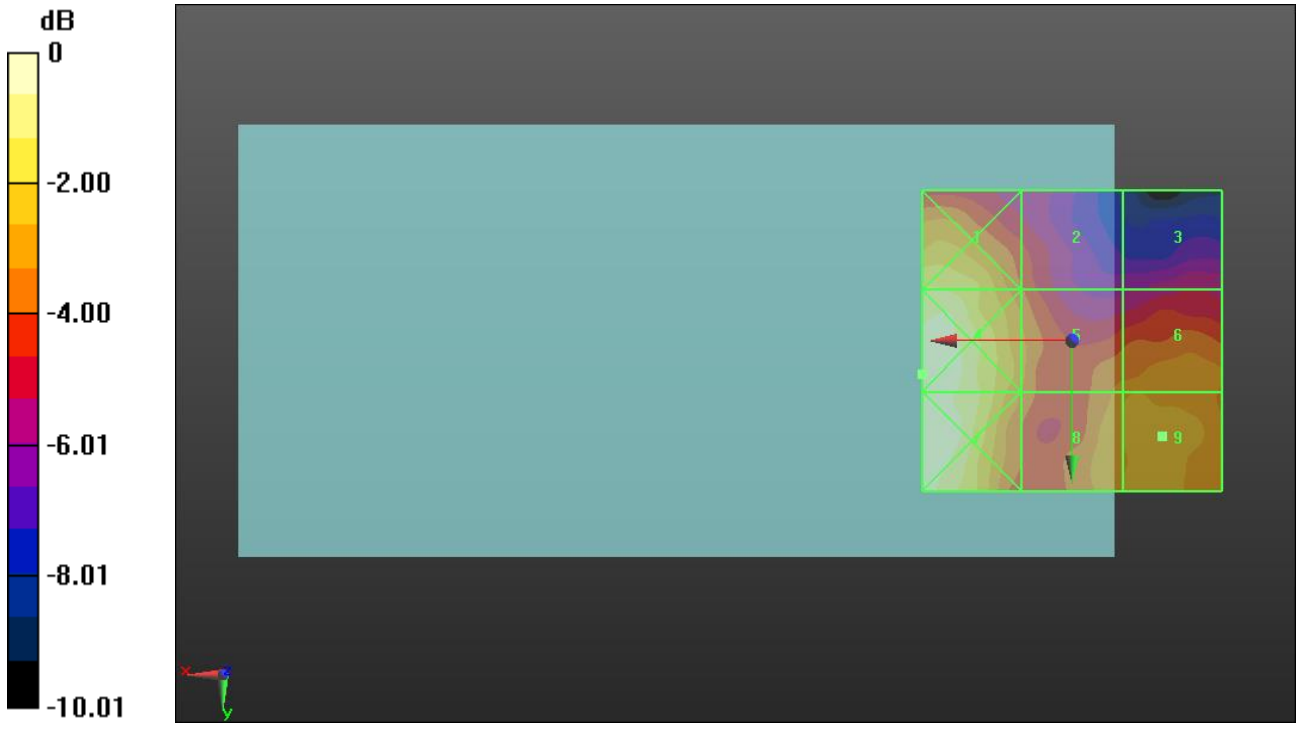
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 9.413 V/m; Power Drift = -0.11 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.95 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.96 dBV/m**	Grid 2 **M4** **19.31 dBV/m**	Grid 3 **M4** **17.94 dBV/m**
Grid 4 **M4** **23.21 dBV/m**	Grid 5 **M4** **20.26 dBV/m**	Grid 6 **M4** **20.51 dBV/m**
Grid 7 **M4** **23.11 dBV/m**	Grid 8 **M4** **20.59 dBV/m**	Grid 9 **M4** **20.95 dBV/m**



0 dB = 14.46 V/m = 23.20 dBV/m

HAC-RF Emission ANT7

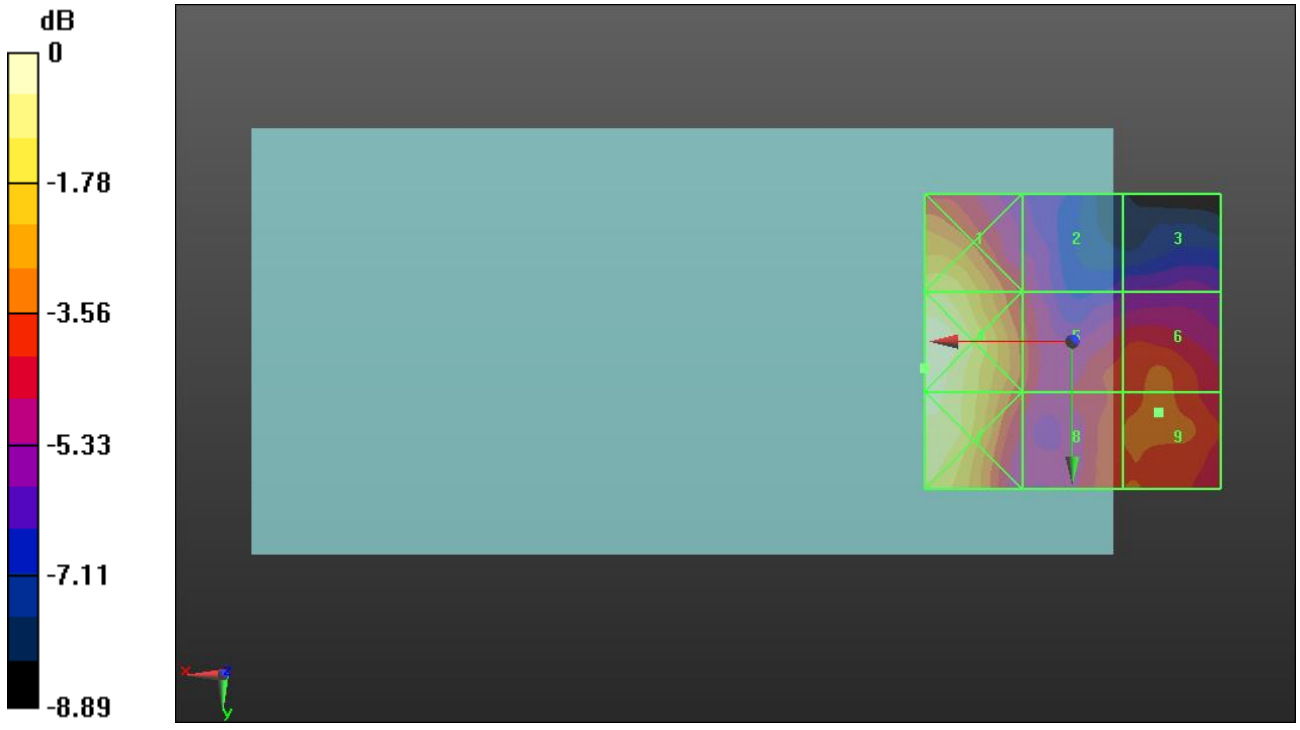
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 8.905 V/m; Power Drift = 0.30 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.09 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.17 dBV/m**	Grid 2 **M4** **19 dBV/m**	Grid 3 **M4** **17.8 dBV/m**
Grid 4 **M4** **23.4 dBV/m**	Grid 5 **M4** **19.75 dBV/m**	Grid 6 **M4** **20.04 dBV/m**
Grid 7 **M4** **23.12 dBV/m**	Grid 8 **M4** **19.87 dBV/m**	Grid 9 **M4** **20.09 dBV/m**



0 dB = 14.80 V/m = 23.41 dBV/m

HAC-RF Emission ANT7

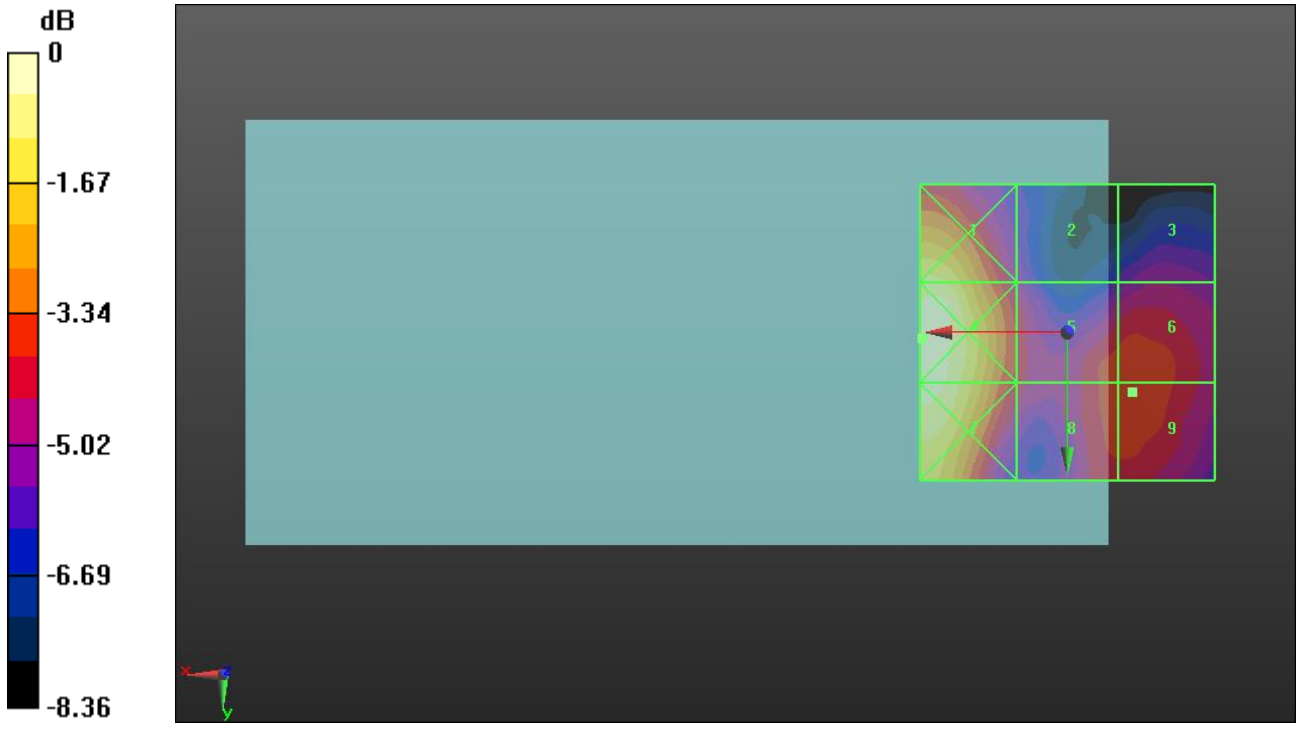
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 9.823 V/m; Power Drift = -0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.13 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.61 dBV/m**	Grid 2 **M4** **18.61 dBV/m**	Grid 3 **M4** **18.56 dBV/m**
Grid 4 **M4** **23.51 dBV/m**	Grid 5 **M4** **19.99 dBV/m**	Grid 6 **M4** **20.1 dBV/m**
Grid 7 **M4** **23.23 dBV/m**	Grid 8 **M4** **20.02 dBV/m**	Grid 9 **M4** **20.13 dBV/m**



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

HAC-RF Emission ANT7

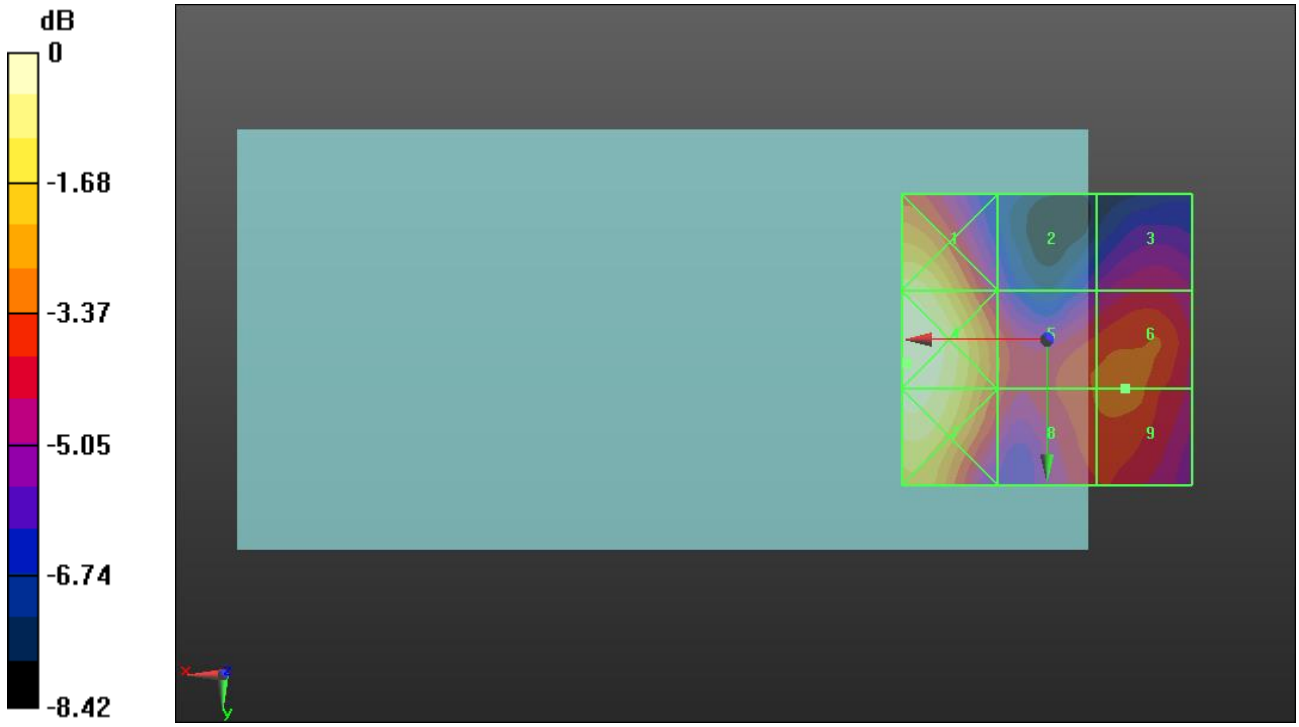
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 10.75 V/m; Power Drift = -0.21 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.07 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.37 dBV/m**	Grid 2 **M4** **17.98 dBV/m**	Grid 3 **M4** **18.72 dBV/m**
Grid 4 **M4** **23.13 dBV/m**	Grid 5 **M4** **19.92 dBV/m**	Grid 6 **M4** **20.07 dBV/m**
Grid 7 **M4** **22.89 dBV/m**	Grid 8 **M4** **19.86 dBV/m**	Grid 9 **M4** **20.07 dBV/m**



0 dB = 14.34 V/m = 23.13 dBV/m

HAC-RF Emission ANT8

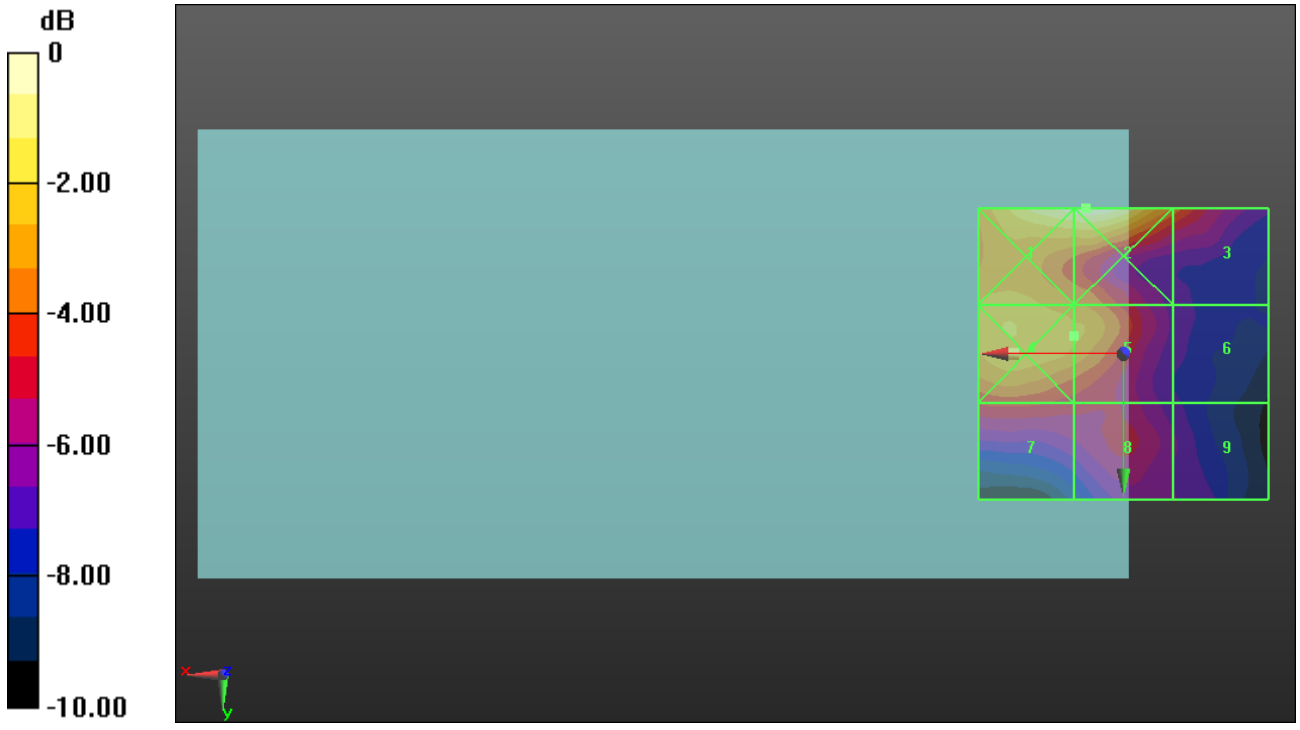
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 13.76 V/m; Power Drift = 0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.09 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.43 dBV/m**	Grid 2 **M4** **22.63 dBV/m**	Grid 3 **M4** **19.18 dBV/m**
Grid 4 **M4** **20.68 dBV/m**	Grid 5 **M4** **20.1 dBV/m**	Grid 6 **M4** **15.82 dBV/m**
Grid 7 **M4** **18.2 dBV/m**	Grid 8 **M4** **17.67 dBV/m**	Grid 9 **M4** **16.14 dBV/m**



0 dB = 13.54 V/m = 22.63 dBV/m

HAC-RF Emission ANT8

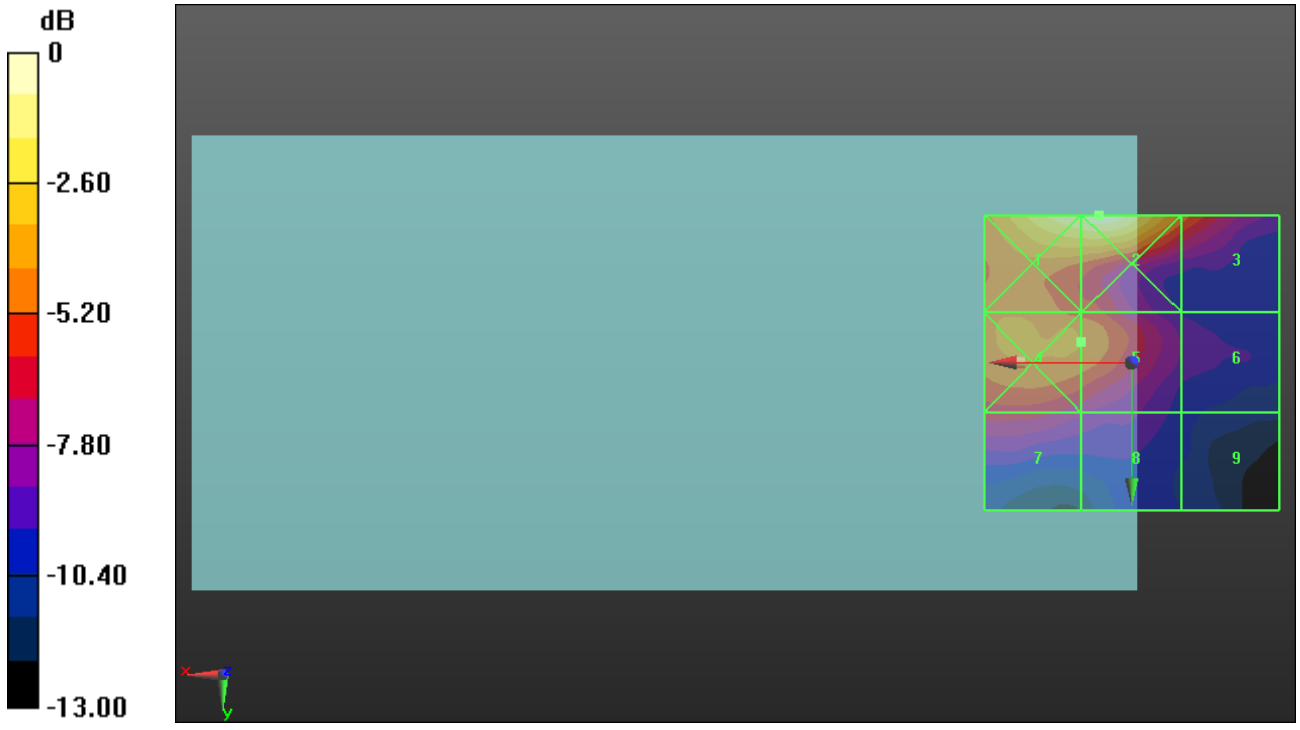
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 15.38 V/m; Power Drift = 0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.23 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.95 dBV/m**	Grid 2 **M4** **24.54 dBV/m**	Grid 3 **M4** **20.03 dBV/m**
Grid 4 **M4** **20.58 dBV/m**	Grid 5 **M4** **20.23 dBV/m**	Grid 6 **M4** **15.9 dBV/m**
Grid 7 **M4** **18.1 dBV/m**	Grid 8 **M4** **16.92 dBV/m**	Grid 9 **M4** **14.6 dBV/m**



0 dB = 16.87 V/m = 24.54 dBV/m

HAC-RF Emission ANT8

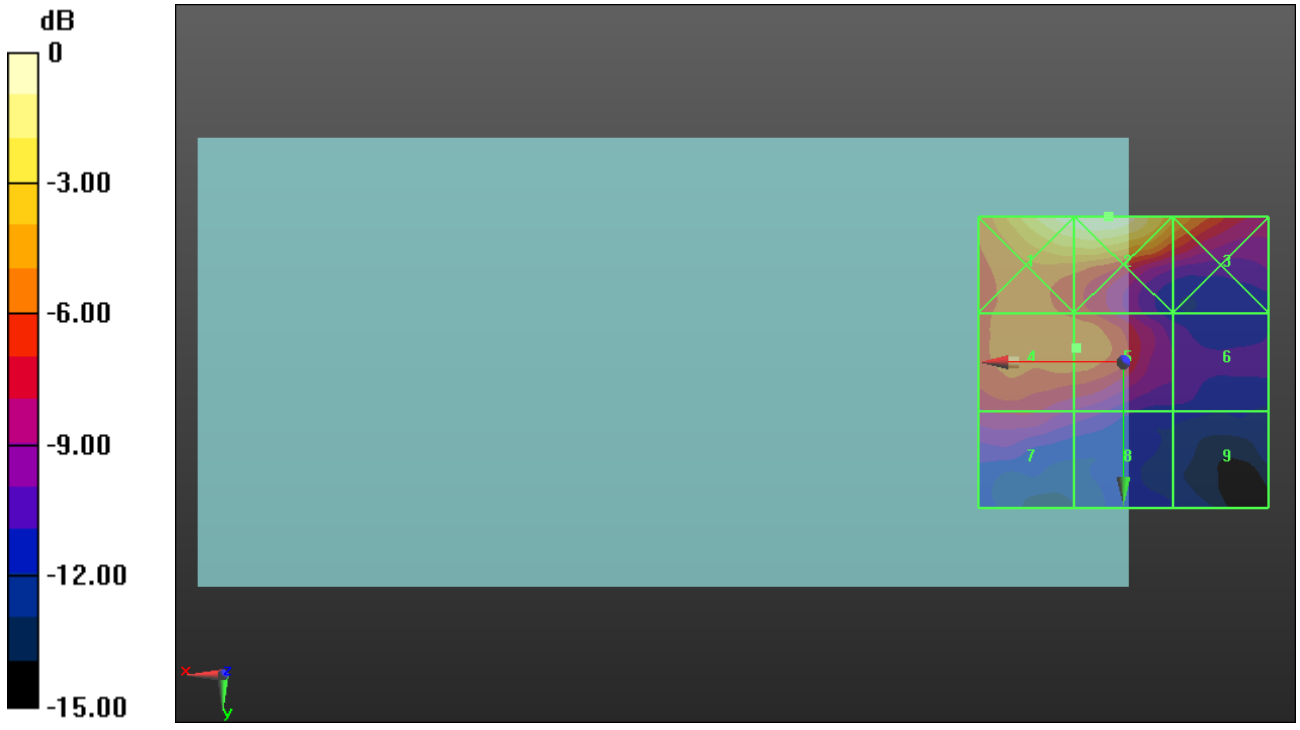
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 15.88 V/m; Power Drift = -0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.74 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.63 dBV/m**	Grid 2 **M4** **24.86 dBV/m**	Grid 3 **M4** **21.16 dBV/m**
Grid 4 **M4** **19.74 dBV/m**	Grid 5 **M4** **19.74 dBV/m**	Grid 6 **M4** **14.9 dBV/m**
Grid 7 **M4** **17.09 dBV/m**	Grid 8 **M4** **15.73 dBV/m**	Grid 9 **M4** **13.43 dBV/m**



0 dB = 17.50 V/m = 24.86 dBV/m

HAC-RF Emission ANT8

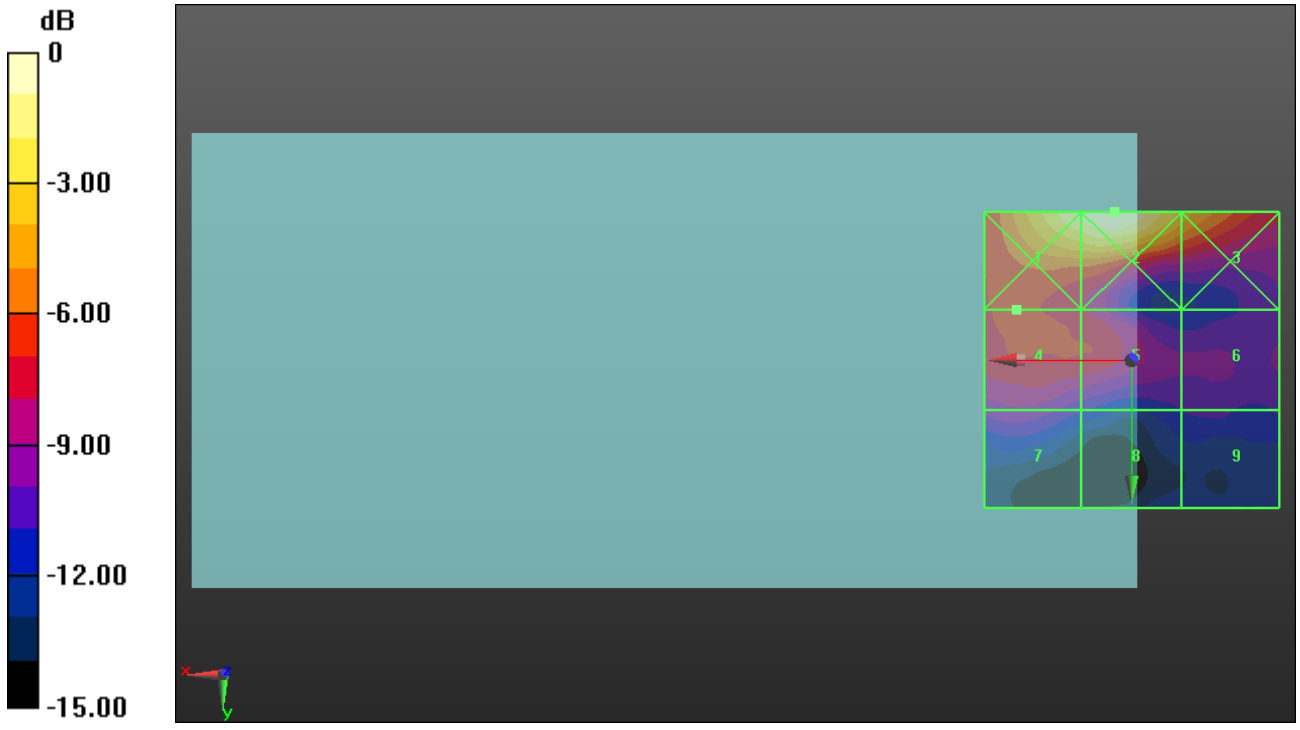
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 15.98 V/m; Power Drift = -0.09 dB
Applied MIF = -1.44 dB
RF audio interference level = 18.45 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.5 dBV/m**	Grid 2 **M4** **25.18 dBV/m**	Grid 3 **M4** **21.86 dBV/m**
Grid 4 **M4** **18.45 dBV/m**	Grid 5 **M4** **18.27 dBV/m**	Grid 6 **M4** **15.45 dBV/m**
Grid 7 **M4** **16.04 dBV/m**	Grid 8 **M4** **14.33 dBV/m**	Grid 9 **M4** **14.47 dBV/m**



0 dB = 18.15 V/m = 25.18 dBV/m

HAC-RF Emission ANT9

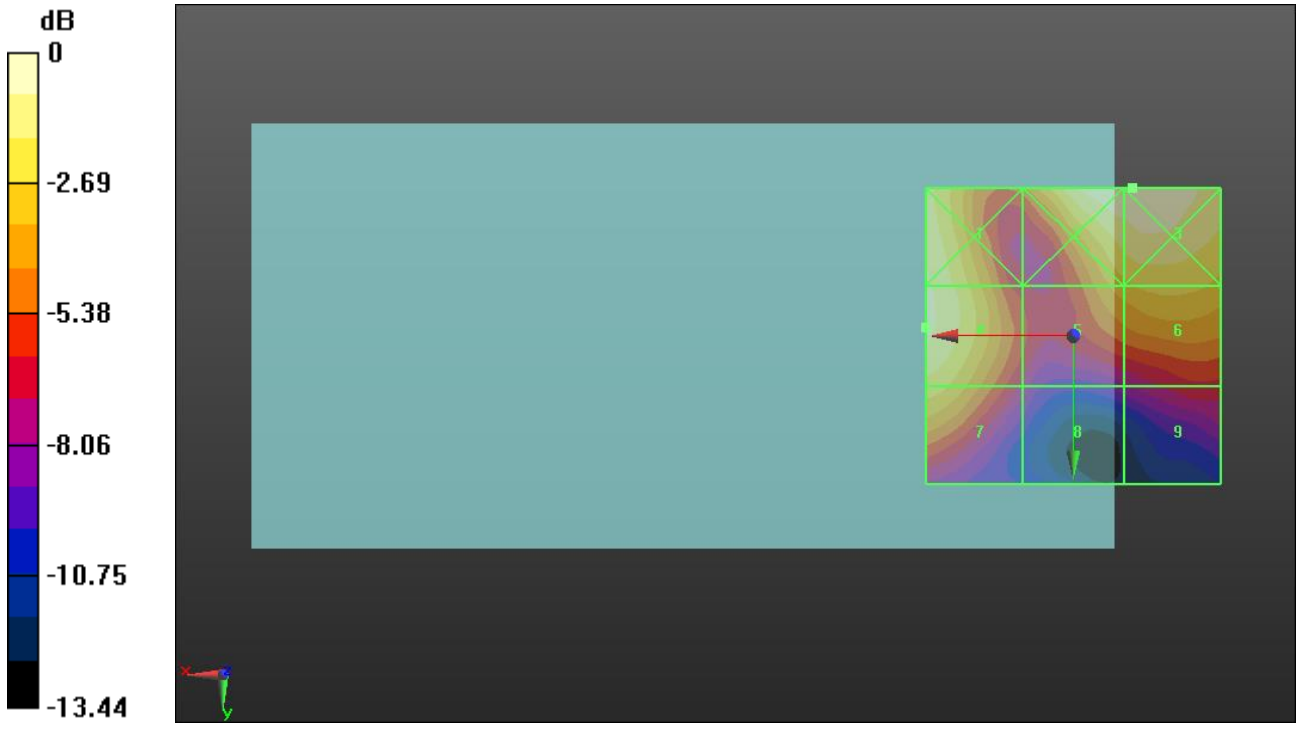
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 11.03 V/m; Power Drift = 0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.08 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.01 dBV/m**	Grid 2 **M4** **24.73 dBV/m**	Grid 3 **M4** **24.77 dBV/m**
Grid 4 **M4** **24.08 dBV/m**	Grid 5 **M4** **21.8 dBV/m**	Grid 6 **M4** **22.4 dBV/m**
Grid 7 **M4** **22.65 dBV/m**	Grid 8 **M4** **17.19 dBV/m**	Grid 9 **M4** **18.34 dBV/m**



0 dB = 17.32 V/m = 24.77 dBV/m

HAC-RF Emission ANT9

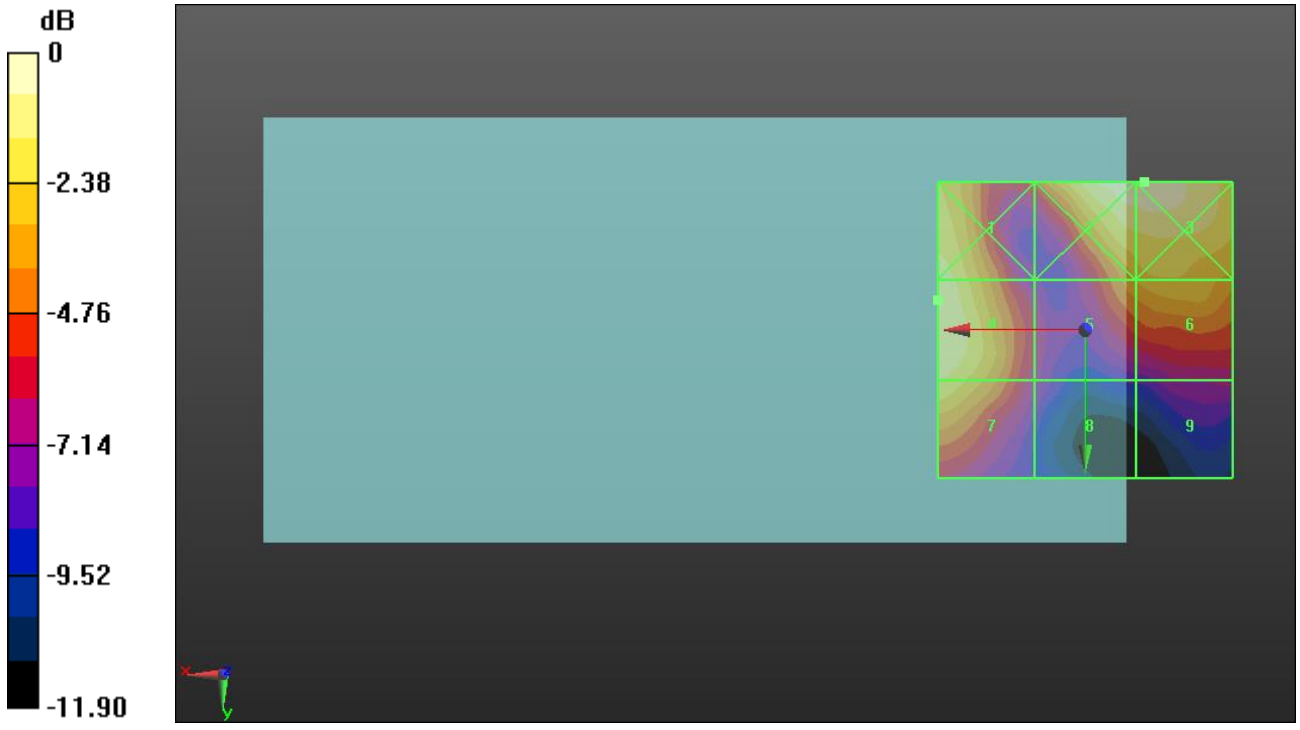
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 10.81 V/m; Power Drift = 0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.75 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.38 dBV/m**	Grid 2 **M4** **25.37 dBV/m**	Grid 3 **M4** **25.41 dBV/m**
Grid 4 **M4** **24.75 dBV/m**	Grid 5 **M4** **22.29 dBV/m**	Grid 6 **M4** **22.98 dBV/m**
Grid 7 **M4** **23.89 dBV/m**	Grid 8 **M4** **18.53 dBV/m**	Grid 9 **M4** **18.59 dBV/m**



0 dB = 18.65 V/m = 25.41 dBV/m

HAC-RF Emission ANT9

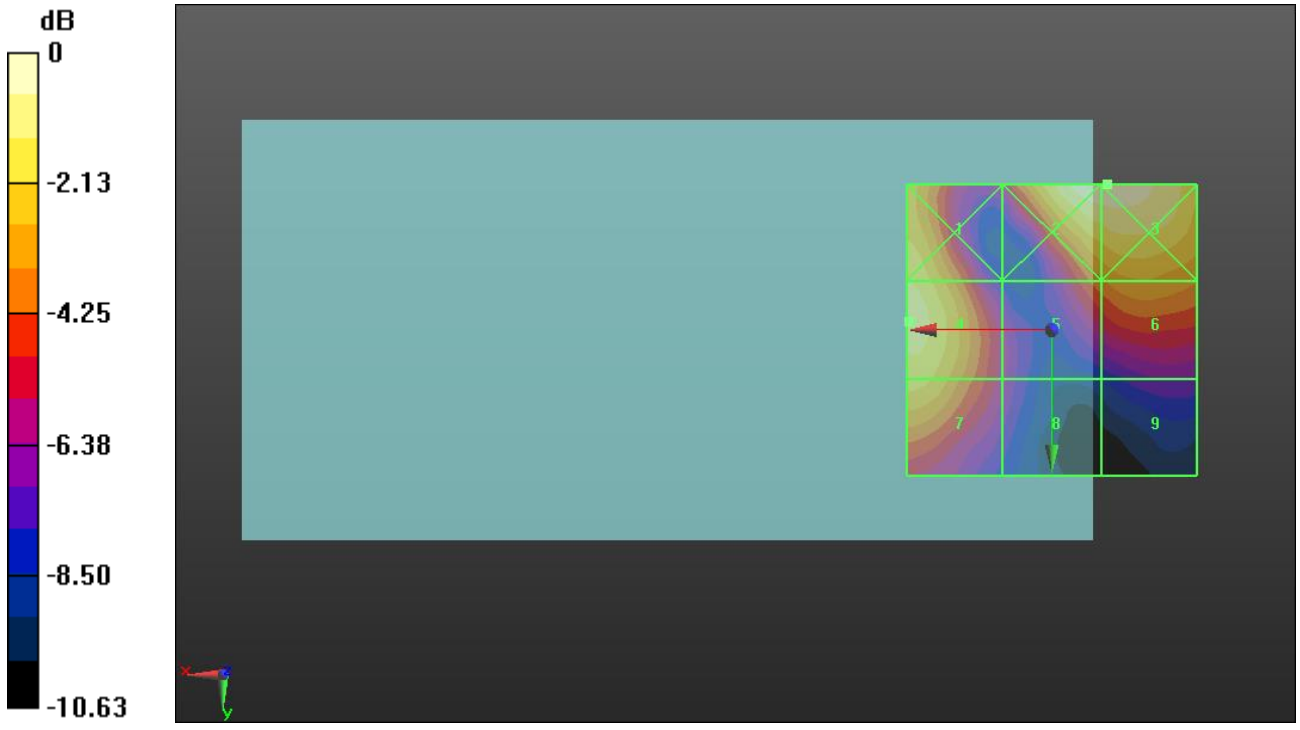
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 9.313 V/m; Power Drift = 0.16 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.08 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.8 dBV/m**	Grid 2 **M4** **25.16 dBV/m**	Grid 3 **M4** **25.18 dBV/m**
Grid 4 **M4** **24.08 dBV/m**	Grid 5 **M4** **21.52 dBV/m**	Grid 6 **M4** **22.34 dBV/m**
Grid 7 **M4** **23.36 dBV/m**	Grid 8 **M4** **19.08 dBV/m**	Grid 9 **M4** **18.13 dBV/m**



0 dB = 18.15 V/m = 25.18 dBV/m

HAC-RF Emission ANT9

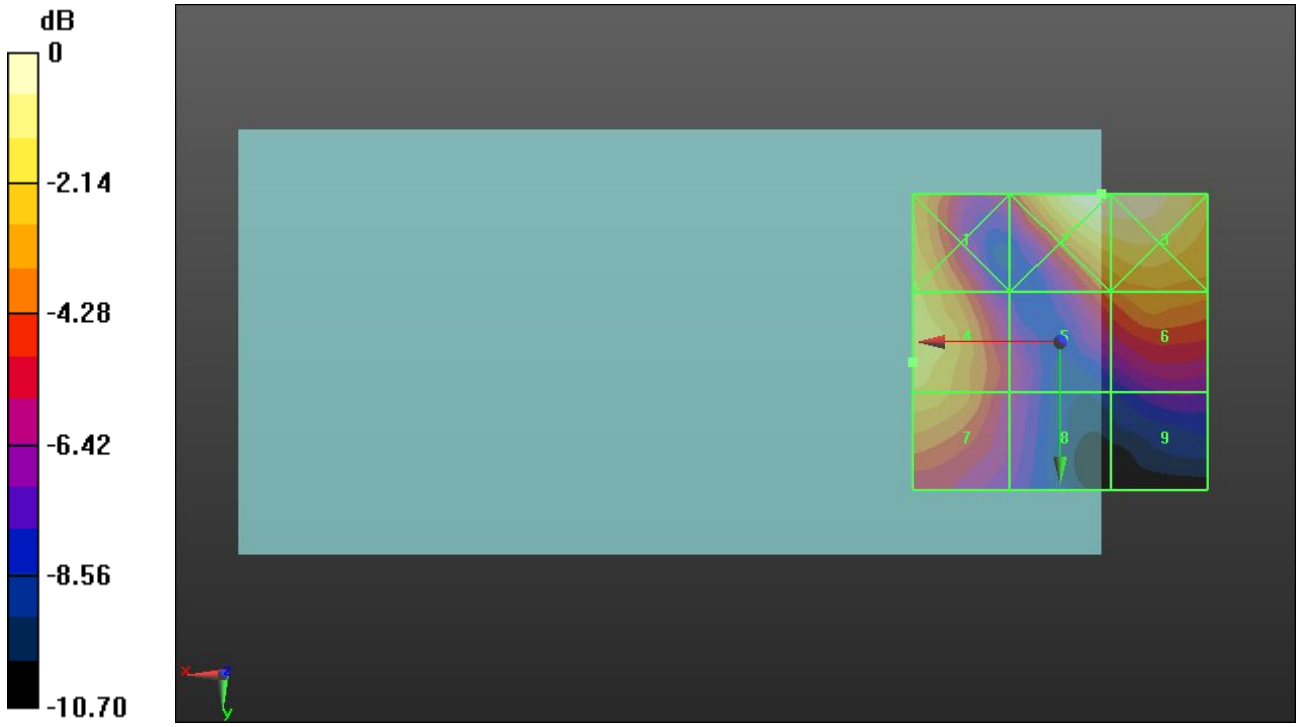
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- 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 = 8.871 V/m; Power Drift = 0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.59 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.22 dBV/m**	Grid 2 **M4** **25.16 dBV/m**	Grid 3 **M4** **25.13 dBV/m**
Grid 4 **M4** **23.59 dBV/m**	Grid 5 **M4** **21.28 dBV/m**	Grid 6 **M4** **22.22 dBV/m**
Grid 7 **M4** **22.92 dBV/m**	Grid 8 **M4** **19.19 dBV/m**	Grid 9 **M4** **18.24 dBV/m**



0 dB = 18.11 V/m = 25.16 dBV/m