GSM850 ANT 1

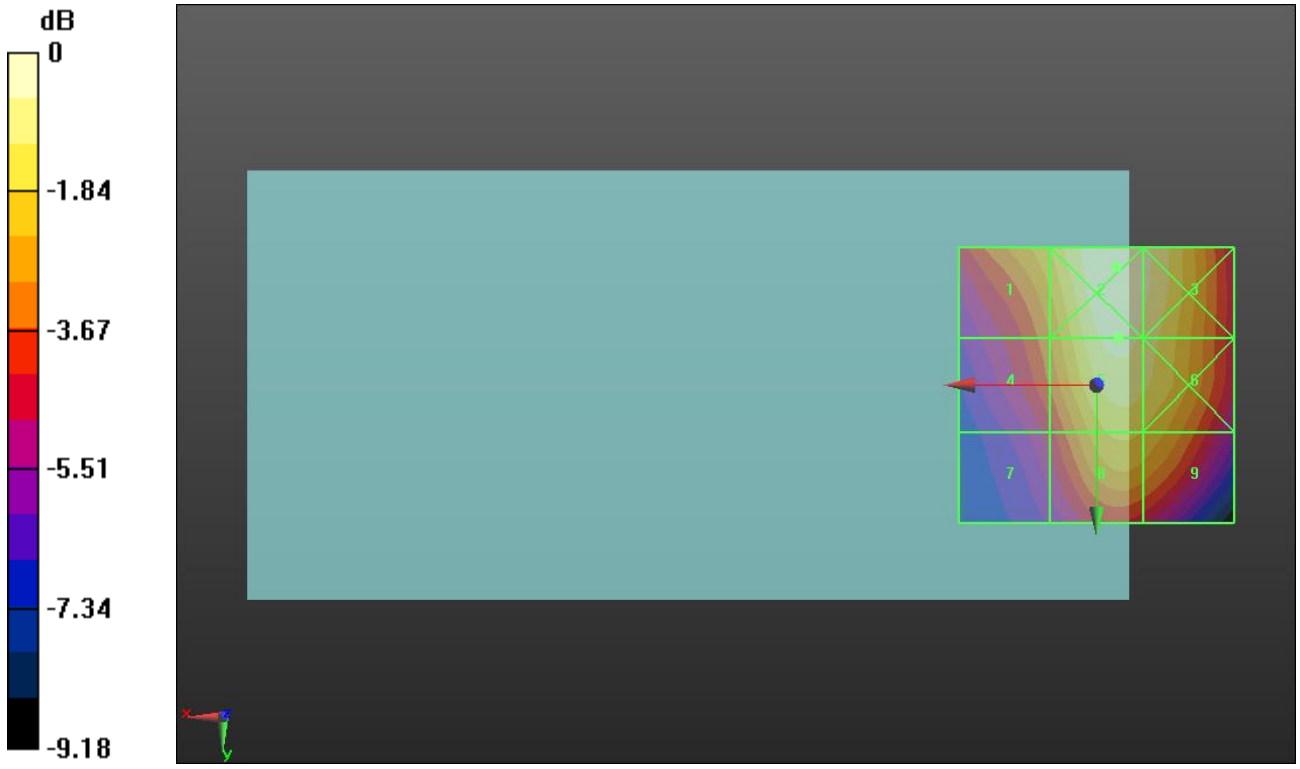
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.69961
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM850 E-Field measurement/Voice_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 = 106.3 V/m; Power Drift = -0.13 dB
Applied MIF = 3.63 dB
RF audio interference level = 39.95 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **38.55 dBV/m**	Grid 2 **M3** **40.35 dBV/m**	Grid 3 **M4** **39.95 dBV/m**
Grid 4 **M4** **37.26 dBV/m**	Grid 5 **M4** **39.95 dBV/m**	Grid 6 **M4** **39.56 dBV/m**
Grid 7 **M4** **35.8 dBV/m**	Grid 8 **M4** **38.69 dBV/m**	Grid 9 **M4** **38.47 dBV/m**



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

GSM850 ANT 1

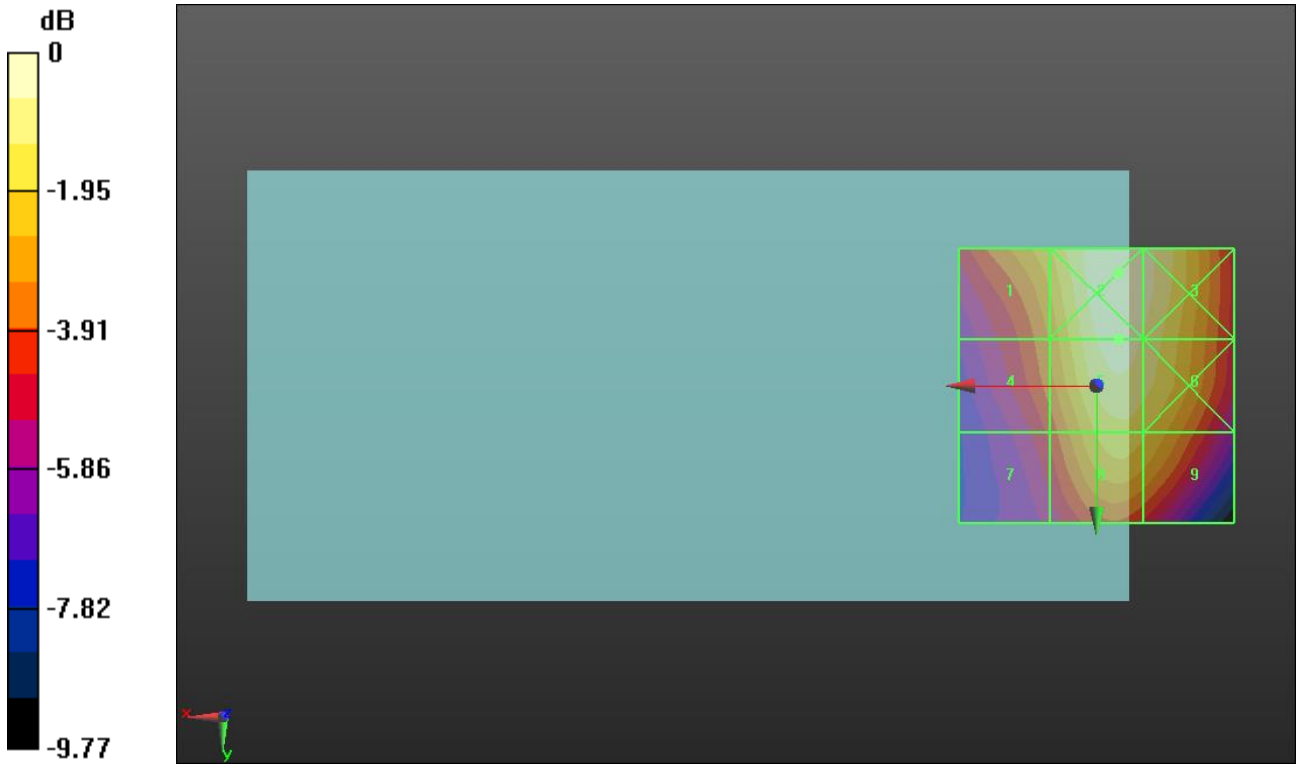
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.69961
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM850 E-Field measurement/Voice_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 = 105.0 V/m; Power Drift = -0.06 dB
Applied MIF = 3.63 dB
RF audio interference level = 39.66 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **38.07 dBV/m**	Grid 2 **M3** **40.01 dBV/m**	Grid 3 **M4** **39.67 dBV/m**
Grid 4 **M4** **36.89 dBV/m**	Grid 5 **M4** **39.66 dBV/m**	Grid 6 **M4** **39.3 dBV/m**
Grid 7 **M4** **35.68 dBV/m**	Grid 8 **M4** **38.53 dBV/m**	Grid 9 **M4** **38.21 dBV/m**



0 dB = 100.2 V/m = 40.02 dBV/m

GSM850 ANT 1

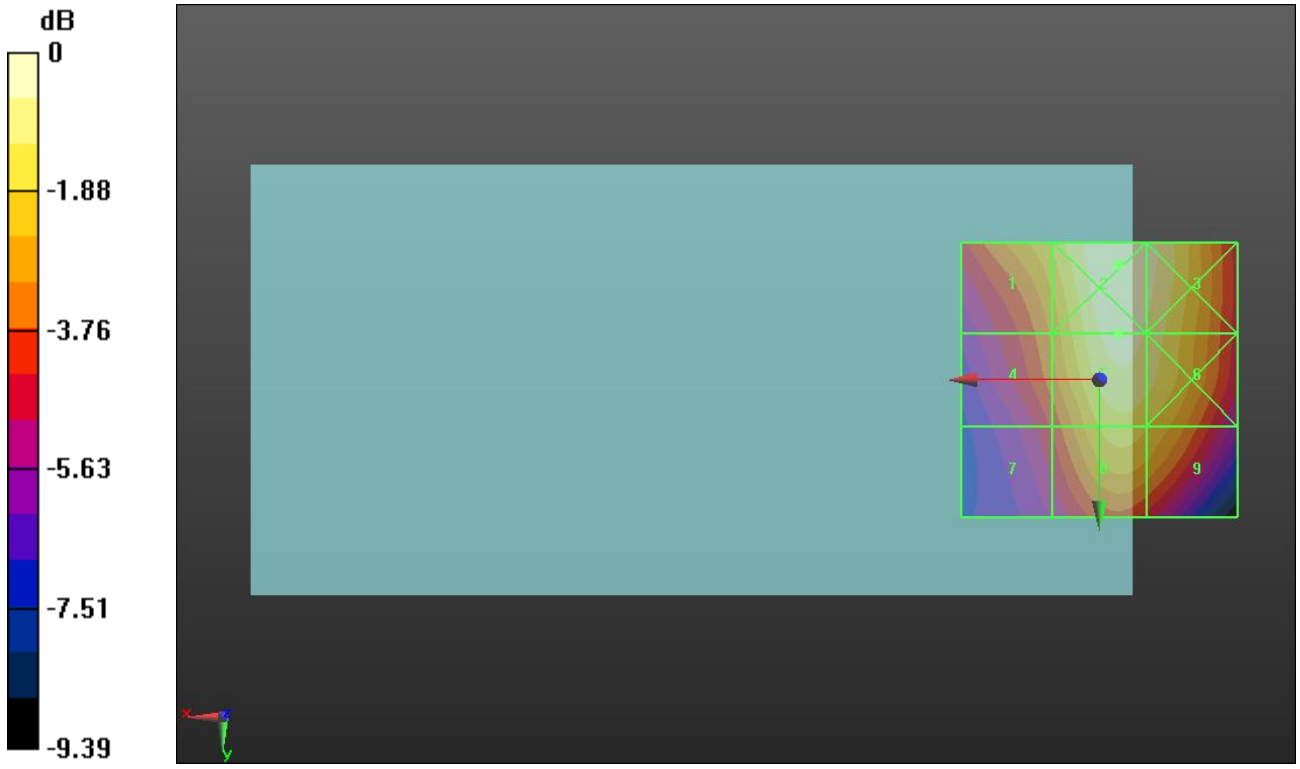
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.69961
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM850 E-Field measurement/Voice_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 = 107.3 V/m; Power Drift = -0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 39.88 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **38.53 dBV/m**	Grid 2 **M3** **40.26 dBV/m**	Grid 3 **M4** **39.92 dBV/m**
Grid 4 **M4** **37.32 dBV/m**	Grid 5 **M4** **39.88 dBV/m**	Grid 6 **M4** **39.54 dBV/m**
Grid 7 **M4** **36.04 dBV/m**	Grid 8 **M4** **38.75 dBV/m**	Grid 9 **M4** **38.46 dBV/m**



0 dB = 103.0 V/m = 40.26 dBV/m

GSM1900 ANT 1

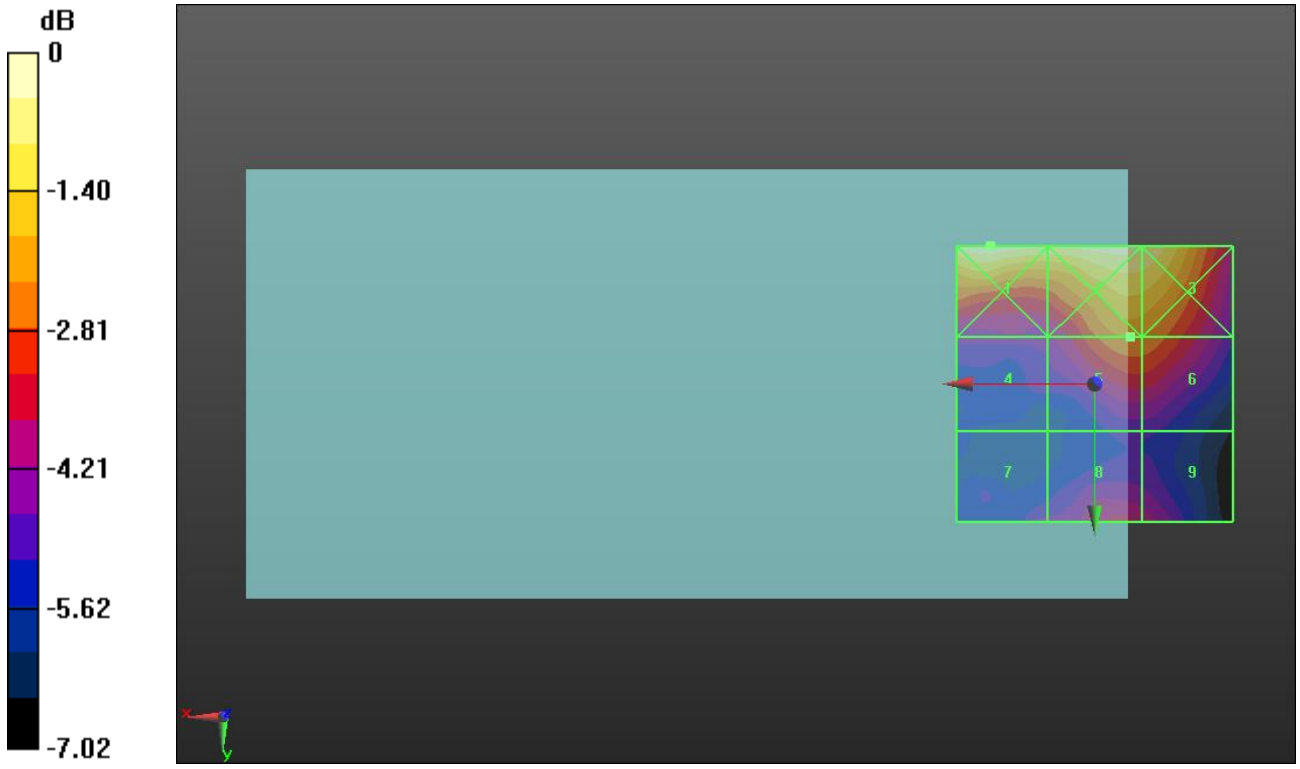
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69961
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_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 = 23.62 V/m; Power Drift = 0.17 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.67 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **31.96 dBV/m**	Grid 2 **M3** **31.75 dBV/m**	Grid 3 **M3** **31.61 dBV/m**
Grid 4 **M4** **27.68 dBV/m**	Grid 5 **M4** **29.67 dBV/m**	Grid 6 **M4** **29.62 dBV/m**
Grid 7 **M4** **27.47 dBV/m**	Grid 8 **M4** **28.37 dBV/m**	Grid 9 **M4** **28.14 dBV/m**



0 dB = 39.62 V/m = 31.96 dBV/m

GSM1900 ANT 1

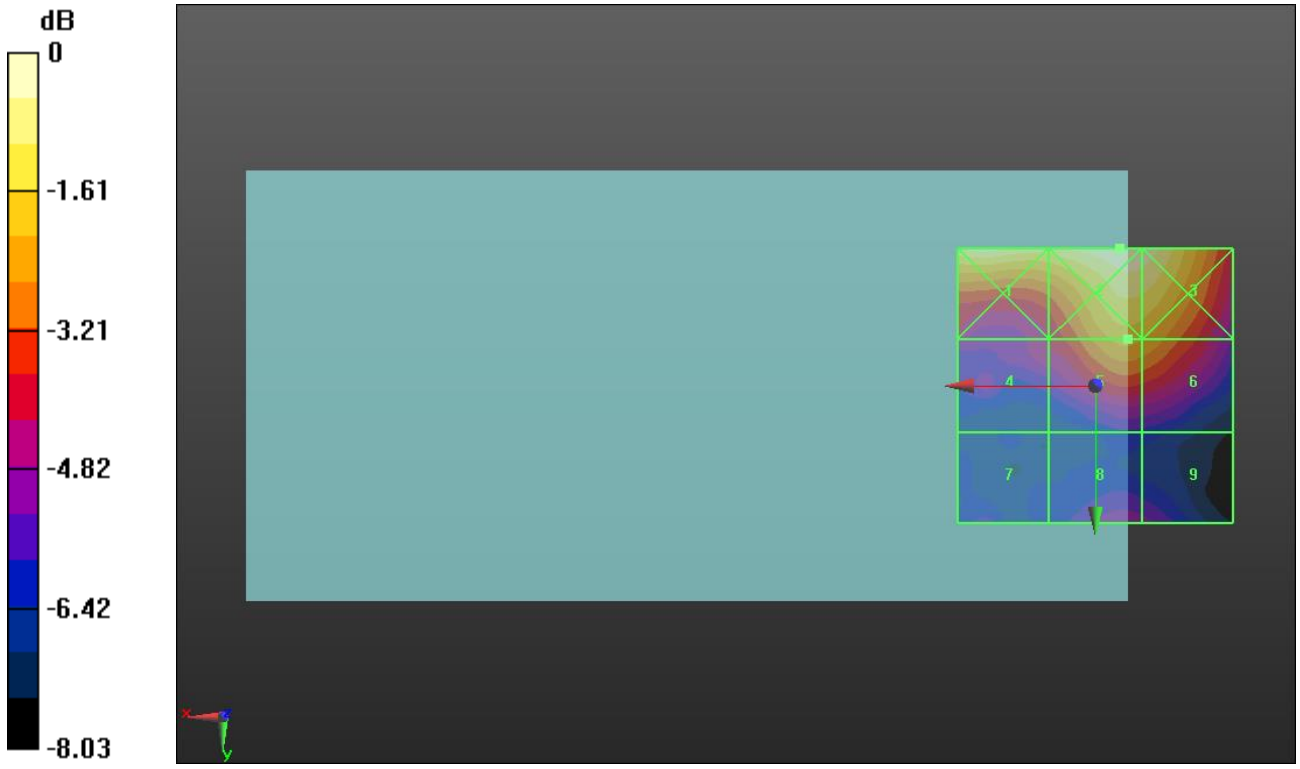
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_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 = 25.18 V/m; Power Drift = 0.11 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.98 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **31.71 dBV/m**	Grid 2 **M3** **31.93 dBV/m**	Grid 3 **M3** **31.82 dBV/m**
Grid 4 **M4** **27.64 dBV/m**	Grid 5 **M4** **29.98 dBV/m**	Grid 6 **M4** **29.82 dBV/m**
Grid 7 **M4** **26.32 dBV/m**	Grid 8 **M4** **27.07 dBV/m**	Grid 9 **M4** **26.87 dBV/m**



0 dB = 39.50 V/m = 31.93 dBV/m

GSM1900 ANT 1

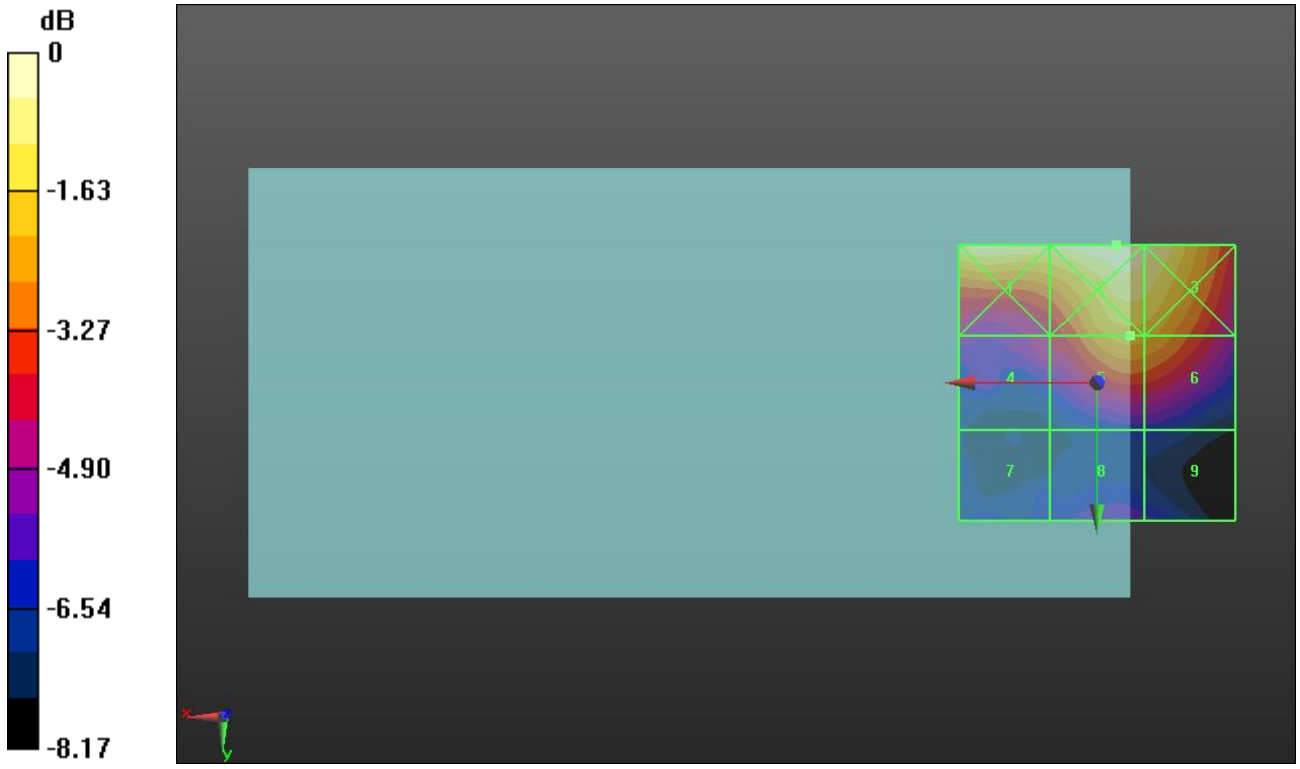
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69961
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_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 = 27.49 V/m; Power Drift = -0.16 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.76 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **32.47 dBV/m**	Grid 2 **M3** **32.66 dBV/m**	Grid 3 **M3** **32.4 dBV/m**
Grid 4 **M4** **28.33 dBV/m**	Grid 5 **M3** **30.76 dBV/m**	Grid 6 **M3** **30.66 dBV/m**
Grid 7 **M4** **26.61 dBV/m**	Grid 8 **M4** **27.35 dBV/m**	Grid 9 **M4** **27.03 dBV/m**



0 dB = 42.95 V/m = 32.66 dBV/m

CDMA2000 BC0 ANT 1

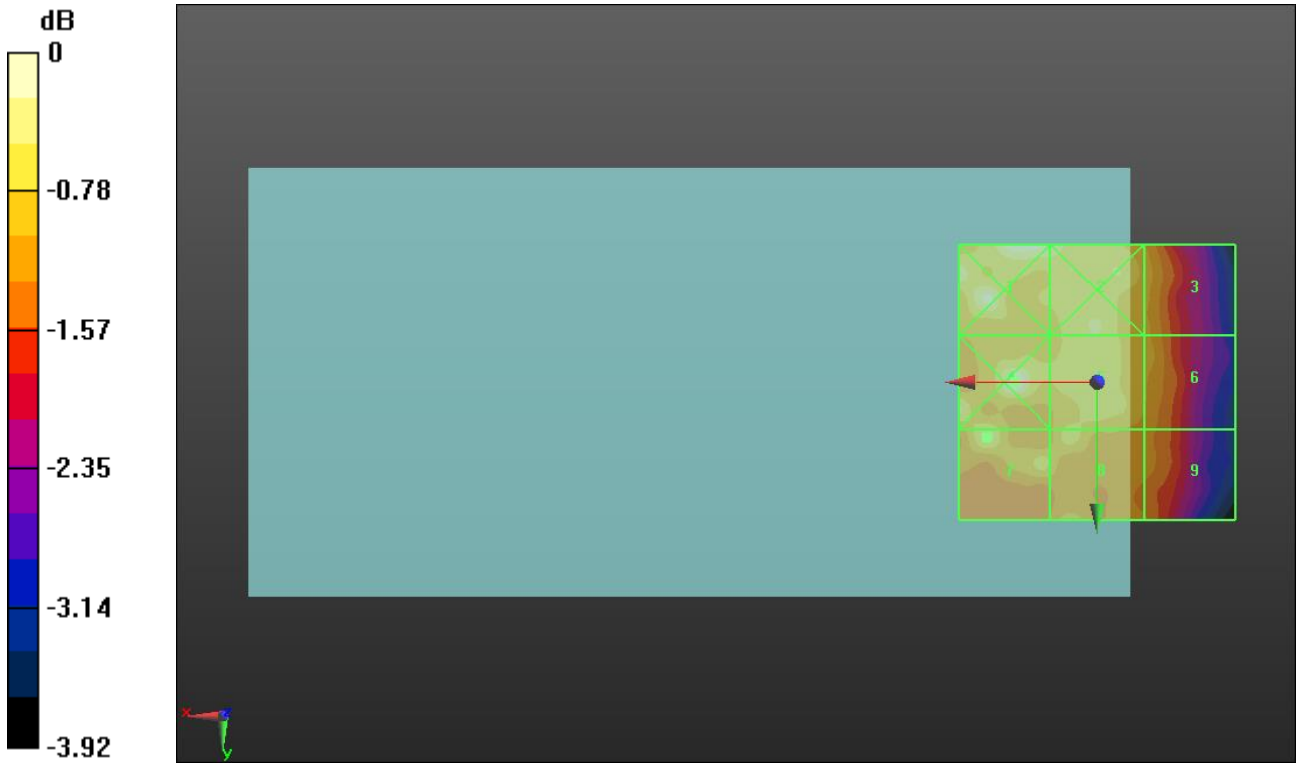
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 1013/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 = 18.08 V/m; Power Drift = 0.04 dB
Applied MIF = 3.26 dB
RF audio interference level = 26.06 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.44 dBV/m**	Grid 2 **M4** **26.2 dBV/m**	Grid 3 **M4** **25.6 dBV/m**
Grid 4 **M4** **26.46 dBV/m**	Grid 5 **M4** **25.92 dBV/m**	Grid 6 **M4** **25.58 dBV/m**
Grid 7 **M4** **26.06 dBV/m**	Grid 8 **M4** **25.81 dBV/m**	Grid 9 **M4** **25.31 dBV/m**



0 dB = 21.03 V/m = 26.46 dBV/m

CDMA2000 BC0 ANT 1

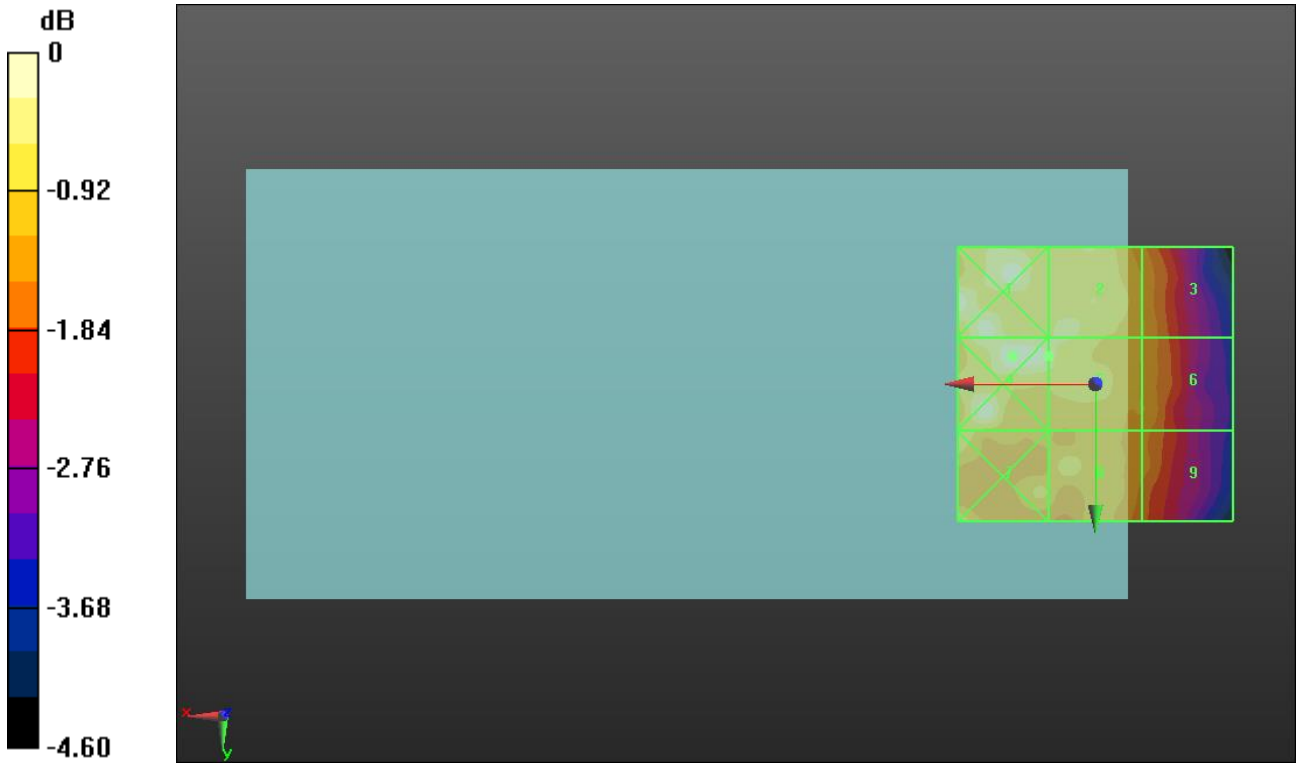
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 384/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 = 16.36 V/m; Power Drift = -0.00 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.60 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.87 dBV/m**	Grid 2 **M4** **25.52 dBV/m**	Grid 3 **M4** **24.75 dBV/m**
Grid 4 **M4** **25.94 dBV/m**	Grid 5 **M4** **25.6 dBV/m**	Grid 6 **M4** **24.74 dBV/m**
Grid 7 **M4** **25.53 dBV/m**	Grid 8 **M4** **25.21 dBV/m**	Grid 9 **M4** **24.56 dBV/m**



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

CDMA2000 BC0 ANT 1

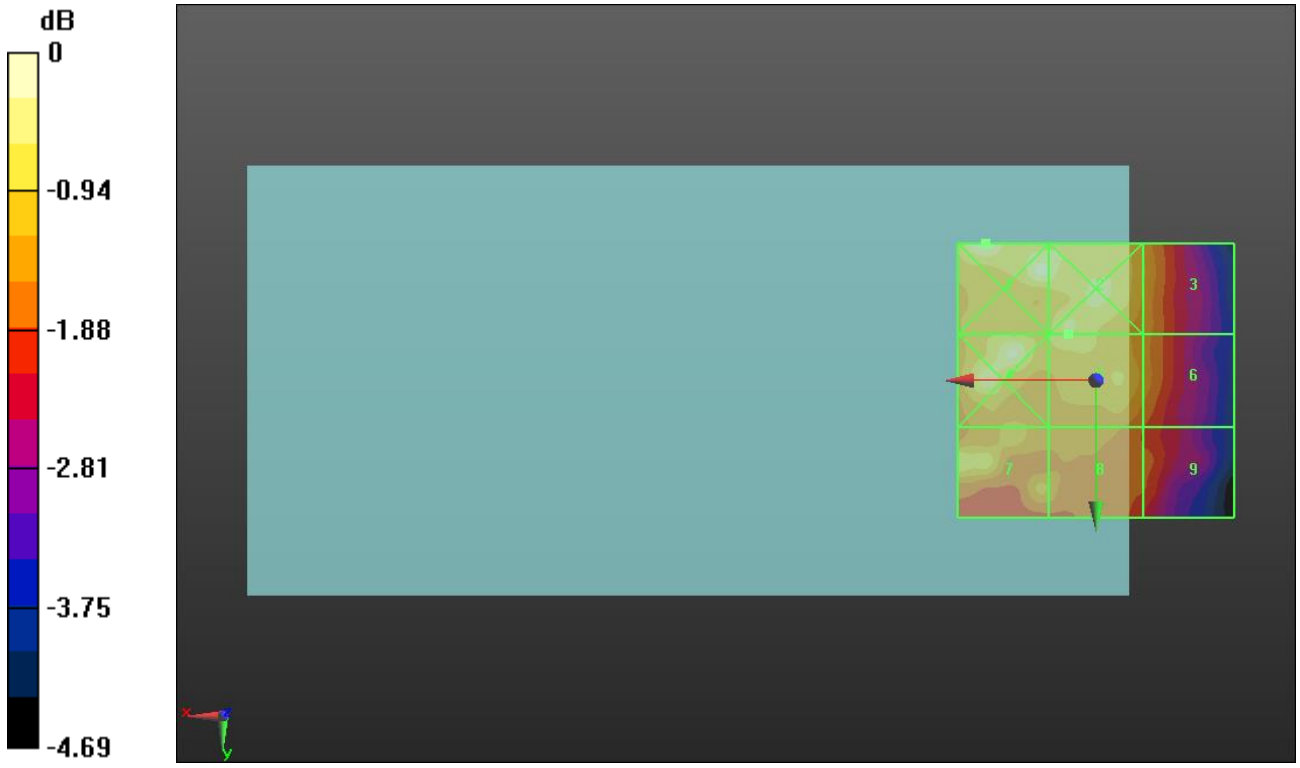
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 777/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 = 16.18 V/m; Power Drift = 0.17 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.32 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.98 dBV/m**	Grid 2 **M4** **25.65 dBV/m**	Grid 3 **M4** **24.8 dBV/m**
Grid 4 **M4** **25.73 dBV/m**	Grid 5 **M4** **25.32 dBV/m**	Grid 6 **M4** **24.66 dBV/m**
Grid 7 **M4** **25.28 dBV/m**	Grid 8 **M4** **24.71 dBV/m**	Grid 9 **M4** **24.29 dBV/m**



0 dB = 19.92 V/m = 25.99 dBV/m

CDMA2000 BC1 ANT 1

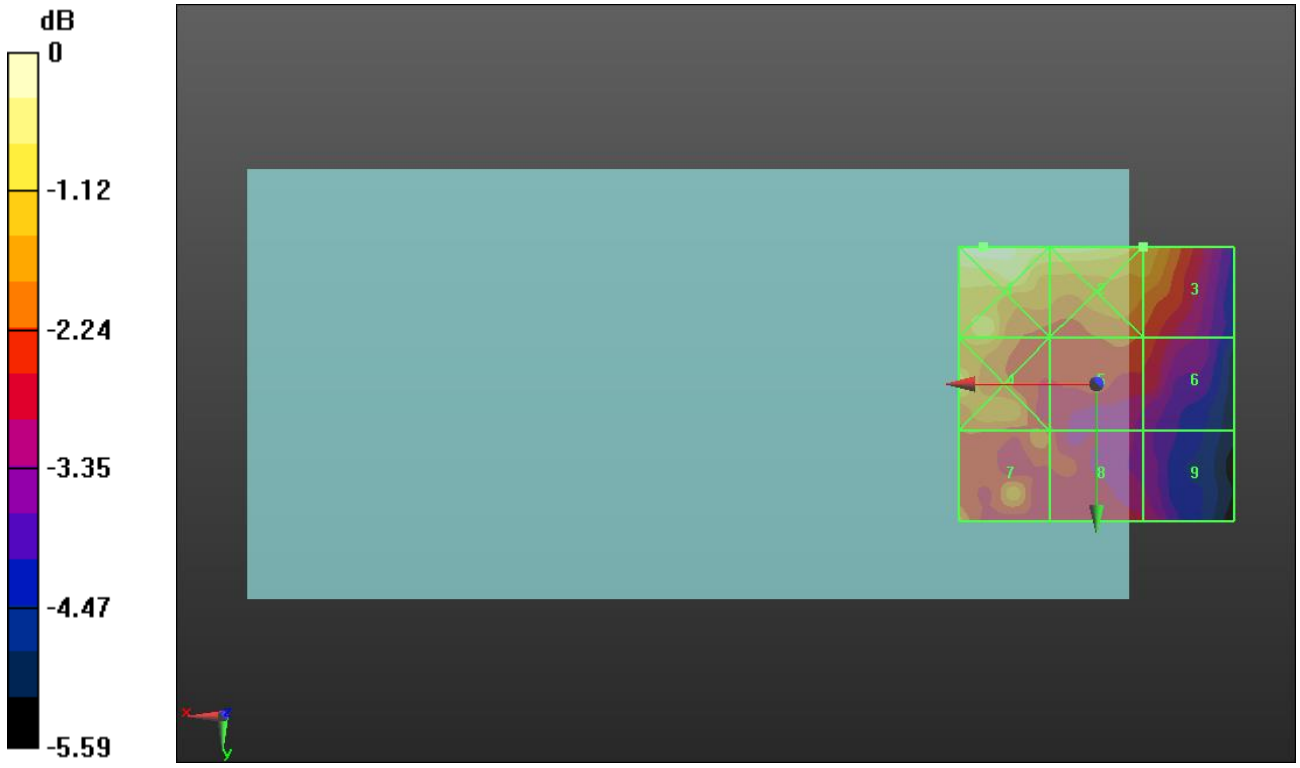
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 25/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 = 14.18 V/m; Power Drift = 0.03 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.42 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.53 dBV/m**	Grid 2 **M4** **26.13 dBV/m**	Grid 3 **M4** **25.42 dBV/m**
Grid 4 **M4** **25.76 dBV/m**	Grid 5 **M4** **24.42 dBV/m**	Grid 6 **M4** **24.2 dBV/m**
Grid 7 **M4** **24.98 dBV/m**	Grid 8 **M4** **24.27 dBV/m**	Grid 9 **M4** **23.65 dBV/m**



0 dB = 21.20 V/m = 26.53 dBV/m

CDMA2000 BC1 ANT 1

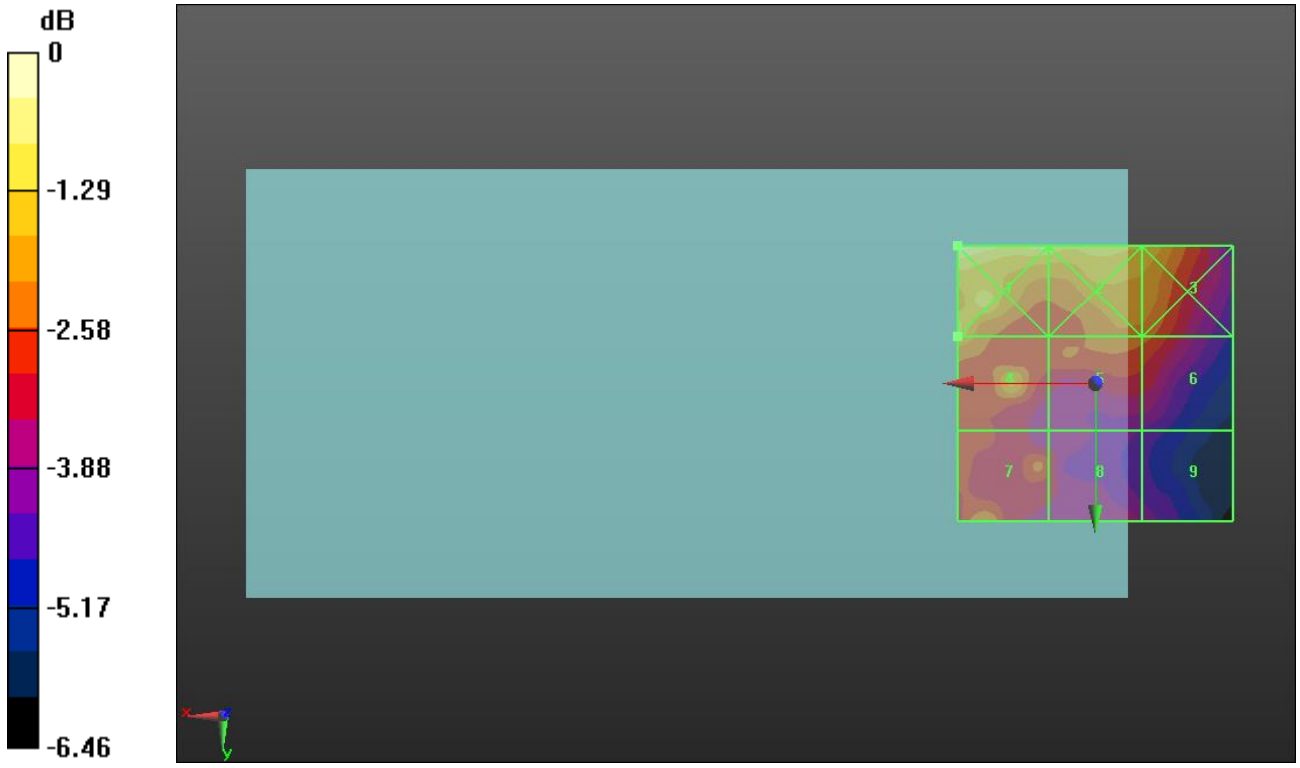
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 600/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 = 14.15 V/m; Power Drift = -0.08 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.44 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.84 dBV/m**	Grid 2 **M4** **26.06 dBV/m**	Grid 3 **M4** **25.63 dBV/m**
Grid 4 **M4** **25.44 dBV/m**	Grid 5 **M4** **24.55 dBV/m**	Grid 6 **M4** **24.44 dBV/m**
Grid 7 **M4** **24.76 dBV/m**	Grid 8 **M4** **23.98 dBV/m**	Grid 9 **M4** **22.89 dBV/m**



0 dB = 21.97 V/m = 26.84 dBV/m

CDMA2000 BC1 ANT 1

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 1175/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 = -0.05 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.76 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.77 dBV/m**	Grid 2 **M4** **26.73 dBV/m**	Grid 3 **M4** **26.46 dBV/m**
Grid 4 **M4** **25.76 dBV/m**	Grid 5 **M4** **25.45 dBV/m**	Grid 6 **M4** **25.22 dBV/m**
Grid 7 **M4** **24.89 dBV/m**	Grid 8 **M4** **24.12 dBV/m**	Grid 9 **M4** **22.91 dBV/m**

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

CDMA2000 BC10 ANT 1

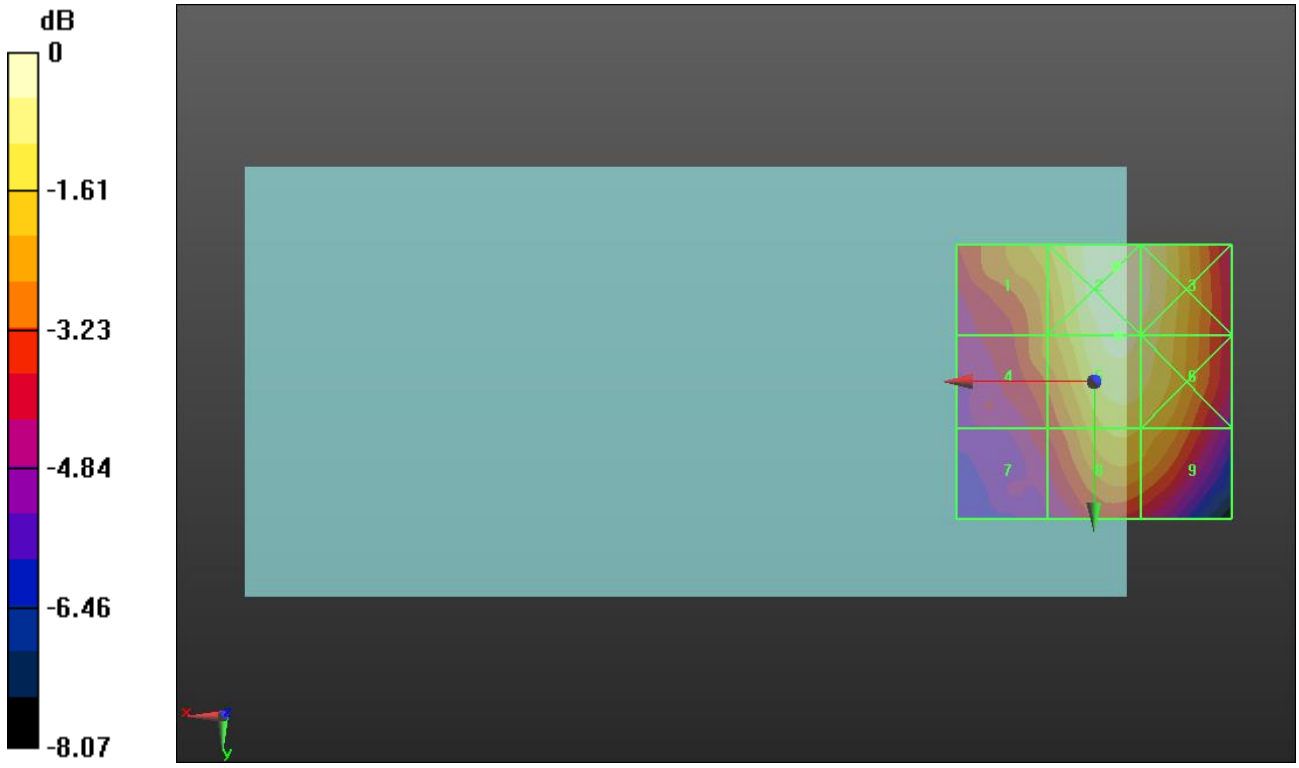
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 476/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 40.77 V/m; Power Drift = -0.01 dB
Applied MIF = 3.26 dB
RF audio interference level = 31.69 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **30.36 dBV/m**	Grid 2 **M4** **31.99 dBV/m**	Grid 3 **M4** **31.7 dBV/m**
Grid 4 **M4** **29.51 dBV/m**	Grid 5 **M4** **31.69 dBV/m**	Grid 6 **M4** **31.38 dBV/m**
Grid 7 **M4** **28.3 dBV/m**	Grid 8 **M4** **30.54 dBV/m**	Grid 9 **M4** **30.33 dBV/m**



0 dB = 39.75 V/m = 31.99 dBV/m

CDMA2000 BC10 ANT 1

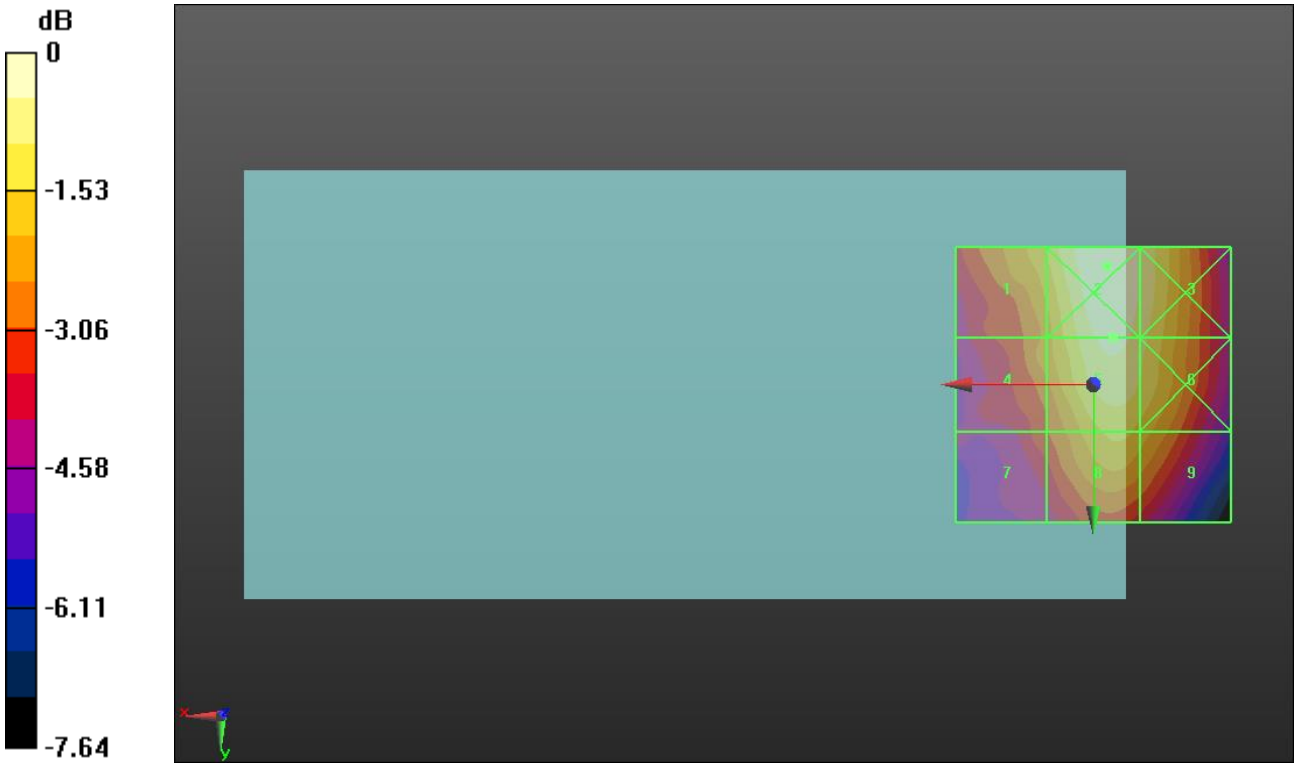
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 820.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 580/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 42.20 V/m; Power Drift = 0.02 dB
Applied MIF = 3.26 dB
RF audio interference level = 31.86 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **30.75 dBV/m**	Grid 2 **M4** **32.21 dBV/m**	Grid 3 **M4** **31.69 dBV/m**
Grid 4 **M4** **30 dBV/m**	Grid 5 **M4** **31.86 dBV/m**	Grid 6 **M4** **31.41 dBV/m**
Grid 7 **M4** **29.11 dBV/m**	Grid 8 **M4** **30.84 dBV/m**	Grid 9 **M4** **30.49 dBV/m**



0 dB = 40.78 V/m = 32.21 dBV/m

CDMA2000 BC10 ANT 1

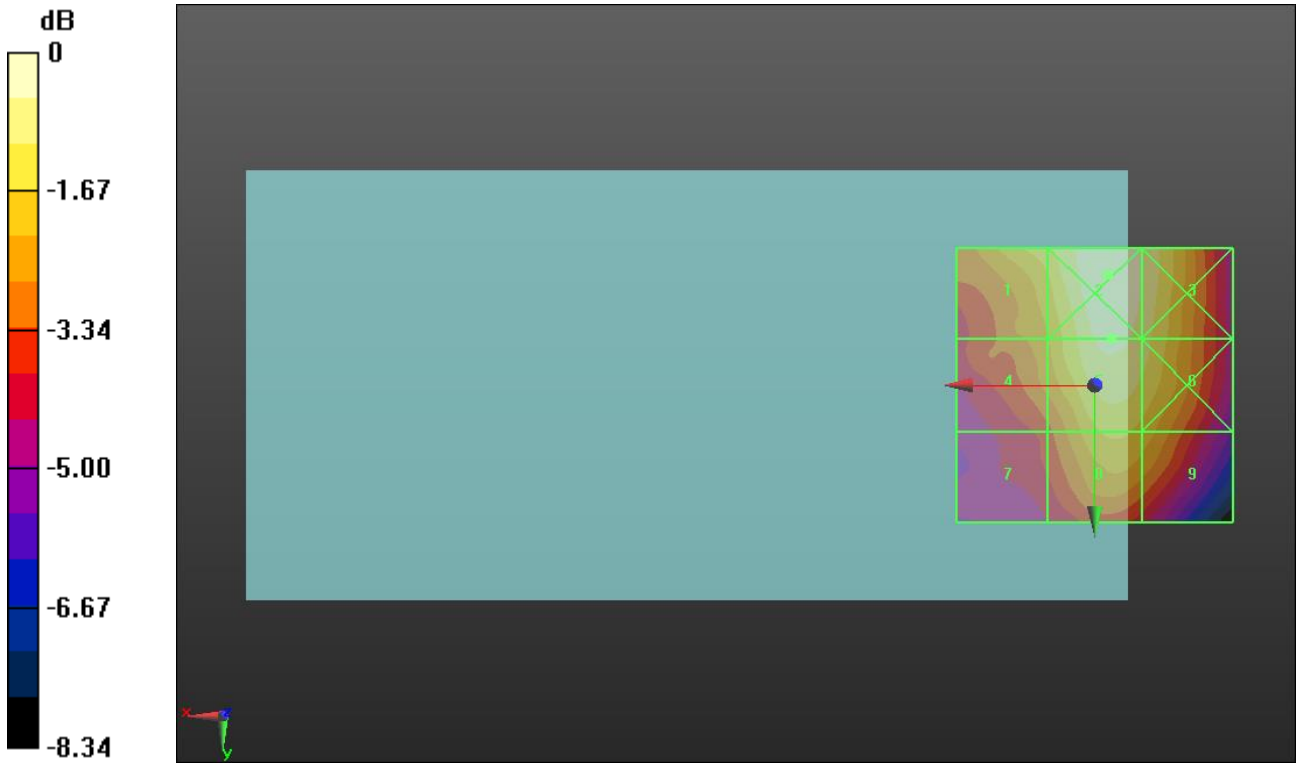
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 823.1 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 684/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 42.21 V/m; Power Drift = 0.03 dB
Applied MIF = 3.26 dB
RF audio interference level = 31.68 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **30.89 dBV/m**	Grid 2 **M4** **32.08 dBV/m**	Grid 3 **M4** **31.54 dBV/m**
Grid 4 **M4** **29.84 dBV/m**	Grid 5 **M4** **31.68 dBV/m**	Grid 6 **M4** **31.25 dBV/m**
Grid 7 **M4** **28.58 dBV/m**	Grid 8 **M4** **30.54 dBV/m**	Grid 9 **M4** **30.22 dBV/m**



0 dB = 40.18 V/m = 32.08 dBV/m

LTE Band 41 ANT 1

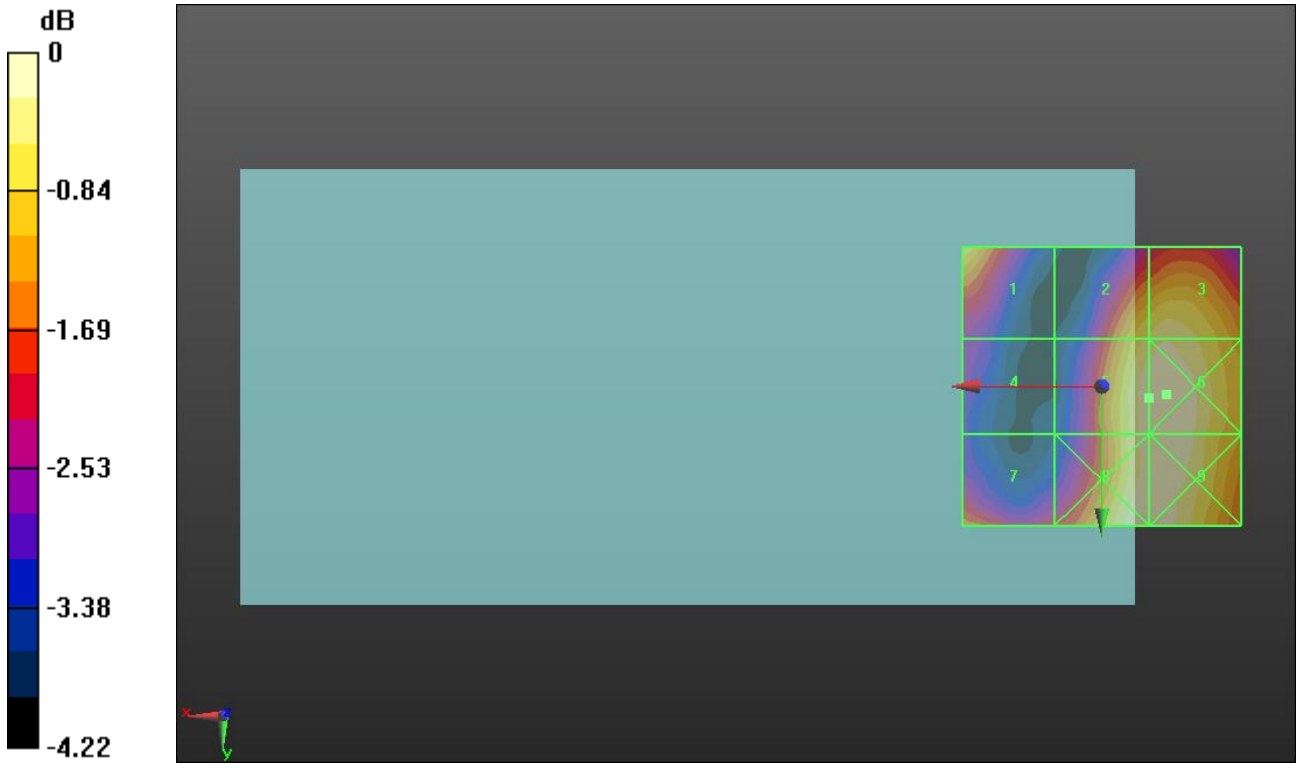
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 1 E-Field measurement/SC-FDMA 1RB 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 = 14.31 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.79 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.42 dBV/m**	Grid 2 **M4** **20.44 dBV/m**	Grid 3 **M4** **20.6 dBV/m**
Grid 4 **M4** **18.38 dBV/m**	Grid 5 **M4** **20.79 dBV/m**	Grid 6 **M4** **20.91 dBV/m**
Grid 7 **M4** **19.53 dBV/m**	Grid 8 **M4** **20.88 dBV/m**	Grid 9 **M4** **20.88 dBV/m**



0 dB = 11.11 V/m = 20.91 dBV/m

LTE Band 41 ANT 1

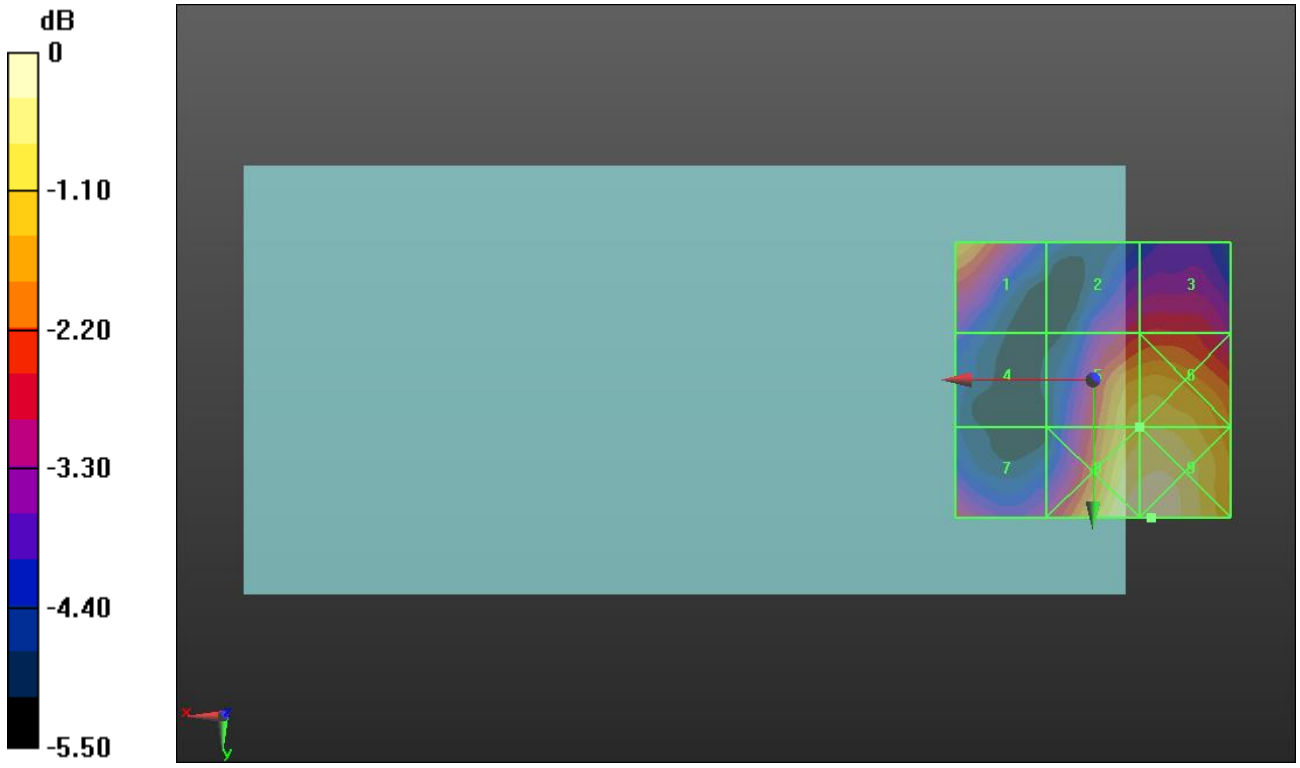
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 1 E-Field measurement/SC-FDMA 1RB 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 = 13.89 V/m; Power Drift = 0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.68 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.08 dBV/m**	Grid 2 **M4** **18.92 dBV/m**	Grid 3 **M4** **19.06 dBV/m**
Grid 4 **M4** **17.84 dBV/m**	Grid 5 **M4** **20.68 dBV/m**	Grid 6 **M4** **20.8 dBV/m**
Grid 7 **M4** **18.94 dBV/m**	Grid 8 **M4** **21.47 dBV/m**	Grid 9 **M4** **21.52 dBV/m**



0 dB = 11.92 V/m = 21.53 dBV/m

LTE Band 41 ANT 1

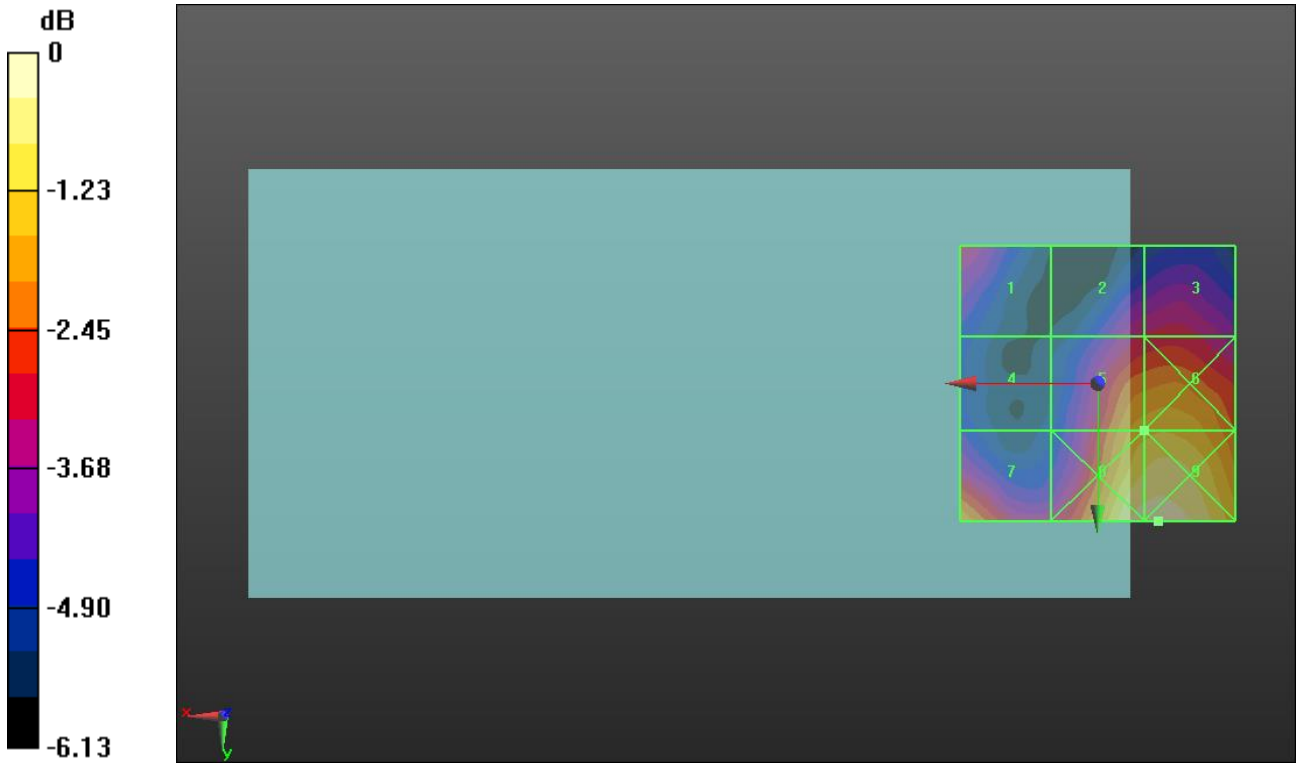
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 1 E-Field measurement/SC-FDMA 1RB 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 = 13.03 V/m; Power Drift = -0.08 dB
Applied MIF = -1.44 dB
RF audio interference level = 20.65 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.04 dBV/m**	Grid 2 **M4** **18.84 dBV/m**	Grid 3 **M4** **19.02 dBV/m**
Grid 4 **M4** **17.59 dBV/m**	Grid 5 **M4** **20.65 dBV/m**	Grid 6 **M4** **20.78 dBV/m**
Grid 7 **M4** **20.44 dBV/m**	Grid 8 **M4** **21.93 dBV/m**	Grid 9 **M4** **22.03 dBV/m**



0 dB = 12.63 V/m = 22.03 dBV/m

LTE Band 41 ANT 1

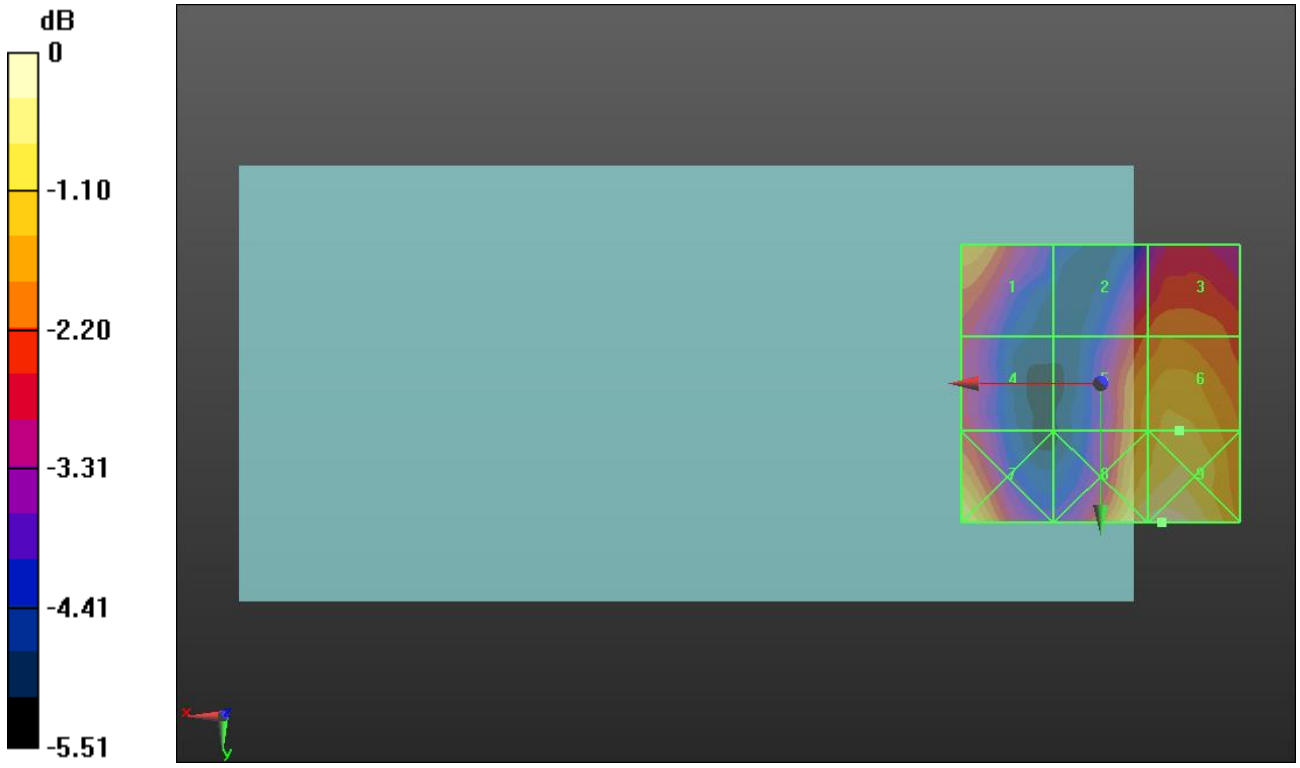
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 1 E-Field measurement/SC-FDMA 1RB 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 = 12.91 V/m; Power Drift = -0.10 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.95 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.47 dBV/m**	Grid 2 **M4** **18.82 dBV/m**	Grid 3 **M4** **19.09 dBV/m**
Grid 4 **M4** **18.36 dBV/m**	Grid 5 **M4** **19.63 dBV/m**	Grid 6 **M4** **19.95 dBV/m**
Grid 7 **M4** **20.31 dBV/m**	Grid 8 **M4** **20.77 dBV/m**	Grid 9 **M4** **20.92 dBV/m**



0 dB = 11.12 V/m = 20.92 dBV/m

LTE Band 41 ANT 1

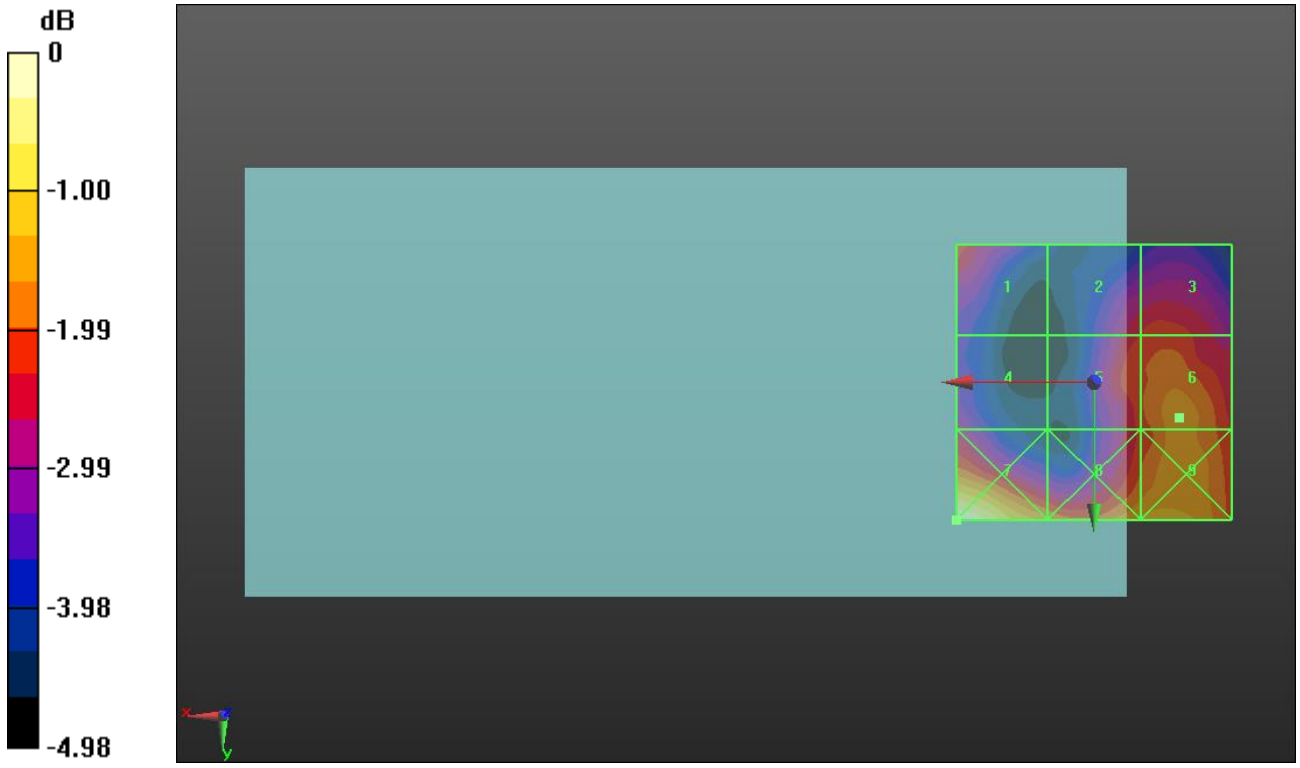
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 1 E-Field measurement/SC-FDMA 1RB 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 = 11.54 V/m; Power Drift = 0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 18.70 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.17 dBV/m**	Grid 2 **M4** **17.92 dBV/m**	Grid 3 **M4** **18.09 dBV/m**
Grid 4 **M4** **17.44 dBV/m**	Grid 5 **M4** **18.17 dBV/m**	Grid 6 **M4** **18.7 dBV/m**
Grid 7 **M4** **20.2 dBV/m**	Grid 8 **M4** **19 dBV/m**	Grid 9 **M4** **19.1 dBV/m**



0 dB = 10.23 V/m = 20.20 dBV/m

LTE Band 41 ANT 1 PC2

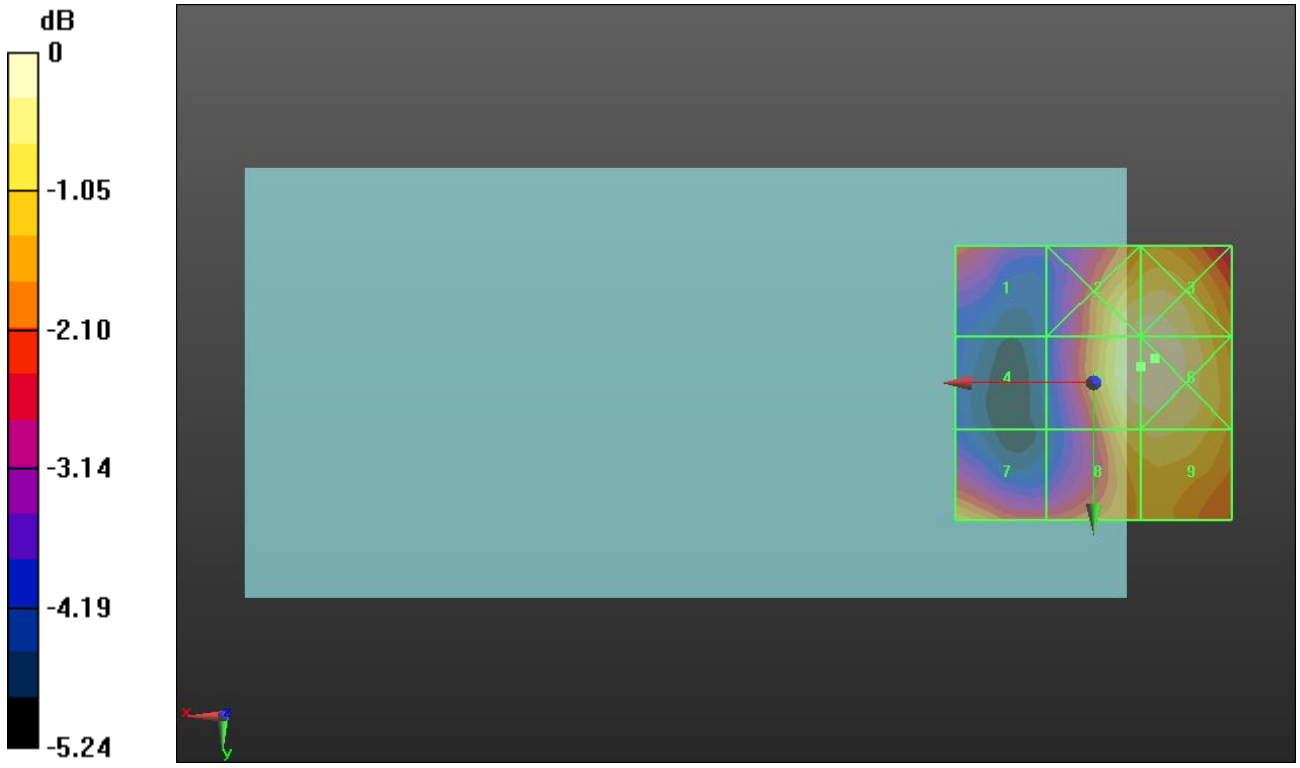
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 18.68 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.67 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.57 dBV/m**	Grid 2 **M4** **22.58 dBV/m**	Grid 3 **M4** **22.65 dBV/m**
Grid 4 **M4** **18.83 dBV/m**	Grid 5 **M4** **22.67 dBV/m**	Grid 6 **M4** **22.74 dBV/m**
Grid 7 **M4** **21.71 dBV/m**	Grid 8 **M4** **22.06 dBV/m**	Grid 9 **M4** **22.16 dBV/m**



0 dB = 13.71 V/m = 22.74 dBV/m

LTE Band 41 ANT 1 PC2

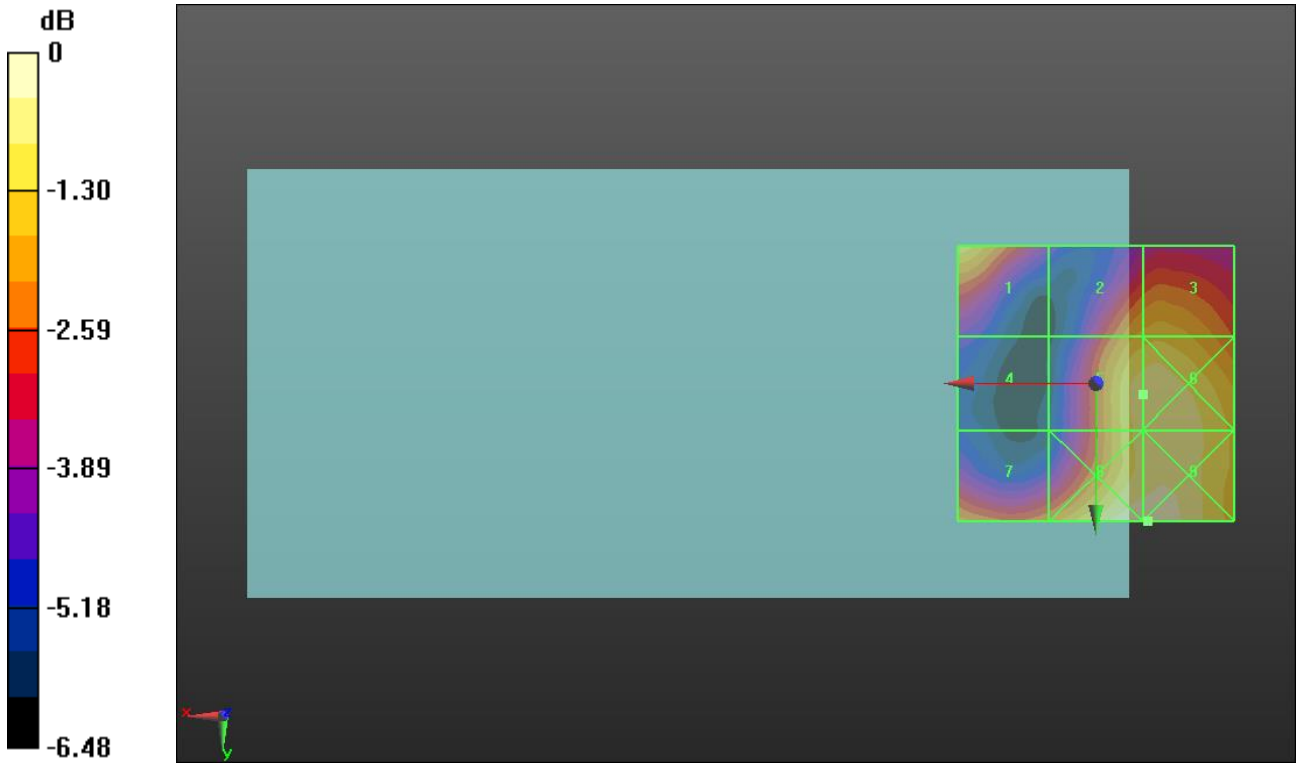
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 16.90 V/m; Power Drift = -0.15 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.69 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.37 dBV/m**	Grid 2 **M4** **20.8 dBV/m**	Grid 3 **M4** **20.95 dBV/m**
Grid 4 **M4** **17.97 dBV/m**	Grid 5 **M4** **21.69 dBV/m**	Grid 6 **M4** **21.82 dBV/m**
Grid 7 **M4** **20.41 dBV/m**	Grid 8 **M4** **22.32 dBV/m**	Grid 9 **M4** **22.33 dBV/m**



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

LTE Band 41 ANT 1 PC2

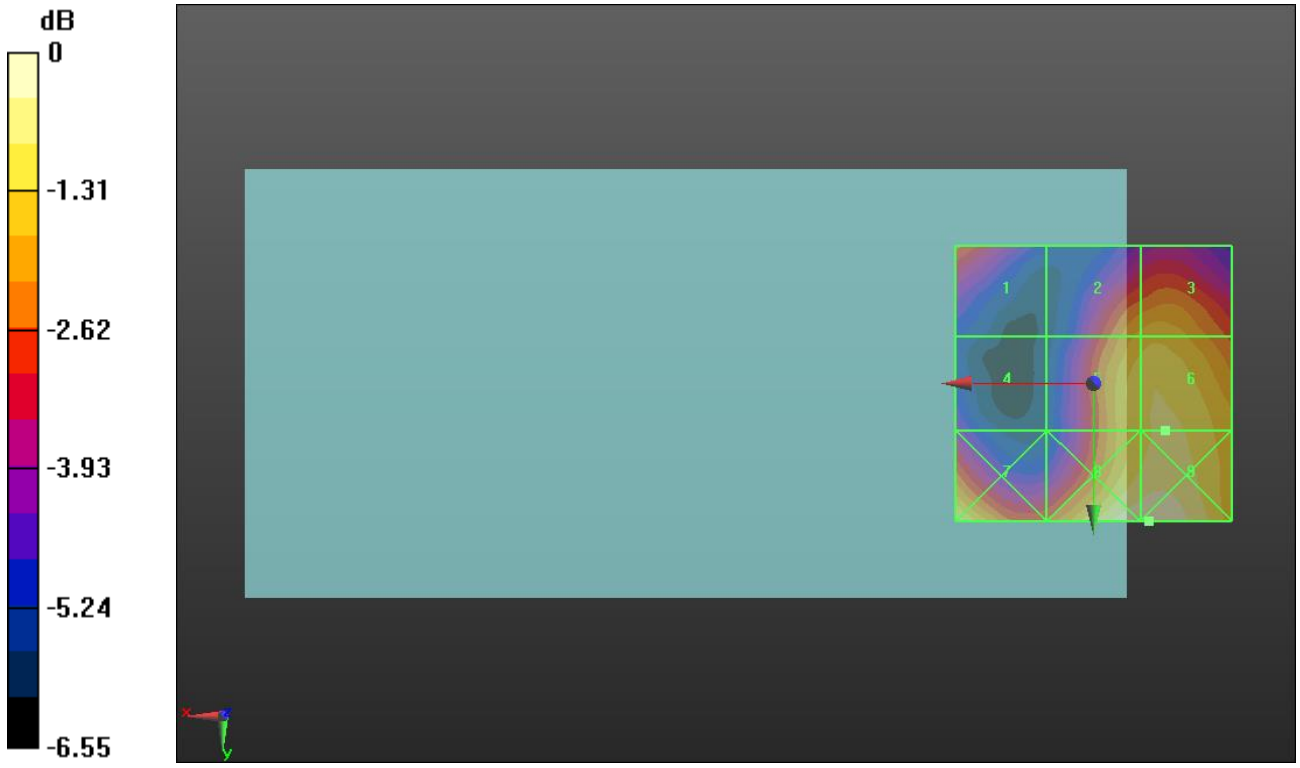
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 16.42 V/m; Power Drift = -0.00 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.98 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.34 dBV/m**	Grid 2 **M4** **21.2 dBV/m**	Grid 3 **M4** **21.38 dBV/m**
Grid 4 **M4** **18.7 dBV/m**	Grid 5 **M4** **21.77 dBV/m**	Grid 6 **M4** **21.98 dBV/m**
Grid 7 **M4** **22.25 dBV/m**	Grid 8 **M4** **22.76 dBV/m**	Grid 9 **M4** **22.78 dBV/m**



0 dB = 13.77 V/m = 22.78 dBV/m

LTE Band 41 ANT 1 PC2

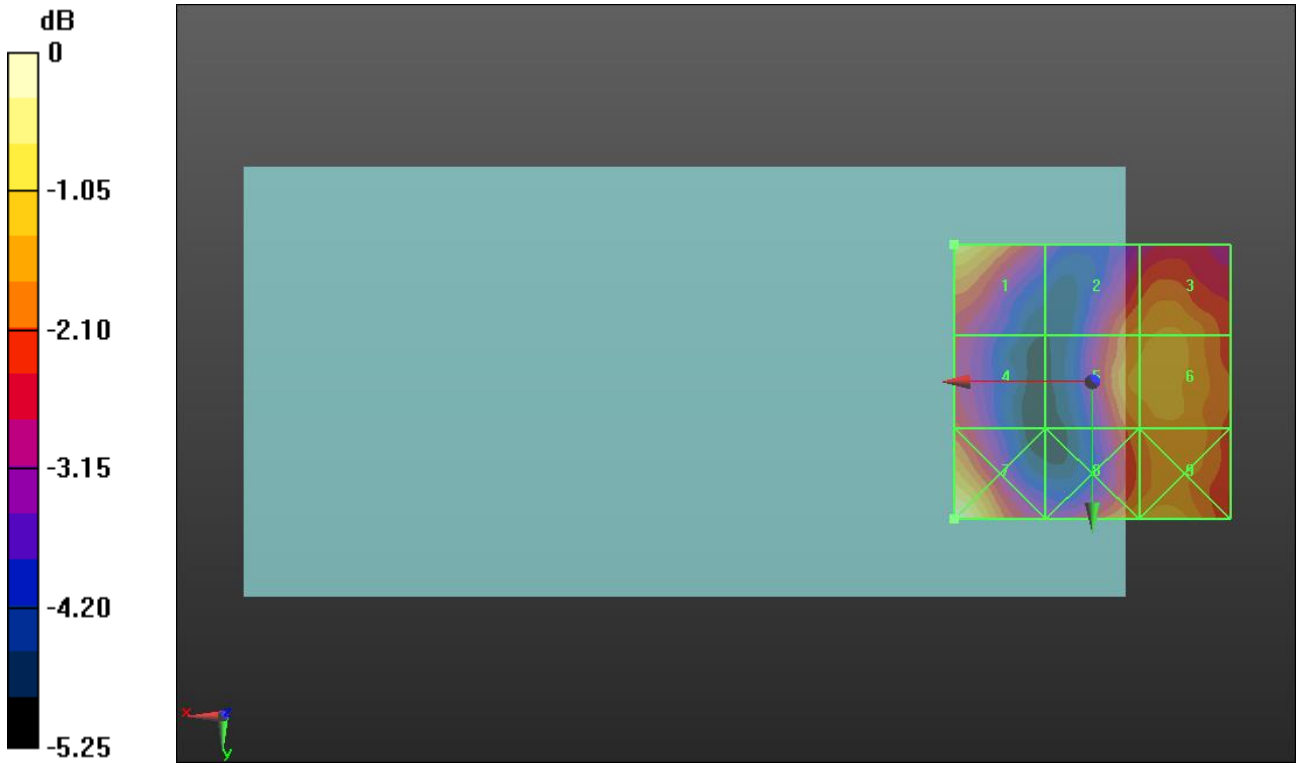
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 12.59 V/m; Power Drift = -0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.50 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.5 dBV/m**	Grid 2 **M4** **18.58 dBV/m**	Grid 3 **M4** **18.89 dBV/m**
Grid 4 **M4** **17.91 dBV/m**	Grid 5 **M4** **18.89 dBV/m**	Grid 6 **M4** **19.06 dBV/m**
Grid 7 **M4** **20.19 dBV/m**	Grid 8 **M4** **18.91 dBV/m**	Grid 9 **M4** **19.1 dBV/m**



0 dB = 10.22 V/m = 20.19 dBV/m

LTE Band 41 ANT 1 PC2

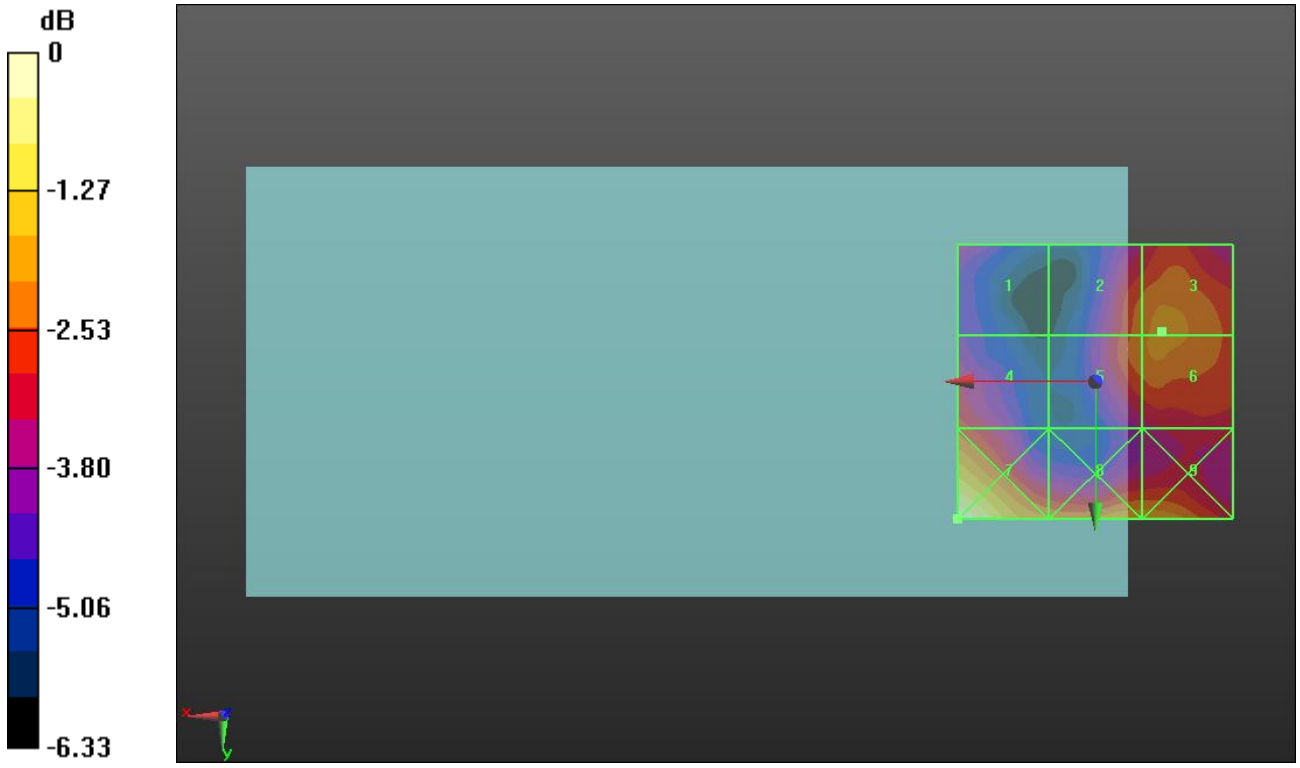
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 10.83 V/m; Power Drift = -0.20 dB
Applied MIF = -1.44 dB
RF audio interference level = 19.42 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.88 dBV/m**	Grid 2 **M4** **19.18 dBV/m**	Grid 3 **M4** **19.42 dBV/m**
Grid 4 **M4** **18.75 dBV/m**	Grid 5 **M4** **19.21 dBV/m**	Grid 6 **M4** **19.42 dBV/m**
Grid 7 **M4** **21.39 dBV/m**	Grid 8 **M4** **19.81 dBV/m**	Grid 9 **M4** **19.8 dBV/m**



0 dB = 11.74 V/m = 21.39 dBV/m

GSM850 ANT 2

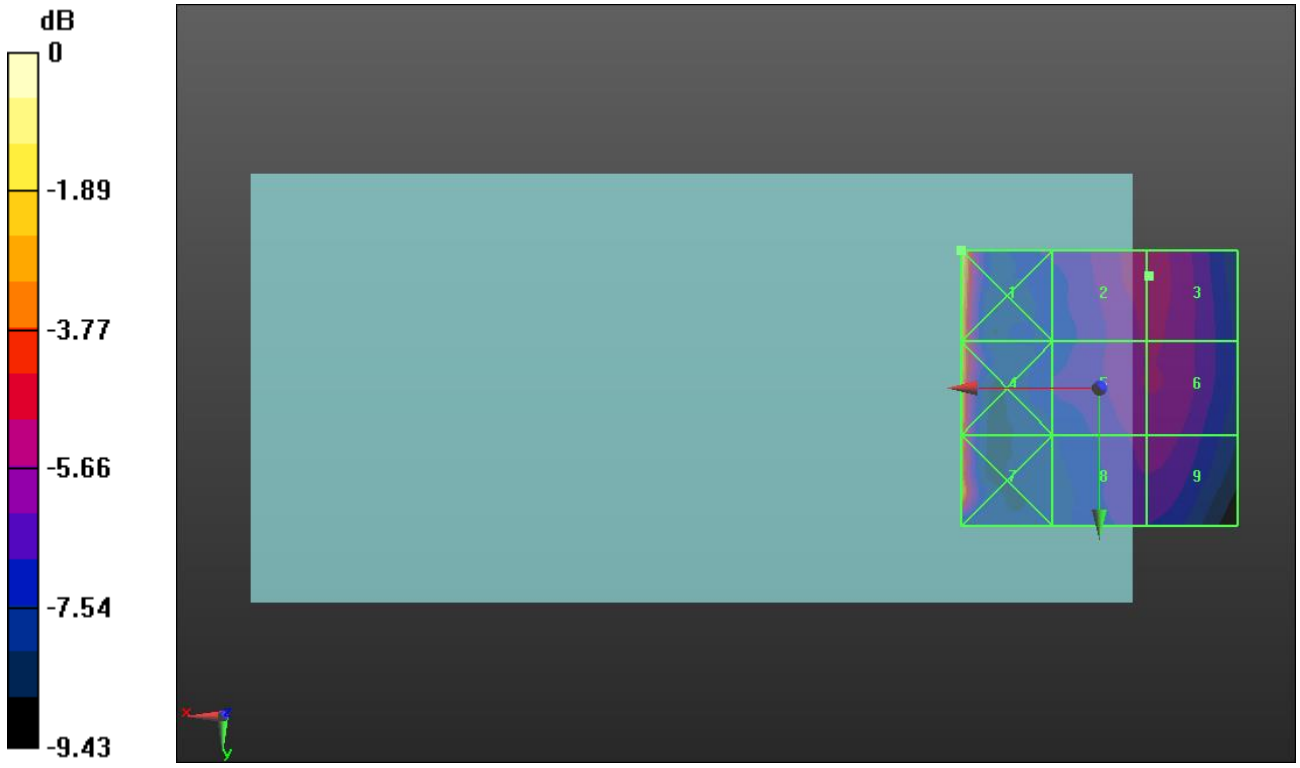
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.69961
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.2 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM850 E-Field measurement/Voice_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 = 105.2 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.17 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **35.54 dBV/m**	Grid 2 **M4** **30.17 dBV/m**	Grid 3 **M4** **30.17 dBV/m**
Grid 4 **M4** **33.93 dBV/m**	Grid 5 **M4** **29.95 dBV/m**	Grid 6 **M4** **29.97 dBV/m**
Grid 7 **M4** **33.6 dBV/m**	Grid 8 **M4** **29.53 dBV/m**	Grid 9 **M4** **29.55 dBV/m**



0 dB = 59.87 V/m = 35.54 dBV/m

GSM850 ANT 2

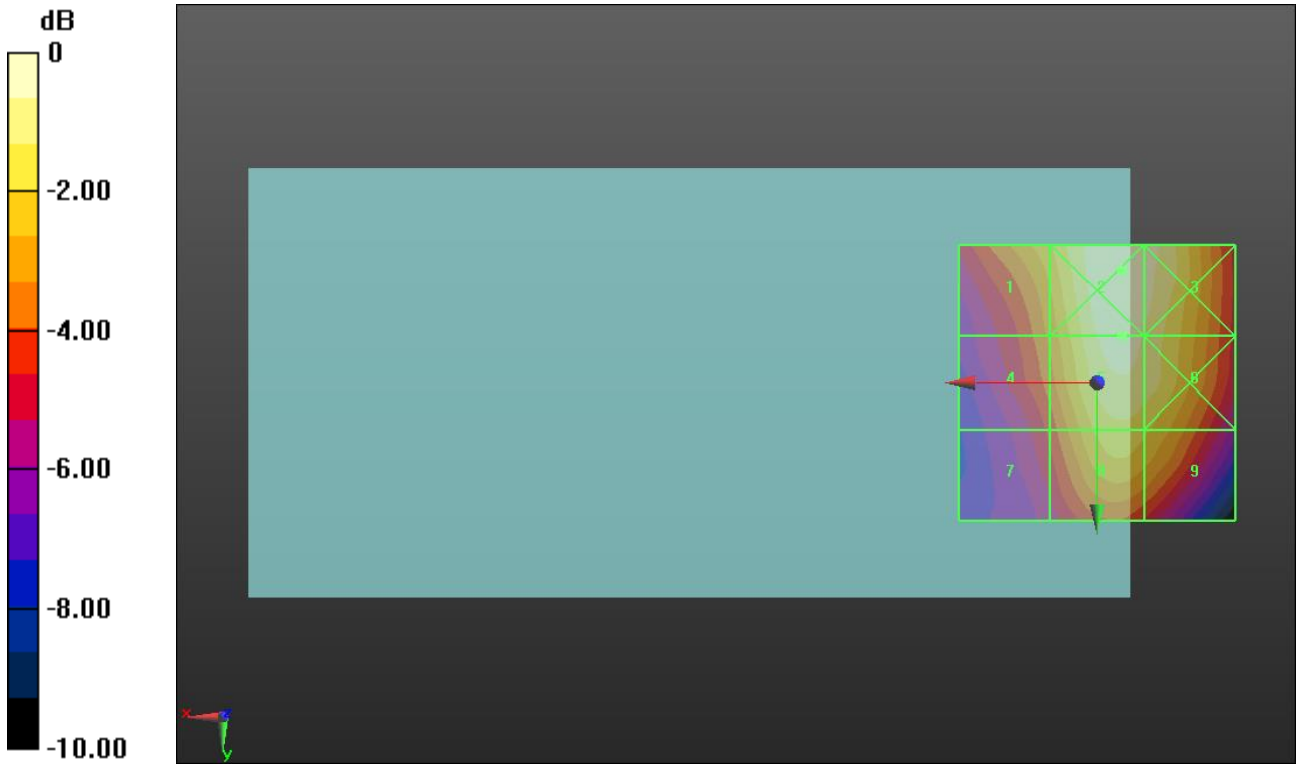
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.69961
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.6 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM850 E-Field measurement/Voice_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 = 105.5 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 39.81 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **38.09 dBV/m**	Grid 2 **M3** **40.1 dBV/m**	Grid 3 **M4** **39.84 dBV/m**
Grid 4 **M4** **36.97 dBV/m**	Grid 5 **M4** **39.81 dBV/m**	Grid 6 **M4** **39.38 dBV/m**
Grid 7 **M4** **35.71 dBV/m**	Grid 8 **M4** **38.6 dBV/m**	Grid 9 **M4** **38.28 dBV/m**



0 dB = 101.1 V/m = 40.10 dBV/m

GSM850 ANT 2

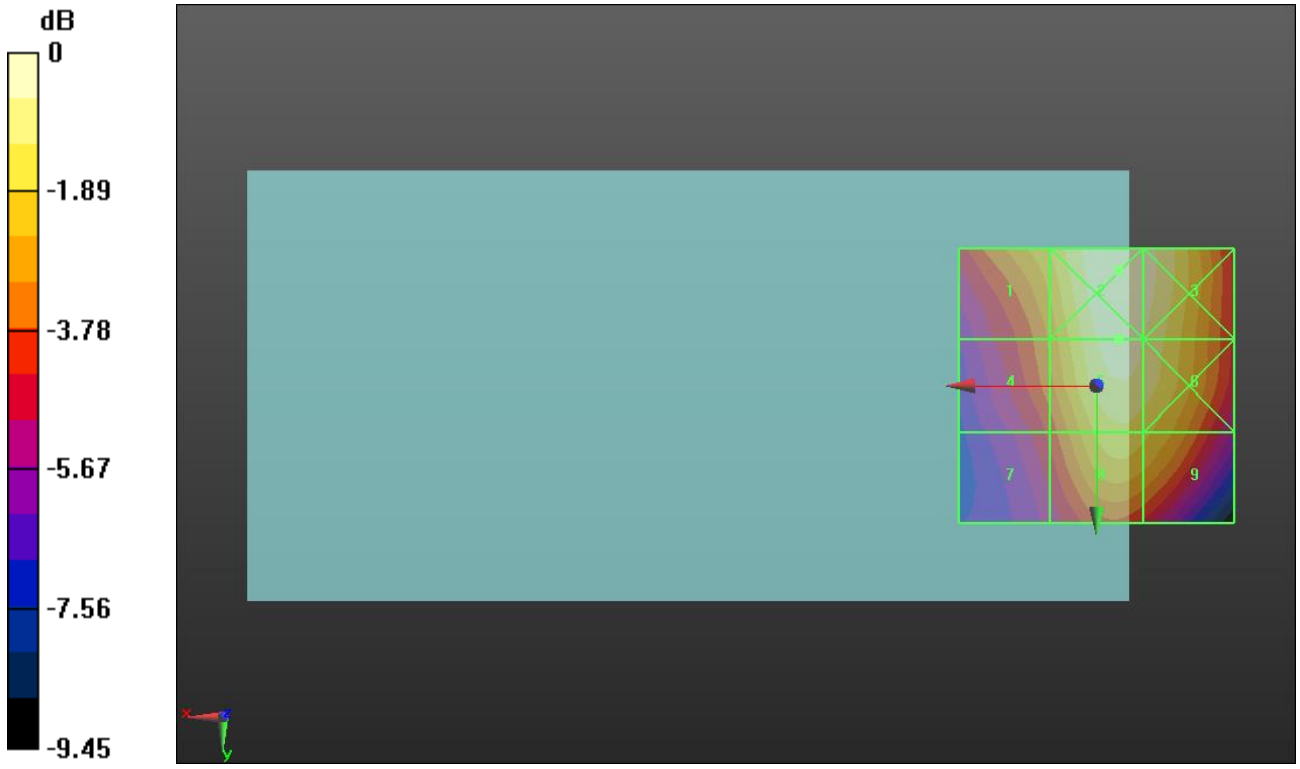
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8.69961
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.6 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM850 E-Field measurement/Voice_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 = 108.2 V/m; Power Drift = -0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 40.04 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **38.53 dBV/m**	Grid 2 **M3** **40.33 dBV/m**	Grid 3 **M3** **40.04 dBV/m**
Grid 4 **M4** **37.33 dBV/m**	Grid 5 **M3** **40.04 dBV/m**	Grid 6 **M4** **39.71 dBV/m**
Grid 7 **M4** **36.15 dBV/m**	Grid 8 **M4** **38.94 dBV/m**	Grid 9 **M4** **38.64 dBV/m**



0 dB = 103.9 V/m = 40.33 dBV/m

GSM1900 ANT 2

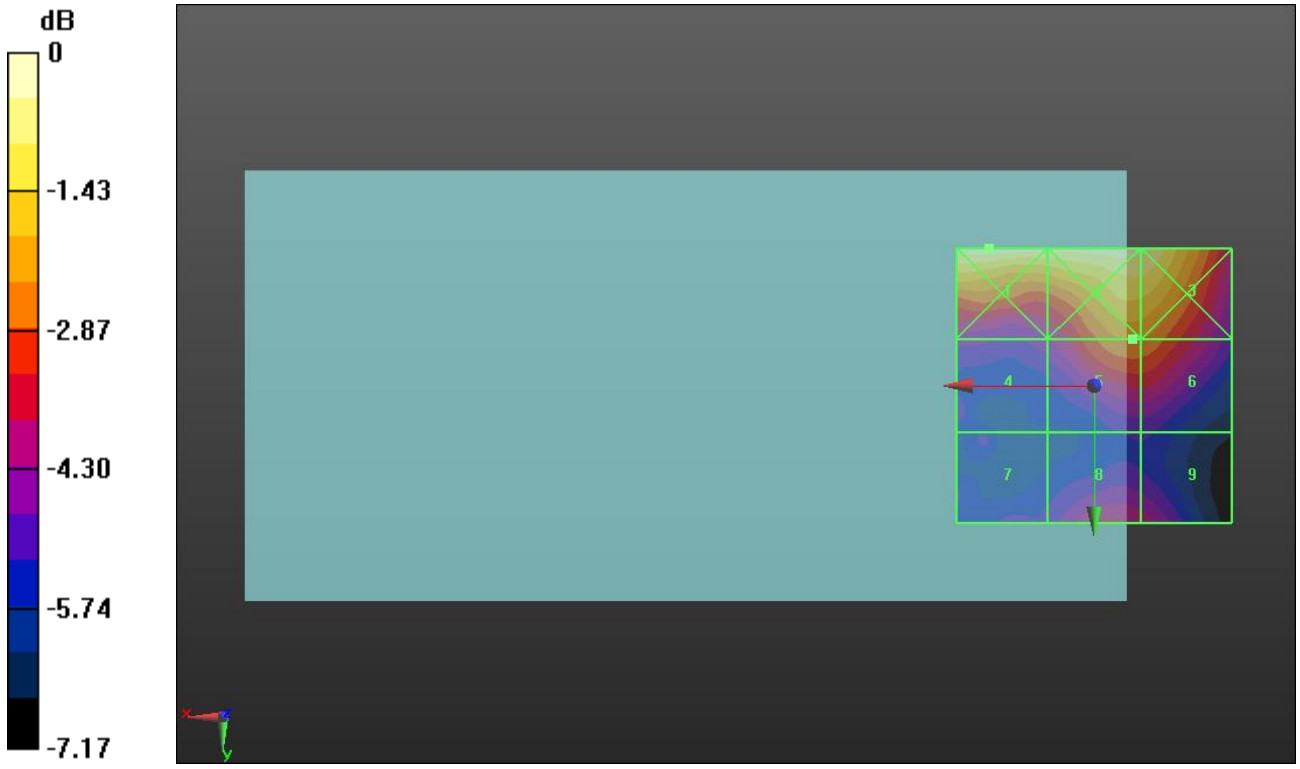
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69961
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_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 = 23.59 V/m; Power Drift = 0.12 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.49 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **31.82 dBV/m**	Grid 2 **M3** **31.68 dBV/m**	Grid 3 **M3** **31.55 dBV/m**
Grid 4 **M4** **27.49 dBV/m**	Grid 5 **M4** **29.49 dBV/m**	Grid 6 **M4** **29.45 dBV/m**
Grid 7 **M4** **26.91 dBV/m**	Grid 8 **M4** **28.14 dBV/m**	Grid 9 **M4** **27.95 dBV/m**



0 dB = 39.01 V/m = 31.82 dBV/m

GSM1900 ANT 2

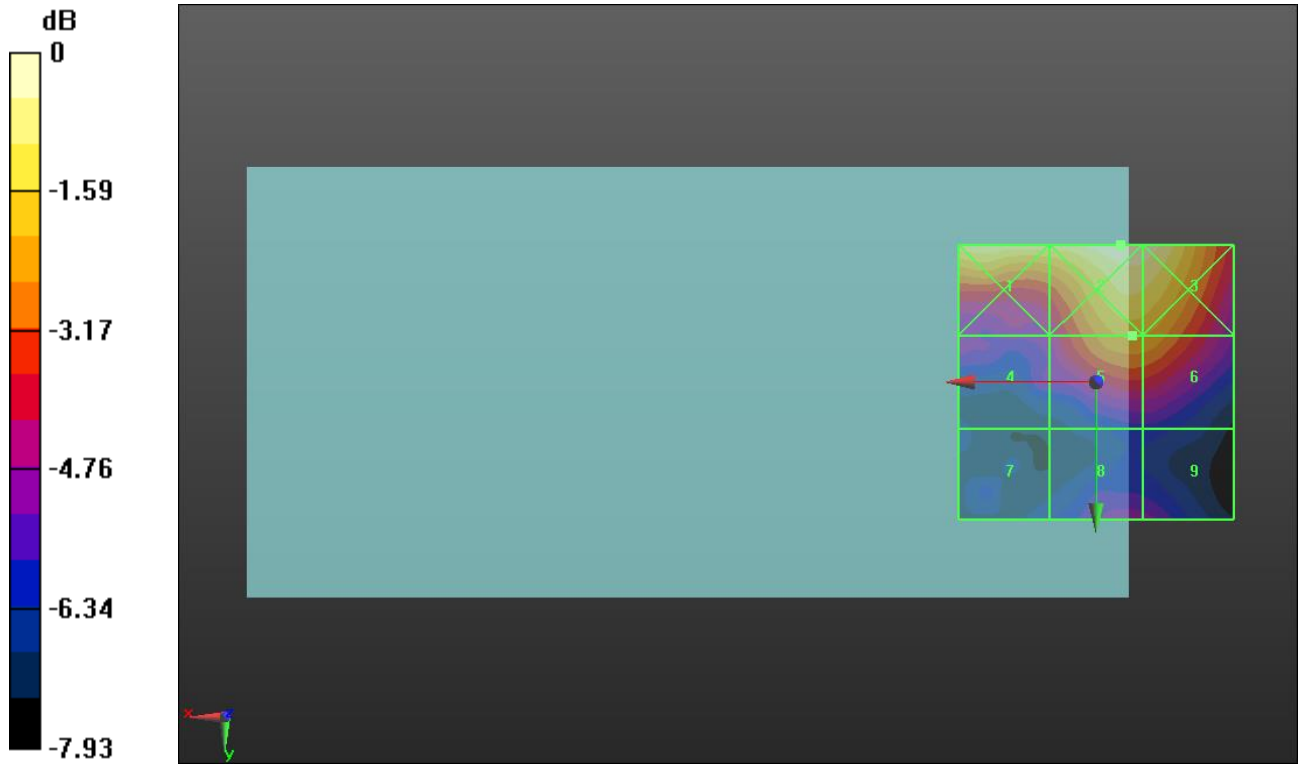
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_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 = 24.40 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.01 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **31.43 dBV/m**	Grid 2 **M3** **32.02 dBV/m**	Grid 3 **M3** **31.9 dBV/m**
Grid 4 **M4** **27.33 dBV/m**	Grid 5 **M3** **30.01 dBV/m**	Grid 6 **M4** **29.93 dBV/m**
Grid 7 **M4** **25.87 dBV/m**	Grid 8 **M4** **27.15 dBV/m**	Grid 9 **M4** **27.08 dBV/m**



0 dB = 39.90 V/m = 32.02 dBV/m

GSM1900 ANT 2

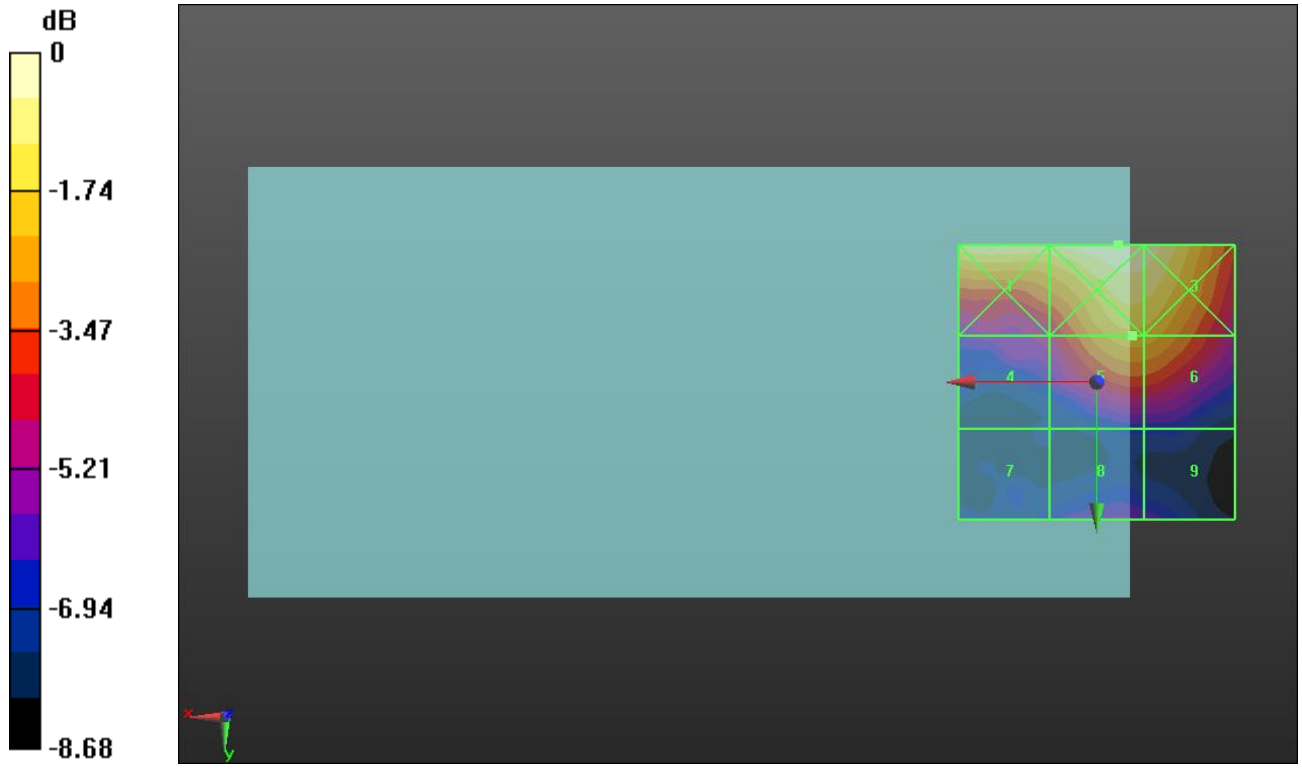
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69961
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_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 = 26.50 V/m; Power Drift = 0.00 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.56 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **32.11 dBV/m**	Grid 2 **M3** **32.46 dBV/m**	Grid 3 **M3** **32.31 dBV/m**
Grid 4 **M4** **27.73 dBV/m**	Grid 5 **M3** **30.56 dBV/m**	Grid 6 **M3** **30.48 dBV/m**
Grid 7 **M4** **25.81 dBV/m**	Grid 8 **M4** **26.91 dBV/m**	Grid 9 **M4** **26.66 dBV/m**



0 dB = 41.99 V/m = 32.46 dBV/m

CDMA2000 BC0 ANT 2

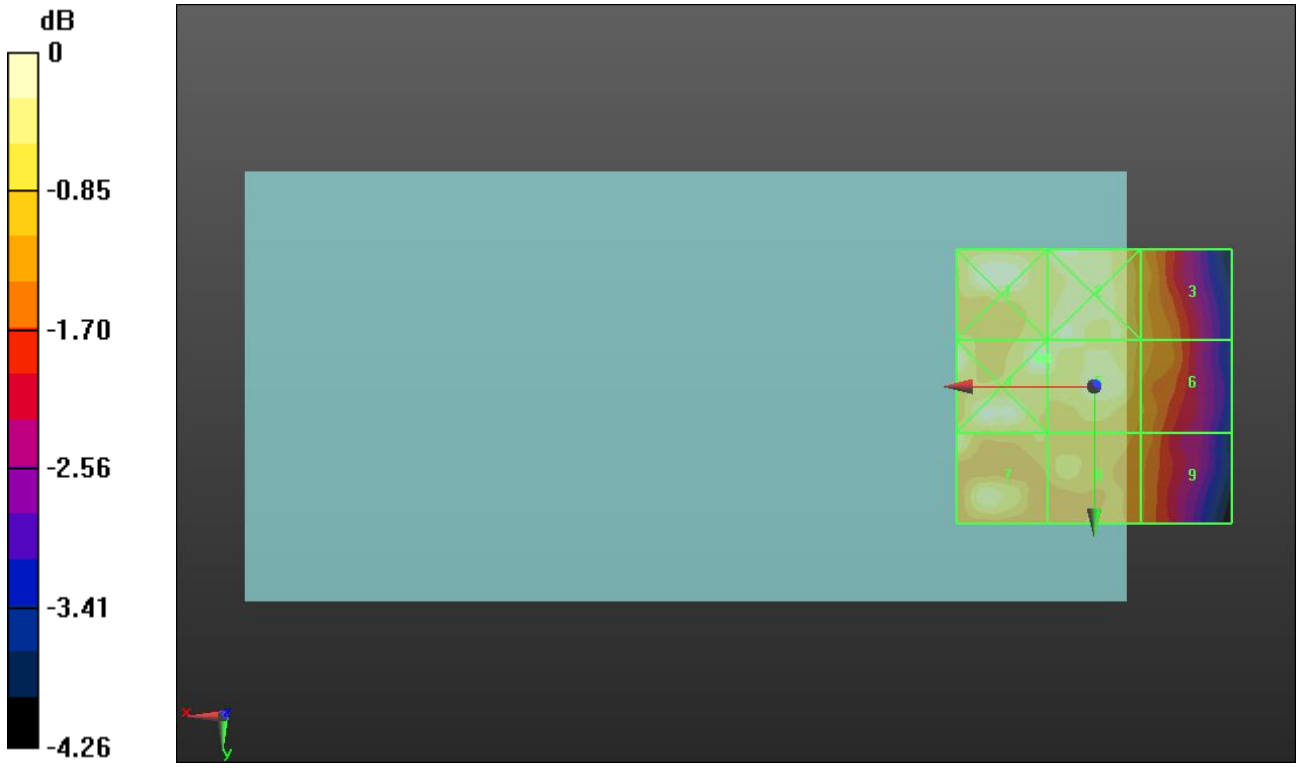
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 824.7 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 1013/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 = 18.07 V/m; Power Drift = 0.11 dB
Applied MIF = 3.26 dB
RF audio interference level = 26.03 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.13 dBV/m**	Grid 2 **M4** **26.04 dBV/m**	Grid 3 **M4** **25.28 dBV/m**
Grid 4 **M4** **26.17 dBV/m**	Grid 5 **M4** **26.03 dBV/m**	Grid 6 **M4** **25.26 dBV/m**
Grid 7 **M4** **25.92 dBV/m**	Grid 8 **M4** **25.53 dBV/m**	Grid 9 **M4** **24.97 dBV/m**



0 dB = 20.35 V/m = 26.17 dBV/m

CDMA2000 BC0 ANT 2

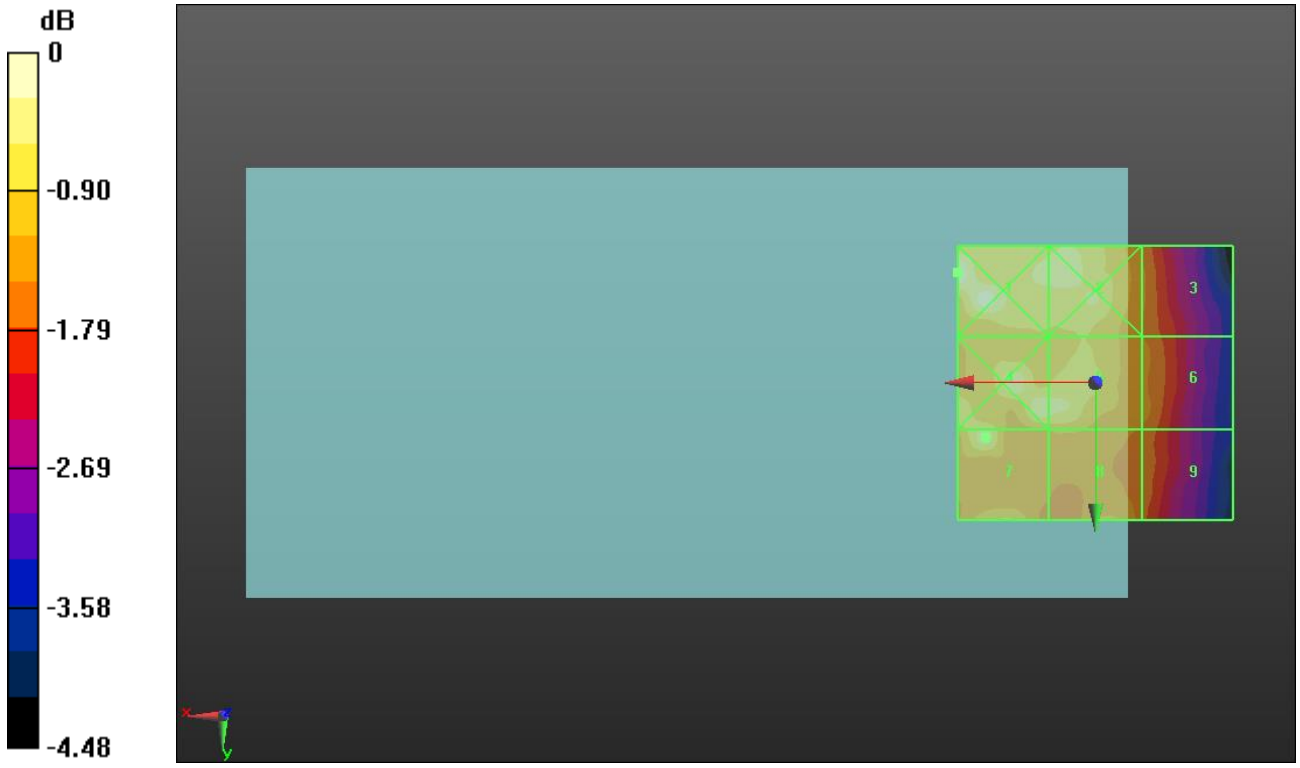
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 836.52 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 384/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 = 0.07 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.64 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.06 dBV/m**	Grid 2 **M4** **25.7 dBV/m**	Grid 3 **M4** **24.65 dBV/m**
Grid 4 **M4** **25.73 dBV/m**	Grid 5 **M4** **25.63 dBV/m**	Grid 6 **M4** **24.7 dBV/m**
Grid 7 **M4** **25.64 dBV/m**	Grid 8 **M4** **24.97 dBV/m**	Grid 9 **M4** **24.53 dBV/m**



0 dB = 20.10 V/m = 26.06 dBV/m

CDMA2000 BC0 ANT 2

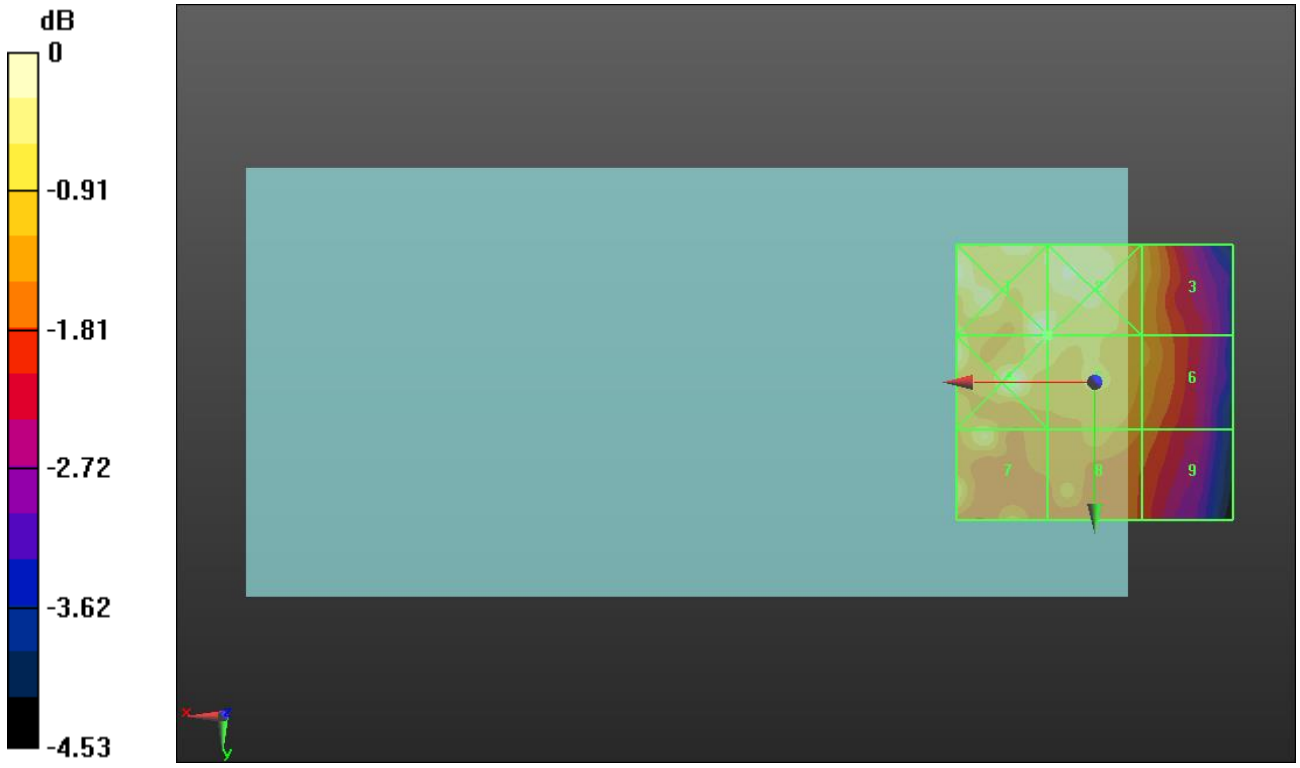
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 848.31 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC0 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 777/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 = 16.29 V/m; Power Drift = 0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.48 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.75 dBV/m**	Grid 2 **M4** **25.63 dBV/m**	Grid 3 **M4** **24.9 dBV/m**
Grid 4 **M4** **25.88 dBV/m**	Grid 5 **M4** **25.48 dBV/m**	Grid 6 **M4** **24.77 dBV/m**
Grid 7 **M4** **25.32 dBV/m**	Grid 8 **M4** **24.87 dBV/m**	Grid 9 **M4** **24.38 dBV/m**



0 dB = 19.68 V/m = 25.88 dBV/m

CDMA2000 BC1 ANT 2

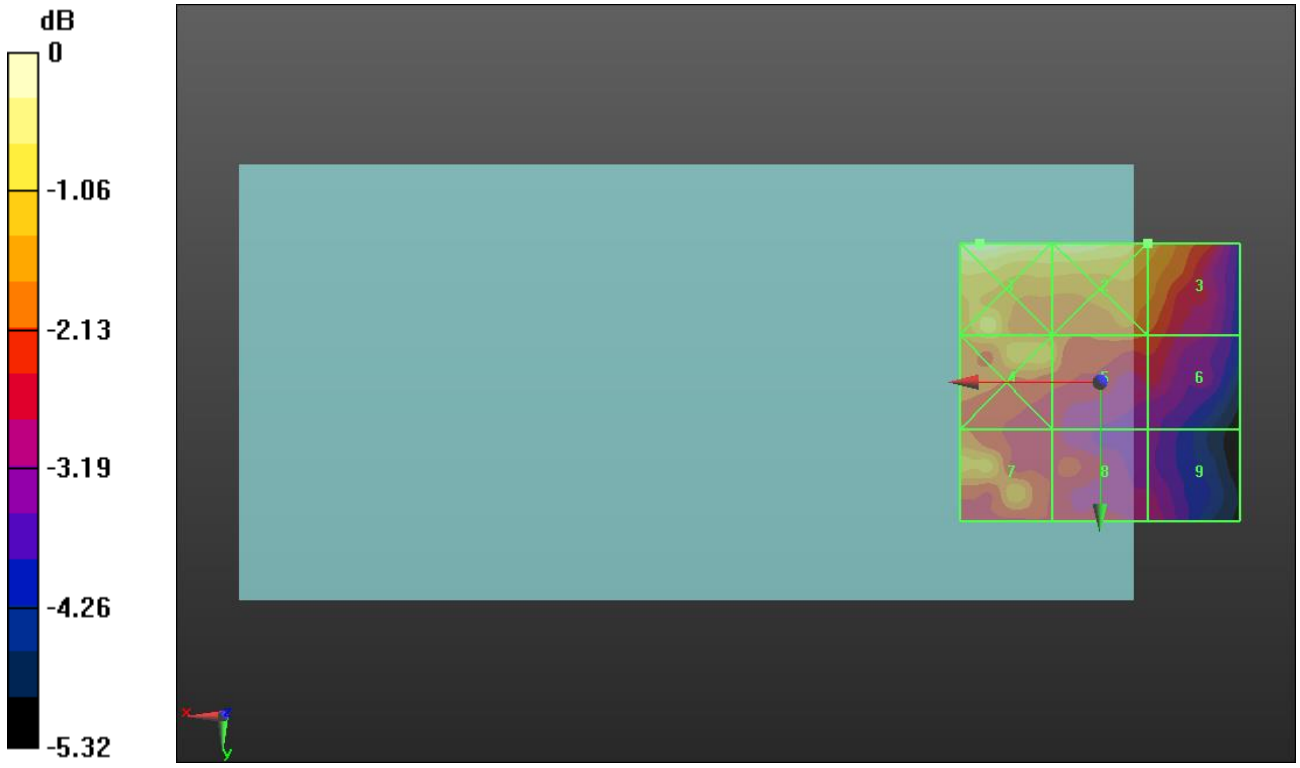
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1851.25 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 25/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 = 14.47 V/m; Power Drift = -0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.25 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.42 dBV/m**	Grid 2 **M4** **26.24 dBV/m**	Grid 3 **M4** **25.25 dBV/m**
Grid 4 **M4** **25.32 dBV/m**	Grid 5 **M4** **24.97 dBV/m**	Grid 6 **M4** **24.28 dBV/m**
Grid 7 **M4** **25.17 dBV/m**	Grid 8 **M4** **24.11 dBV/m**	Grid 9 **M4** **23.56 dBV/m**



0 dB = 20.94 V/m = 26.42 dBV/m

CDMA2000 BC1 ANT 2

Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 600/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 = 14.15 V/m; Power Drift = -0.17 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.48 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.26 dBV/m**	Grid 2 **M4** **26.37 dBV/m**	Grid 3 **M4** **25.7 dBV/m**
Grid 4 **M4** **25.48 dBV/m**	Grid 5 **M4** **24.96 dBV/m**	Grid 6 **M4** **24.59 dBV/m**
Grid 7 **M4** **24.9 dBV/m**	Grid 8 **M4** **24.04 dBV/m**	Grid 9 **M4** **23.01 dBV/m**

0 dB = 20.83 V/m = 26.37 dBV/m

CDMA2000 BC1 ANT 2

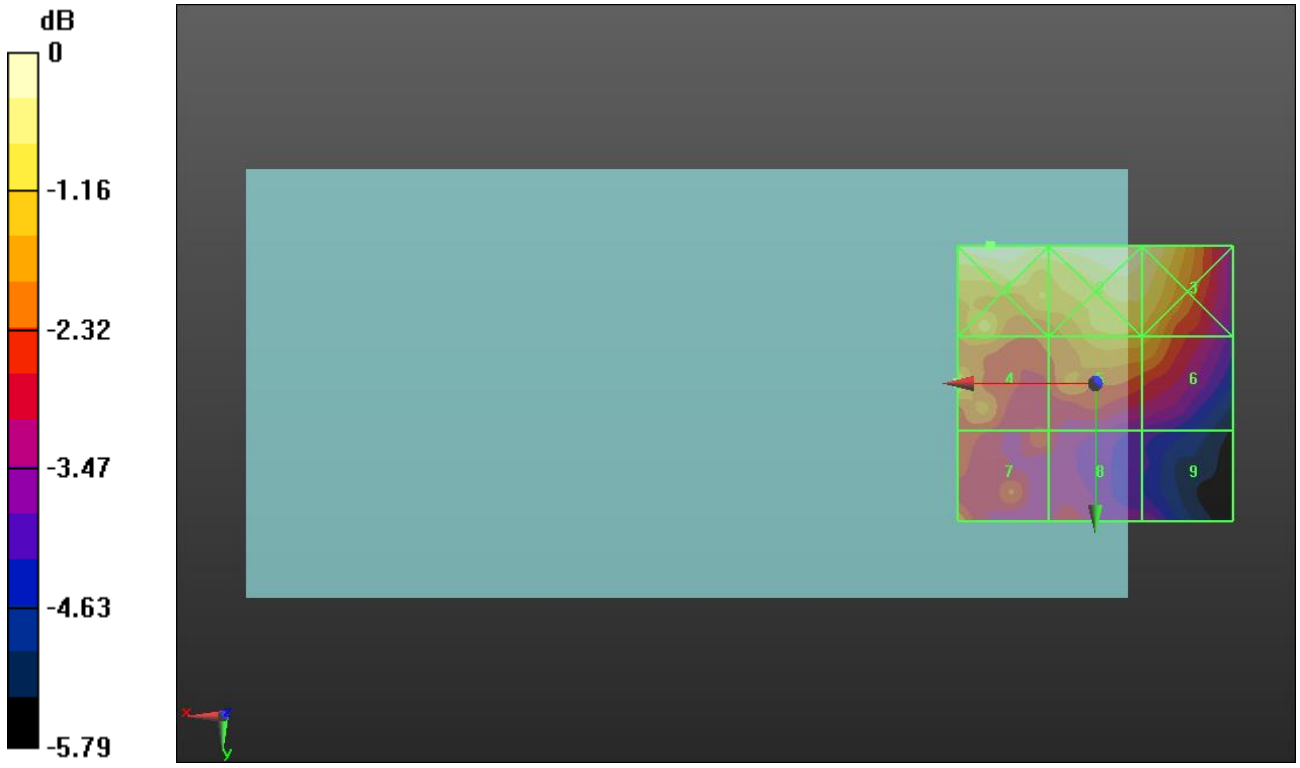
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1908.75 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC1 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 1175/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 = 15.90 V/m; Power Drift = 0.01 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.51 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.62 dBV/m**	Grid 2 **M4** **26.61 dBV/m**	Grid 3 **M4** **26.42 dBV/m**
Grid 4 **M4** **25.51 dBV/m**	Grid 5 **M4** **25.41 dBV/m**	Grid 6 **M4** **25.27 dBV/m**
Grid 7 **M4** **24.82 dBV/m**	Grid 8 **M4** **23.99 dBV/m**	Grid 9 **M4** **23.14 dBV/m**



0 dB = 21.43 V/m = 26.62 dBV/m

CDMA2000 BC10 ANT 2

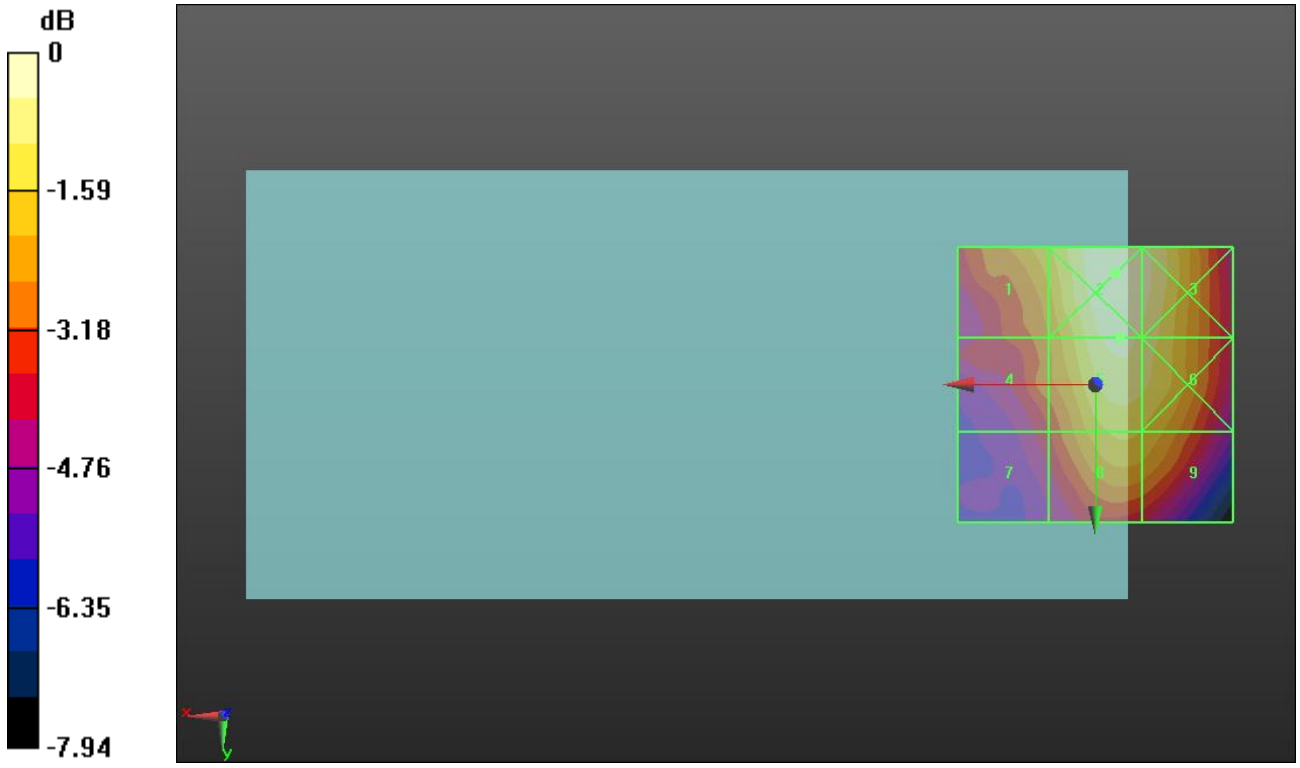
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 817.9 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 817.9 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 476/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 40.40 V/m; Power Drift = -0.02 dB
Applied MIF = 3.26 dB
RF audio interference level = 31.69 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **30.42 dBV/m**	Grid 2 **M4** **32.04 dBV/m**	Grid 3 **M4** **31.76 dBV/m**
Grid 4 **M4** **29.38 dBV/m**	Grid 5 **M4** **31.69 dBV/m**	Grid 6 **M4** **31.4 dBV/m**
Grid 7 **M4** **28.31 dBV/m**	Grid 8 **M4** **30.6 dBV/m**	Grid 9 **M4** **30.44 dBV/m**



0 dB = 39.98 V/m = 32.04 dBV/m

CDMA2000 BC10 ANT 2

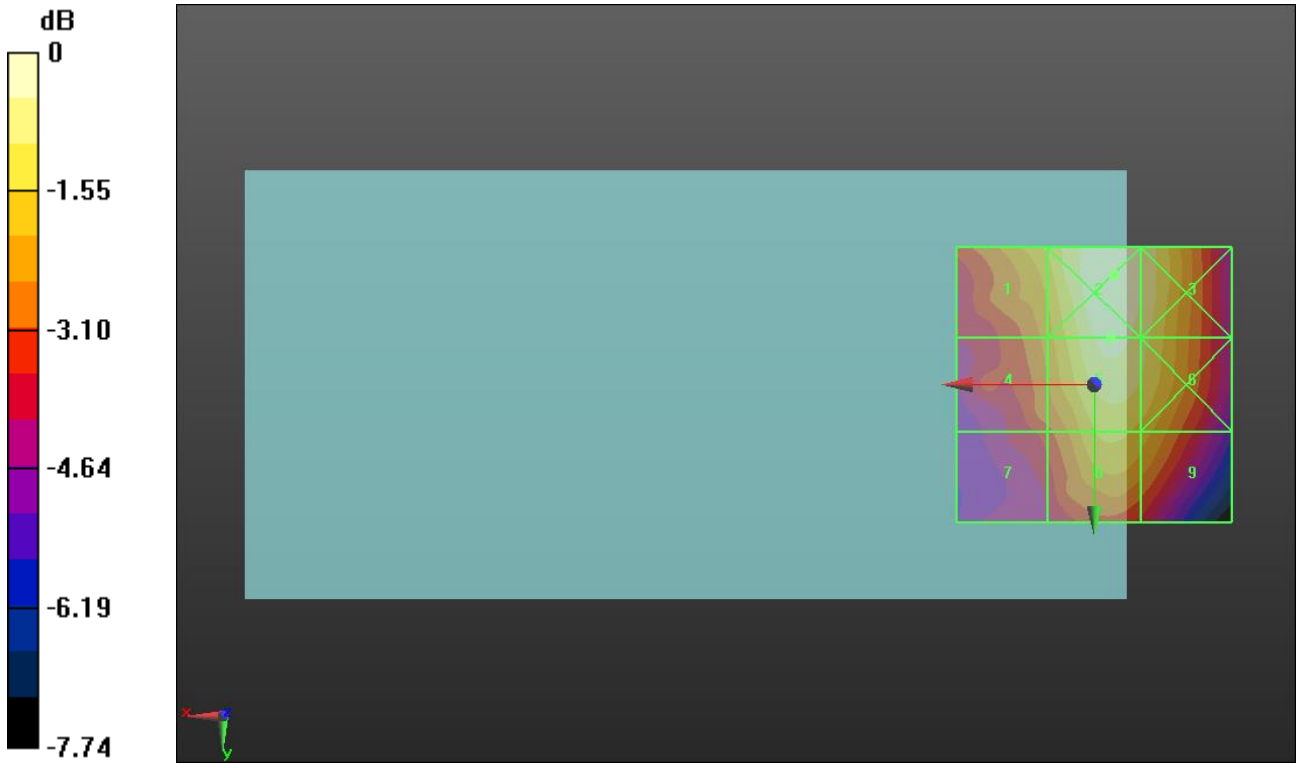
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 820.5 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 820.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 580/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 42.34 V/m; Power Drift = -0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 31.86 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **30.76 dBV/m**	Grid 2 **M4** **32.2 dBV/m**	Grid 3 **M4** **31.7 dBV/m**
Grid 4 **M4** **29.88 dBV/m**	Grid 5 **M4** **31.86 dBV/m**	Grid 6 **M4** **31.42 dBV/m**
Grid 7 **M4** **28.95 dBV/m**	Grid 8 **M4** **30.82 dBV/m**	Grid 9 **M4** **30.45 dBV/m**



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

CDMA2000 BC10 ANT 2

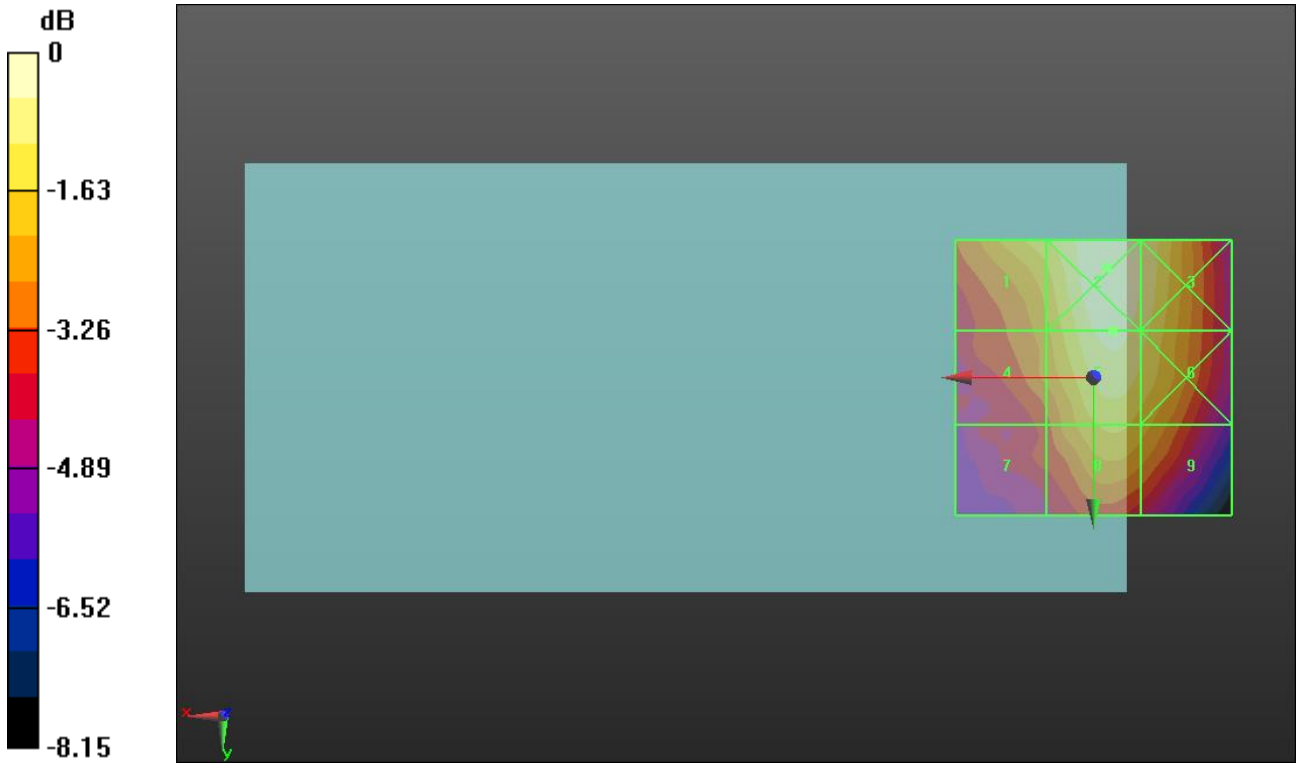
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 823.1 MHz; Duty Cycle: 1:17.746
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 823.1 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

CDMA2000 BC10 E-Field measurement/1xRTT, RC1, SO3, 1/8th Rate 25 fr. Ch. 684/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 42.14 V/m; Power Drift = -0.08 dB
Applied MIF = 3.26 dB
RF audio interference level = 31.71 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **30.86 dBV/m**	Grid 2 **M4** **32.05 dBV/m**	Grid 3 **M4** **31.53 dBV/m**
Grid 4 **M4** **29.77 dBV/m**	Grid 5 **M4** **31.71 dBV/m**	Grid 6 **M4** **31.22 dBV/m**
Grid 7 **M4** **28.64 dBV/m**	Grid 8 **M4** **30.57 dBV/m**	Grid 9 **M4** **30.19 dBV/m**



0 dB = 40.02 V/m = 32.05 dBV/m

LTE Band 41 ANT 2

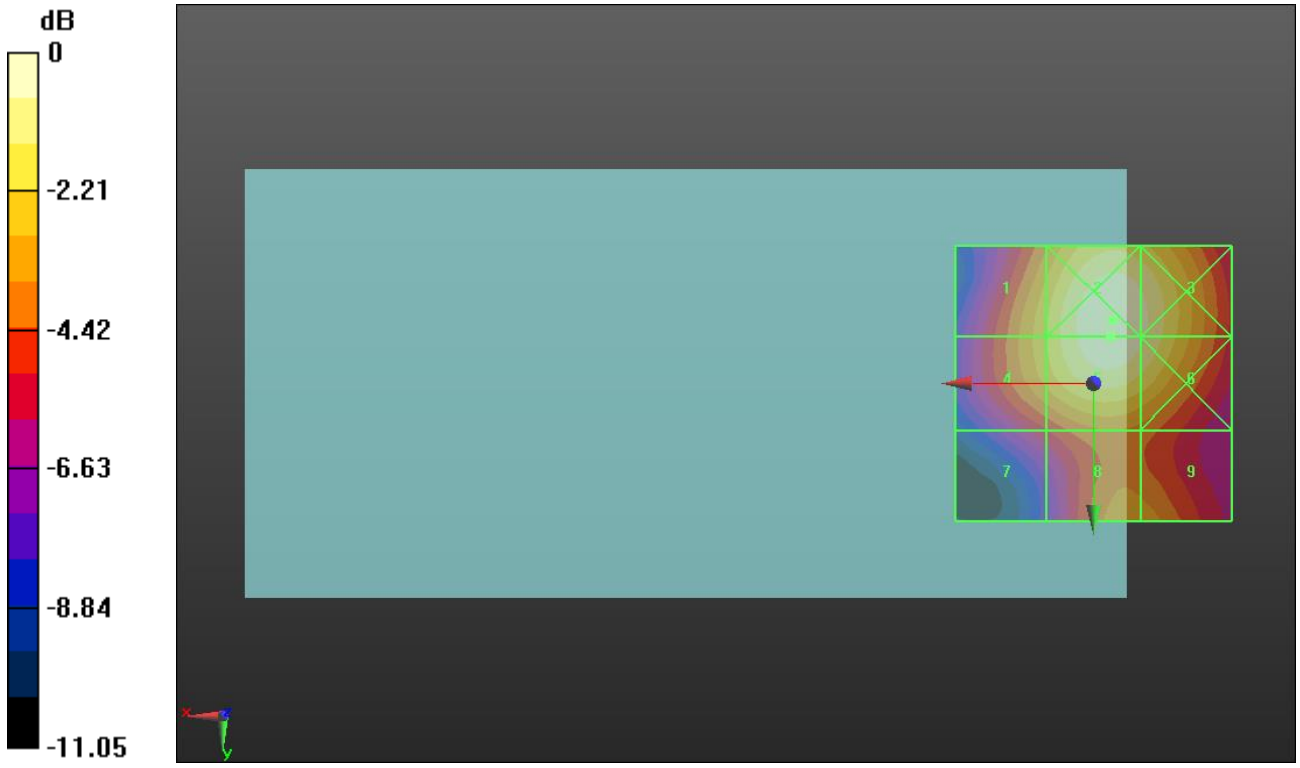
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 2 E-Field measurement/SC-FDMA 1RB 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 = 51.08 V/m; Power Drift = -0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 30.06 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **27.95 dBV/m**	Grid 2 **M3** **30.14 dBV/m**	Grid 3 **M4** **29.67 dBV/m**
Grid 4 **M4** **27.95 dBV/m**	Grid 5 **M3** **30.06 dBV/m**	Grid 6 **M4** **29.56 dBV/m**
Grid 7 **M4** **24.98 dBV/m**	Grid 8 **M4** **27 dBV/m**	Grid 9 **M4** **26.91 dBV/m**



0 dB = 32.13 V/m = 30.14 dBV/m

LTE Band 41 ANT 2

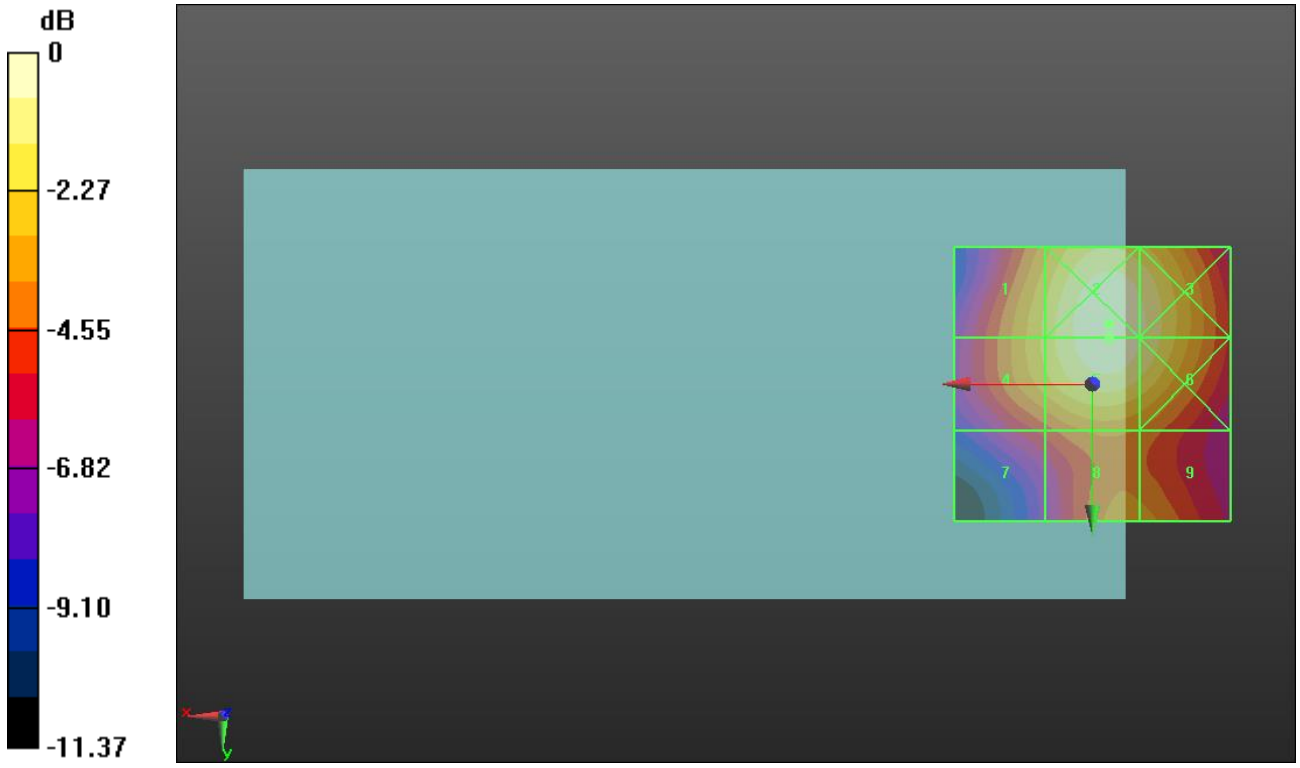
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 2 E-Field measurement/SC-FDMA 1RB 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 = 49.29 V/m; Power Drift = 0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 29.73 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.76 dBV/m**	Grid 2 **M4** **29.79 dBV/m**	Grid 3 **M4** **29.26 dBV/m**
Grid 4 **M4** **27.77 dBV/m**	Grid 5 **M4** **29.73 dBV/m**	Grid 6 **M4** **29.18 dBV/m**
Grid 7 **M4** **24.89 dBV/m**	Grid 8 **M4** **26.5 dBV/m**	Grid 9 **M4** **26.4 dBV/m**



0 dB = 30.88 V/m = 29.79 dBV/m

LTE Band 41 ANT 2

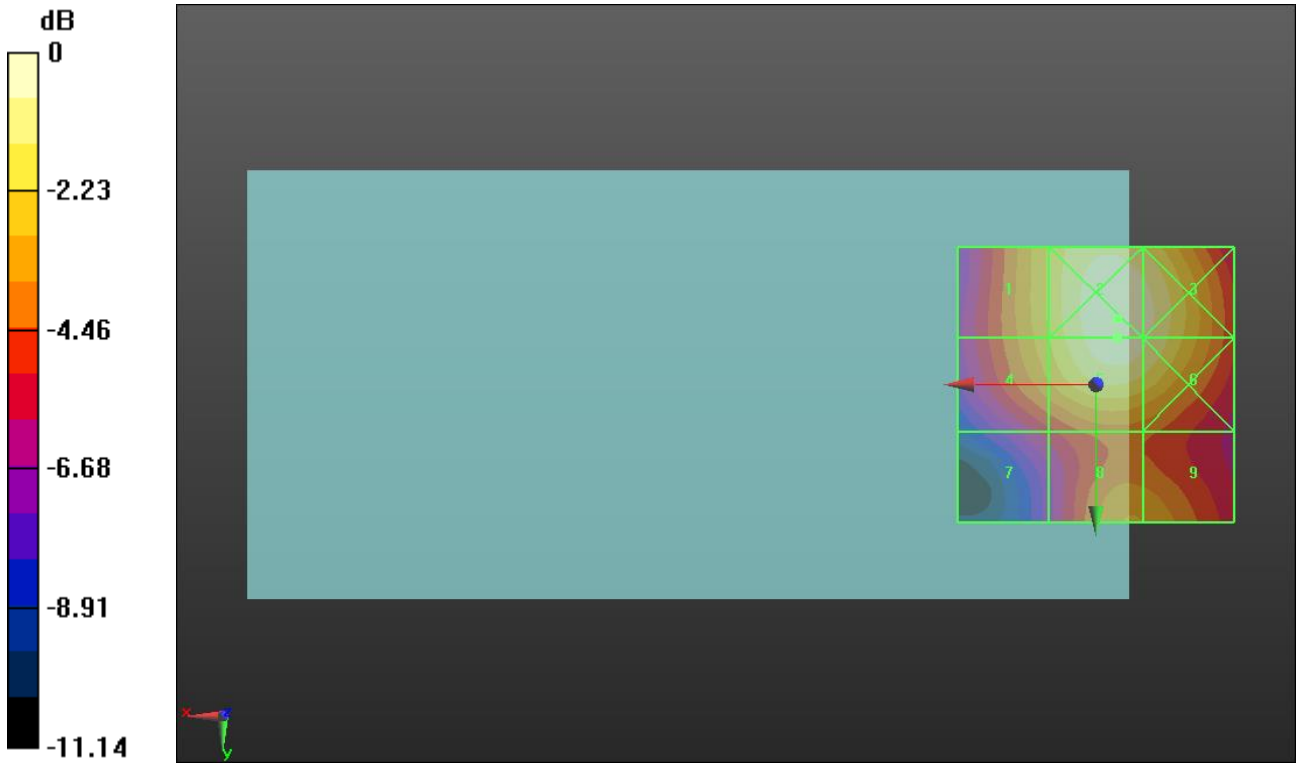
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 2 E-Field measurement/SC-FDMA 1RB 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 = 43.51 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 28.89 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.95 dBV/m**	Grid 2 **M4** **29.02 dBV/m**	Grid 3 **M4** **28.65 dBV/m**
Grid 4 **M4** **26.78 dBV/m**	Grid 5 **M4** **28.89 dBV/m**	Grid 6 **M4** **28.5 dBV/m**
Grid 7 **M4** **23.62 dBV/m**	Grid 8 **M4** **26.15 dBV/m**	Grid 9 **M4** **26.07 dBV/m**



0 dB = 28.25 V/m = 29.02 dBV/m

LTE Band 41 ANT 2

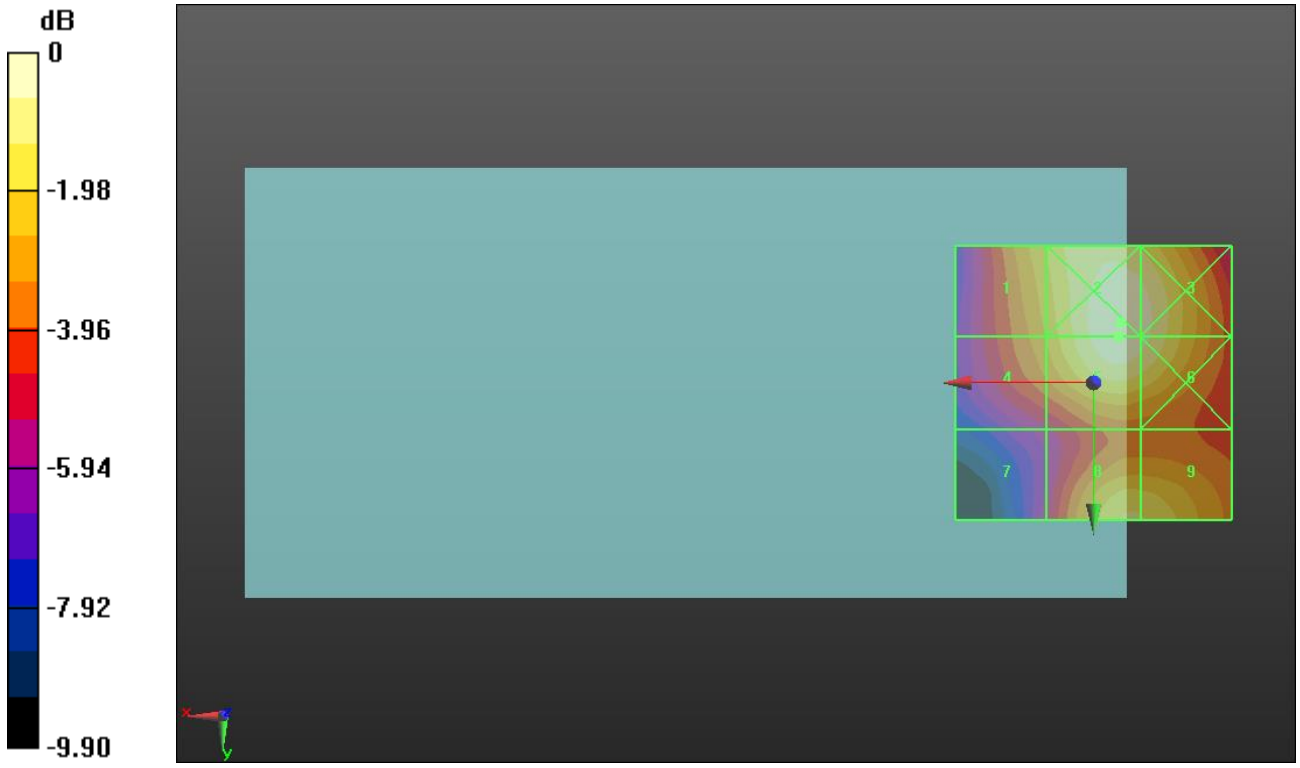
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 2 E-Field measurement/SC-FDMA 1RB 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 = 38.56 V/m; Power Drift = -0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.98 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.19 dBV/m**	Grid 2 **M4** **28.07 dBV/m**	Grid 3 **M4** **27.76 dBV/m**
Grid 4 **M4** **25.51 dBV/m**	Grid 5 **M4** **27.98 dBV/m**	Grid 6 **M4** **27.67 dBV/m**
Grid 7 **M4** **22.66 dBV/m**	Grid 8 **M4** **26.89 dBV/m**	Grid 9 **M4** **26.82 dBV/m**



0 dB = 25.32 V/m = 28.07 dBV/m

LTE Band 41 ANT 2

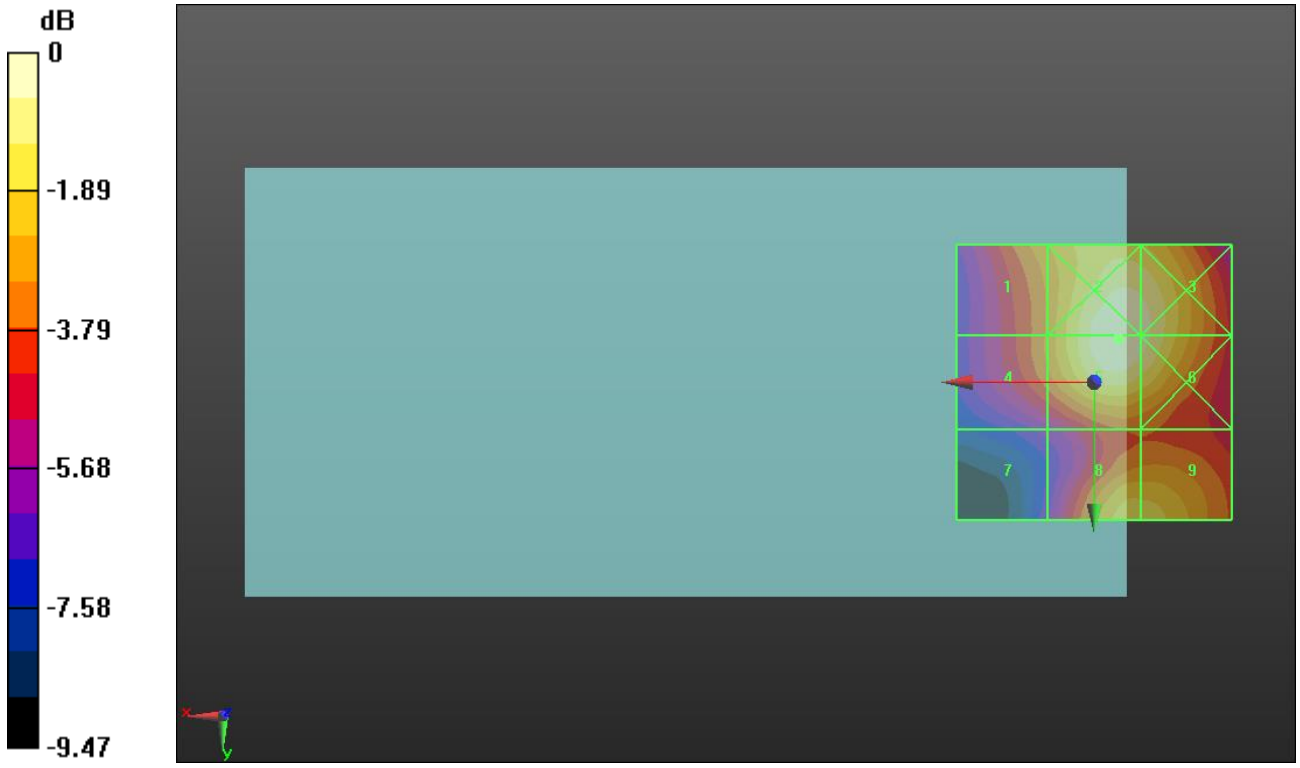
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 2 E-Field measurement/SC-FDMA 1RB 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 = 41.57 V/m; Power Drift = -0.07 dB
Applied MIF = -1.44 dB
RF audio interference level = 27.86 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.33 dBV/m**	Grid 2 **M4** **27.86 dBV/m**	Grid 3 **M4** **27.54 dBV/m**
Grid 4 **M4** **24.9 dBV/m**	Grid 5 **M4** **27.86 dBV/m**	Grid 6 **M4** **27.51 dBV/m**
Grid 7 **M4** **22 dBV/m**	Grid 8 **M4** **26.43 dBV/m**	Grid 9 **M4** **26.38 dBV/m**



0 dB = 24.71 V/m = 27.86 dBV/m

GSM1900 ANT 3

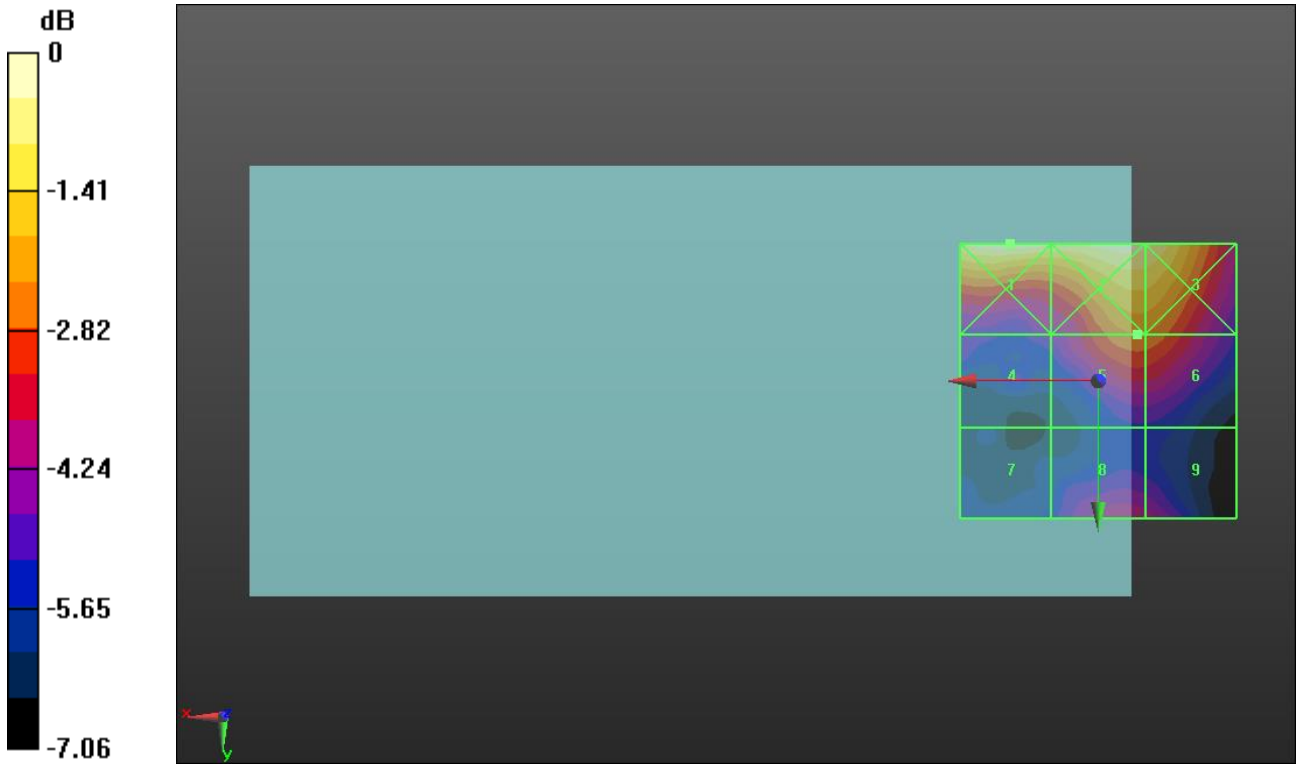
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69961
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_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 = 23.30 V/m; Power Drift = -0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.48 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **31.83 dBV/m**	Grid 2 **M3** **31.71 dBV/m**	Grid 3 **M3** **31.54 dBV/m**
Grid 4 **M4** **27.38 dBV/m**	Grid 5 **M4** **29.48 dBV/m**	Grid 6 **M4** **29.45 dBV/m**
Grid 7 **M4** **26.48 dBV/m**	Grid 8 **M4** **28.14 dBV/m**	Grid 9 **M4** **27.94 dBV/m**



0 dB = 39.03 V/m = 31.83 dBV/m

GSM1900 ANT 3

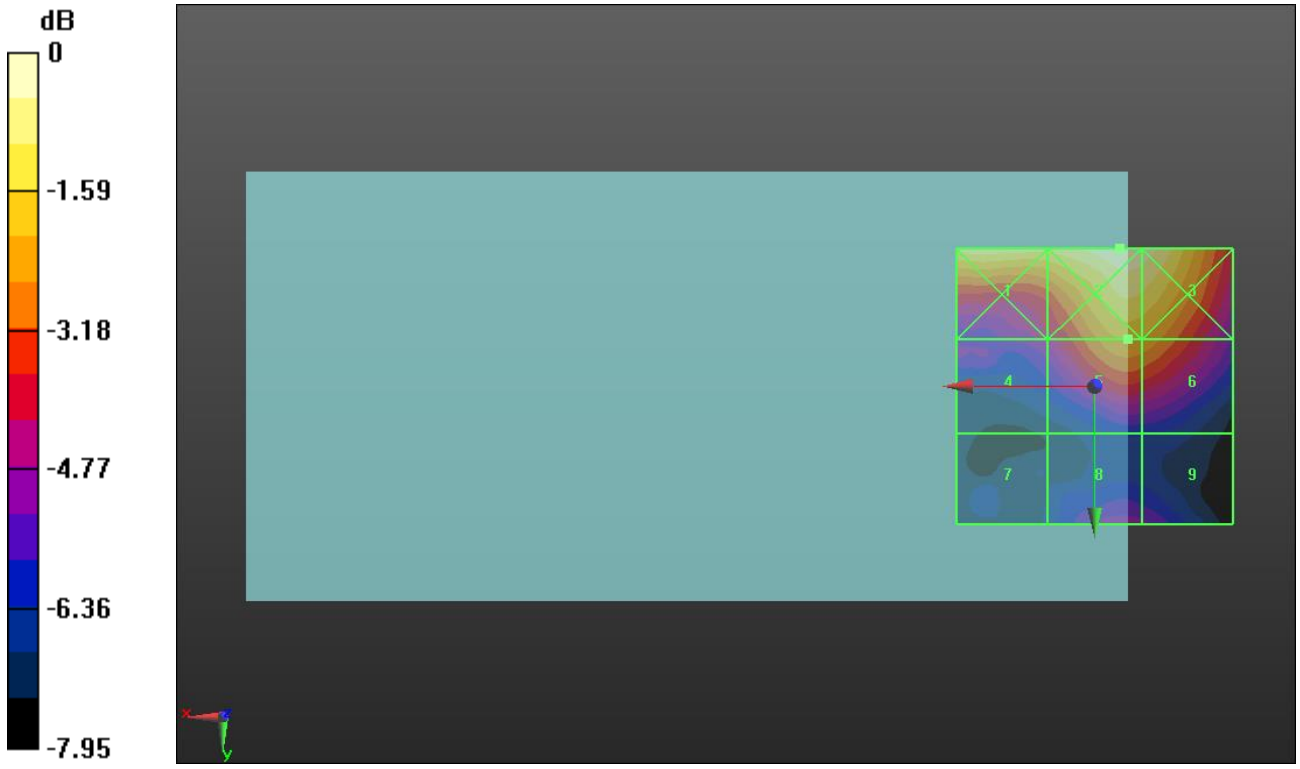
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_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 = 24.33 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.97 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **31.46 dBV/m**	Grid 2 **M3** **32.06 dBV/m**	Grid 3 **M3** **31.89 dBV/m**
Grid 4 **M4** **27.54 dBV/m**	Grid 5 **M4** **29.97 dBV/m**	Grid 6 **M4** **29.84 dBV/m**
Grid 7 **M4** **25.66 dBV/m**	Grid 8 **M4** **27.1 dBV/m**	Grid 9 **M4** **26.98 dBV/m**



0 dB = 40.09 V/m = 32.06 dBV/m

GSM1900 ANT 3

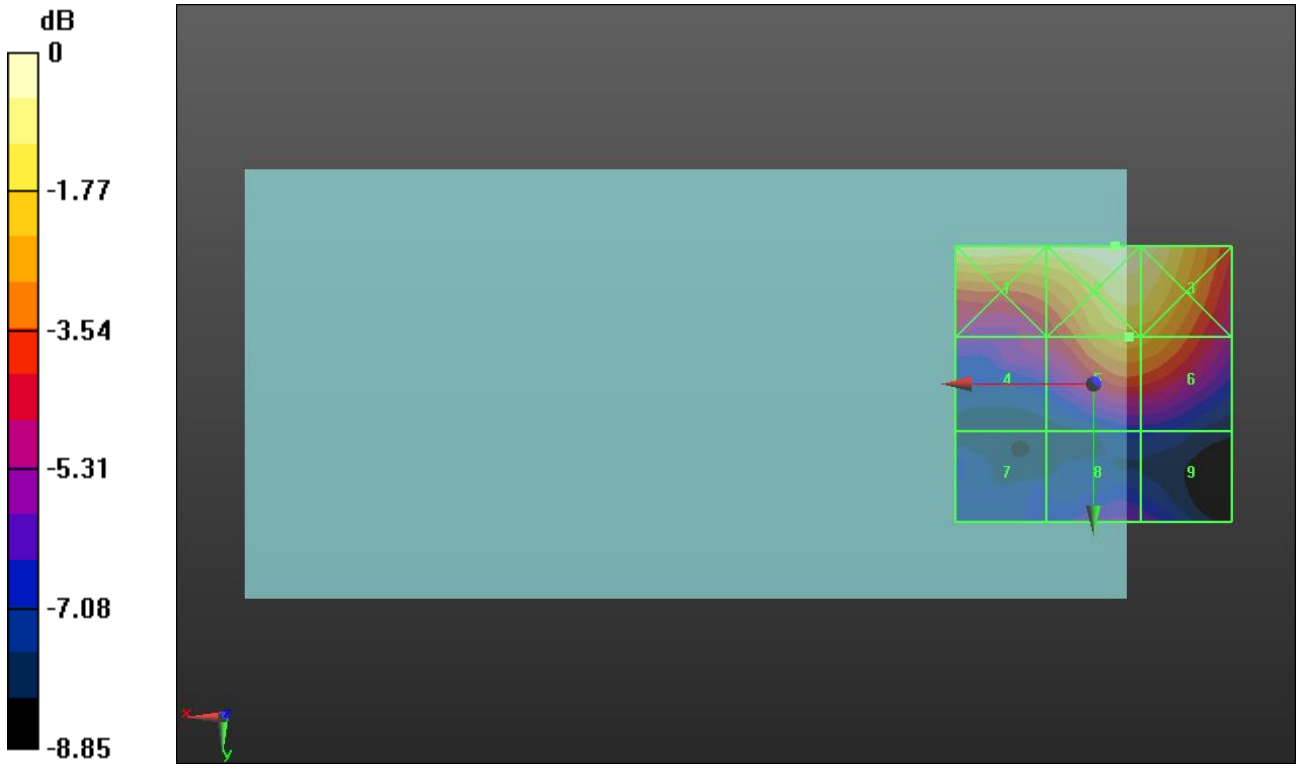
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69961
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_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 = 25.93 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.55 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **32.3 dBV/m**	Grid 2 **M3** **32.55 dBV/m**	Grid 3 **M3** **32.36 dBV/m**
Grid 4 **M4** **27.9 dBV/m**	Grid 5 **M3** **30.55 dBV/m**	Grid 6 **M3** **30.46 dBV/m**
Grid 7 **M4** **25.89 dBV/m**	Grid 8 **M4** **26.85 dBV/m**	Grid 9 **M4** **26.63 dBV/m**



0 dB = 42.40 V/m = 32.55 dBV/m

LTE Band 41 ANT 3

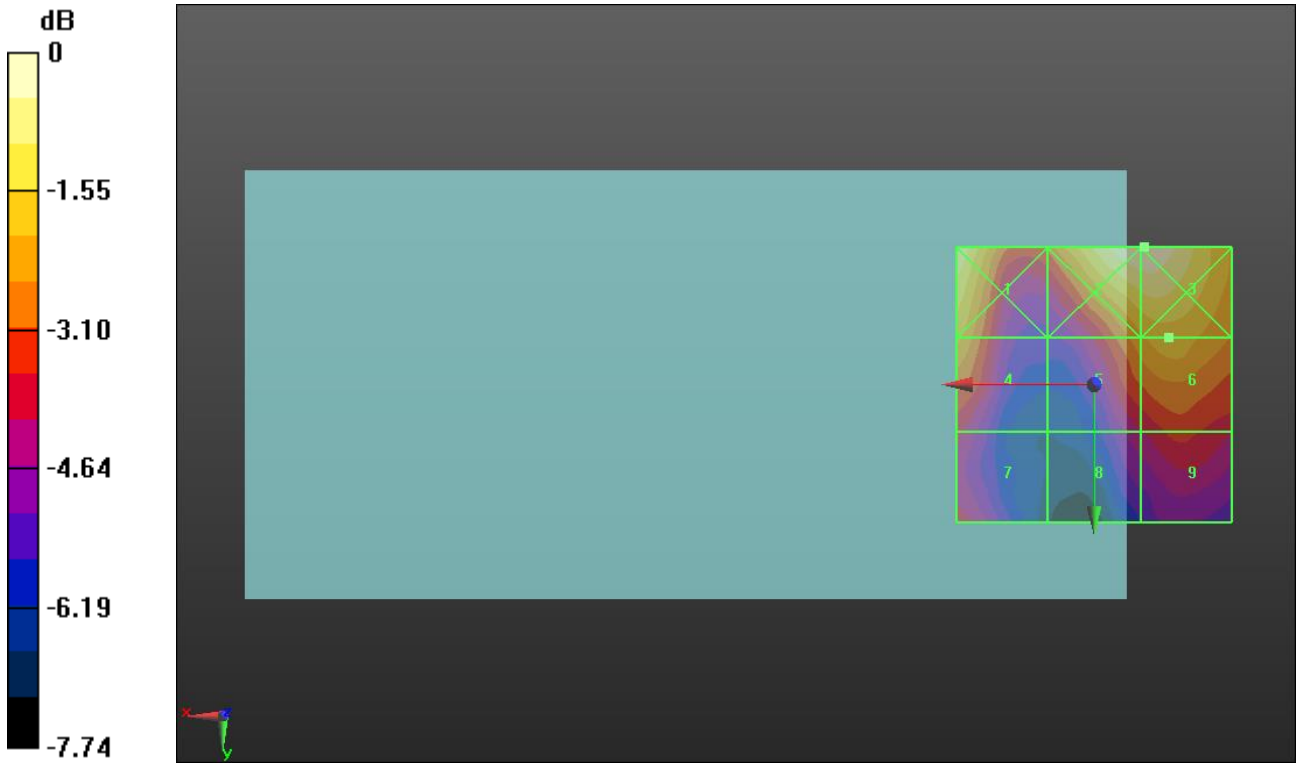
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 3 E-Field measurement/SC-FDMA 1RB 20 MHz 16QAM Ch. 39750/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 12.15 V/m; Power Drift = 0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 21.39 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.95 dBV/m**	Grid 2 **M4** **23.17 dBV/m**	Grid 3 **M4** **23.18 dBV/m**
Grid 4 **M4** **21.29 dBV/m**	Grid 5 **M4** **21 dBV/m**	Grid 6 **M4** **21.39 dBV/m**
Grid 7 **M4** **19.34 dBV/m**	Grid 8 **M4** **19.03 dBV/m**	Grid 9 **M4** **19.78 dBV/m**



0 dB = 14.42 V/m = 23.18 dBV/m

LTE Band 41 ANT 3

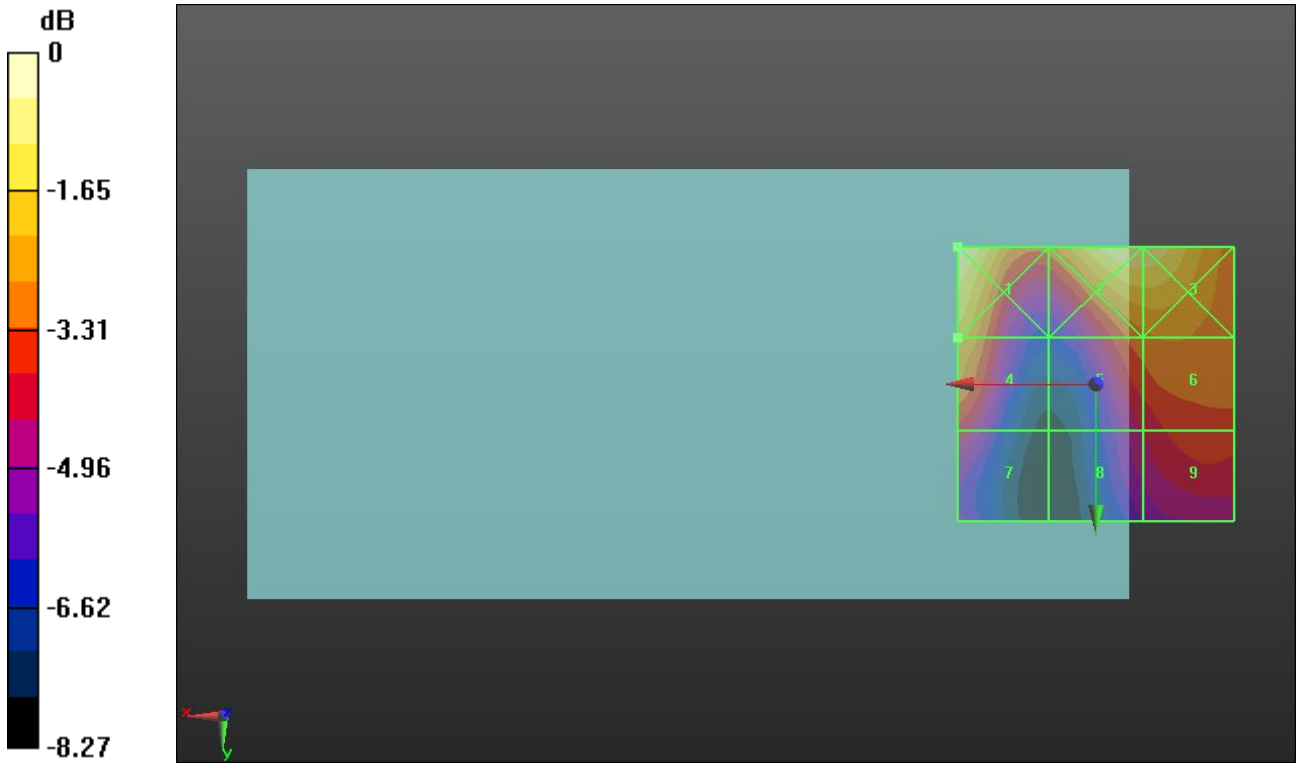
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 3 E-Field measurement/SC-FDMA 1RB 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 = 12.51 V/m; Power Drift = -0.00 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.65 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.6 dBV/m**	Grid 2 **M4** **24.07 dBV/m**	Grid 3 **M4** **24.05 dBV/m**
Grid 4 **M4** **22.65 dBV/m**	Grid 5 **M4** **21.69 dBV/m**	Grid 6 **M4** **21.9 dBV/m**
Grid 7 **M4** **20.52 dBV/m**	Grid 8 **M4** **20.24 dBV/m**	Grid 9 **M4** **21.09 dBV/m**



0 dB = 16.98 V/m = 24.60 dBV/m

LTE Band 41 ANT 3

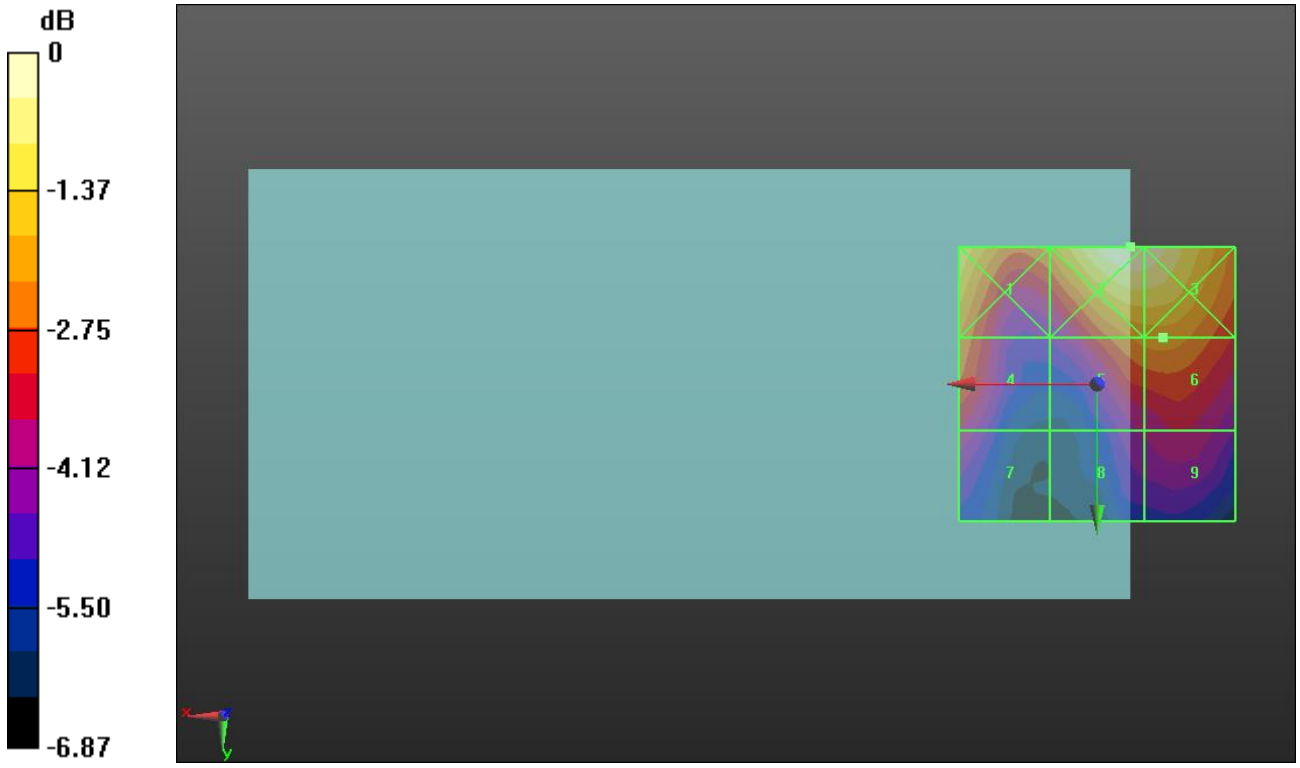
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 3 E-Field measurement/SC-FDMA 1RB 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 = 13.09 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** **22.98 dBV/m**	Grid 2 **M4** **23.74 dBV/m**	Grid 3 **M4** **23.64 dBV/m**
Grid 4 **M4** **21.47 dBV/m**	Grid 5 **M4** **21.61 dBV/m**	Grid 6 **M4** **21.68 dBV/m**
Grid 7 **M4** **20.03 dBV/m**	Grid 8 **M4** **19.72 dBV/m**	Grid 9 **M4** **20.1 dBV/m**



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

LTE Band 41 ANT 3

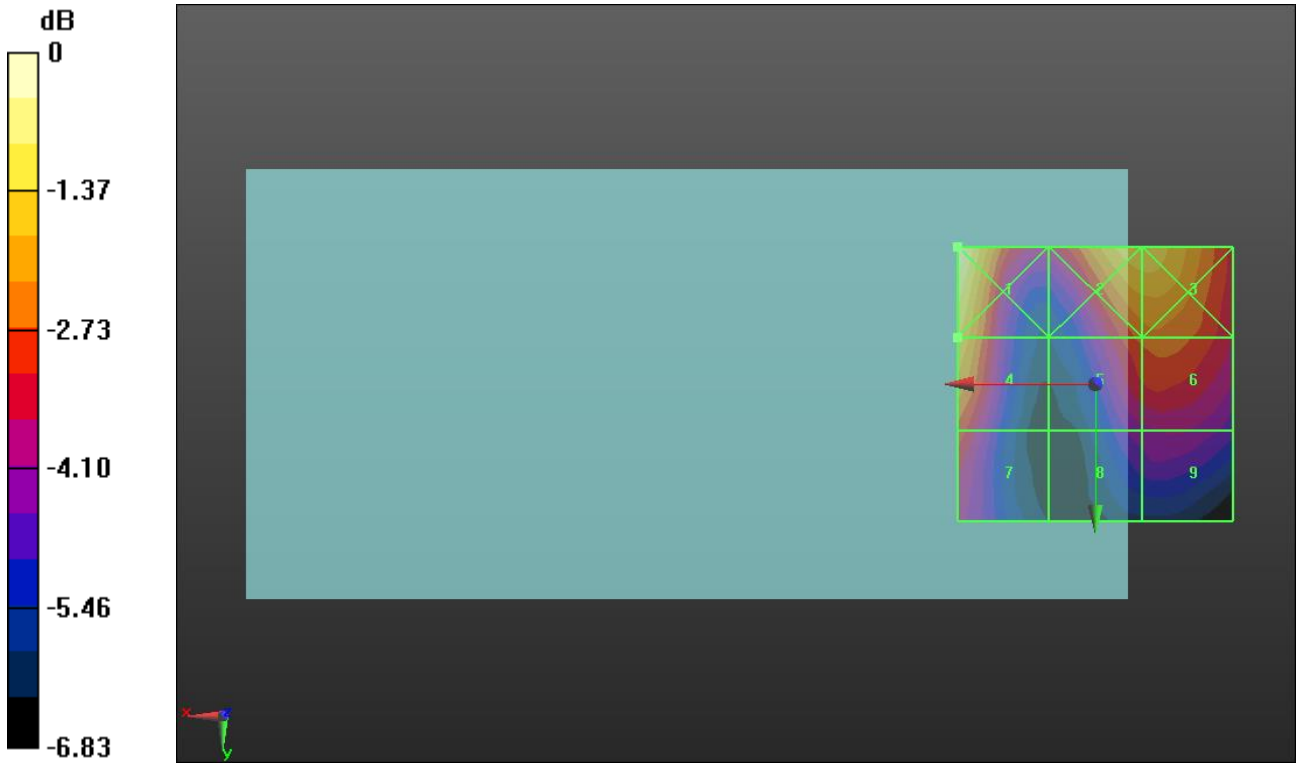
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 3 E-Field measurement/SC-FDMA 1RB 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 = 14.16 V/m; Power Drift = -0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.25 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.58 dBV/m**	Grid 2 **M4** **23.55 dBV/m**	Grid 3 **M4** **23.54 dBV/m**
Grid 4 **M4** **23.25 dBV/m**	Grid 5 **M4** **22.01 dBV/m**	Grid 6 **M4** **22.17 dBV/m**
Grid 7 **M4** **21.72 dBV/m**	Grid 8 **M4** **20.33 dBV/m**	Grid 9 **M4** **20.57 dBV/m**



0 dB = 16.94 V/m = 24.58 dBV/m

LTE Band 41 ANT 3

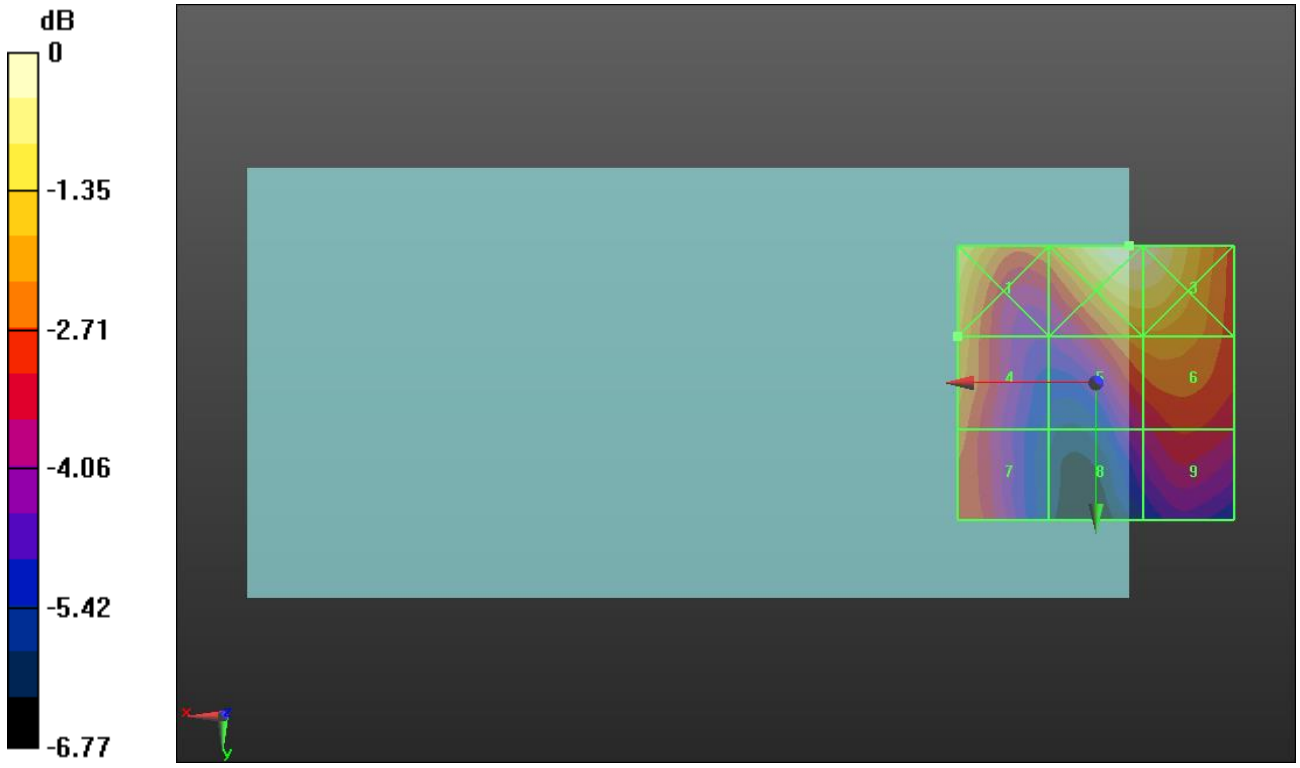
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 3 E-Field measurement/SC-FDMA 1RB 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 = 13.72 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.68 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.82 dBV/m**	Grid 2 **M4** **24.41 dBV/m**	Grid 3 **M4** **24.31 dBV/m**
Grid 4 **M4** **22.68 dBV/m**	Grid 5 **M4** **22.44 dBV/m**	Grid 6 **M4** **22.51 dBV/m**
Grid 7 **M4** **22 dBV/m**	Grid 8 **M4** **20.59 dBV/m**	Grid 9 **M4** **21.32 dBV/m**



0 dB = 16.61 V/m = 24.41 dBV/m

LTE Band 41 ANT 3 PC2

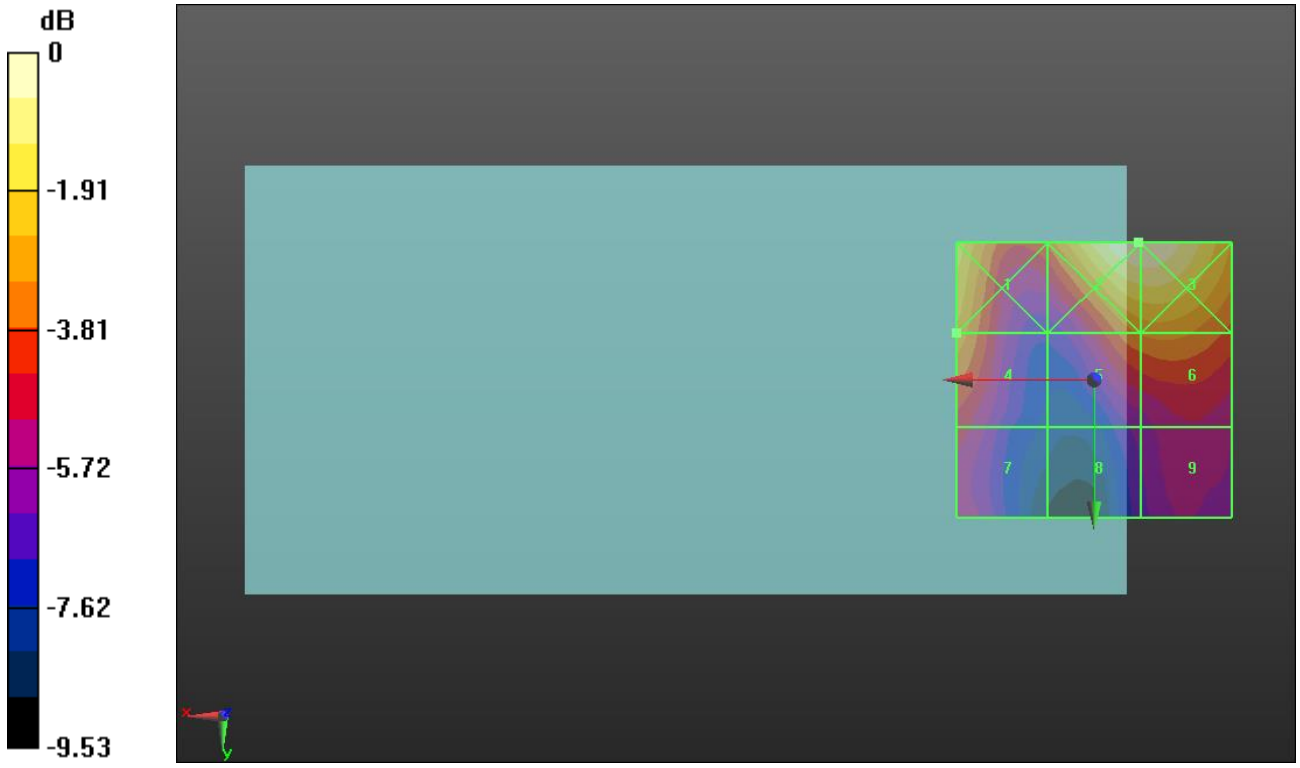
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 E-Field measurement/SC-FDMA 1RB 20 MHz 16QAM Ch. 39750/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 12.34 V/m; Power Drift = 0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.22 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.58 dBV/m**	Grid 2 **M4** **24.88 dBV/m**	Grid 3 **M4** **24.88 dBV/m**
Grid 4 **M4** **22.22 dBV/m**	Grid 5 **M4** **21.78 dBV/m**	Grid 6 **M4** **21.96 dBV/m**
Grid 7 **M4** **20.27 dBV/m**	Grid 8 **M4** **18.9 dBV/m**	Grid 9 **M4** **19.78 dBV/m**



0 dB = 17.54 V/m = 24.88 dBV/m

LTE Band 41 ANT 3 PC2

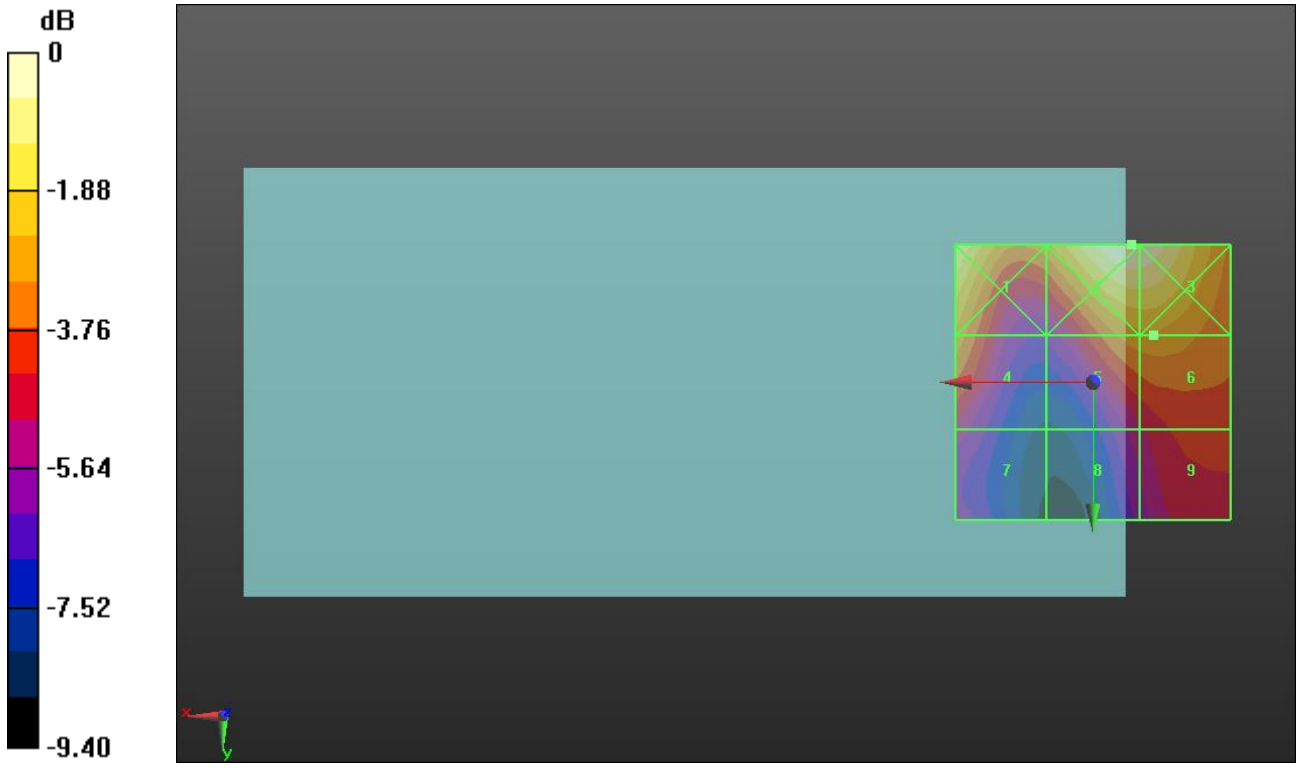
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 16.13 V/m; Power Drift = 0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.68 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.94 dBV/m**	Grid 2 **M4** **26.29 dBV/m**	Grid 3 **M4** **26.23 dBV/m**
Grid 4 **M4** **23.66 dBV/m**	Grid 5 **M4** **23.61 dBV/m**	Grid 6 **M4** **23.68 dBV/m**
Grid 7 **M4** **21.13 dBV/m**	Grid 8 **M4** **21.21 dBV/m**	Grid 9 **M4** **22.21 dBV/m**



0 dB = 20.63 V/m = 26.29 dBV/m

LTE Band 41 ANT 3 PC2

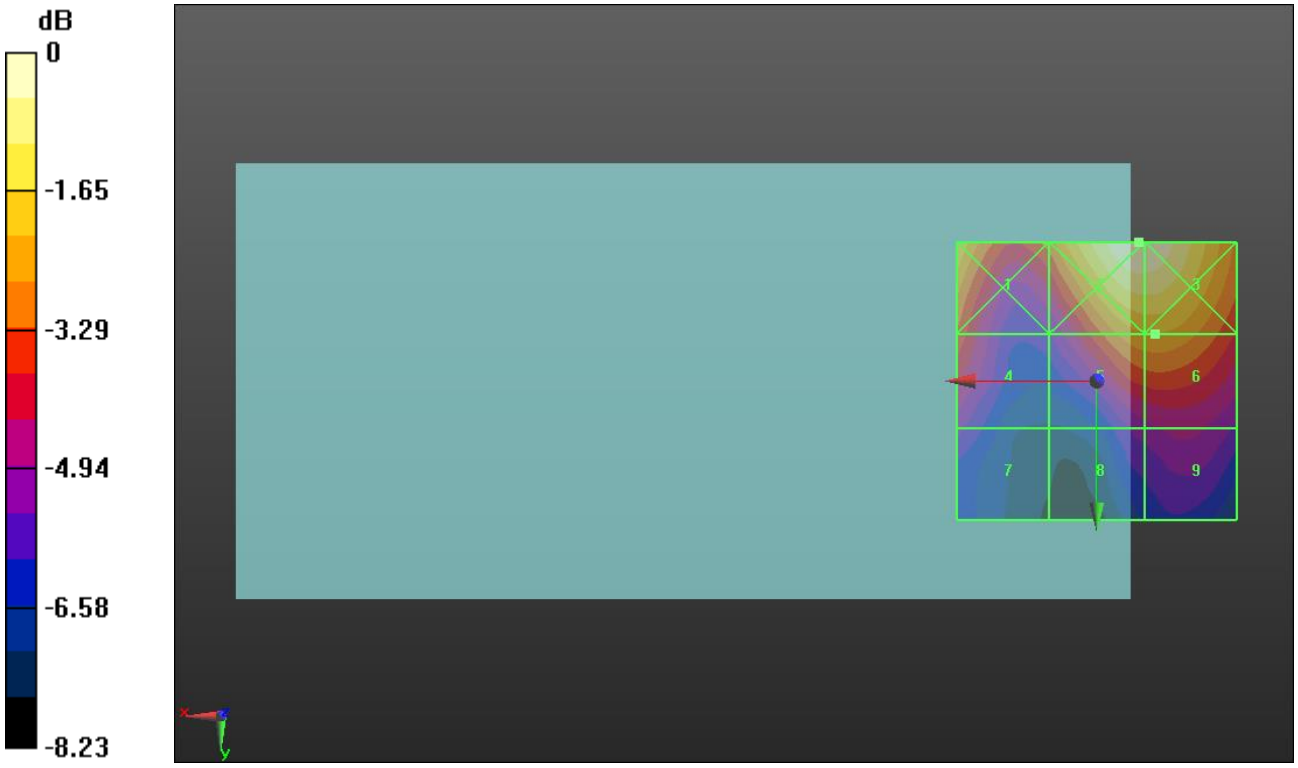
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 E-Field measurement/SC-FDMA 1RB 20 MHz 16QAM Ch. 40620/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 17.45 V/m; Power Drift = -0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.05 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.79 dBV/m**	Grid 2 **M4** **26.23 dBV/m**	Grid 3 **M4** **26.22 dBV/m**
Grid 4 **M4** **22.88 dBV/m**	Grid 5 **M4** **24.01 dBV/m**	Grid 6 **M4** **24.05 dBV/m**
Grid 7 **M4** **20.96 dBV/m**	Grid 8 **M4** **21.09 dBV/m**	Grid 9 **M4** **21.5 dBV/m**



0 dB = 20.49 V/m = 26.23 dBV/m

LTE Band 41 ANT 3 PC2

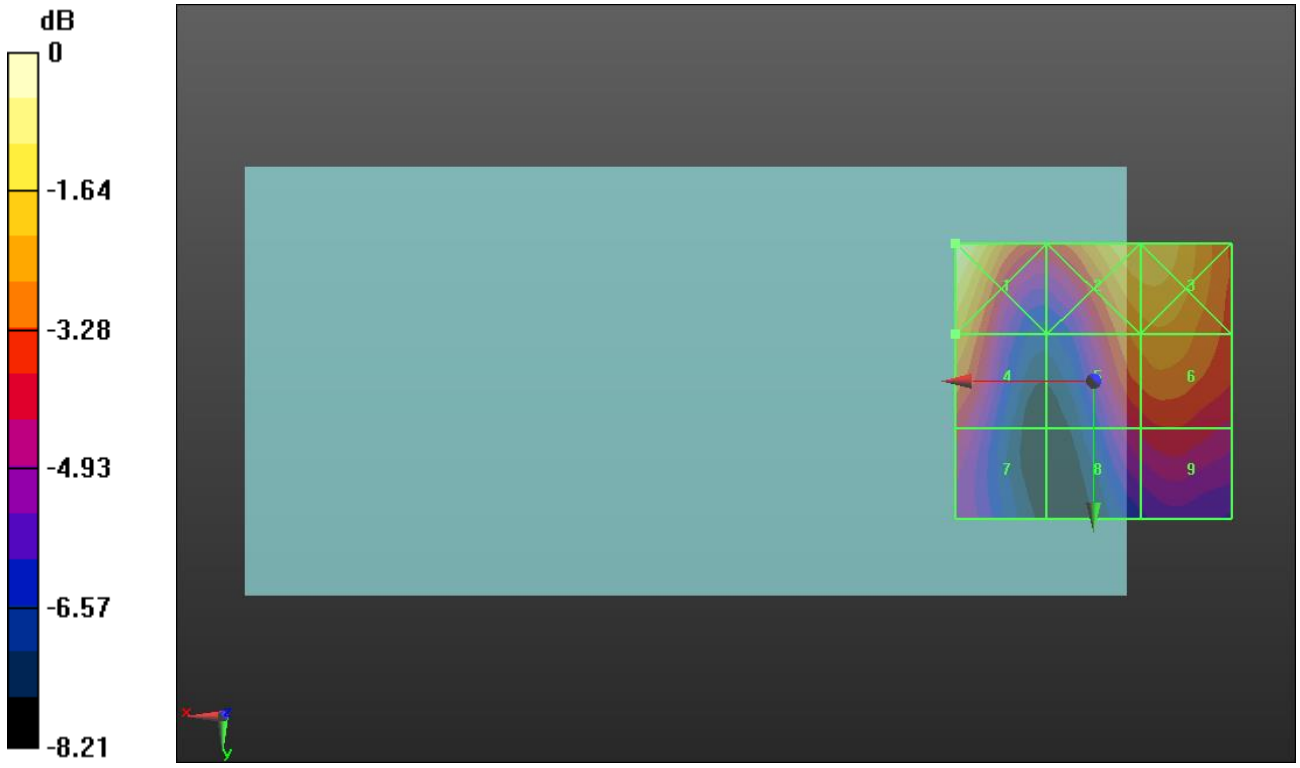
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 18.15 V/m; Power Drift = 0.04 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.70 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.76 dBV/m**	Grid 2 **M4** **25.66 dBV/m**	Grid 3 **M4** **25.66 dBV/m**
Grid 4 **M4** **24.7 dBV/m**	Grid 5 **M4** **24.28 dBV/m**	Grid 6 **M4** **24.48 dBV/m**
Grid 7 **M4** **22.73 dBV/m**	Grid 8 **M4** **22.57 dBV/m**	Grid 9 **M4** **22.94 dBV/m**



0 dB = 21.78 V/m = 26.76 dBV/m

LTE Band 41 ANT 3 PC2

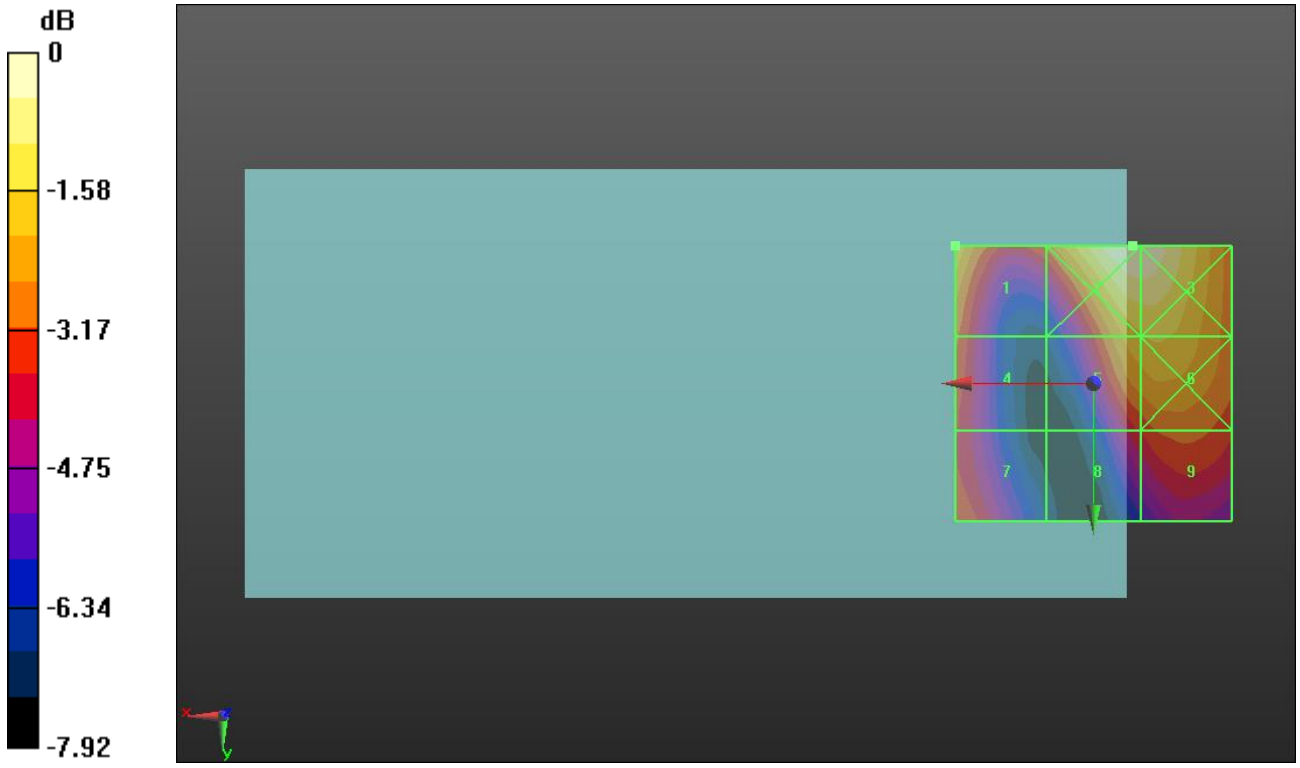
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 E-Field measurement/SC-FDMA 1RB 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 = 19.16 V/m; Power Drift = 0.19 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.05 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.05 dBV/m**	Grid 2 **M4** **26.56 dBV/m**	Grid 3 **M4** **26.53 dBV/m**
Grid 4 **M4** **23.54 dBV/m**	Grid 5 **M4** **24.9 dBV/m**	Grid 6 **M4** **25.06 dBV/m**
Grid 7 **M4** **23.33 dBV/m**	Grid 8 **M4** **22.97 dBV/m**	Grid 9 **M4** **23.63 dBV/m**



0 dB = 21.28 V/m = 26.56 dBV/m

Wi-Fi 2.4 GHz ANT 3

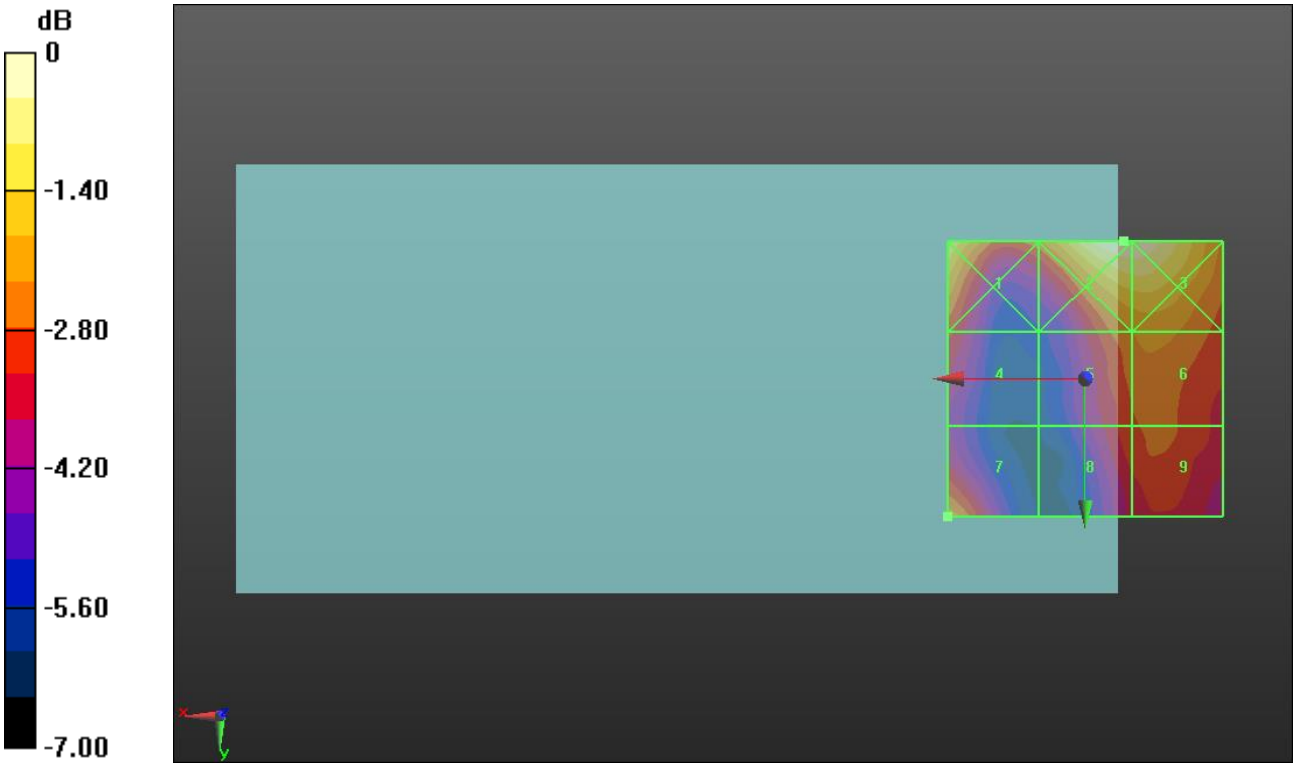
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/DSSS 11 Mbps_ch 1/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 12.41 V/m; Power Drift = 0.18 dB
Applied MIF = -2.02 dB
RF audio interference level = 20.01 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **21.25 dBV/m**	Grid 2 **M4** **21.95 dBV/m**	Grid 3 **M4** **21.92 dBV/m**
Grid 4 **M4** **18.86 dBV/m**	Grid 5 **M4** **19.63 dBV/m**	Grid 6 **M4** **19.79 dBV/m**
Grid 7 **M4** **20.01 dBV/m**	Grid 8 **M4** **19.04 dBV/m**	Grid 9 **M4** **19.28 dBV/m**



0 dB = 12.51 V/m = 21.95 dBV/m

Wi-Fi 2.4 GHz ANT 3

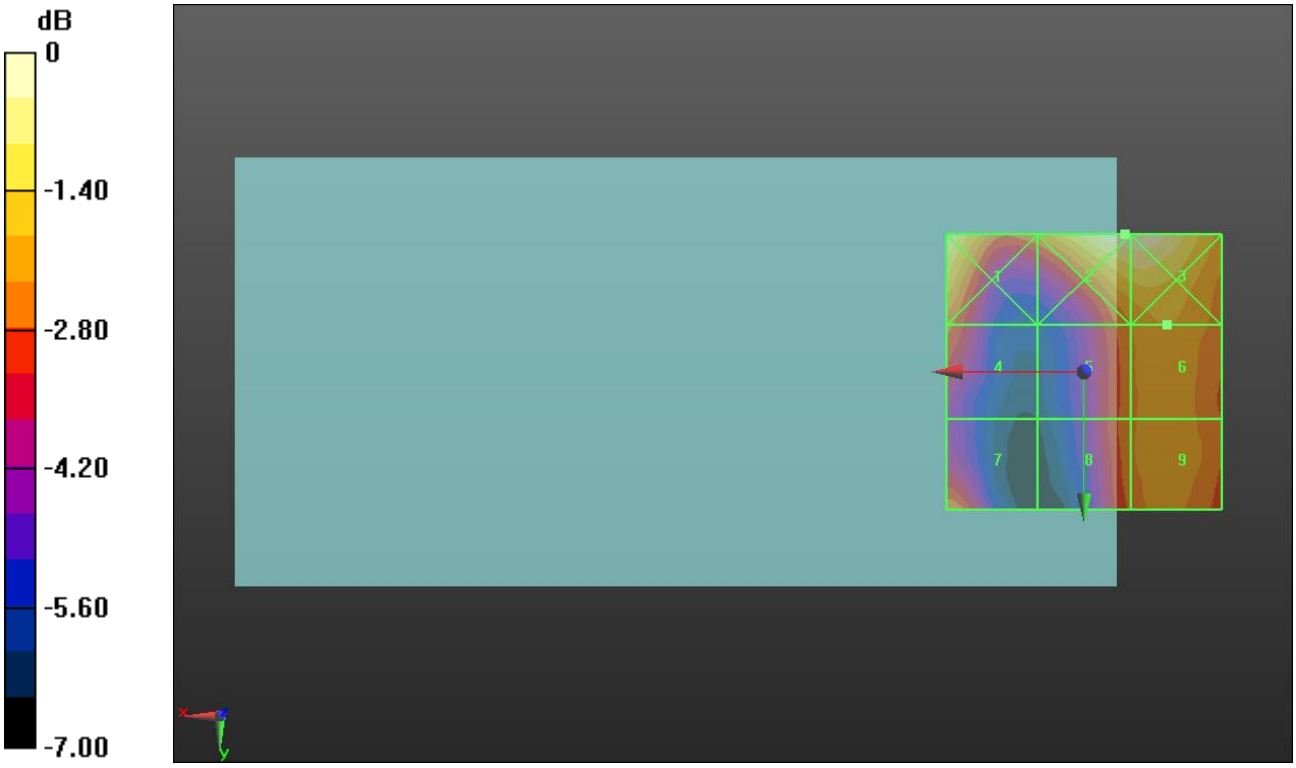
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/DSSS 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 = 13.04 V/m; Power Drift = 0.16 dB
Applied MIF = -2.02 dB
RF audio interference level = 20.95 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.61 dBV/m**	Grid 2 **M4** **22.81 dBV/m**	Grid 3 **M4** **22.8 dBV/m**
Grid 4 **M4** **20.21 dBV/m**	Grid 5 **M4** **20.49 dBV/m**	Grid 6 **M4** **20.95 dBV/m**
Grid 7 **M4** **20.53 dBV/m**	Grid 8 **M4** **20.4 dBV/m**	Grid 9 **M4** **20.9 dBV/m**



0 dB = 13.82 V/m = 22.81 dBV/m

Wi-Fi 2.4 GHz ANT 3

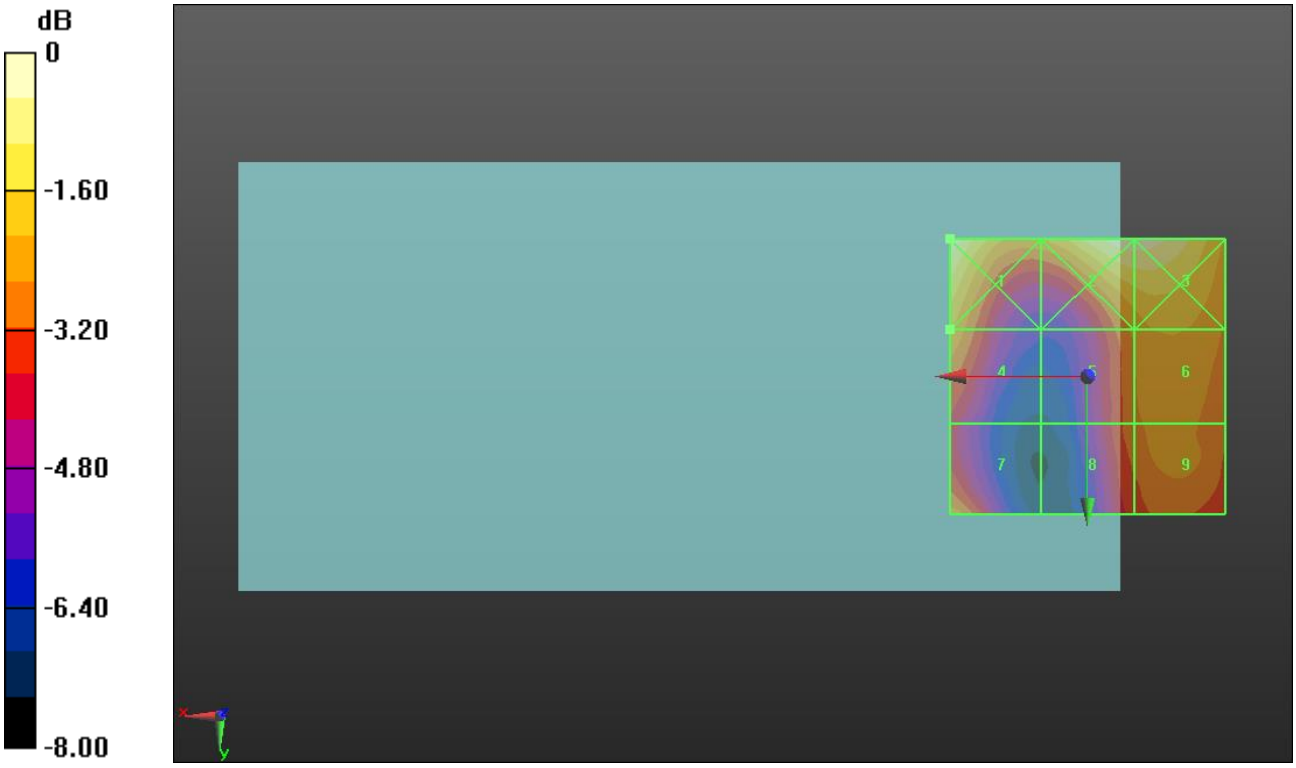
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/DSSS 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 = 12.63 V/m; Power Drift = 0.14 dB
Applied MIF = -2.02 dB
RF audio interference level = 20.99 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.07 dBV/m**	Grid 2 **M4** **22.87 dBV/m**	Grid 3 **M4** **22.85 dBV/m**
Grid 4 **M4** **20.99 dBV/m**	Grid 5 **M4** **20.59 dBV/m**	Grid 6 **M4** **20.97 dBV/m**
Grid 7 **M4** **20.78 dBV/m**	Grid 8 **M4** **20.23 dBV/m**	Grid 9 **M4** **20.63 dBV/m**



0 dB = 14.24 V/m = 23.07 dBV/m

Wi-Fi 2.4 GHz ANT 3

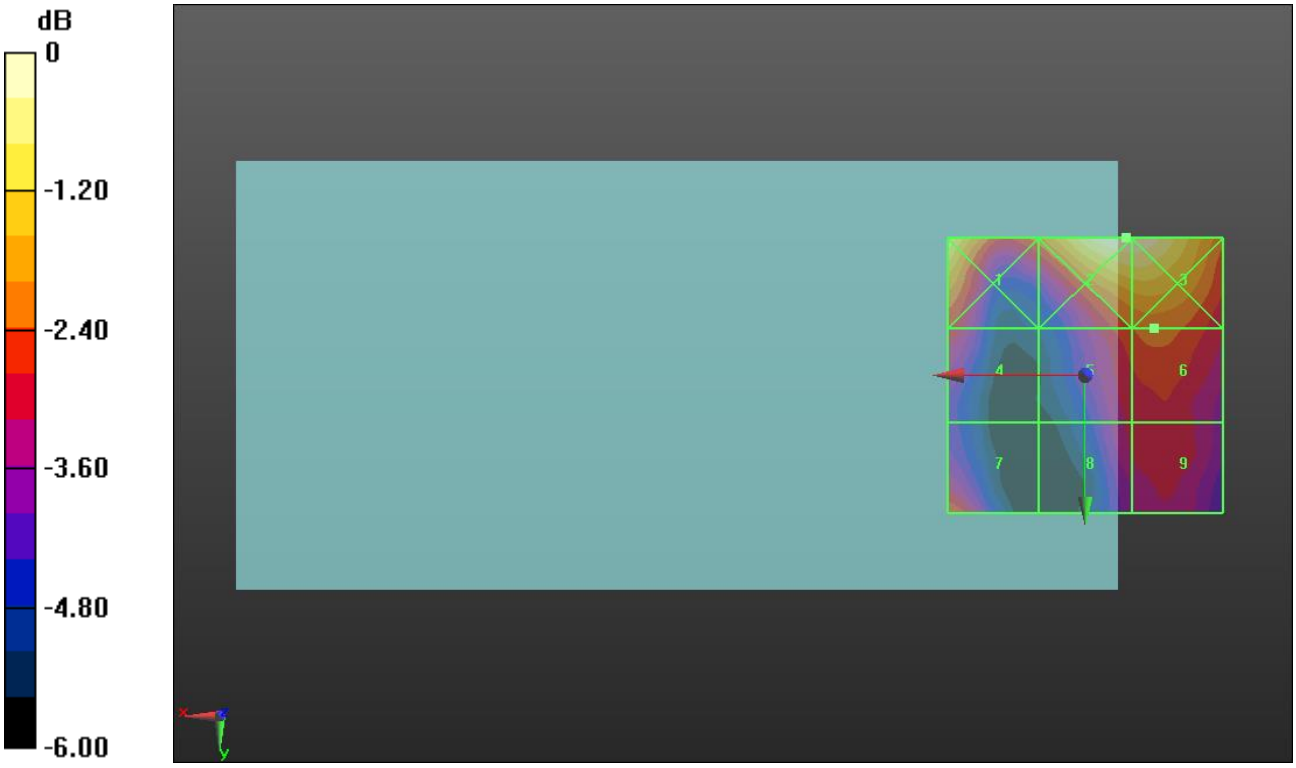
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/DSSS/OFDM, 54 Mbps_ch 1/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 = 10.94 V/m; Power Drift = 0.41 dB
Applied MIF = 0.12 dB
RF audio interference level = 21.09 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.97 dBV/m**	Grid 2 **M4** **23.31 dBV/m**	Grid 3 **M4** **23.29 dBV/m**
Grid 4 **M4** **20.48 dBV/m**	Grid 5 **M4** **20.91 dBV/m**	Grid 6 **M4** **21.09 dBV/m**
Grid 7 **M4** **20.99 dBV/m**	Grid 8 **M4** **20.21 dBV/m**	Grid 9 **M4** **20.42 dBV/m**



0 dB = 14.63 V/m = 23.30 dBV/m

Wi-Fi 2.4 GHz ANT 3

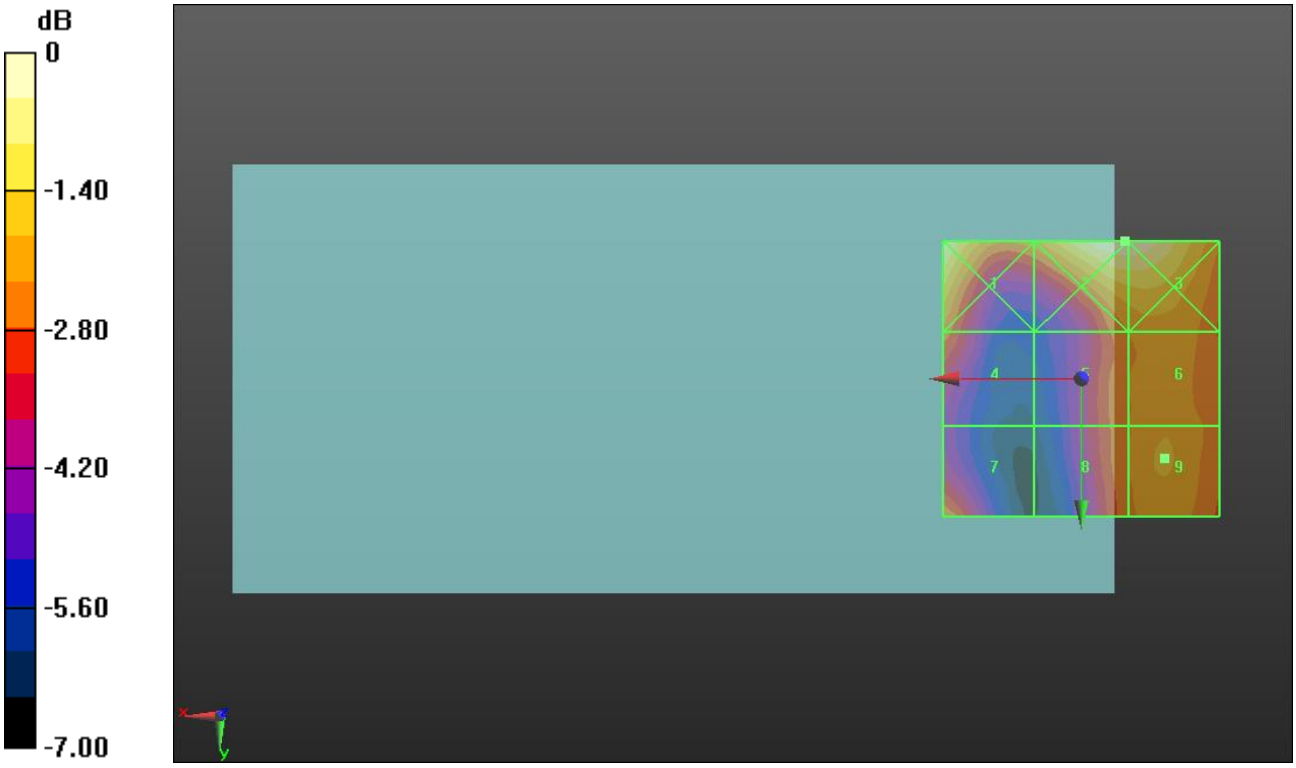
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/DSSS/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 = 12.74 V/m; Power Drift = -0.00 dB
Applied MIF = 0.12 dB
RF audio interference level = 22.49 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.29 dBV/m**	Grid 2 **M4** **24.29 dBV/m**	Grid 3 **M4** **24.29 dBV/m**
Grid 4 **M4** **21.8 dBV/m**	Grid 5 **M4** **21.99 dBV/m**	Grid 6 **M4** **22.37 dBV/m**
Grid 7 **M4** **22.03 dBV/m**	Grid 8 **M4** **22 dBV/m**	Grid 9 **M4** **22.49 dBV/m**



0 dB = 16.39 V/m = 24.29 dBV/m

Wi-Fi 2.4 GHz ANT 3

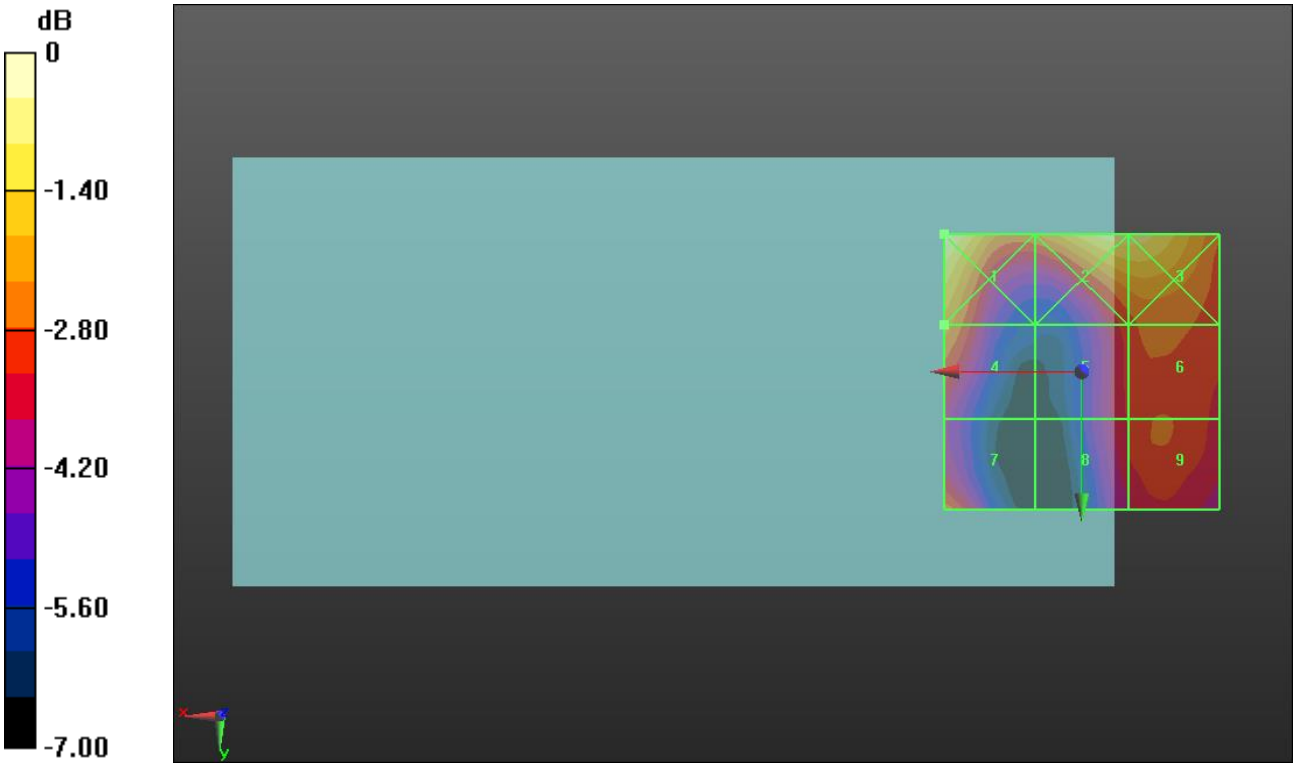
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/DSSS/OFDM, 54 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 = 11.78 V/m; Power Drift = 0.13 dB
Applied MIF = 0.12 dB
RF audio interference level = 23.08 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.15 dBV/m**	Grid 2 **M4** **24.55 dBV/m**	Grid 3 **M4** **24.54 dBV/m**
Grid 4 **M4** **23.08 dBV/m**	Grid 5 **M4** **22.18 dBV/m**	Grid 6 **M4** **22.54 dBV/m**
Grid 7 **M4** **22.67 dBV/m**	Grid 8 **M4** **21.96 dBV/m**	Grid 9 **M4** **22.42 dBV/m**



0 dB = 18.09 V/m = 25.15 dBV/m

GSM1900 ANT 4

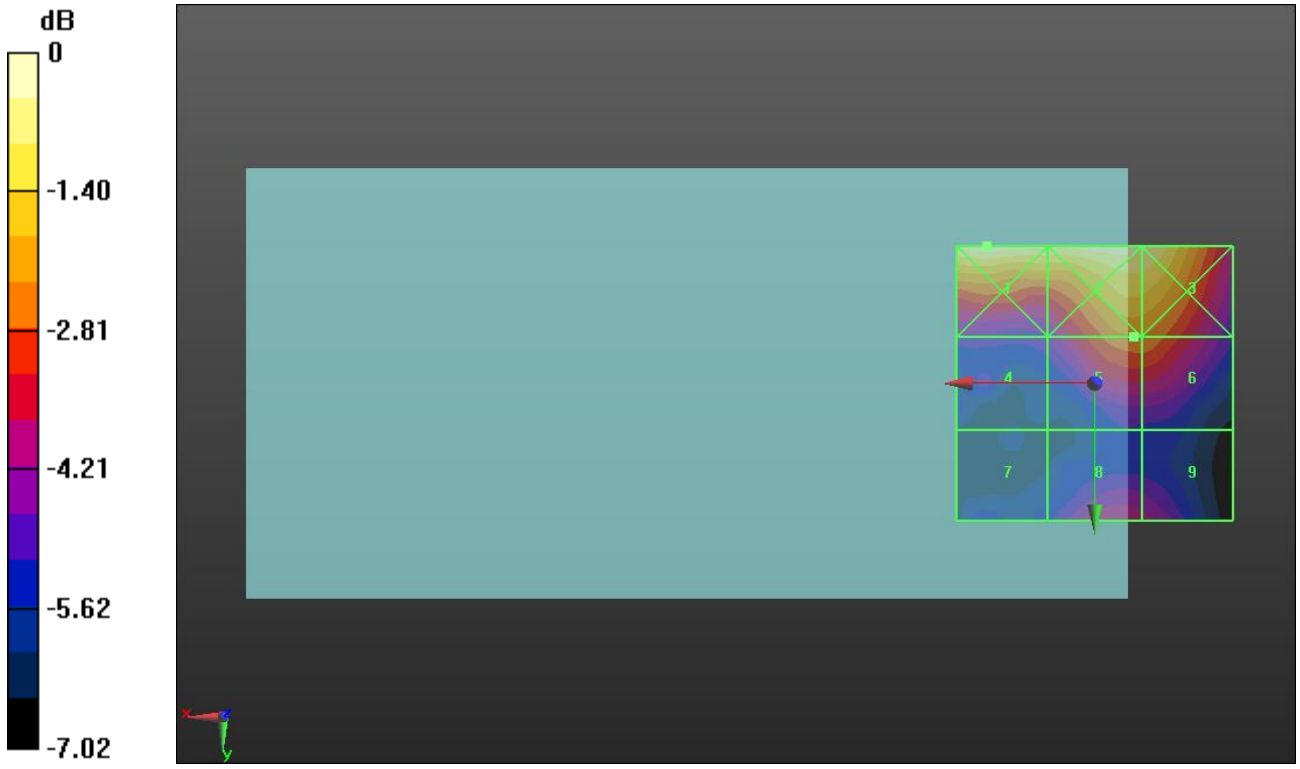
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8.69961
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1850.2 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_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 = 22.97 V/m; Power Drift = 0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.50 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **31.85 dBV/m**	Grid 2 **M3** **31.71 dBV/m**	Grid 3 **M3** **31.61 dBV/m**
Grid 4 **M4** **27.25 dBV/m**	Grid 5 **M4** **29.5 dBV/m**	Grid 6 **M4** **29.47 dBV/m**
Grid 7 **M4** **26.81 dBV/m**	Grid 8 **M4** **28.17 dBV/m**	Grid 9 **M4** **27.94 dBV/m**



0 dB = 39.12 V/m = 31.85 dBV/m

GSM1900 ANT 4

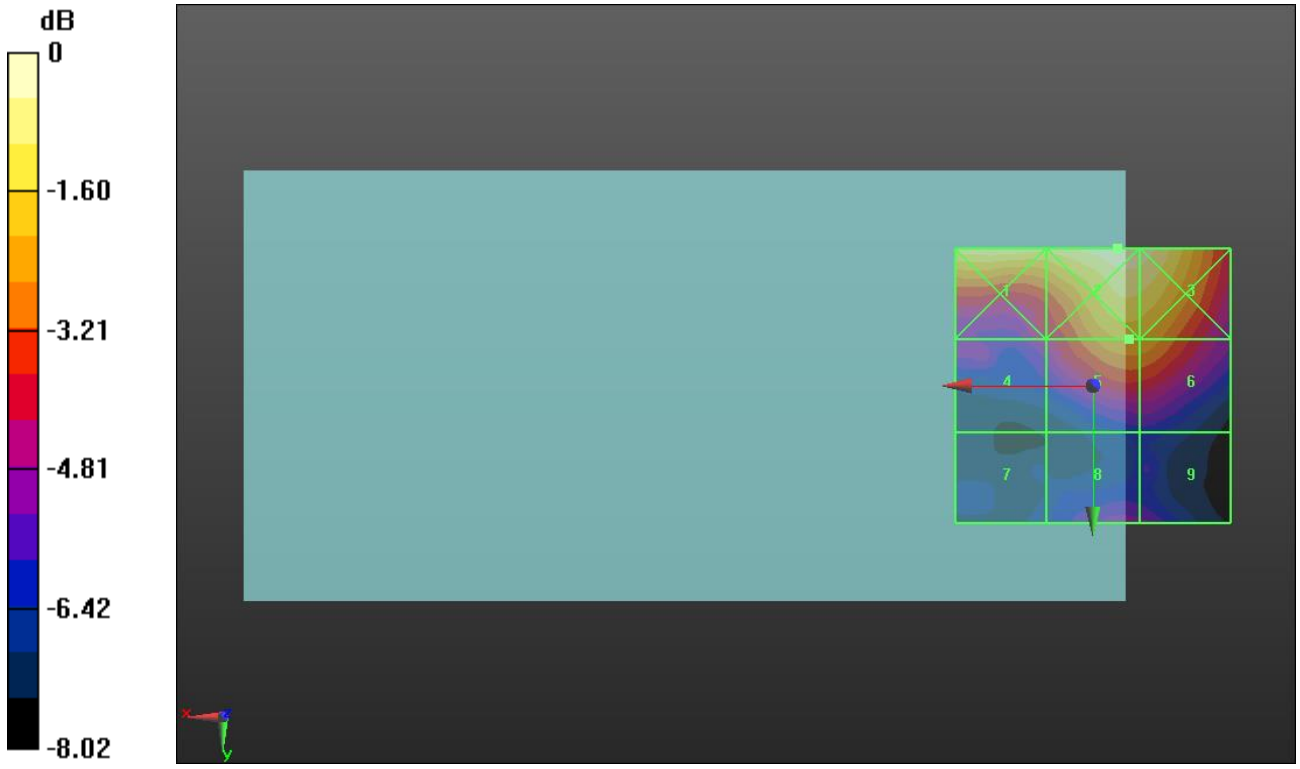
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_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 = 24.44 V/m; Power Drift = -0.10 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.92 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M3** **31.51 dBV/m**	Grid 2 **M3** **32.01 dBV/m**	Grid 3 **M3** **31.87 dBV/m**
Grid 4 **M4** **27.55 dBV/m**	Grid 5 **M4** **29.92 dBV/m**	Grid 6 **M4** **29.84 dBV/m**
Grid 7 **M4** **25.57 dBV/m**	Grid 8 **M4** **27.07 dBV/m**	Grid 9 **M4** **27 dBV/m**



0 dB = 39.86 V/m = 32.01 dBV/m

GSM1900 ANT 4

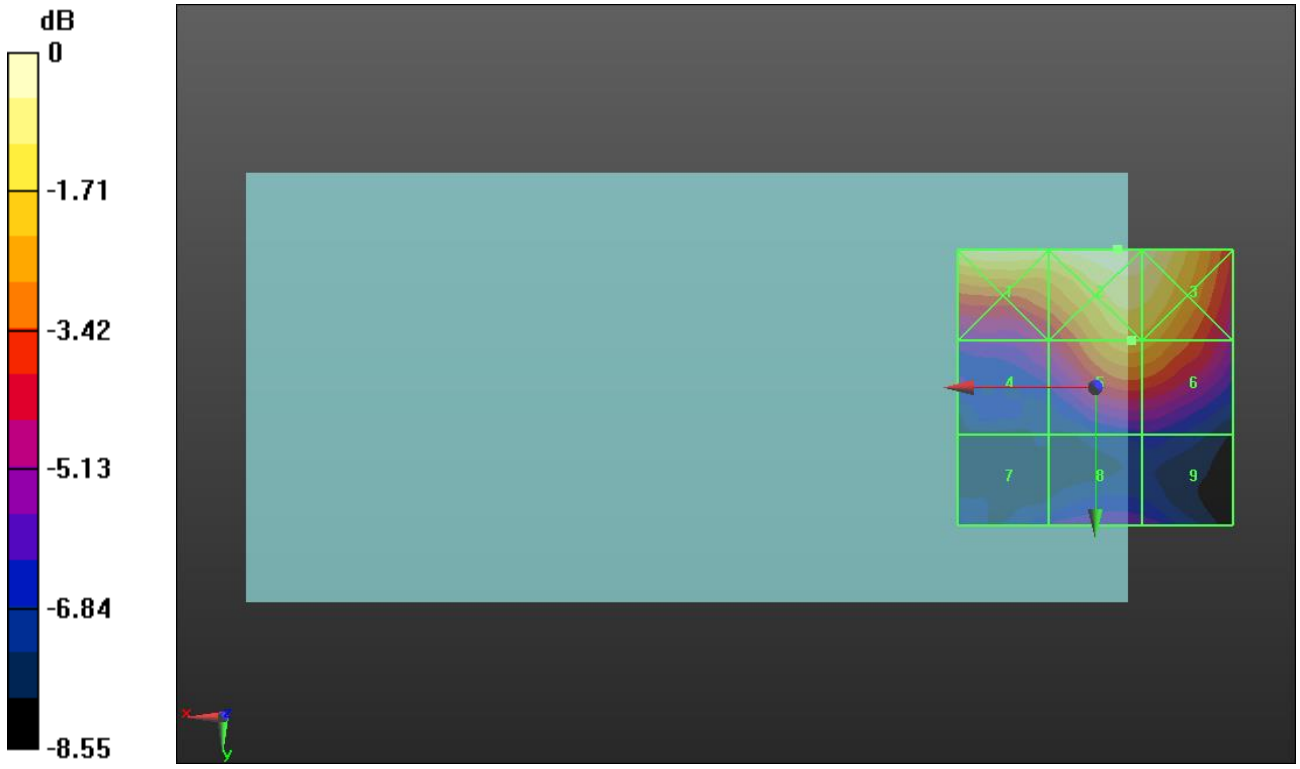
Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8.69961
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1909.8 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

GSM1900 E-Field measurement/Voice_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 = 26.26 V/m; Power Drift = 0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.70 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **32.22 dBV/m**	Grid 2 **M3** **32.58 dBV/m**	Grid 3 **M3** **32.39 dBV/m**
Grid 4 **M4** **27.9 dBV/m**	Grid 5 **M3** **30.7 dBV/m**	Grid 6 **M3** **30.61 dBV/m**
Grid 7 **M4** **26.45 dBV/m**	Grid 8 **M4** **26.94 dBV/m**	Grid 9 **M4** **26.84 dBV/m**



0 dB = 42.54 V/m = 32.58 dBV/m

LTE Band 41 ANT 4

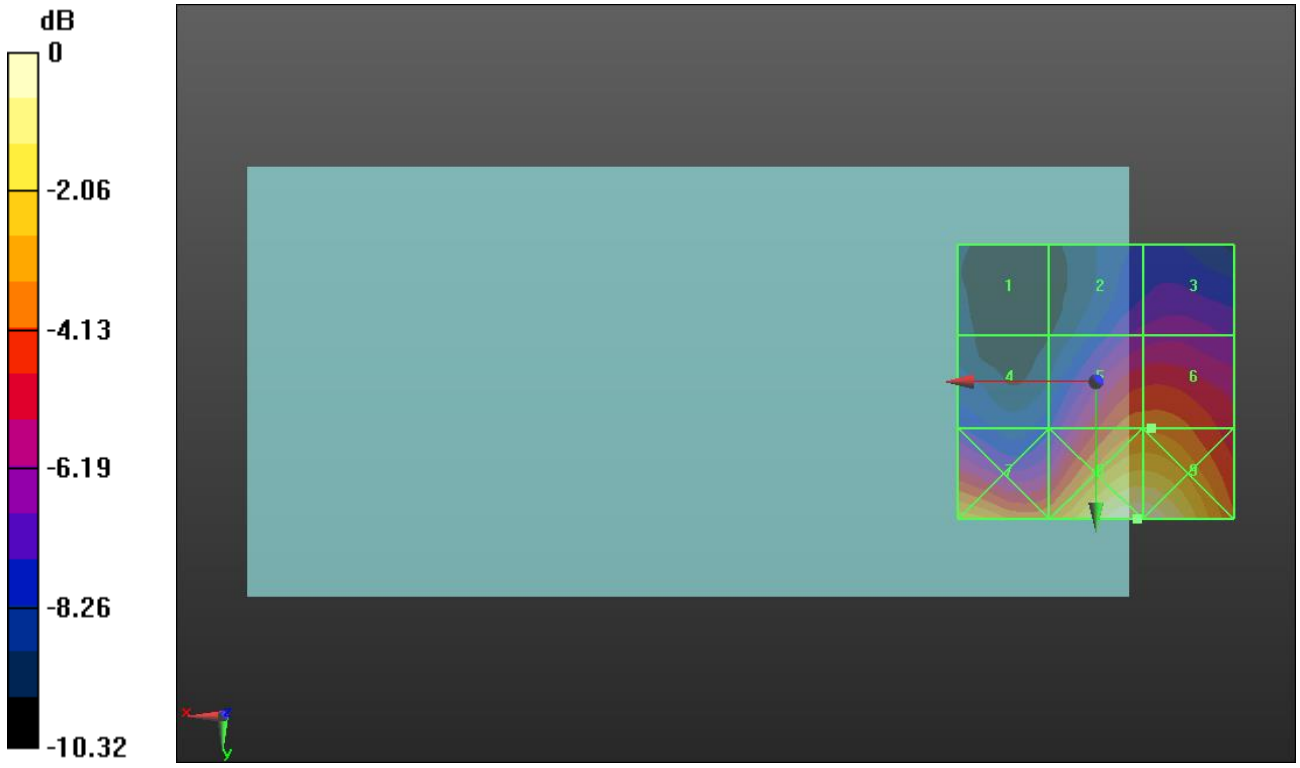
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2506 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2506 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 4 E-Field measurement/SC-FDMA 1RB 20 MHz 16QAM Ch. 39750/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 19.31 V/m; Power Drift = -0.07 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.94 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.32 dBV/m**	Grid 2 **M4** **20.92 dBV/m**	Grid 3 **M4** **21.17 dBV/m**
Grid 4 **M4** **20.15 dBV/m**	Grid 5 **M4** **23.92 dBV/m**	Grid 6 **M4** **23.94 dBV/m**
Grid 7 **M4** **25.35 dBV/m**	Grid 8 **M4** **27.51 dBV/m**	Grid 9 **M4** **27.48 dBV/m**



0 dB = 23.73 V/m = 27.51 dBV/m

LTE Band 41 ANT 4

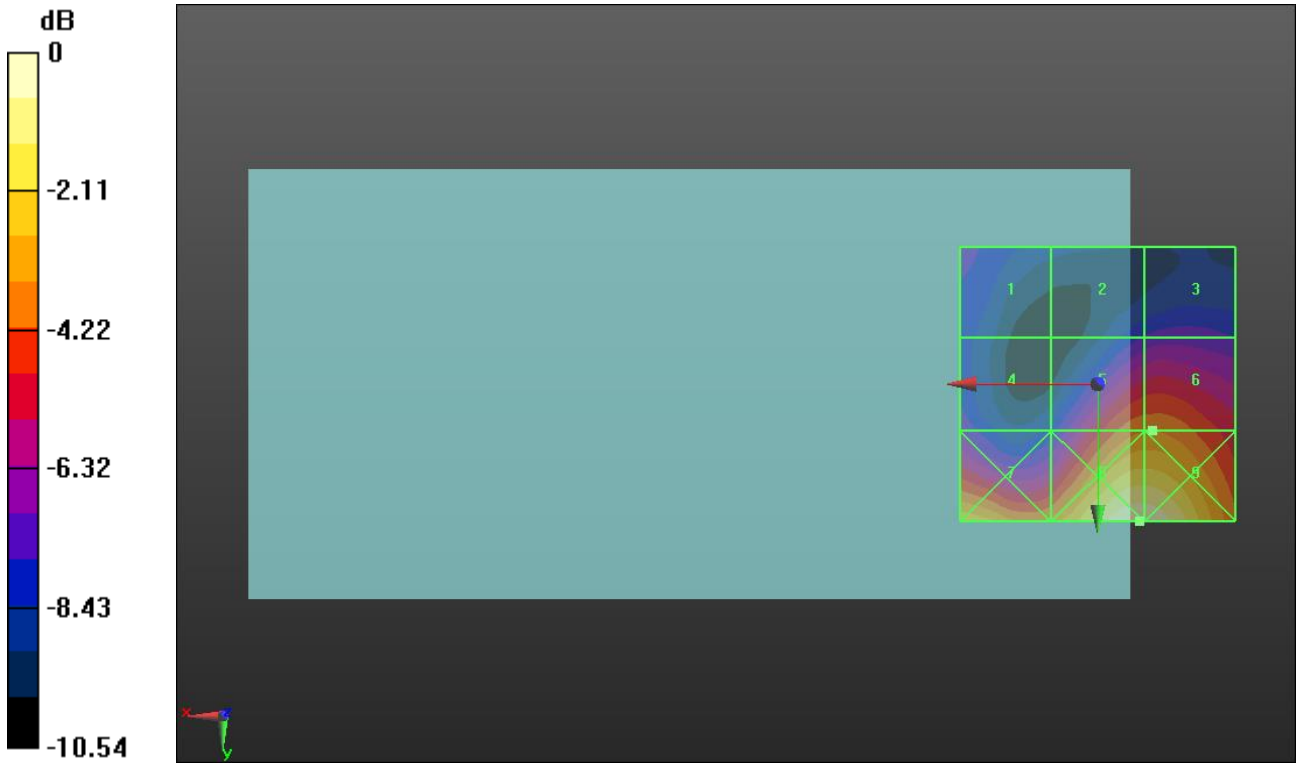
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2549.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2549.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 17.16 V/m; Power Drift = 0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.03 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.2 dBV/m**	Grid 2 **M4** **19.94 dBV/m**	Grid 3 **M4** **20.29 dBV/m**
Grid 4 **M4** **20.57 dBV/m**	Grid 5 **M4** **24 dBV/m**	Grid 6 **M4** **24.03 dBV/m**
Grid 7 **M4** **25.48 dBV/m**	Grid 8 **M4** **27.57 dBV/m**	Grid 9 **M4** **27.55 dBV/m**



0 dB = 23.90 V/m = 27.57 dBV/m

LTE Band 41 ANT 4

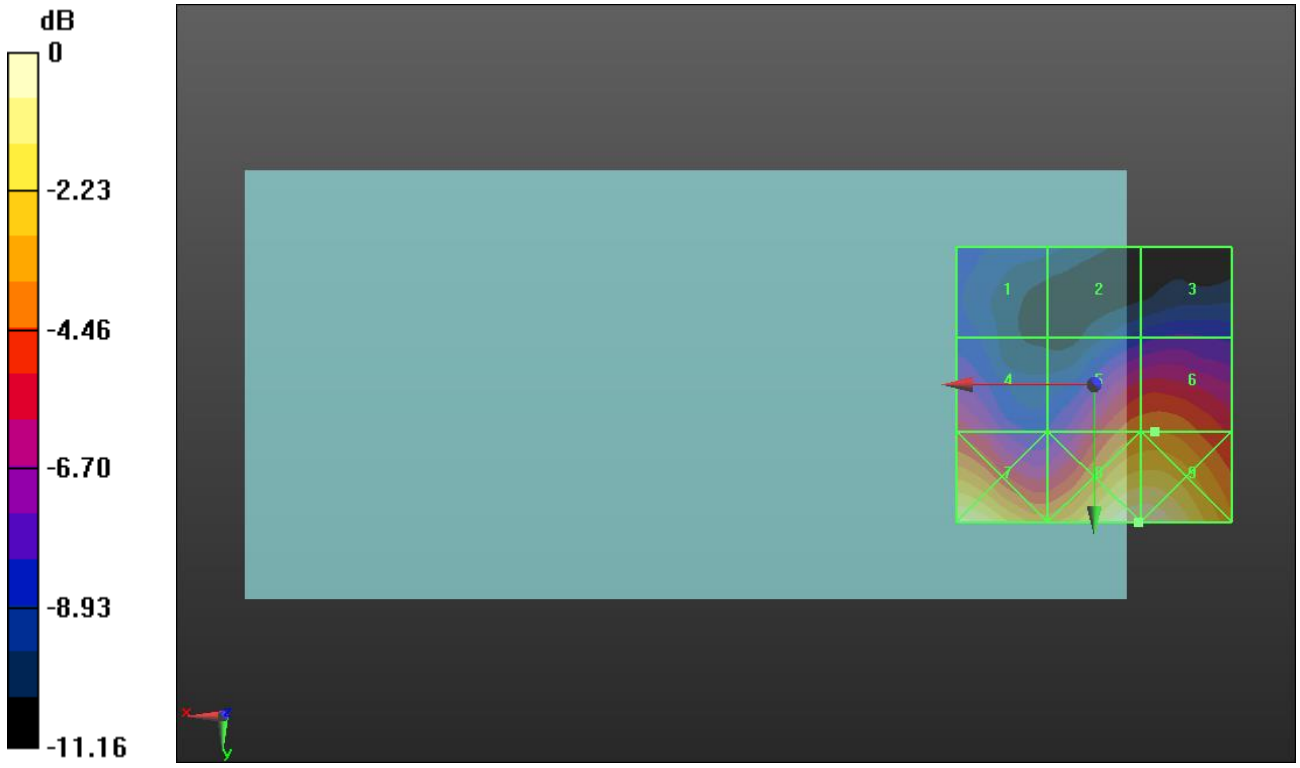
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2593 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2593 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 14.23 V/m; Power Drift = -0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.71 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.96 dBV/m**	Grid 2 **M4** **17.91 dBV/m**	Grid 3 **M4** **18.43 dBV/m**
Grid 4 **M4** **21.01 dBV/m**	Grid 5 **M4** **22.6 dBV/m**	Grid 6 **M4** **22.71 dBV/m**
Grid 7 **M4** **25.99 dBV/m**	Grid 8 **M4** **26.39 dBV/m**	Grid 9 **M4** **26.39 dBV/m**



0 dB = 20.87 V/m = 26.39 dBV/m

LTE Band 41 ANT 4

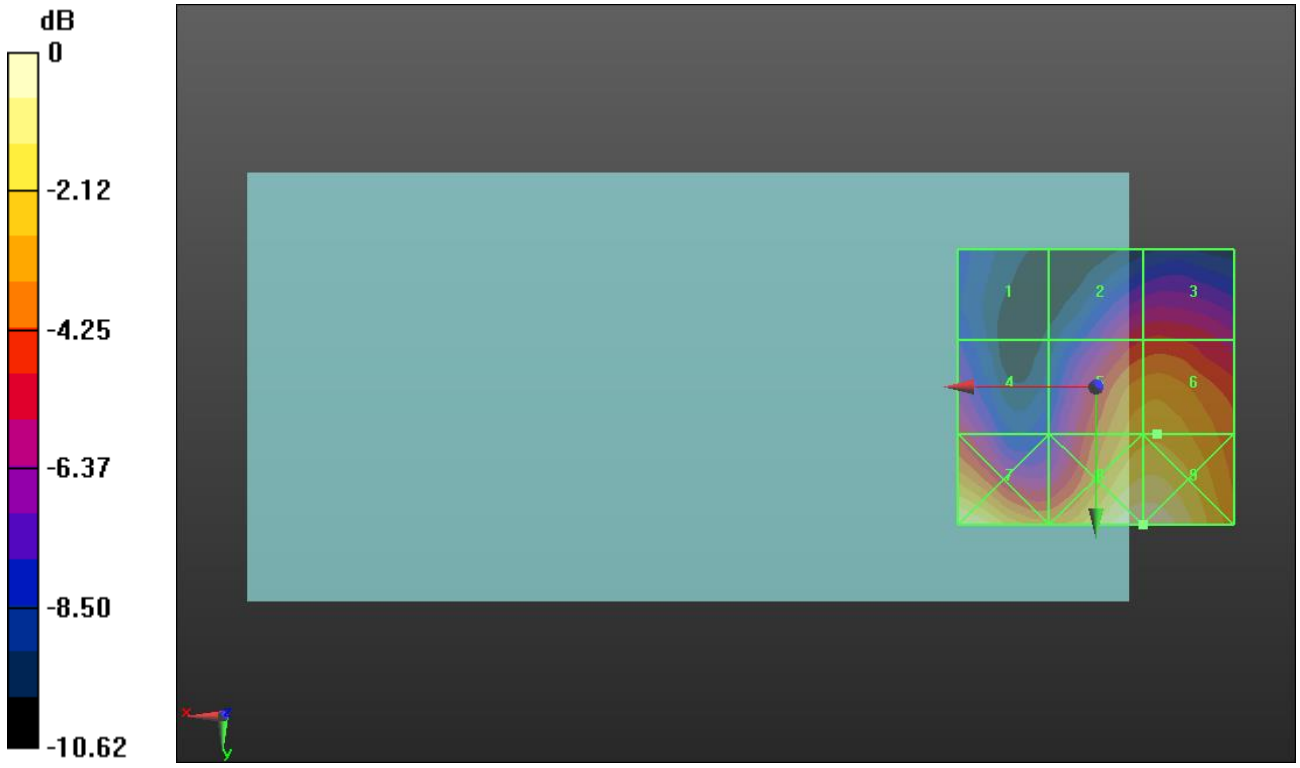
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2636.5 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2636.5 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 17.38 V/m; Power Drift = 0.07 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.54 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.07 dBV/m**	Grid 2 **M4** **20.89 dBV/m**	Grid 3 **M4** **21.08 dBV/m**
Grid 4 **M4** **20.7 dBV/m**	Grid 5 **M4** **23.46 dBV/m**	Grid 6 **M4** **23.54 dBV/m**
Grid 7 **M4** **25.41 dBV/m**	Grid 8 **M4** **25.81 dBV/m**	Grid 9 **M4** **25.81 dBV/m**



0 dB = 19.53 V/m = 25.81 dBV/m

LTE Band 41 ANT 4

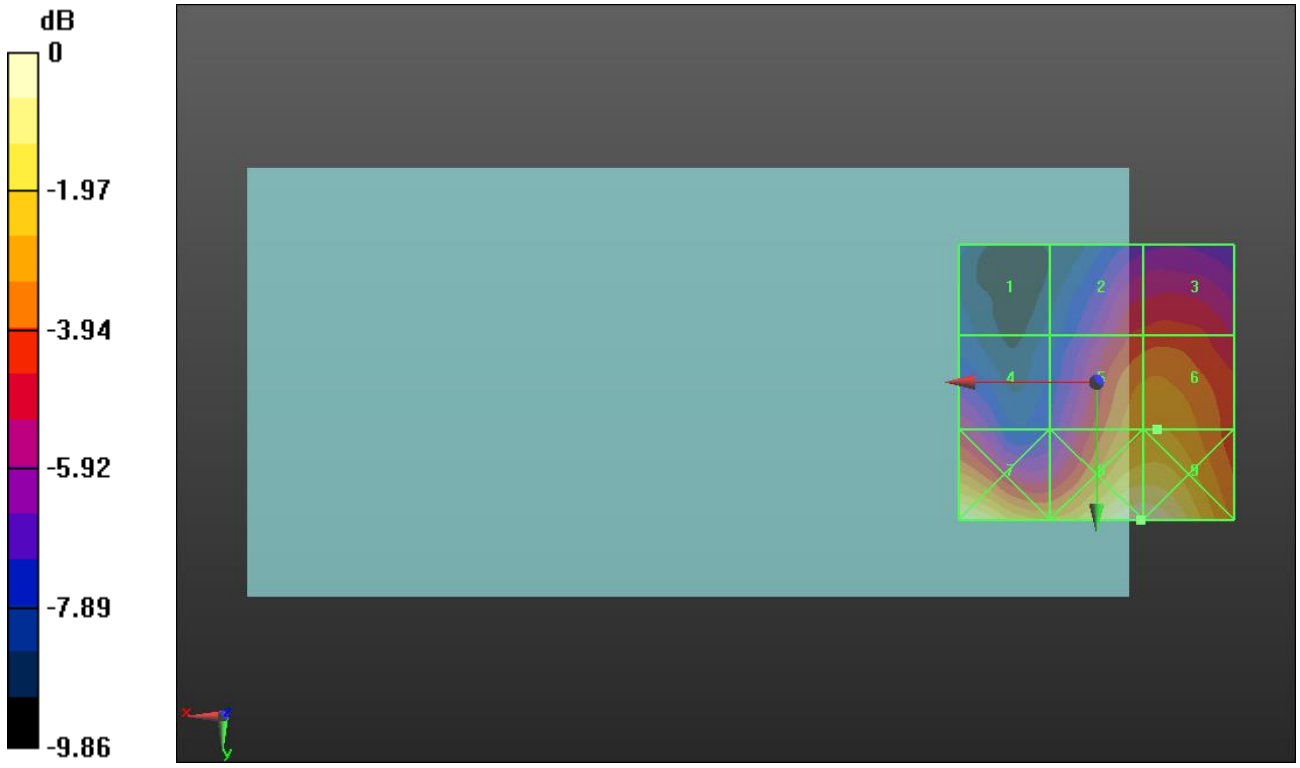
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 2680 MHz; Duty Cycle: 1:8.87156
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2680 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 41 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 15.30 V/m; Power Drift = -0.02 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.12 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.69 dBV/m**	Grid 2 **M4** **20.36 dBV/m**	Grid 3 **M4** **20.5 dBV/m**
Grid 4 **M4** **19.47 dBV/m**	Grid 5 **M4** **22.03 dBV/m**	Grid 6 **M4** **22.12 dBV/m**
Grid 7 **M4** **24.54 dBV/m**	Grid 8 **M4** **24.72 dBV/m**	Grid 9 **M4** **24.71 dBV/m**



0 dB = 17.21 V/m = 24.72 dBV/m

LTE Band 48 ANT 4

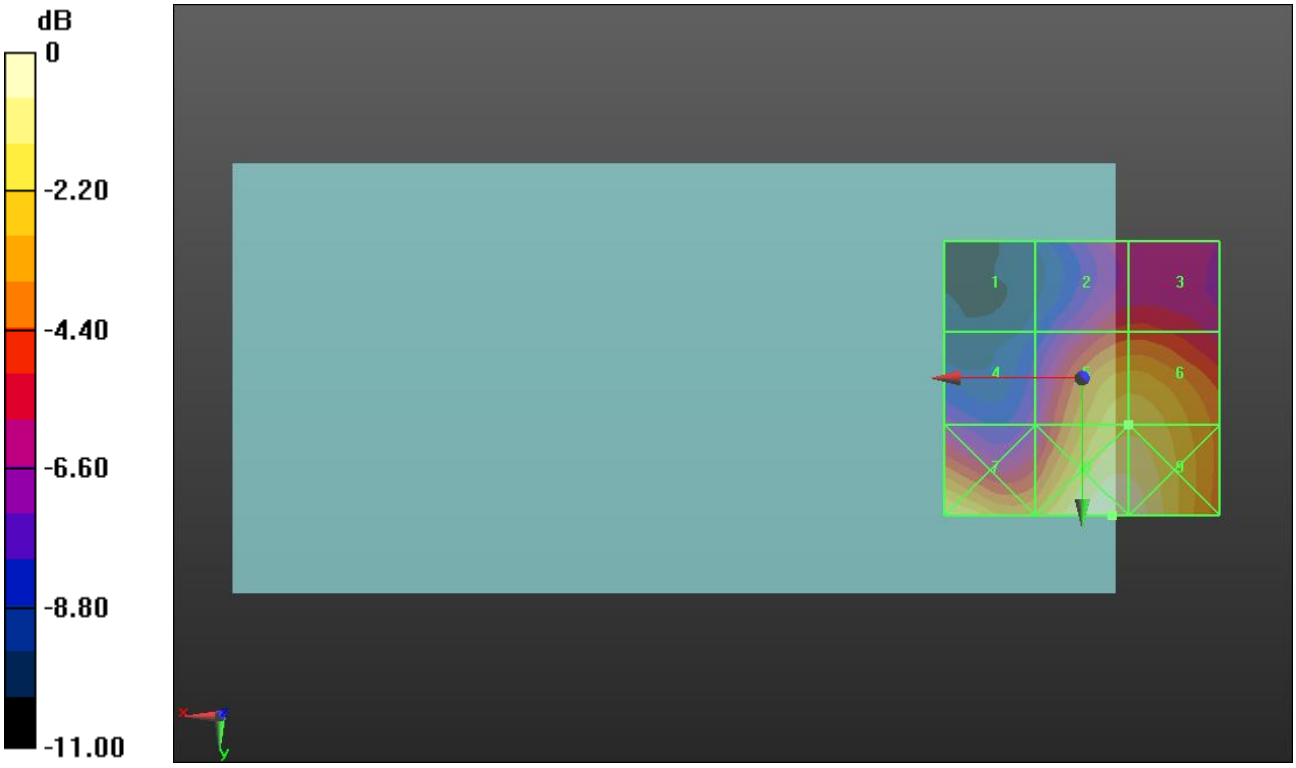
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 23.05 V/m; Power Drift = -0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.78 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.53 dBV/m**	Grid 2 **M4** **21.61 dBV/m**	Grid 3 **M4** **21.65 dBV/m**
Grid 4 **M4** **19.73 dBV/m**	Grid 5 **M4** **24.78 dBV/m**	Grid 6 **M4** **24.78 dBV/m**
Grid 7 **M4** **25.3 dBV/m**	Grid 8 **M4** **26.42 dBV/m**	Grid 9 **M4** **26.22 dBV/m**



0 dB = 20.94 V/m = 26.42 dBV/m

LTE Band 48 ANT 4

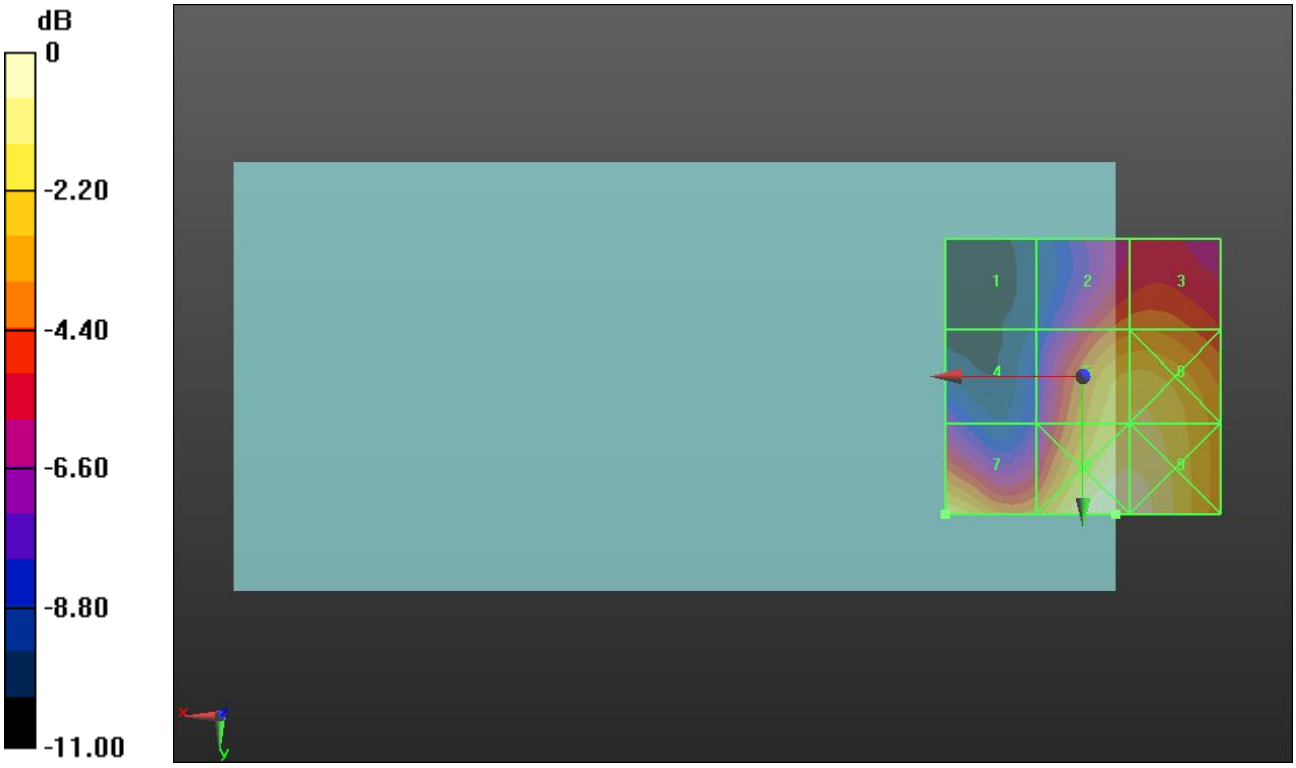
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 24.67 V/m; Power Drift = 0.00 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.45 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.7 dBV/m**	Grid 2 **M4** **22.99 dBV/m**	Grid 3 **M4** **23.15 dBV/m**
Grid 4 **M4** **19.78 dBV/m**	Grid 5 **M4** **25.42 dBV/m**	Grid 6 **M4** **25.46 dBV/m**
Grid 7 **M4** **25.45 dBV/m**	Grid 8 **M4** **26.82 dBV/m**	Grid 9 **M4** **26.7 dBV/m**



0 dB = 21.93 V/m = 26.82 dBV/m

LTE Band 48 ANT 4

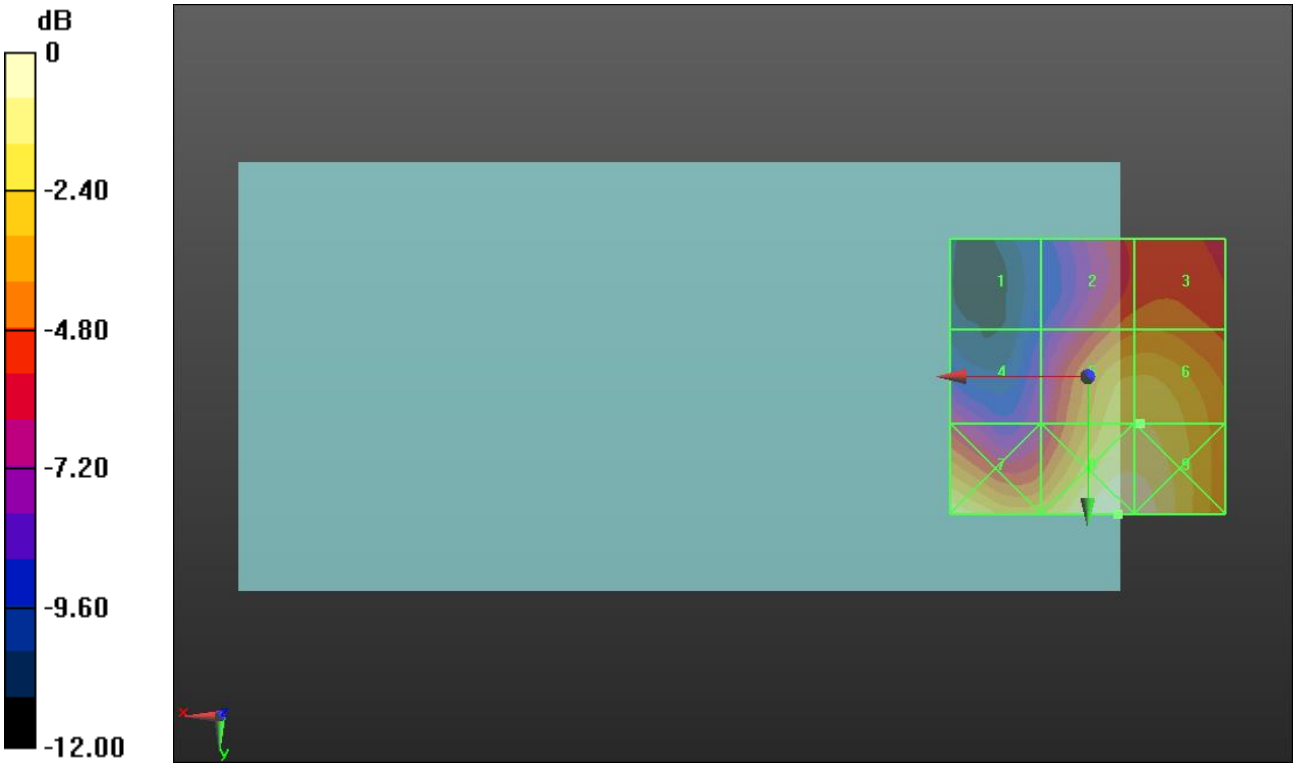
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 22.69 V/m; Power Drift = -0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.86 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.55 dBV/m**	Grid 2 **M4** **22.29 dBV/m**	Grid 3 **M4** **22.46 dBV/m**
Grid 4 **M4** **20.26 dBV/m**	Grid 5 **M4** **24.86 dBV/m**	Grid 6 **M4** **24.86 dBV/m**
Grid 7 **M4** **25.55 dBV/m**	Grid 8 **M4** **26.43 dBV/m**	Grid 9 **M4** **26.26 dBV/m**



0 dB = 20.97 V/m = 26.43 dBV/m

LTE Band 48 ANT 4

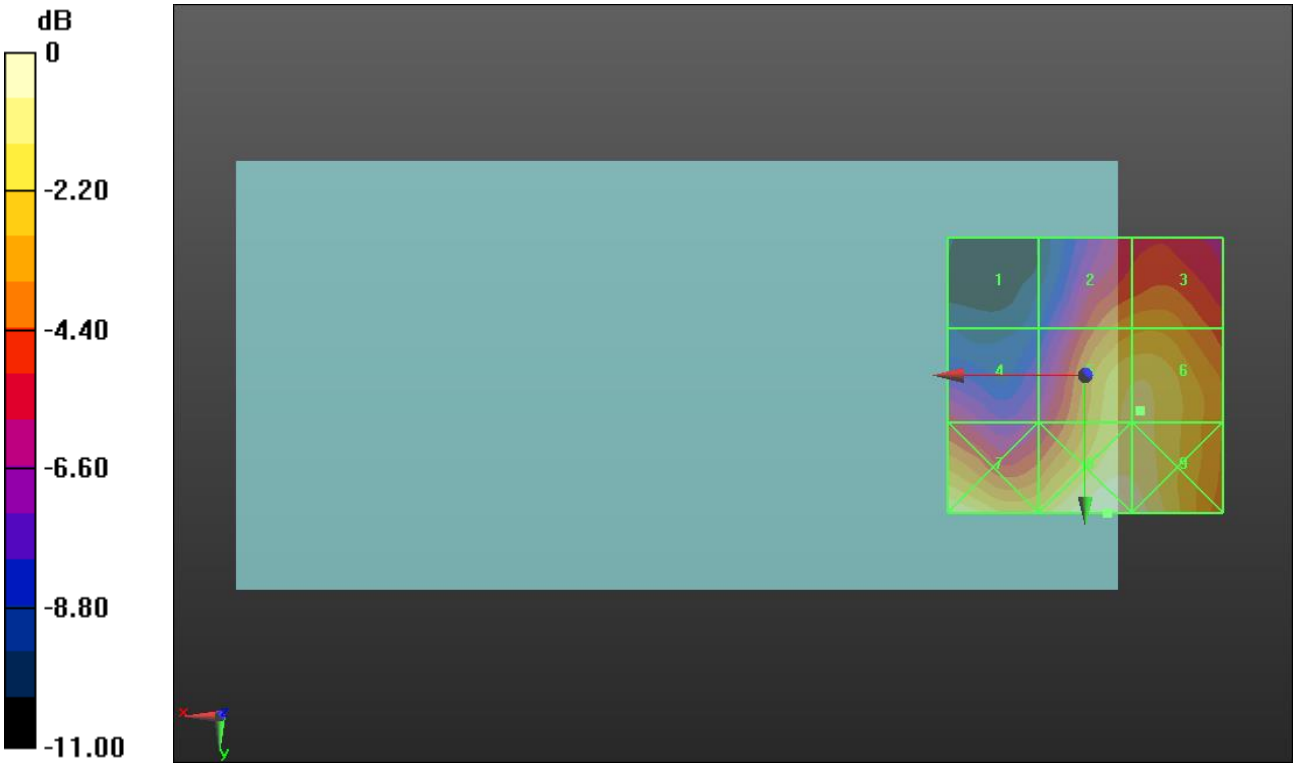
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48 ANT 4 E-Field measurement/SC-FDMA 1RB 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 = 22.81 V/m; Power Drift = -0.50 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.80 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.36 dBV/m**	Grid 2 **M4** **22.95 dBV/m**	Grid 3 **M4** **23.11 dBV/m**
Grid 4 **M4** **20.79 dBV/m**	Grid 5 **M4** **24.77 dBV/m**	Grid 6 **M4** **24.8 dBV/m**
Grid 7 **M4** **25.48 dBV/m**	Grid 8 **M4** **26.09 dBV/m**	Grid 9 **M4** **25.81 dBV/m**



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

Wi-Fi 2.4 GHz ANT 4

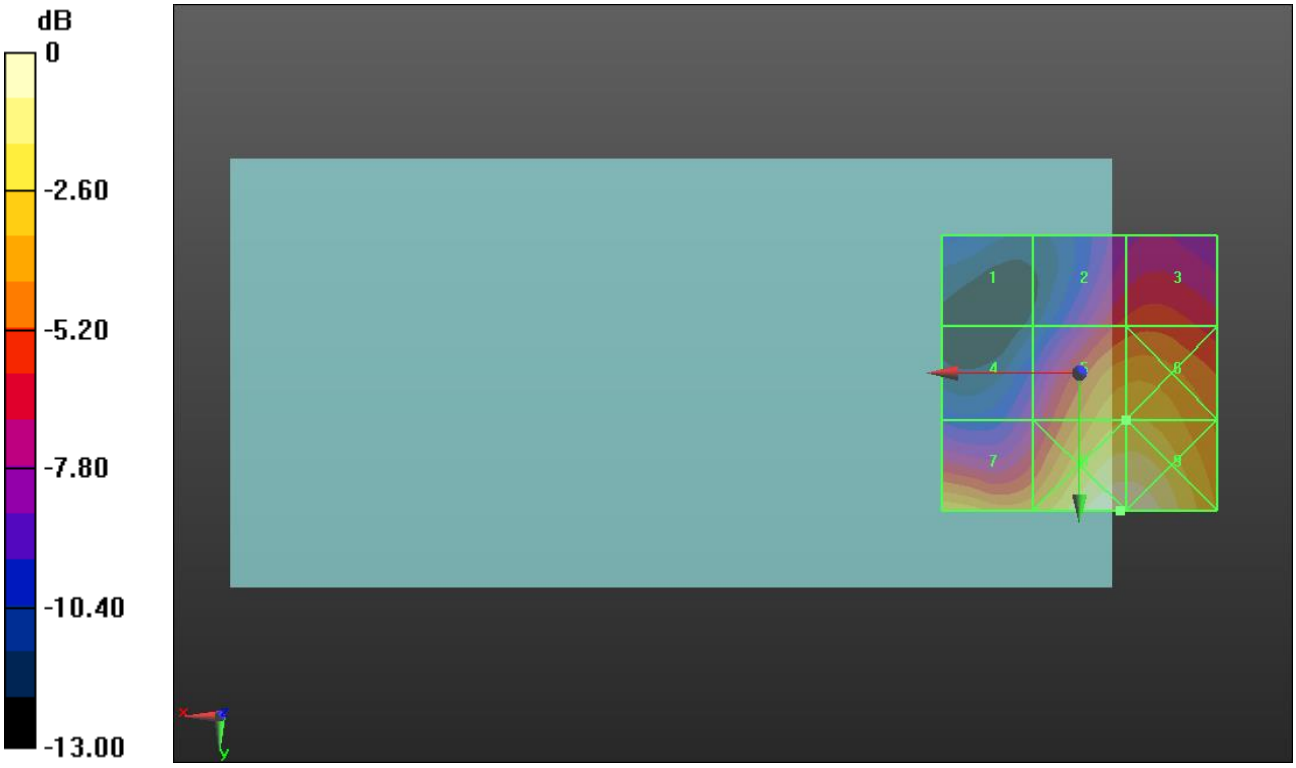
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/DSSS 11 Mbps_ch 1/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 41.31 V/m; Power Drift = -0.30 dB
Applied MIF = -2.02 dB
RF audio interference level = 29.74 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.29 dBV/m**	Grid 2 **M4** **26.66 dBV/m**	Grid 3 **M4** **26.98 dBV/m**
Grid 4 **M4** **24.62 dBV/m**	Grid 5 **M4** **29.74 dBV/m**	Grid 6 **M4** **29.77 dBV/m**
Grid 7 **M4** **29.73 dBV/m**	Grid 8 **M3** **32.32 dBV/m**	Grid 9 **M3** **32.31 dBV/m**



0 dB = 41.32 V/m = 32.32 dBV/m

Wi-Fi 2.4 GHz ANT 4

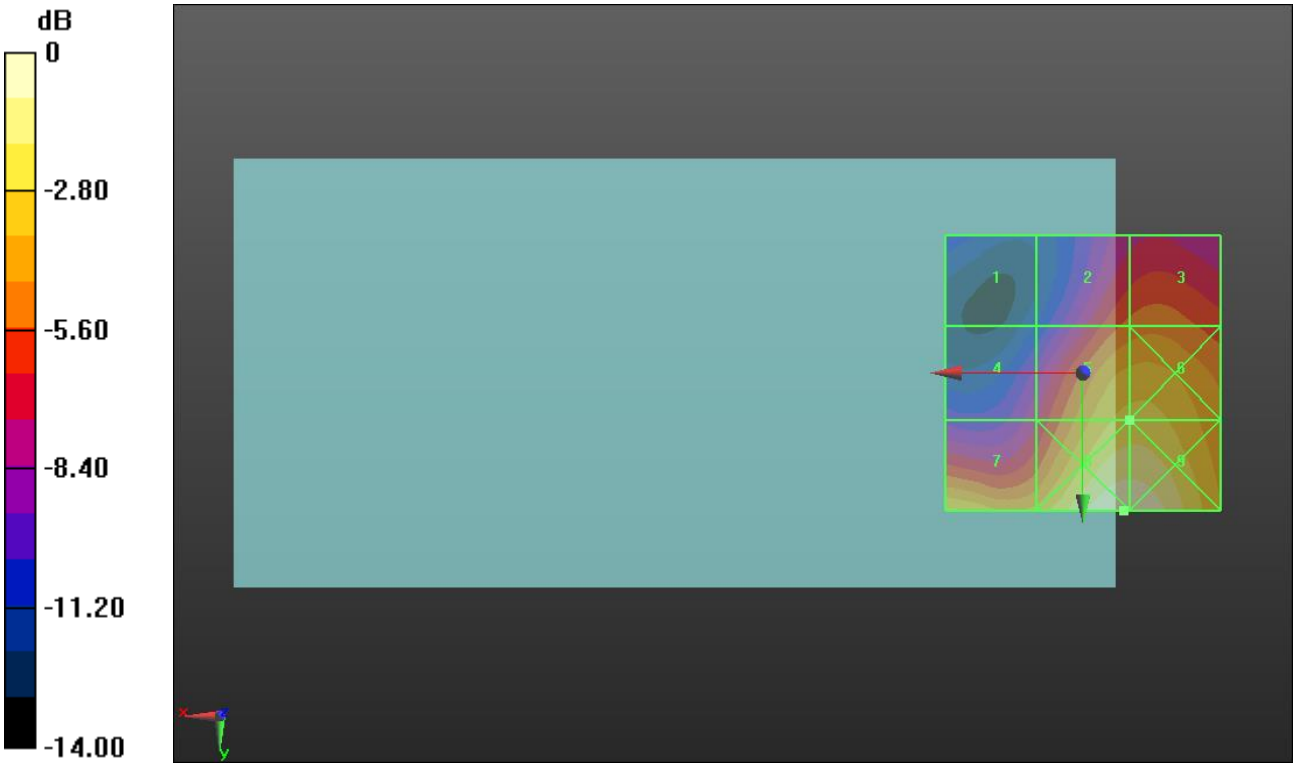
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/DSSS 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 = 47.20 V/m; Power Drift = -0.01 dB
Applied MIF = -2.02 dB
RF audio interference level = 30.96 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **23.04 dBV/m**	Grid 2 **M4** **28.21 dBV/m**	Grid 3 **M4** **28.53 dBV/m**
Grid 4 **M4** **25.9 dBV/m**	Grid 5 **M3** **30.96 dBV/m**	Grid 6 **M3** **31 dBV/m**
Grid 7 **M3** **30.87 dBV/m**	Grid 8 **M3** **33.43 dBV/m**	Grid 9 **M3** **33.41 dBV/m**



0 dB = 46.94 V/m = 33.43 dBV/m

Wi-Fi 2.4 GHz ANT 4

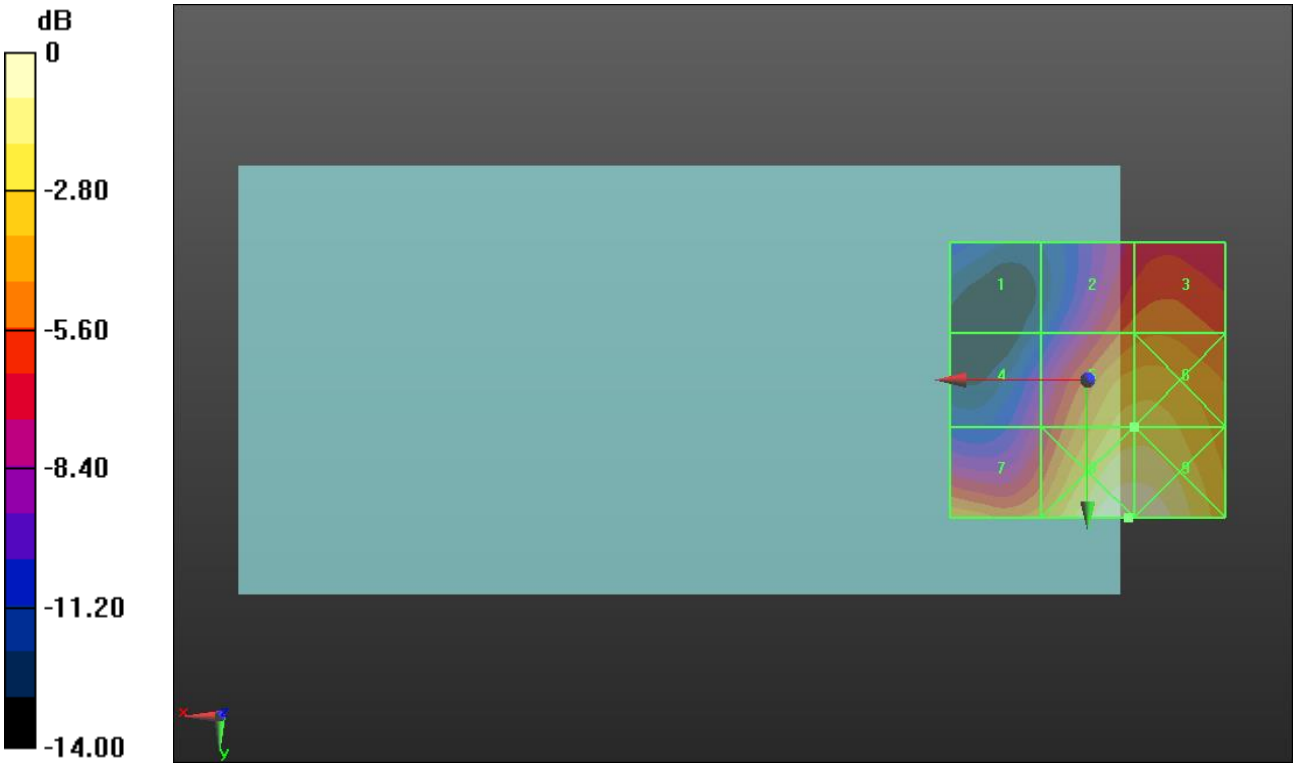
Communication System: UID 10061 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:2.29034
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11b E-Field measurement/DSSS 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 = 48.23 V/m; Power Drift = -0.04 dB
Applied MIF = -2.02 dB
RF audio interference level = 31.17 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **23.11 dBV/m**	Grid 2 **M4** **28.4 dBV/m**	Grid 3 **M4** **28.75 dBV/m**
Grid 4 **M4** **25.85 dBV/m**	Grid 5 **M3** **31.17 dBV/m**	Grid 6 **M3** **31.19 dBV/m**
Grid 7 **M4** **29.85 dBV/m**	Grid 8 **M3** **33.47 dBV/m**	Grid 9 **M3** **33.45 dBV/m**



0 dB = 47.13 V/m = 33.47 dBV/m

Wi-Fi 2.4 GHz ANT 4

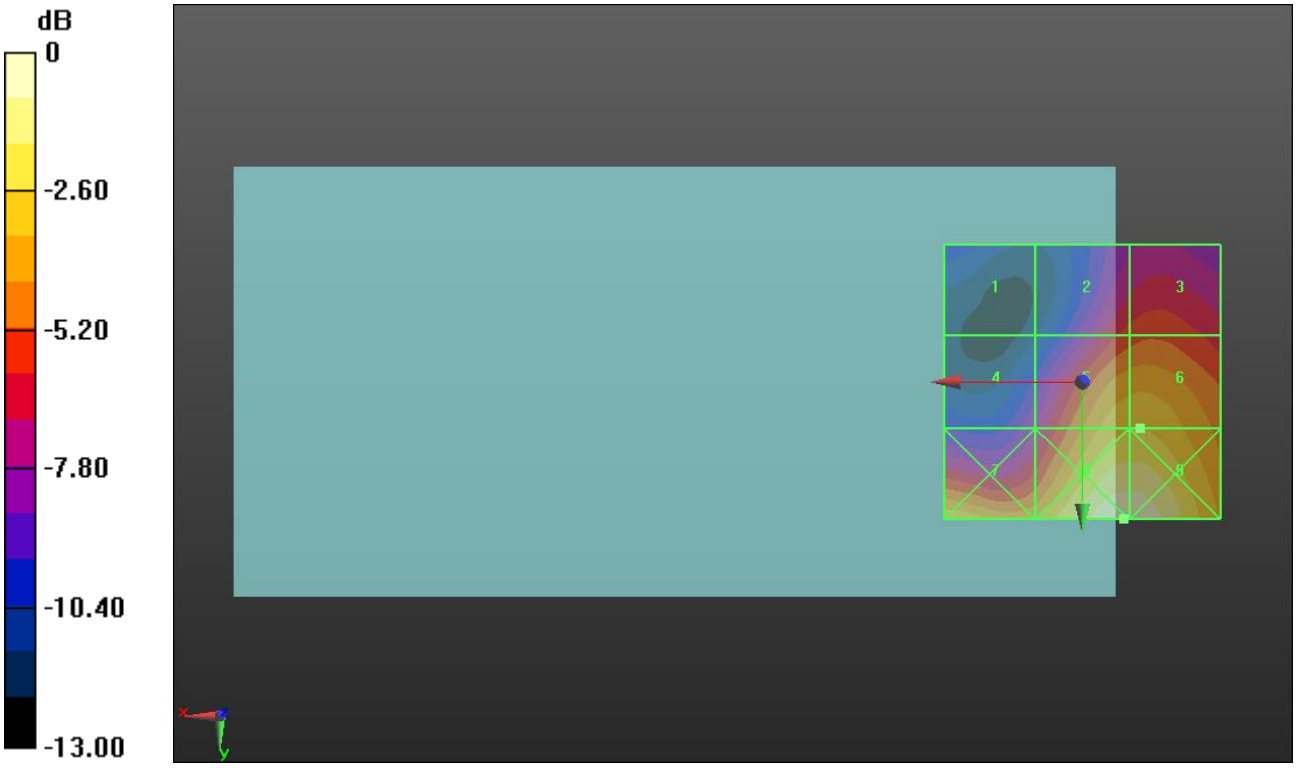
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2412 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/DSSS/OFDM, 54 Mbps_ch 1/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 = 36.27 V/m; Power Drift = 0.02 dB
Applied MIF = 0.12 dB
RF audio interference level = 31.14 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **24.06 dBV/m**	Grid 2 **M4** **28.11 dBV/m**	Grid 3 **M4** **28.44 dBV/m**
Grid 4 **M4** **26.06 dBV/m**	Grid 5 **M3** **31.11 dBV/m**	Grid 6 **M3** **31.14 dBV/m**
Grid 7 **M3** **31.23 dBV/m**	Grid 8 **M3** **33.74 dBV/m**	Grid 9 **M3** **33.73 dBV/m**



0 dB = 48.67 V/m = 33.75 dBV/m

Wi-Fi 2.4 GHz ANT 4

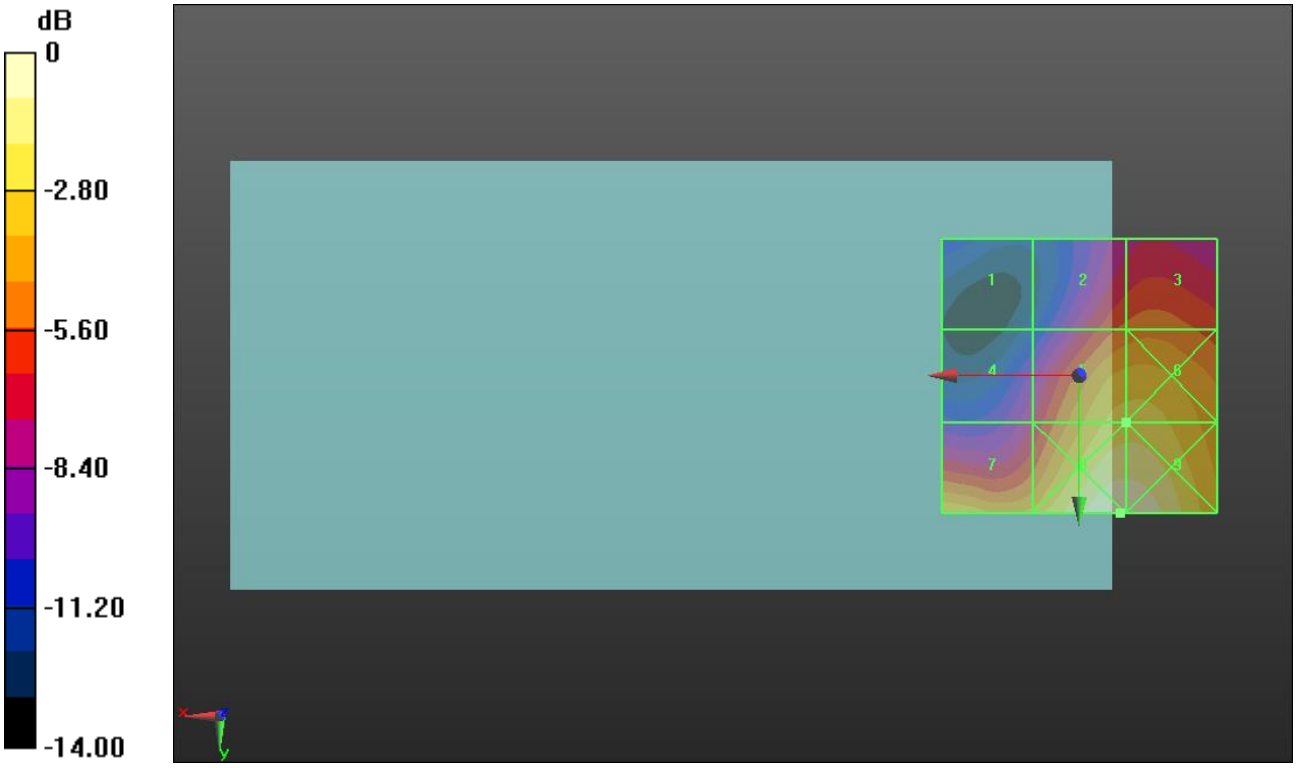
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2437 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/DSSS/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 = 43.24 V/m; Power Drift = 0.05 dB
Applied MIF = 0.12 dB
RF audio interference level = 32.43 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **24.59 dBV/m**	Grid 2 **M4** **29.49 dBV/m**	Grid 3 **M4** **29.82 dBV/m**
Grid 4 **M4** **27.31 dBV/m**	Grid 5 **M3** **32.43 dBV/m**	Grid 6 **M3** **32.46 dBV/m**
Grid 7 **M3** **32.09 dBV/m**	Grid 8 **M3** **34.78 dBV/m**	Grid 9 **M3** **34.76 dBV/m**



0 dB = 54.85 V/m = 34.78 dBV/m

Wi-Fi 2.4 GHz ANT 4

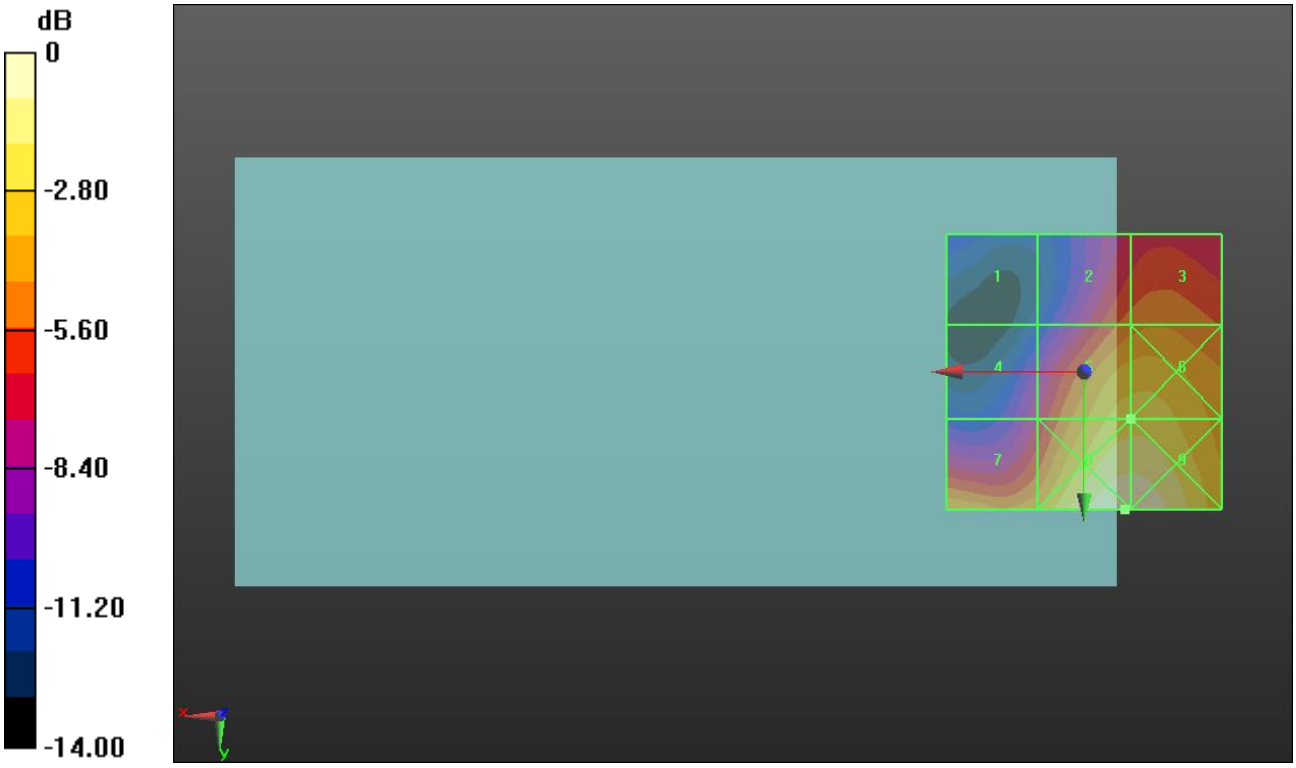
Communication System: UID 10077 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5777
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2462 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11g E-Field measurement/DSSS/OFDM, 54 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 = 43.50 V/m; Power Drift = -0.01 dB
Applied MIF = 0.12 dB
RF audio interference level = 32.51 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **24.69 dBV/m**	Grid 2 **M4** **29.74 dBV/m**	Grid 3 **M3** **30.1 dBV/m**
Grid 4 **M4** **27.34 dBV/m**	Grid 5 **M3** **32.51 dBV/m**	Grid 6 **M3** **32.54 dBV/m**
Grid 7 **M3** **31.26 dBV/m**	Grid 8 **M3** **34.79 dBV/m**	Grid 9 **M3** **34.77 dBV/m**



0 dB = 54.88 V/m = 34.79 dBV/m

Wi-Fi 5 GHz ANT 5

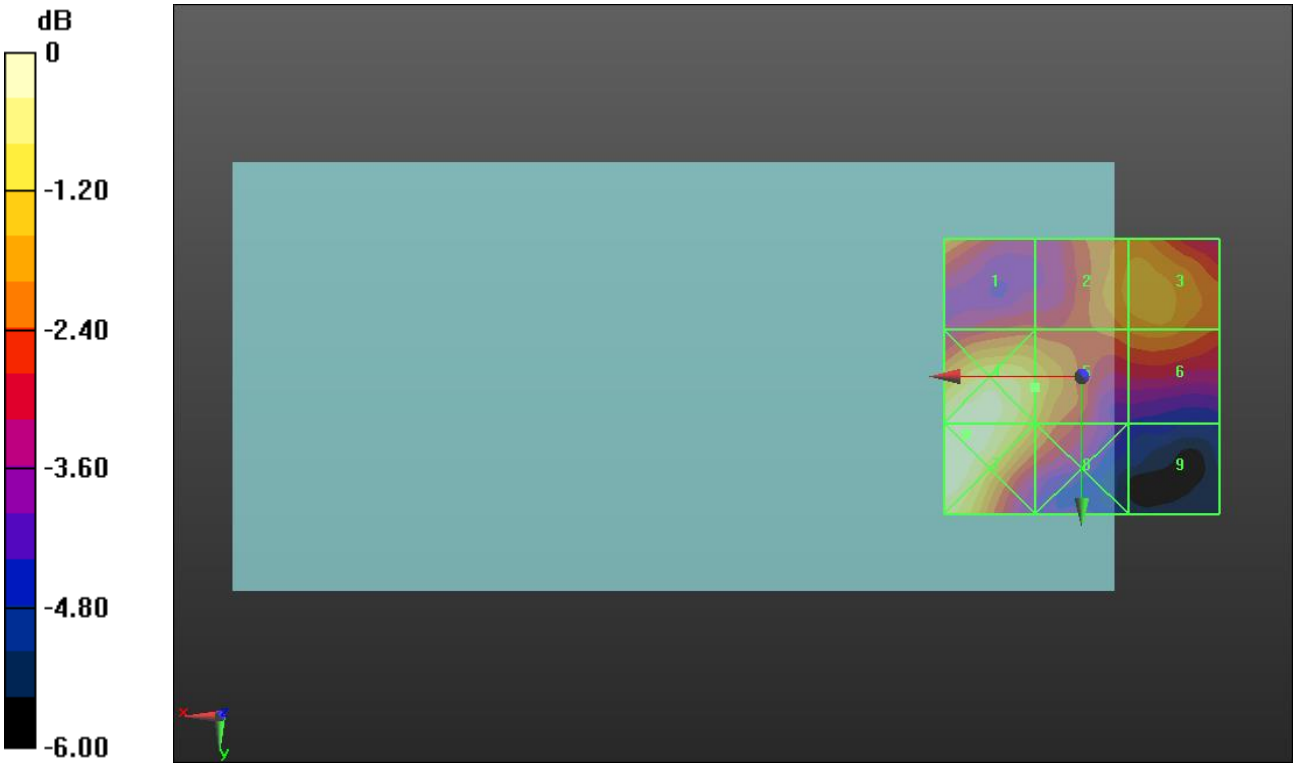
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5200 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.2 GHz) E-Field measurement/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 = 10.61 V/m; Power Drift = -0.14 dB
Applied MIF = -3.15 dB
RF audio interference level = 16.19 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.64 dBV/m**	Grid 2 **M4** **15.89 dBV/m**	Grid 3 **M4** **16.02 dBV/m**
Grid 4 **M4** **17.31 dBV/m**	Grid 5 **M4** **16.19 dBV/m**	Grid 6 **M4** **15.63 dBV/m**
Grid 7 **M4** **17.37 dBV/m**	Grid 8 **M4** **15.83 dBV/m**	Grid 9 **M4** **12.97 dBV/m**



0 dB = 7.384 V/m = 17.37 dBV/m

Wi-Fi 5 GHz ANT 5

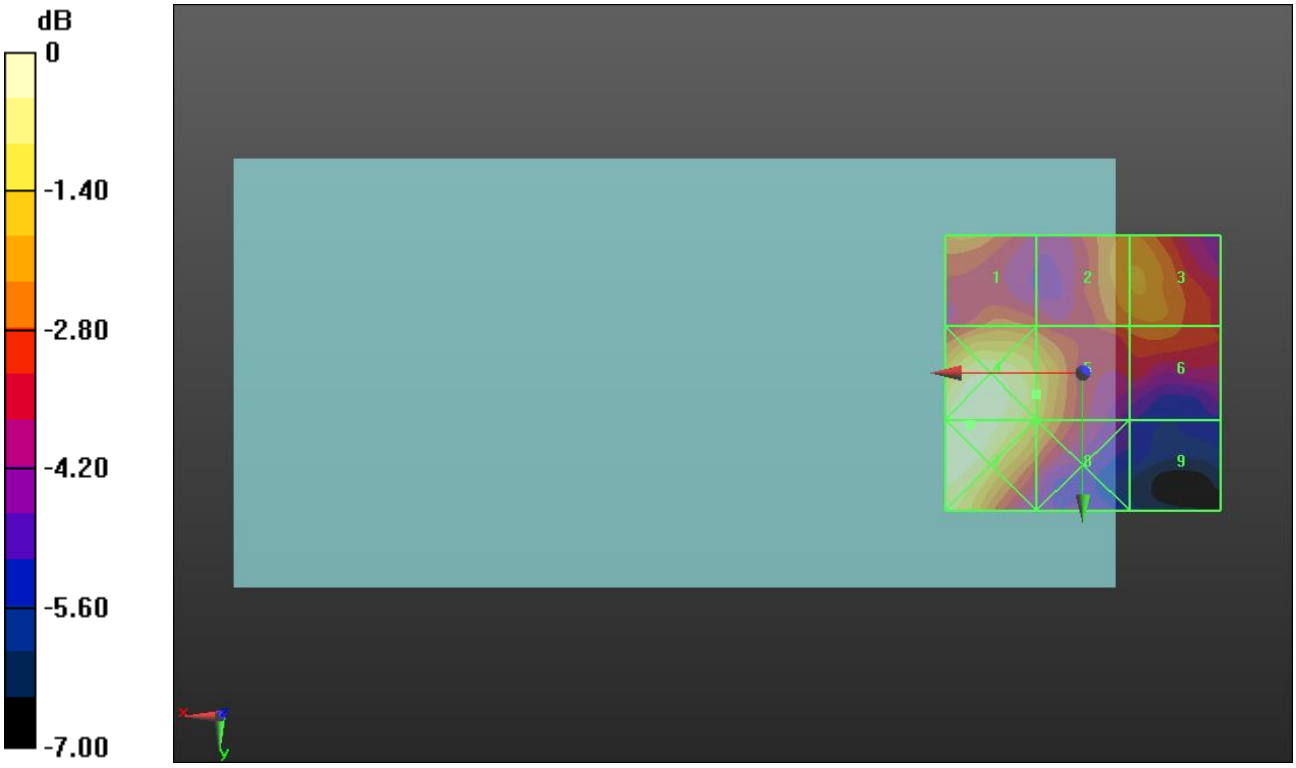
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.2 GHz) E-Field measurement/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 = 9.394 V/m; Power Drift = 0.56 dB
Applied MIF = -3.15 dB
RF audio interference level = 16.18 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.29 dBV/m**	Grid 2 **M4** **15.59 dBV/m**	Grid 3 **M4** **15.64 dBV/m**
Grid 4 **M4** **17.43 dBV/m**	Grid 5 **M4** **16.18 dBV/m**	Grid 6 **M4** **15.02 dBV/m**
Grid 7 **M4** **17.43 dBV/m**	Grid 8 **M4** **15.85 dBV/m**	Grid 9 **M4** **12.48 dBV/m**



0 dB = 7.443 V/m = 17.43 dBV/m

Wi-Fi 5 GHz ANT 5

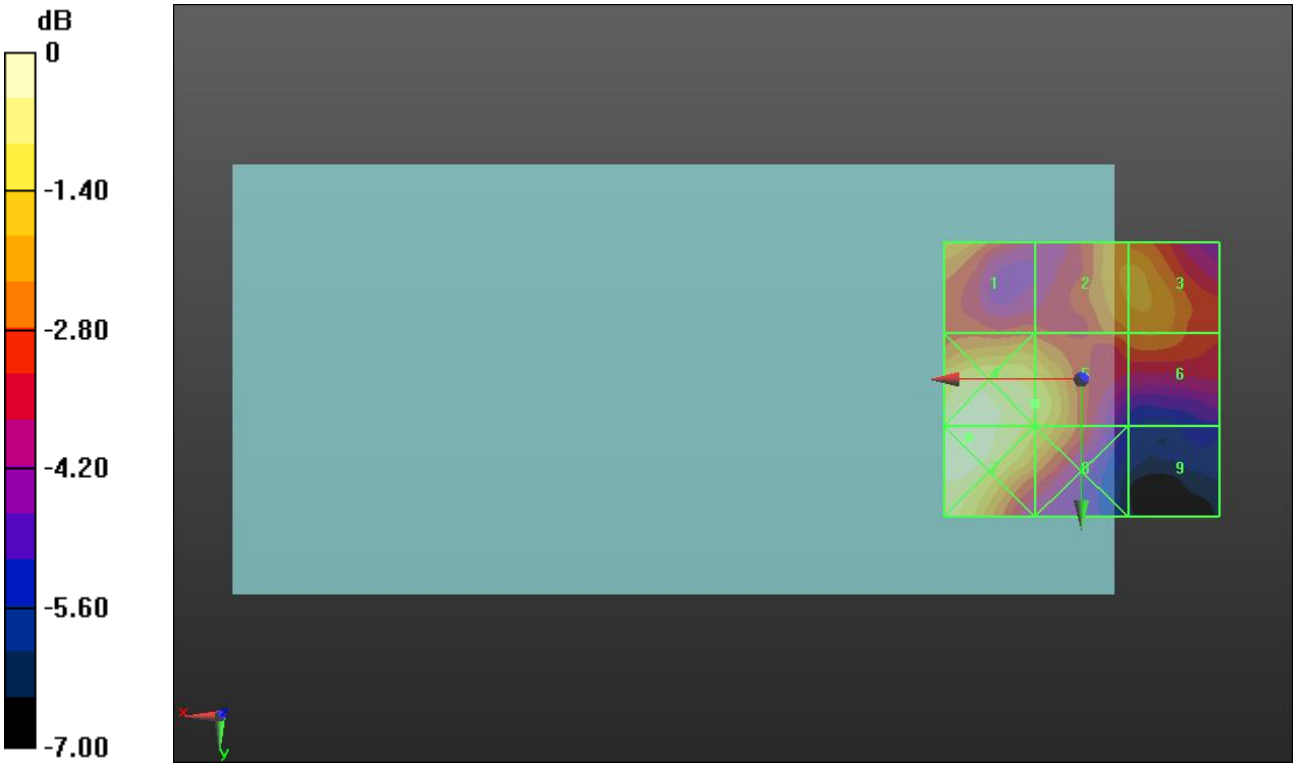
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5240 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.2 GHz) E-Field measurement/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 = 10.07 V/m; Power Drift = 0.07 dB
Applied MIF = -3.15 dB
RF audio interference level = 16.25 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.59 dBV/m**	Grid 2 **M4** **15.46 dBV/m**	Grid 3 **M4** **15.47 dBV/m**
Grid 4 **M4** **17.14 dBV/m**	Grid 5 **M4** **16.25 dBV/m**	Grid 6 **M4** **14.95 dBV/m**
Grid 7 **M4** **17.18 dBV/m**	Grid 8 **M4** **16 dBV/m**	Grid 9 **M4** **11.95 dBV/m**



0 dB = 7.229 V/m = 17.18 dBV/m

Wi-Fi 5 GHz ANT 5

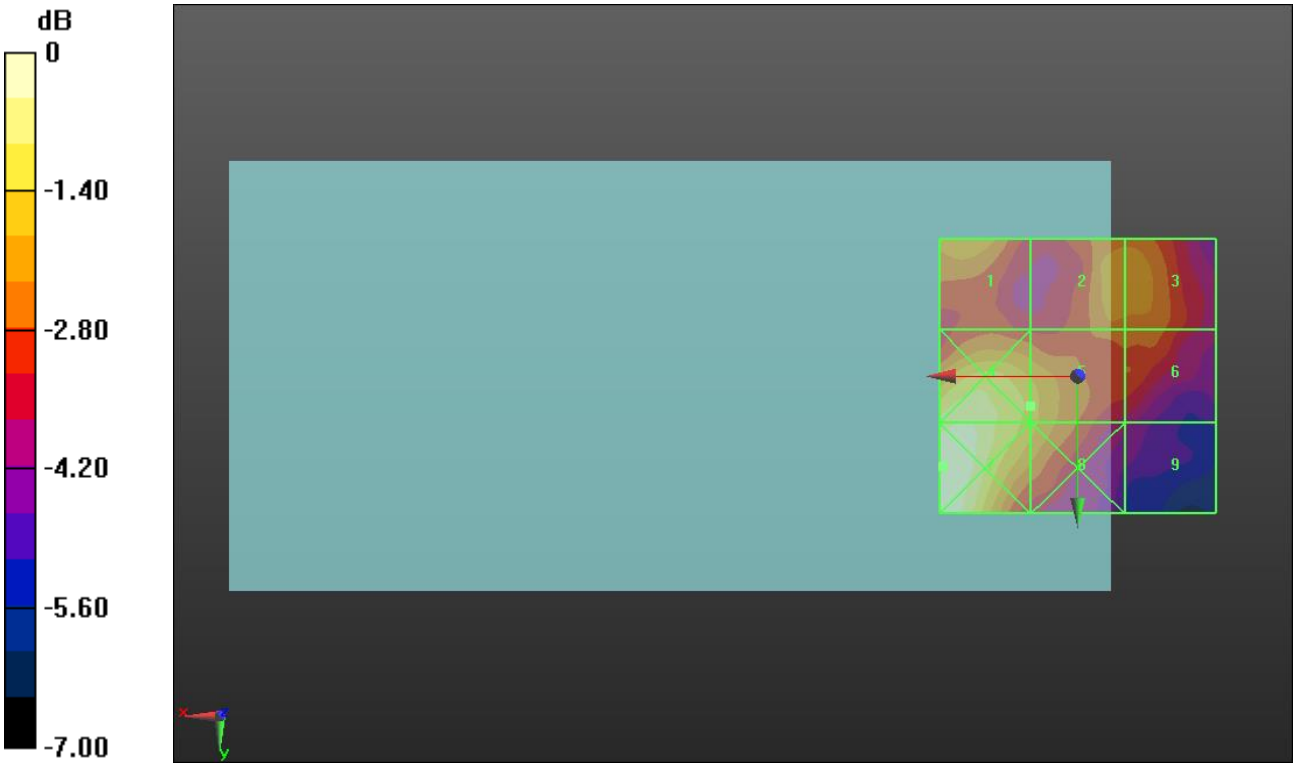
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.3 GHz) E-Field measurement/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 = 9.918 V/m; Power Drift = 0.20 dB
Applied MIF = -3.15 dB
RF audio interference level = 15.72 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.46 dBV/m**	Grid 2 **M4** **15.41 dBV/m**	Grid 3 **M4** **15.42 dBV/m**
Grid 4 **M4** **16.86 dBV/m**	Grid 5 **M4** **15.72 dBV/m**	Grid 6 **M4** **14.78 dBV/m**
Grid 7 **M4** **17.3 dBV/m**	Grid 8 **M4** **15.63 dBV/m**	Grid 9 **M4** **13.3 dBV/m**



0 dB = 7.330 V/m = 17.30 dBV/m

Wi-Fi 5 GHz ANT 5

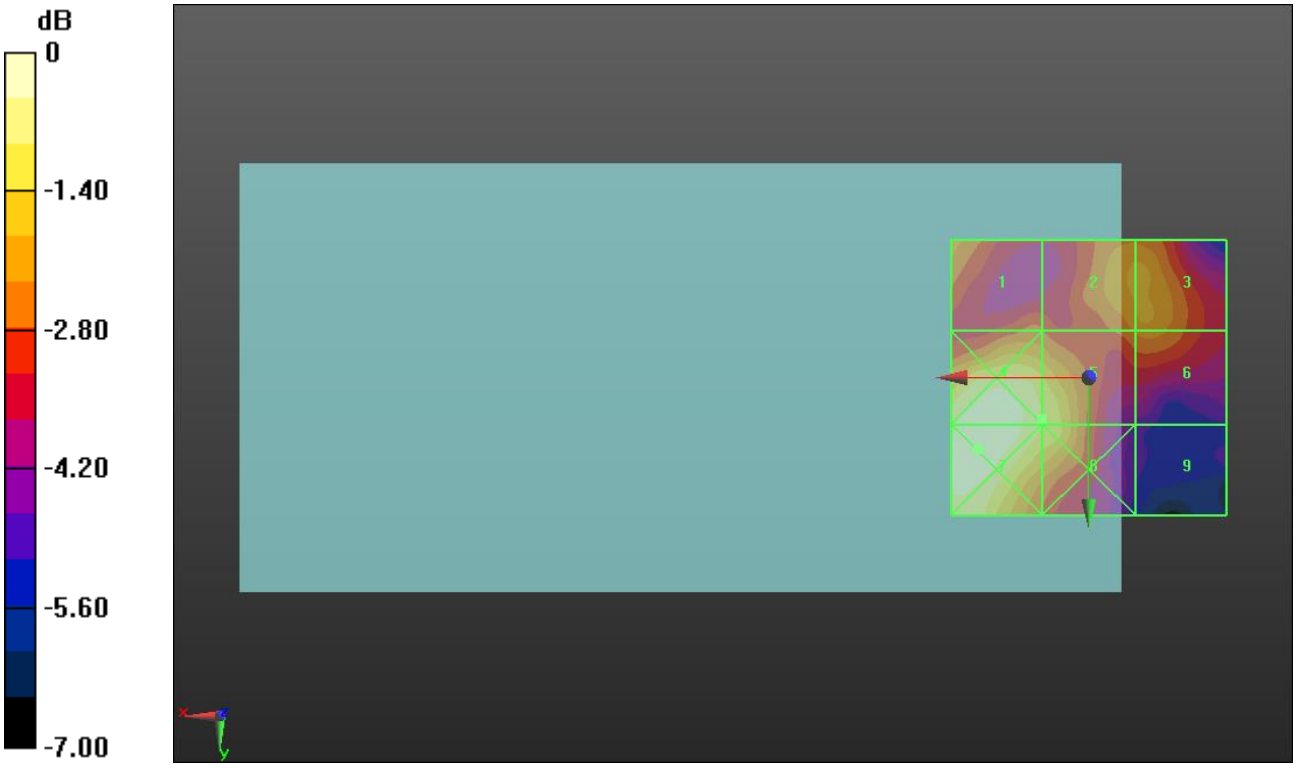
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.3 GHz) E-Field measurement/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 = 9.224 V/m; Power Drift = 0.48 dB
Applied MIF = -3.15 dB
RF audio interference level = 15.77 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **14.6 dBV/m**	Grid 2 **M4** **14.91 dBV/m**	Grid 3 **M4** **14.93 dBV/m**
Grid 4 **M4** **16.6 dBV/m**	Grid 5 **M4** **15.77 dBV/m**	Grid 6 **M4** **14.58 dBV/m**
Grid 7 **M4** **16.64 dBV/m**	Grid 8 **M4** **15.75 dBV/m**	Grid 9 **M4** **11.89 dBV/m**



0 dB = 6.795 V/m = 16.64 dBV/m

Wi-Fi 5 GHz ANT 5

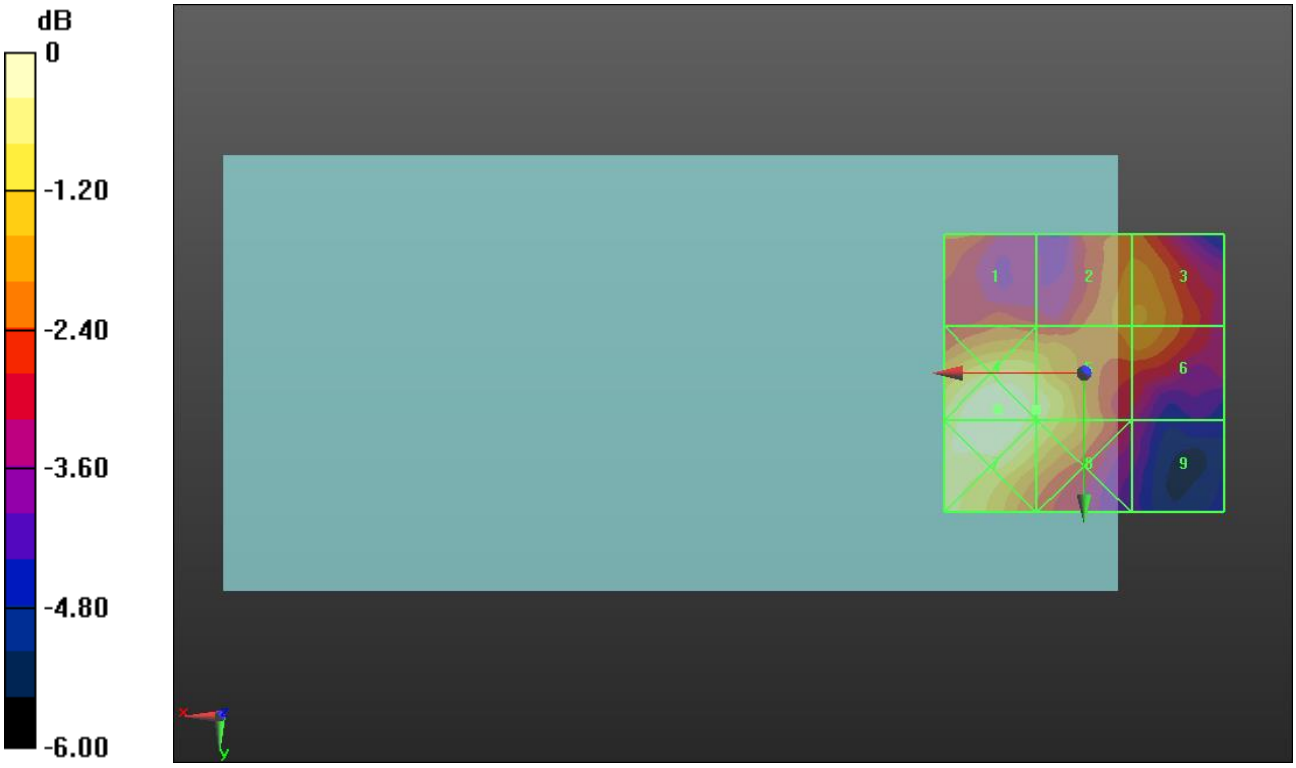
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.3 GHz) E-Field measurement/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 = 9.148 V/m; Power Drift = 0.85 dB
Applied MIF = -3.15 dB
RF audio interference level = 15.46 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **13.73 dBV/m**	Grid 2 **M4** **14.41 dBV/m**	Grid 3 **M4** **14.46 dBV/m**
Grid 4 **M4** **15.99 dBV/m**	Grid 5 **M4** **15.46 dBV/m**	Grid 6 **M4** **14.39 dBV/m**
Grid 7 **M4** **15.93 dBV/m**	Grid 8 **M4** **15.37 dBV/m**	Grid 9 **M4** **12.6 dBV/m**



0 dB = 6.304 V/m = 15.99 dBV/m

Wi-Fi 5 GHz ANT 5

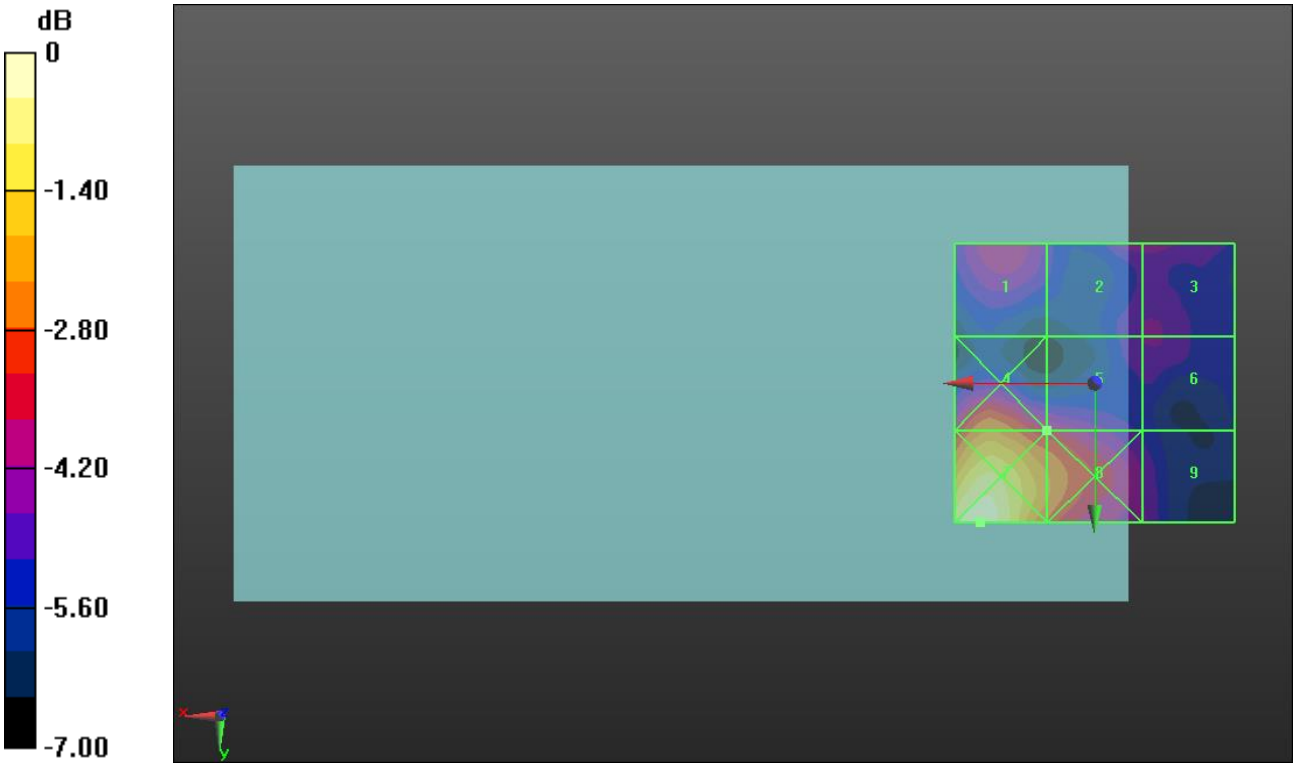
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5520 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5520 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.5 GHz) E-Field measurement/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 = 9.323 V/m; Power Drift = 0.61 dB
Applied MIF = -3.15 dB
RF audio interference level = 16.41 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.23 dBV/m**	Grid 2 **M4** **15.72 dBV/m**	Grid 3 **M4** **15.67 dBV/m**
Grid 4 **M4** **17.76 dBV/m**	Grid 5 **M4** **16.41 dBV/m**	Grid 6 **M4** **15.47 dBV/m**
Grid 7 **M4** **20.04 dBV/m**	Grid 8 **M4** **17.82 dBV/m**	Grid 9 **M4** **15.5 dBV/m**



0 dB = 10.05 V/m = 20.04 dBV/m

Wi-Fi 5 GHz ANT 5

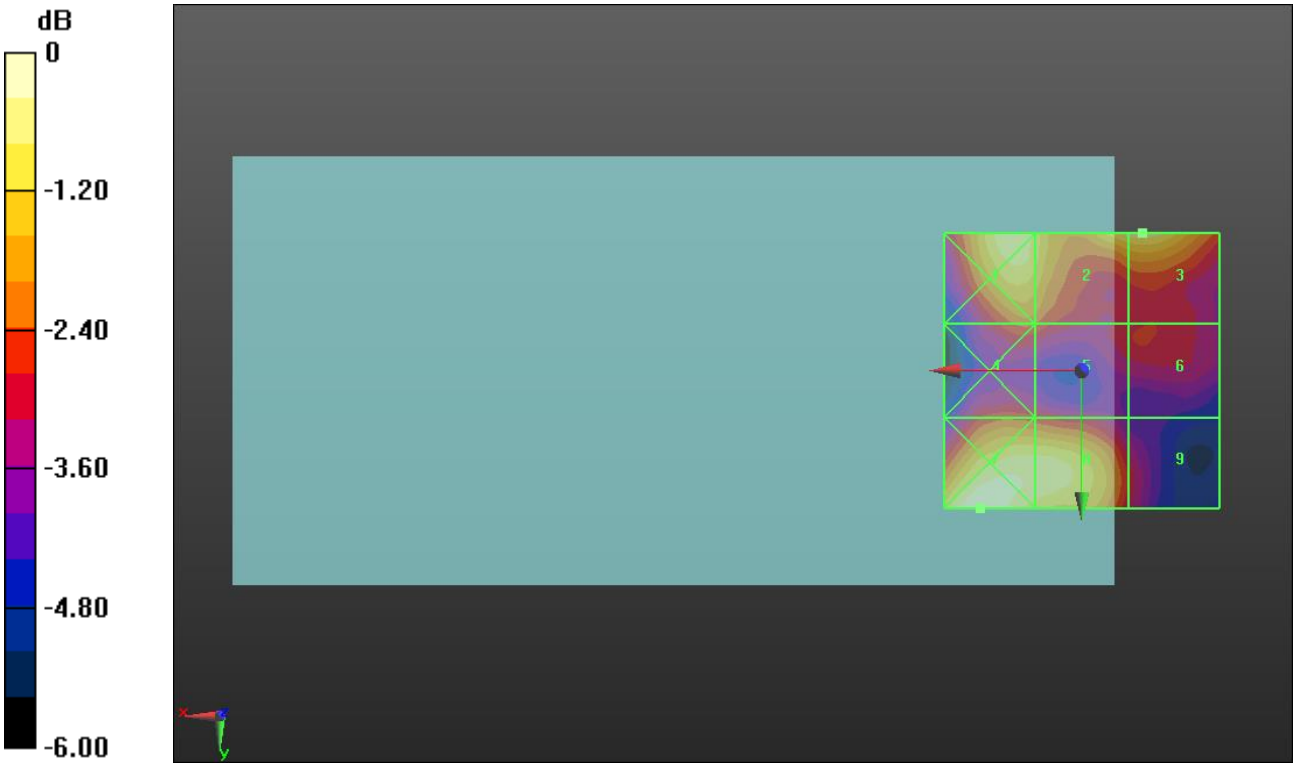
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5620 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.5 GHz) E-Field measurement/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 = 9.725 V/m; Power Drift = 0.34 dB
Applied MIF = -3.15 dB
RF audio interference level = 18.68 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.65 dBV/m**	Grid 2 **M4** **18.59 dBV/m**	Grid 3 **M4** **18.68 dBV/m**
Grid 4 **M4** **16.86 dBV/m**	Grid 5 **M4** **16.75 dBV/m**	Grid 6 **M4** **16.4 dBV/m**
Grid 7 **M4** **19.12 dBV/m**	Grid 8 **M4** **18.63 dBV/m**	Grid 9 **M4** **16.25 dBV/m**



0 dB = 9.034 V/m = 19.12 dBV/m

Wi-Fi 5 GHz ANT 5

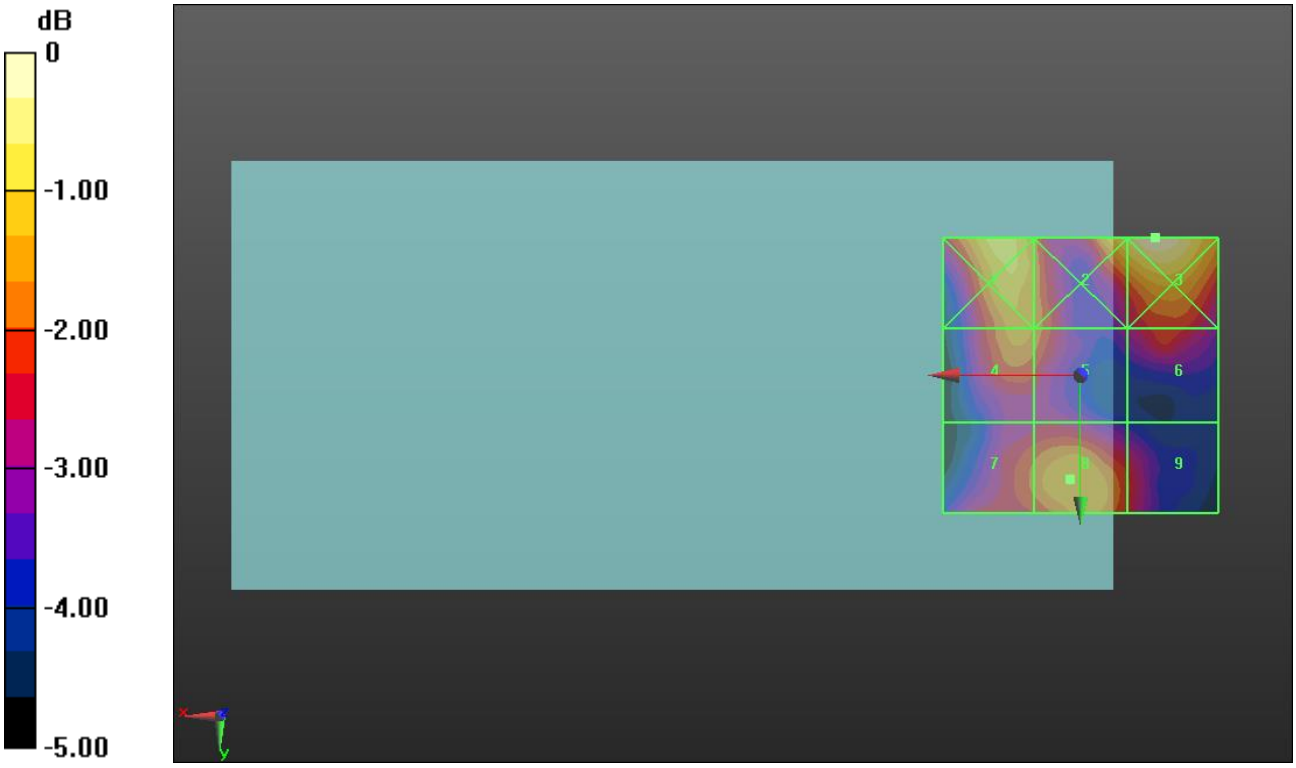
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5720 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.5 GHz) E-Field measurement/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 = 9.819 V/m; Power Drift = 0.80 dB
Applied MIF = -3.15 dB
RF audio interference level = 17.62 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.15 dBV/m**	Grid 2 **M4** **18.49 dBV/m**	Grid 3 **M4** **18.94 dBV/m**
Grid 4 **M4** **17.47 dBV/m**	Grid 5 **M4** **17.25 dBV/m**	Grid 6 **M4** **16.75 dBV/m**
Grid 7 **M4** **17.06 dBV/m**	Grid 8 **M4** **17.62 dBV/m**	Grid 9 **M4** **16.69 dBV/m**



0 dB = 8.848 V/m = 18.94 dBV/m

Wi-Fi 5 GHz ANT 5

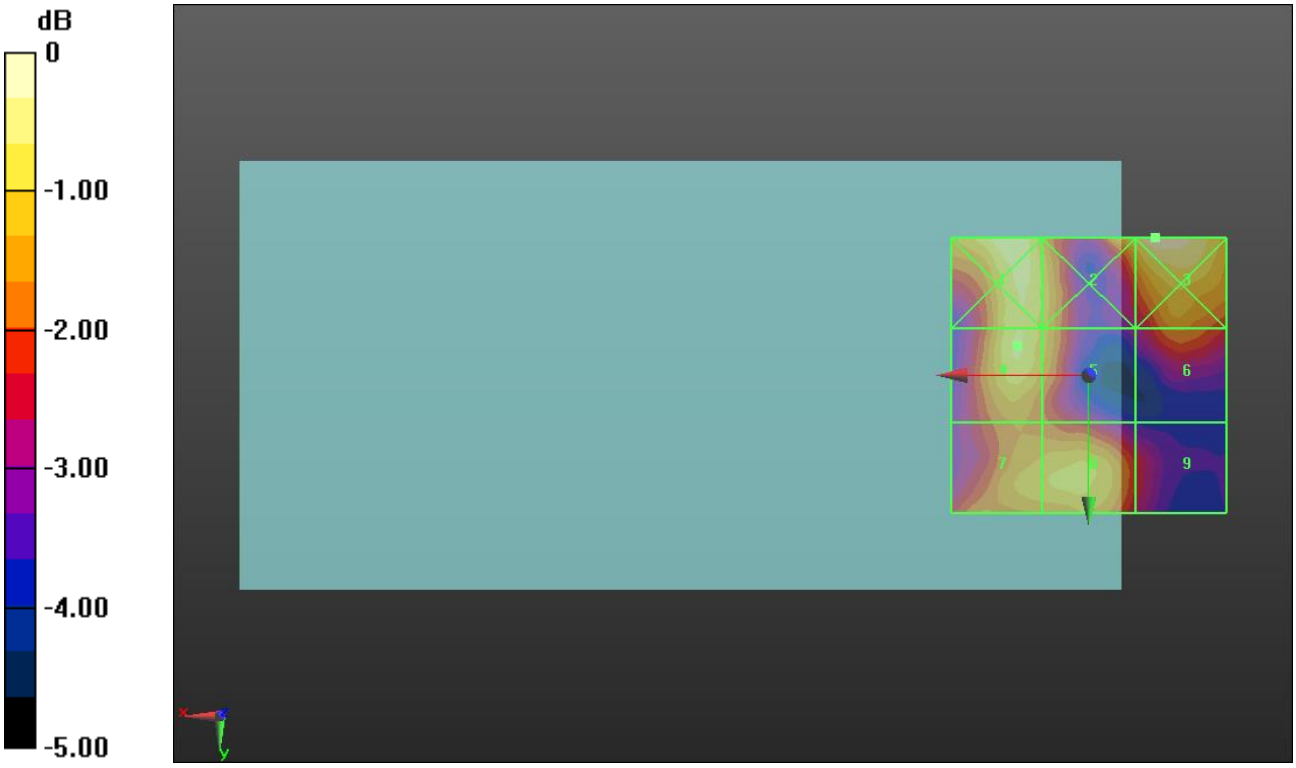
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.8 GHz) E-Field measurement/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 = 9.983 V/m; Power Drift = 0.16 dB
Applied MIF = -3.15 dB
RF audio interference level = 17.57 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.85 dBV/m**	Grid 2 **M4** **17.77 dBV/m**	Grid 3 **M4** **18.18 dBV/m**
Grid 4 **M4** **17.57 dBV/m**	Grid 5 **M4** **17.07 dBV/m**	Grid 6 **M4** **16.58 dBV/m**
Grid 7 **M4** **17.14 dBV/m**	Grid 8 **M4** **17.32 dBV/m**	Grid 9 **M4** **15.89 dBV/m**



0 dB = 8.109 V/m = 18.18 dBV/m

Wi-Fi 5 GHz ANT 5

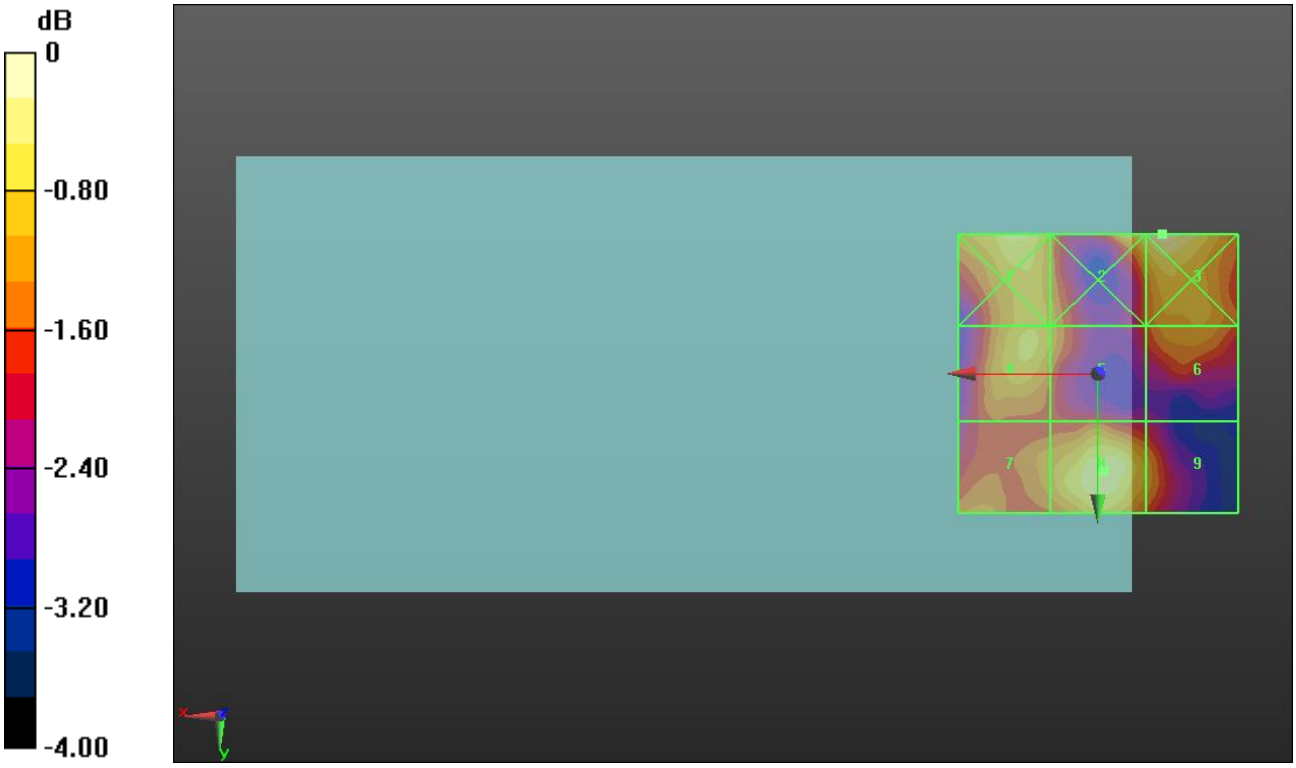
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.8 GHz) E-Field measurement/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 = 10.01 V/m; Power Drift = 0.17 dB
Applied MIF = -3.15 dB
RF audio interference level = 17.08 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **16.95 dBV/m**	Grid 2 **M4** **17.24 dBV/m**	Grid 3 **M4** **17.39 dBV/m**
Grid 4 **M4** **16.67 dBV/m**	Grid 5 **M4** **16.3 dBV/m**	Grid 6 **M4** **16.33 dBV/m**
Grid 7 **M4** **16.26 dBV/m**	Grid 8 **M4** **17.08 dBV/m**	Grid 9 **M4** **16.31 dBV/m**



0 dB = 7.409 V/m = 17.40 dBV/m

Wi-Fi 5 GHz ANT 5

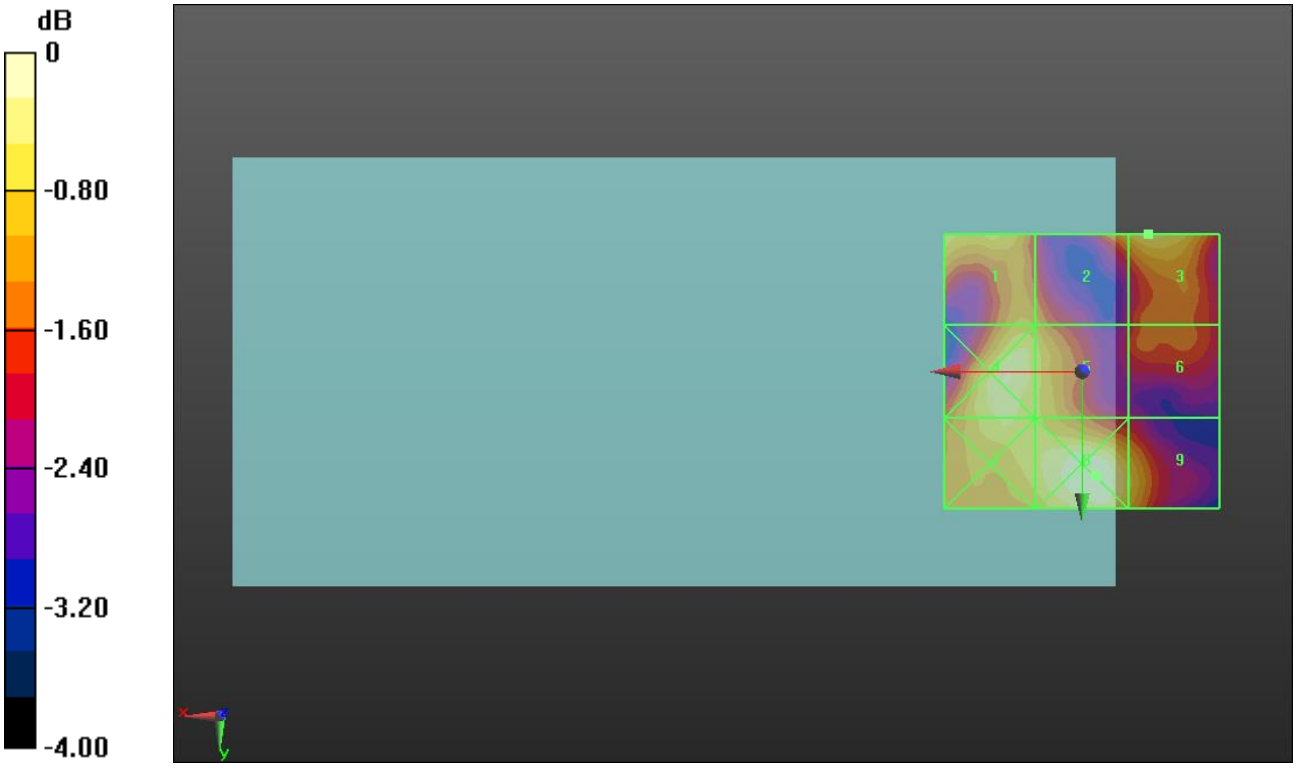
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.8 GHz) E-Field measurement/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 = 9.703 V/m; Power Drift = 0.70 dB
Applied MIF = -3.15 dB
RF audio interference level = 16.22 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **15.91 dBV/m**	Grid 2 **M4** **15.89 dBV/m**	Grid 3 **M4** **16.22 dBV/m**
Grid 4 **M4** **16.28 dBV/m**	Grid 5 **M4** **15.89 dBV/m**	Grid 6 **M4** **15.09 dBV/m**
Grid 7 **M4** **16.02 dBV/m**	Grid 8 **M4** **16.52 dBV/m**	Grid 9 **M4** **15.82 dBV/m**



0 dB = 6.697 V/m = 16.52 dBV/m

Wi-Fi 5 GHz ANT 6

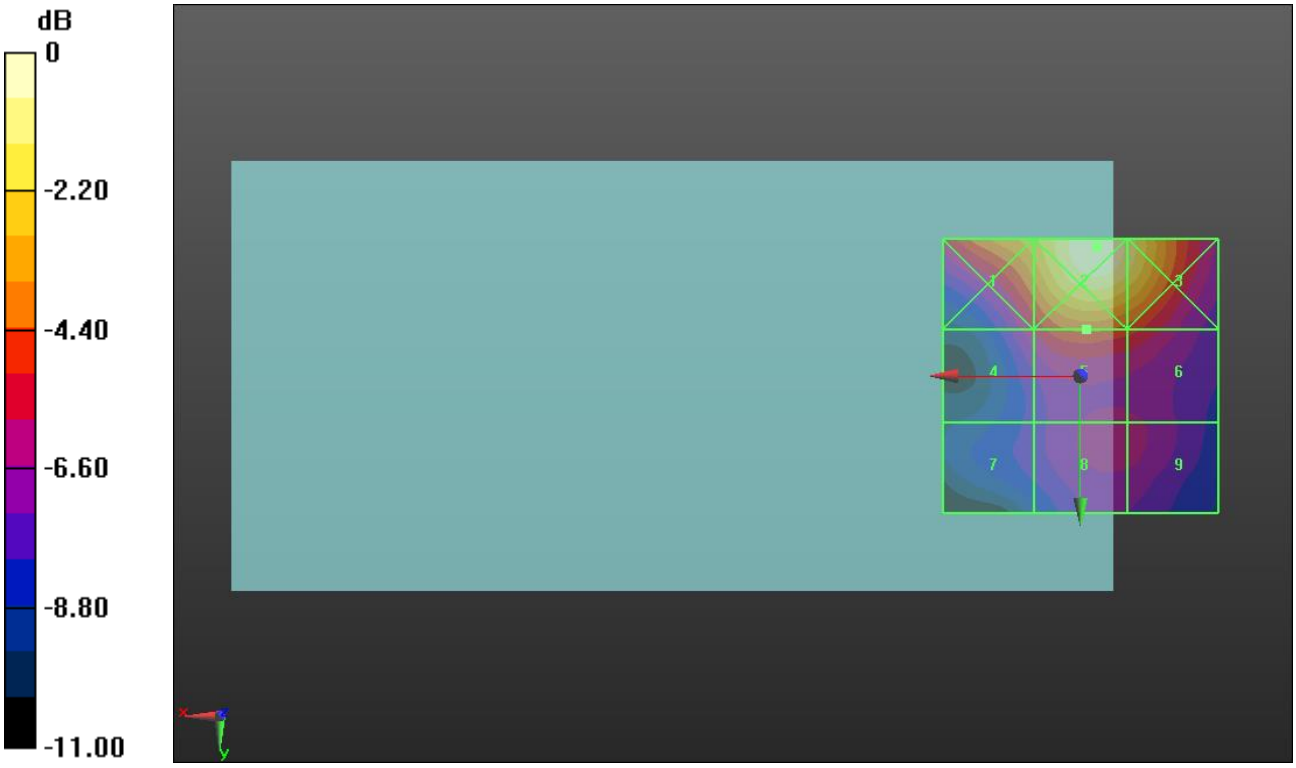
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5200 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5200 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.2 GHz) E-Field measurement/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 = 24.31 V/m; Power Drift = -0.24 dB
Applied MIF = -3.15 dB
RF audio interference level = 25.54 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.31 dBV/m**	Grid 2 **M4** **29.7 dBV/m**	Grid 3 **M4** **28.78 dBV/m**
Grid 4 **M4** **23.91 dBV/m**	Grid 5 **M4** **25.54 dBV/m**	Grid 6 **M4** **24.99 dBV/m**
Grid 7 **M4** **22.12 dBV/m**	Grid 8 **M4** **23.48 dBV/m**	Grid 9 **M4** **23.41 dBV/m**



0 dB = 30.55 V/m = 29.70 dBV/m

Wi-Fi 5 GHz ANT 6

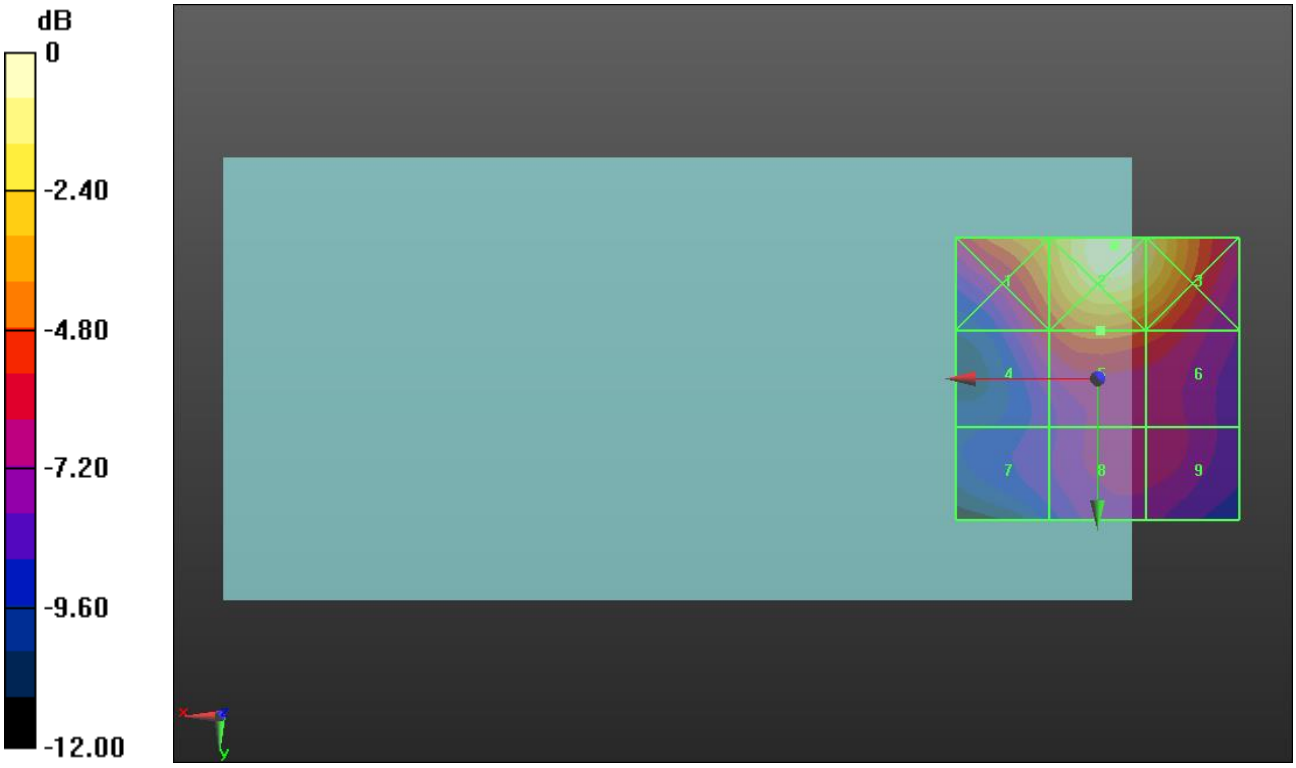
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5220 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5220 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.2 GHz) E-Field measurement/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 = 24.16 V/m; Power Drift = 0.05 dB
Applied MIF = -3.15 dB
RF audio interference level = 25.81 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.3 dBV/m**	Grid 2 **M3** **30.01 dBV/m**	Grid 3 **M4** **29.03 dBV/m**
Grid 4 **M4** **24.33 dBV/m**	Grid 5 **M4** **25.81 dBV/m**	Grid 6 **M4** **25.19 dBV/m**
Grid 7 **M4** **21.97 dBV/m**	Grid 8 **M4** **23.59 dBV/m**	Grid 9 **M4** **23.56 dBV/m**



0 dB = 31.65 V/m = 30.01 dBV/m

Wi-Fi 5 GHz ANT 6

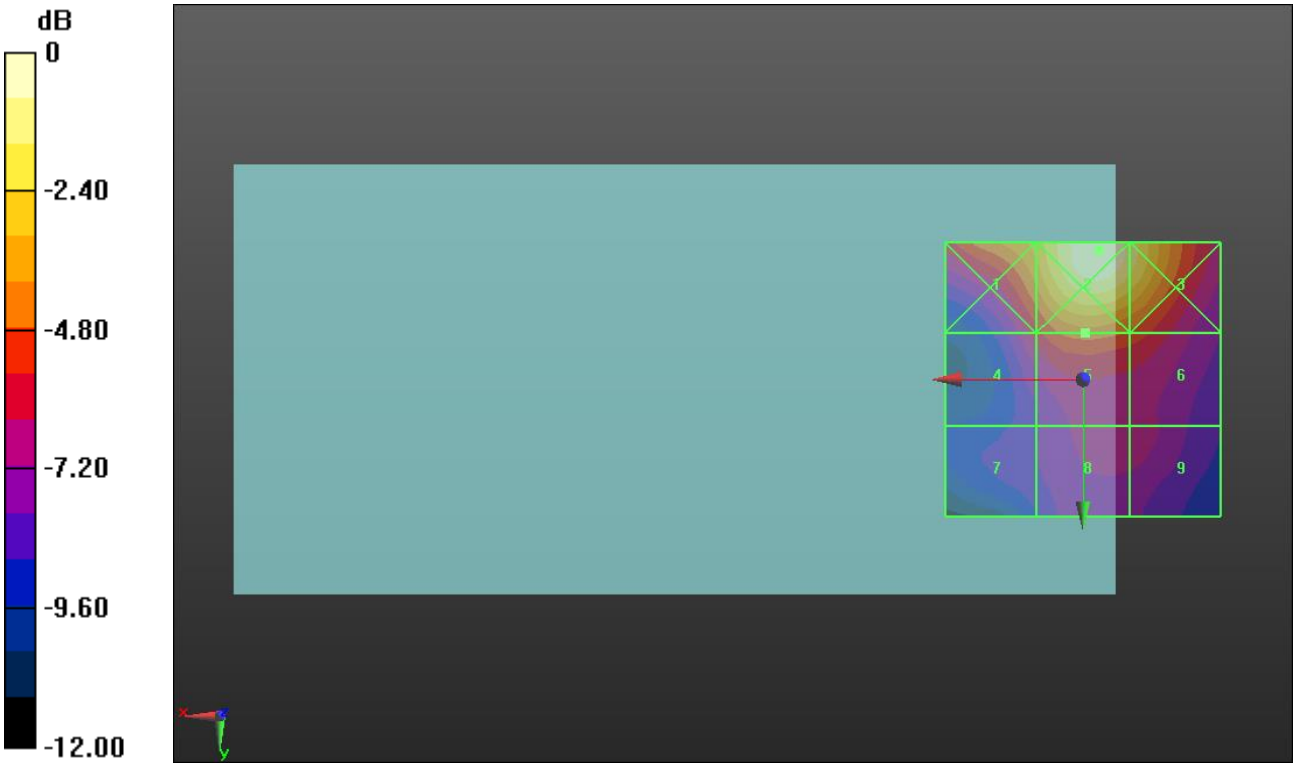
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5240 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5240 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.2 GHz) E-Field measurement/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 = 25.25 V/m; Power Drift = -0.07 dB
Applied MIF = -3.15 dB
RF audio interference level = 25.69 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.2 dBV/m**	Grid 2 **M3** **30.02 dBV/m**	Grid 3 **M4** **28.94 dBV/m**
Grid 4 **M4** **24.09 dBV/m**	Grid 5 **M4** **25.69 dBV/m**	Grid 6 **M4** **25.07 dBV/m**
Grid 7 **M4** **22.03 dBV/m**	Grid 8 **M4** **23.32 dBV/m**	Grid 9 **M4** **23.26 dBV/m**



0 dB = 31.69 V/m = 30.02 dBV/m

Wi-Fi 5 GHz ANT 6

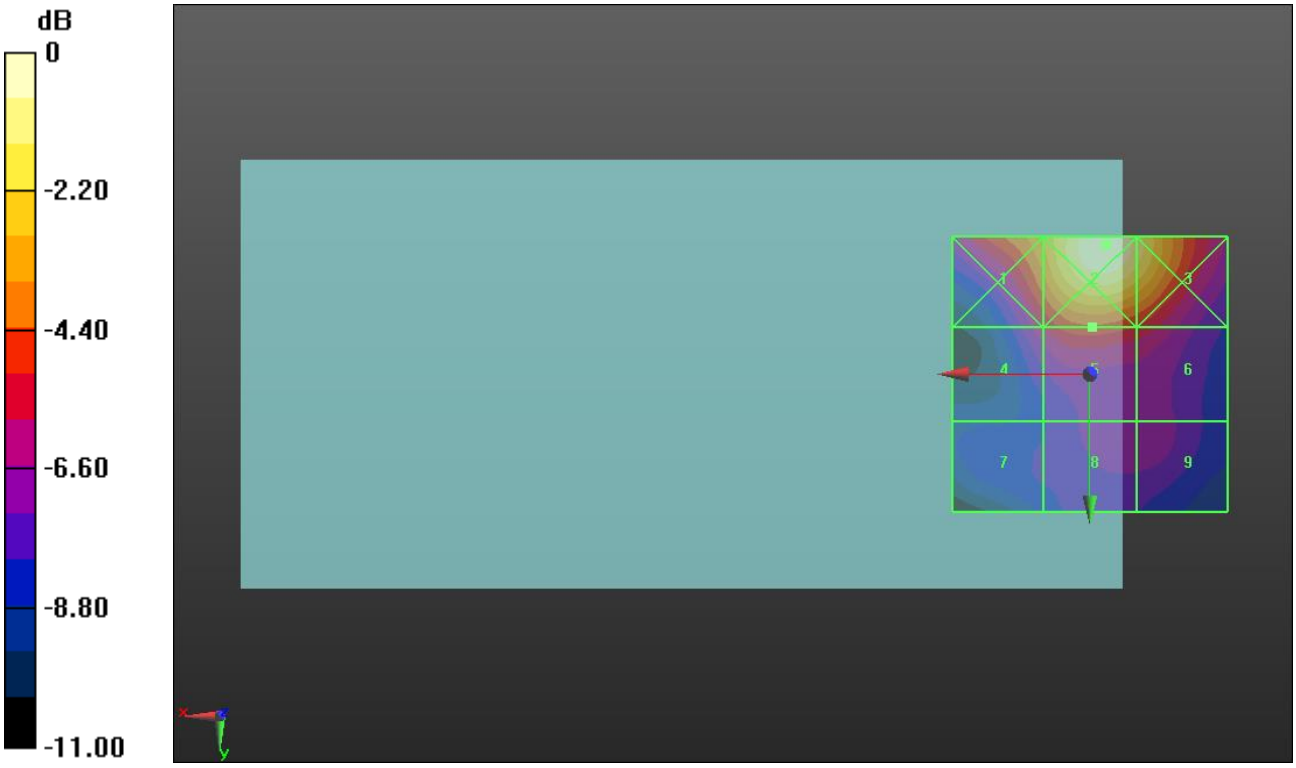
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5260 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5260 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.3 GHz) E-Field measurement/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 = 25.30 V/m; Power Drift = -0.23 dB
Applied MIF = -3.15 dB
RF audio interference level = 25.45 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.1 dBV/m**	Grid 2 **M4** **29.99 dBV/m**	Grid 3 **M4** **28.94 dBV/m**
Grid 4 **M4** **24.08 dBV/m**	Grid 5 **M4** **25.45 dBV/m**	Grid 6 **M4** **24.8 dBV/m**
Grid 7 **M4** **22.06 dBV/m**	Grid 8 **M4** **23.27 dBV/m**	Grid 9 **M4** **23.27 dBV/m**



0 dB = 31.58 V/m = 29.99 dBV/m

Wi-Fi 5 GHz ANT 6

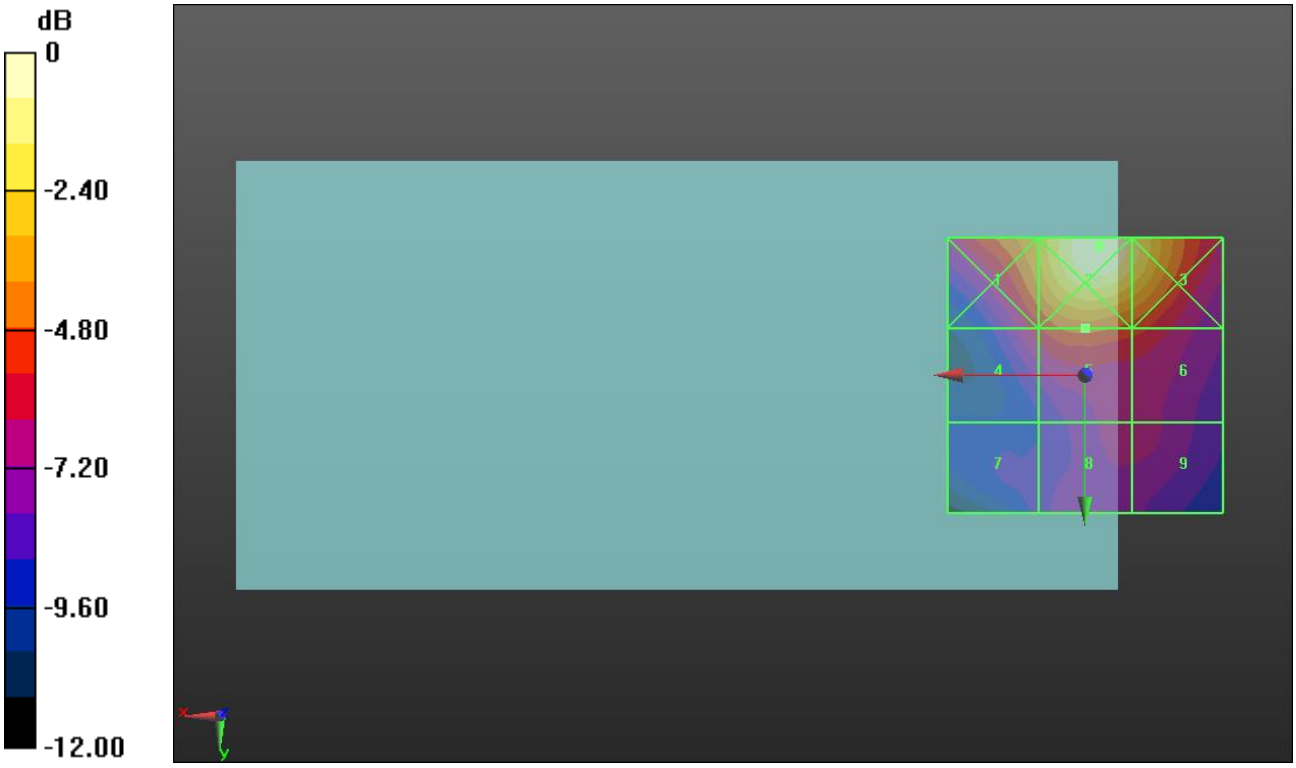
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5280 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.3 GHz) E-Field measurement/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 = 25.27 V/m; Power Drift = -0.09 dB
Applied MIF = -3.15 dB
RF audio interference level = 25.47 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.95 dBV/m**	Grid 2 **M4** **29.92 dBV/m**	Grid 3 **M4** **28.82 dBV/m**
Grid 4 **M4** **24.14 dBV/m**	Grid 5 **M4** **25.47 dBV/m**	Grid 6 **M4** **24.78 dBV/m**
Grid 7 **M4** **21.57 dBV/m**	Grid 8 **M4** **23.11 dBV/m**	Grid 9 **M4** **23.11 dBV/m**



0 dB = 31.34 V/m = 29.92 dBV/m

Wi-Fi 5 GHz ANT 6

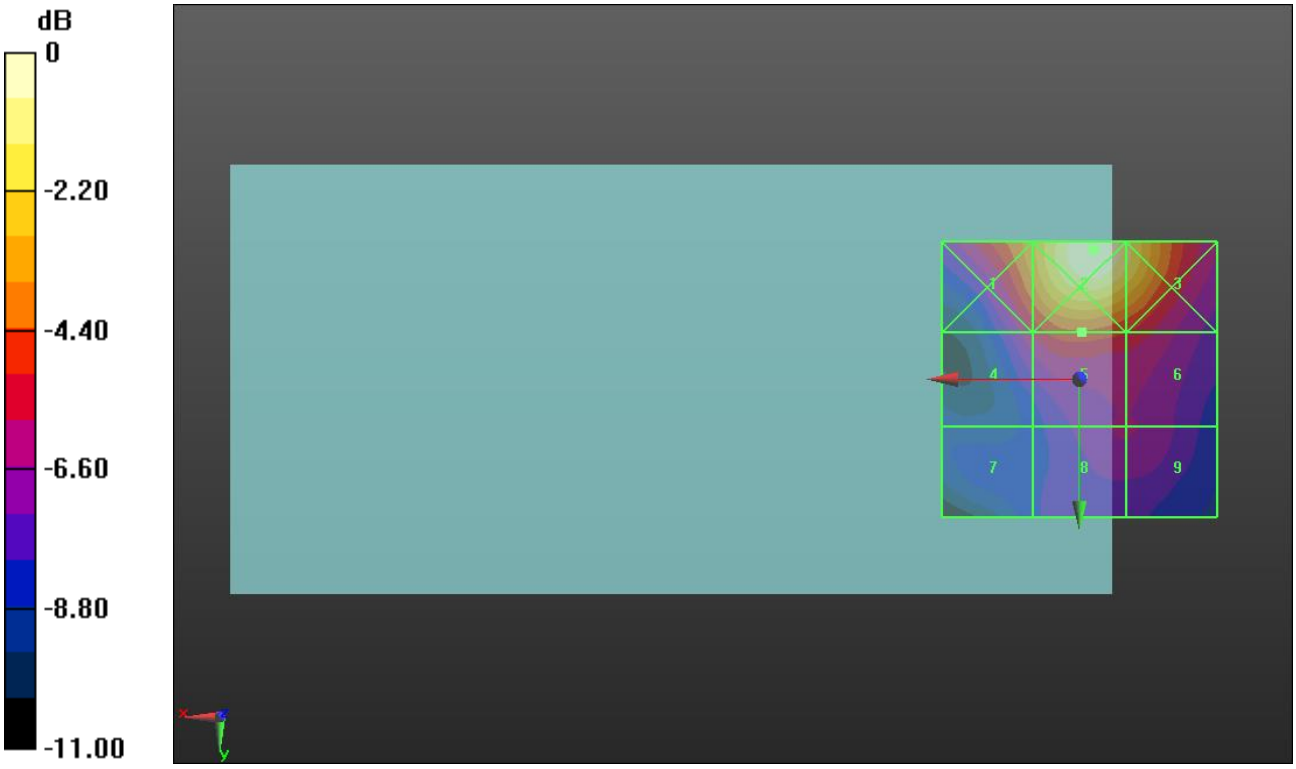
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5300 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5300 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.3 GHz) E-Field measurement/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 = 25.66 V/m; Power Drift = -0.16 dB
Applied MIF = -3.15 dB
RF audio interference level = 25.36 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **26.78 dBV/m**	Grid 2 **M4** **29.86 dBV/m**	Grid 3 **M4** **28.73 dBV/m**
Grid 4 **M4** **24.09 dBV/m**	Grid 5 **M4** **25.36 dBV/m**	Grid 6 **M4** **24.75 dBV/m**
Grid 7 **M4** **21.73 dBV/m**	Grid 8 **M4** **23.34 dBV/m**	Grid 9 **M4** **23.34 dBV/m**



0 dB = 31.10 V/m = 29.86 dBV/m

Wi-Fi 5 GHz ANT 6

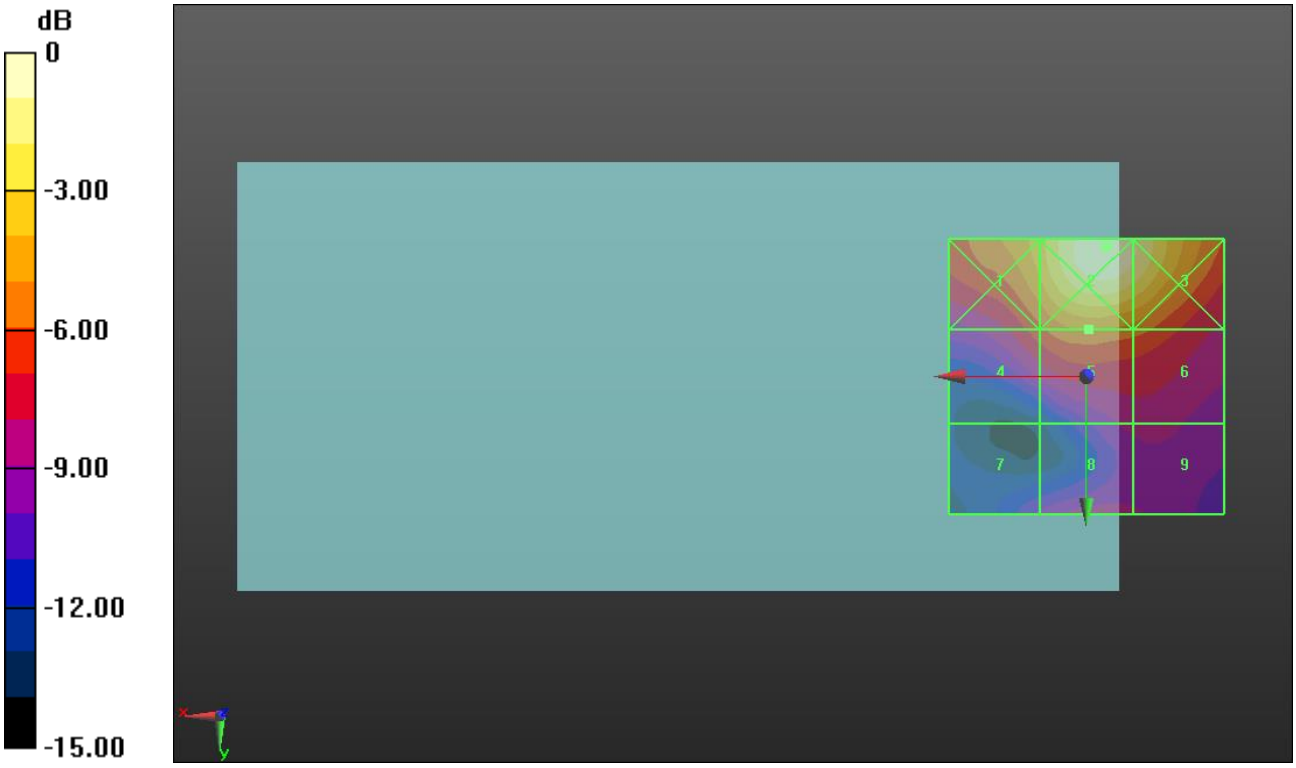
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5520 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5520 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.5 GHz) E-Field measurement/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 = 21.28 V/m; Power Drift = 0.45 dB
Applied MIF = -3.15 dB
RF audio interference level = 25.54 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **27.02 dBV/m**	Grid 2 **M3** **30.42 dBV/m**	Grid 3 **M4** **29.63 dBV/m**
Grid 4 **M4** **24.1 dBV/m**	Grid 5 **M4** **25.54 dBV/m**	Grid 6 **M4** **24.94 dBV/m**
Grid 7 **M4** **20.67 dBV/m**	Grid 8 **M4** **22.08 dBV/m**	Grid 9 **M4** **21.85 dBV/m**



0 dB = 33.21 V/m = 30.43 dBV/m

Wi-Fi 5 GHz ANT 6

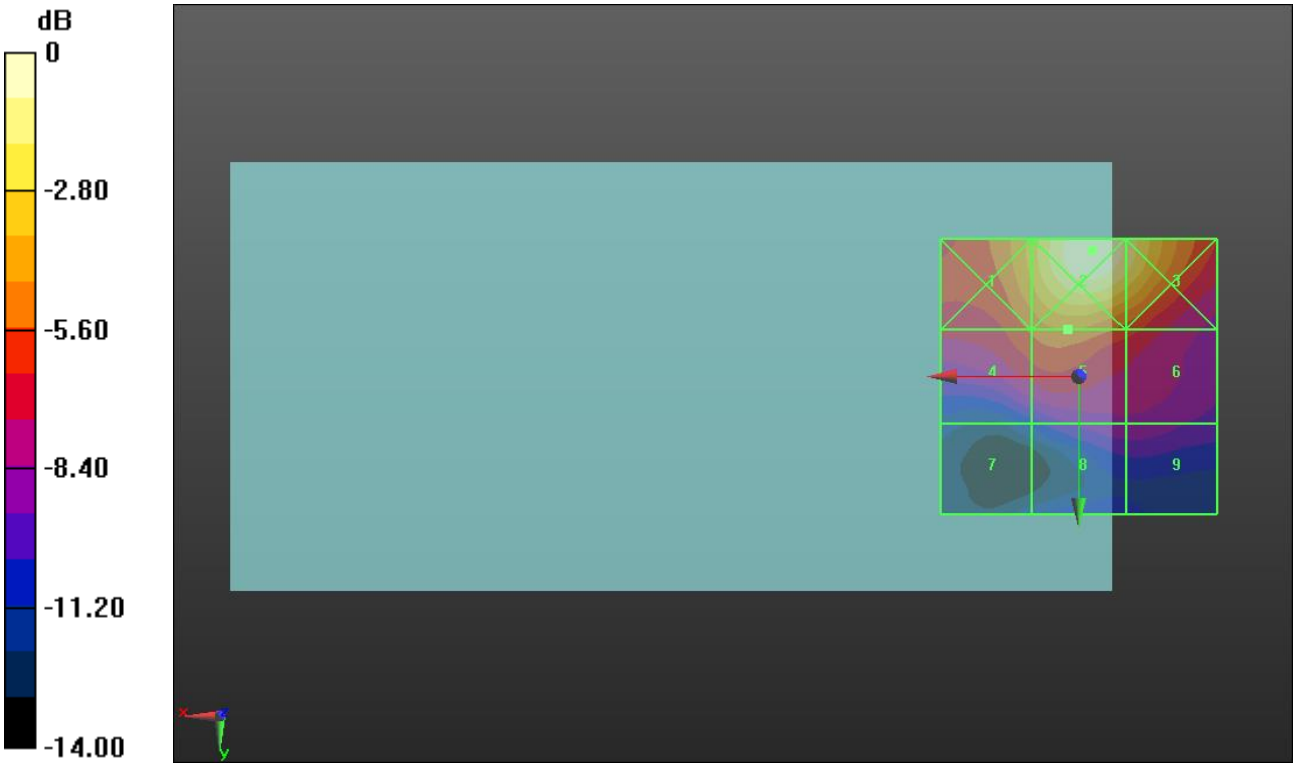
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5620 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5620 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.5 GHz) E-Field measurement/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 = 18.69 V/m; Power Drift = 0.19 dB
Applied MIF = -3.15 dB
RF audio interference level = 23.97 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **25.34 dBV/m**	Grid 2 **M4** **28.61 dBV/m**	Grid 3 **M4** **27.48 dBV/m**
Grid 4 **M4** **23.2 dBV/m**	Grid 5 **M4** **23.97 dBV/m**	Grid 6 **M4** **22.62 dBV/m**
Grid 7 **M4** **17.83 dBV/m**	Grid 8 **M4** **20.01 dBV/m**	Grid 9 **M4** **20.02 dBV/m**



0 dB = 26.95 V/m = 28.61 dBV/m

Wi-Fi 5 GHz ANT 6

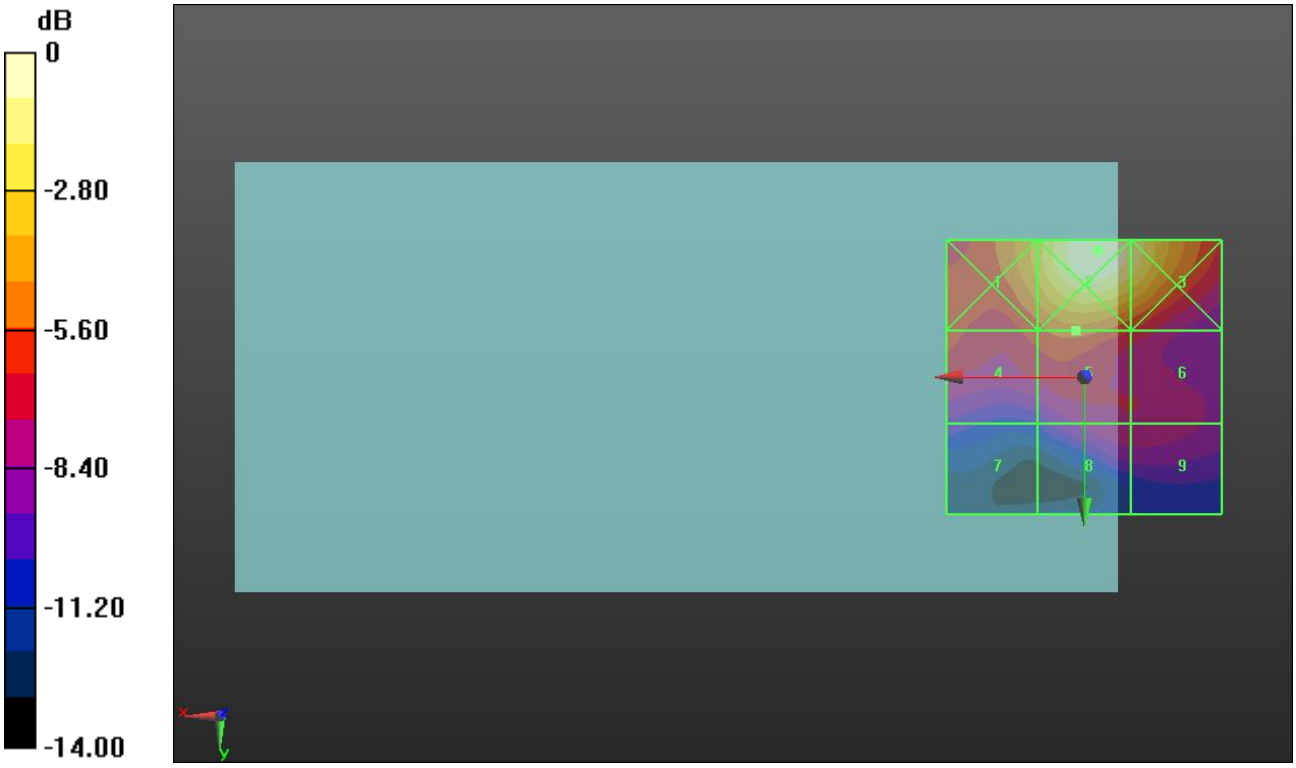
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5720 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5720 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.5 GHz) E-Field measurement/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 = 16.87 V/m; Power Drift = -0.11 dB
Applied MIF = -3.15 dB
RF audio interference level = 22.31 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.24 dBV/m**	Grid 2 **M4** **27.4 dBV/m**	Grid 3 **M4** **26.31 dBV/m**
Grid 4 **M4** **21.44 dBV/m**	Grid 5 **M4** **22.31 dBV/m**	Grid 6 **M4** **20.92 dBV/m**
Grid 7 **M4** **17.87 dBV/m**	Grid 8 **M4** **19.88 dBV/m**	Grid 9 **M4** **19.86 dBV/m**



0 dB = 23.45 V/m = 27.40 dBV/m

Wi-Fi 5 GHz ANT 6

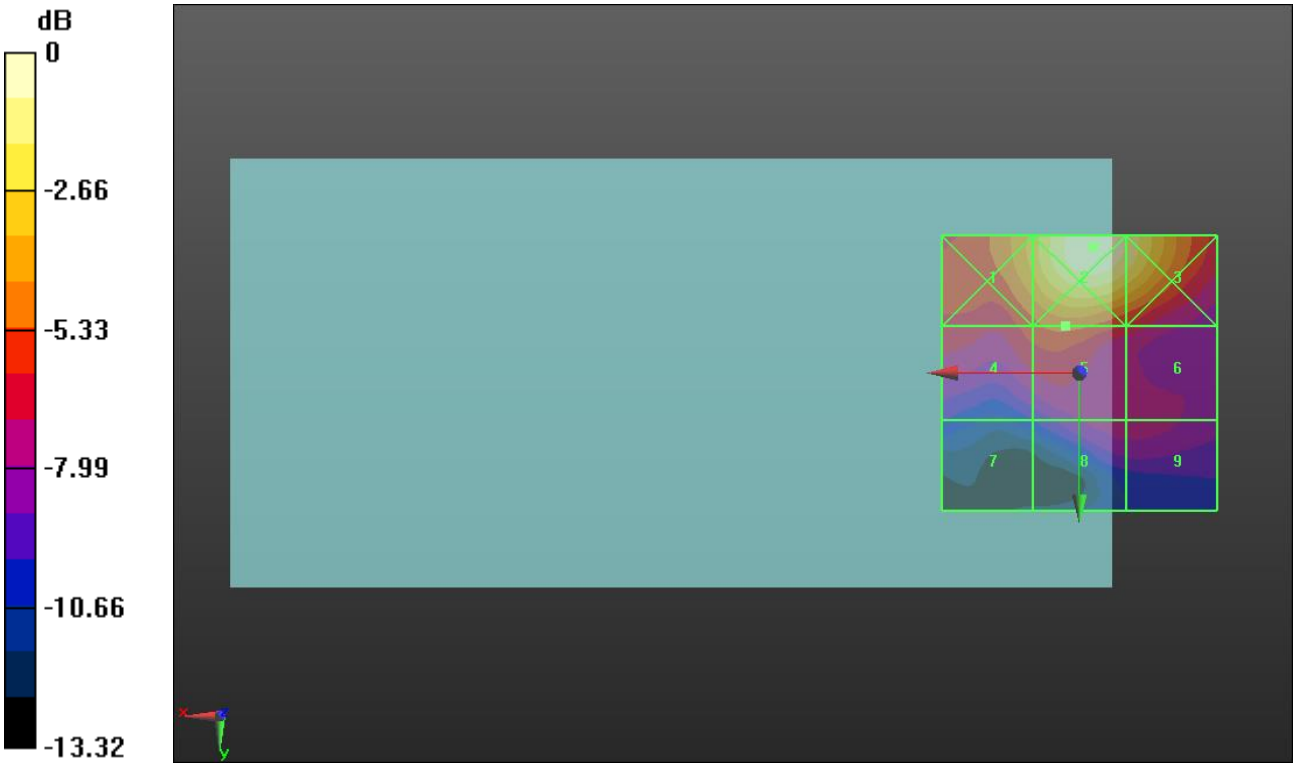
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5745 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.8 GHz) E-Field measurement/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 = 15.08 V/m; Power Drift = 0.11 dB
Applied MIF = -3.15 dB
RF audio interference level = 21.65 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.54 dBV/m**	Grid 2 **M4** **26.64 dBV/m**	Grid 3 **M4** **25.66 dBV/m**
Grid 4 **M4** **20.97 dBV/m**	Grid 5 **M4** **21.65 dBV/m**	Grid 6 **M4** **20.28 dBV/m**
Grid 7 **M4** **17 dBV/m**	Grid 8 **M4** **19.19 dBV/m**	Grid 9 **M4** **19.19 dBV/m**



0 dB = 21.48 V/m = 26.64 dBV/m

Wi-Fi 5 GHz ANT 6

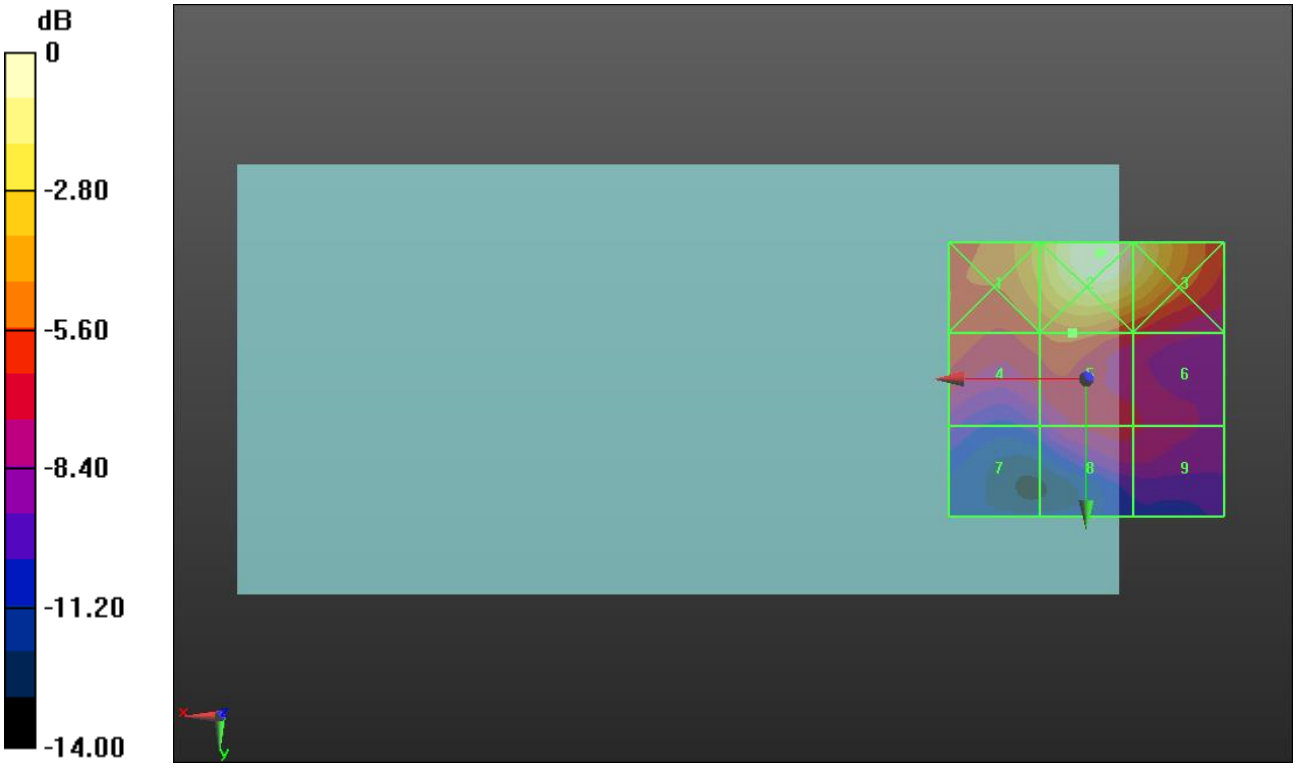
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5785 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.8 GHz) E-Field measurement/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 = 14.68 V/m; Power Drift = -0.07 dB
Applied MIF = -3.15 dB
RF audio interference level = 21.08 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.9 dBV/m**	Grid 2 **M4** **26.08 dBV/m**	Grid 3 **M4** **25 dBV/m**
Grid 4 **M4** **20.43 dBV/m**	Grid 5 **M4** **21.08 dBV/m**	Grid 6 **M4** **19.53 dBV/m**
Grid 7 **M4** **17.24 dBV/m**	Grid 8 **M4** **18.96 dBV/m**	Grid 9 **M4** **18.79 dBV/m**



0 dB = 20.13 V/m = 26.08 dBV/m

Wi-Fi 5 GHz ANT 6

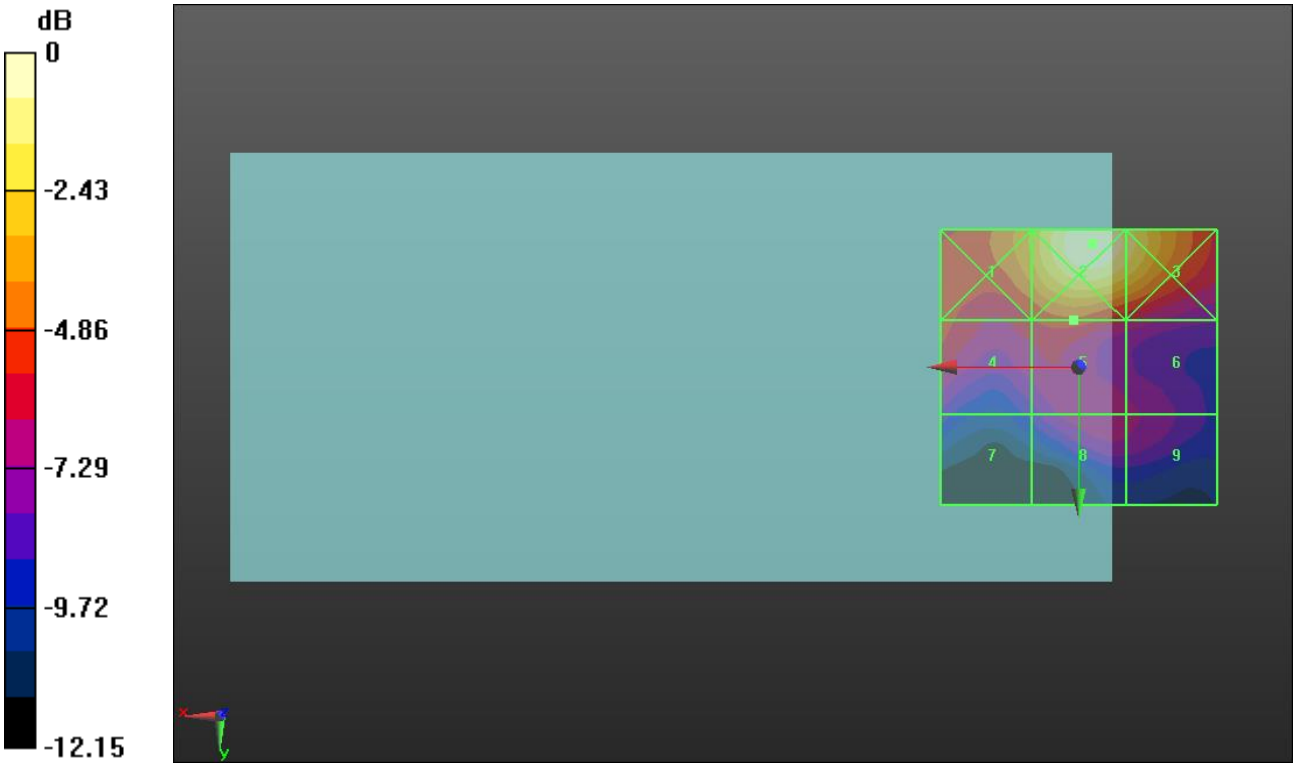
Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5825 MHz; Duty Cycle: 1:11.3789
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 5825 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

802.11a (5.8 GHz) E-Field measurement/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 = 13.39 V/m; Power Drift = 0.15 dB
Applied MIF = -3.15 dB
RF audio interference level = 20.03 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.11 dBV/m**	Grid 2 **M4** **25.12 dBV/m**	Grid 3 **M4** **24.07 dBV/m**
Grid 4 **M4** **19.83 dBV/m**	Grid 5 **M4** **20.03 dBV/m**	Grid 6 **M4** **18.77 dBV/m**
Grid 7 **M4** **16.85 dBV/m**	Grid 8 **M4** **18.51 dBV/m**	Grid 9 **M4** **18.14 dBV/m**



0 dB = 18.03 V/m = 25.12 dBV/m

LTE Band 48 ANT 7

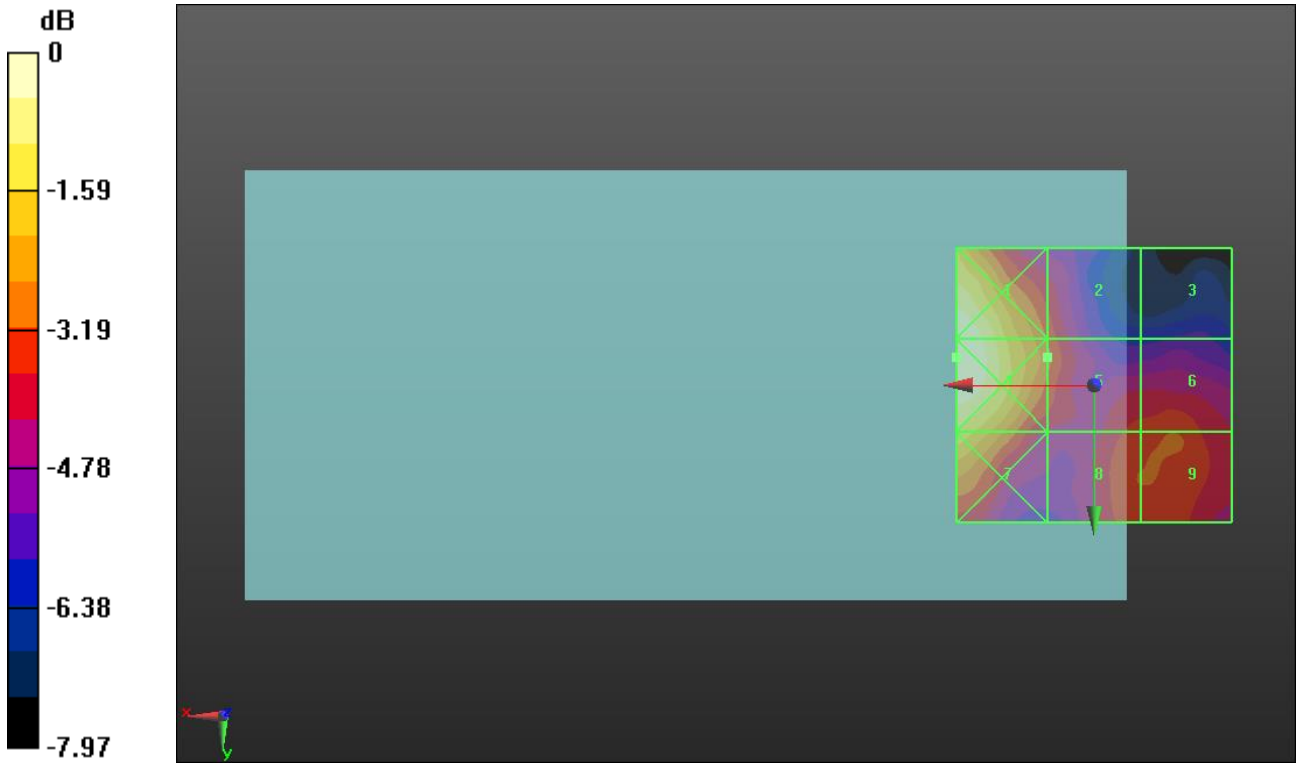
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48 ANT 7 E-Field measurement/SC-FDMA 1RB 20 MHz 16QAM Ch. 55340/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 8.962 V/m; Power Drift = -0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 17.48 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.41 dBV/m**	Grid 2 **M4** **17.25 dBV/m**	Grid 3 **M4** **14.82 dBV/m**
Grid 4 **M4** **20.48 dBV/m**	Grid 5 **M4** **17.48 dBV/m**	Grid 6 **M4** **17.29 dBV/m**
Grid 7 **M4** **19.31 dBV/m**	Grid 8 **M4** **17.32 dBV/m**	Grid 9 **M4** **17.44 dBV/m**



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

LTE Band 48 ANT 7

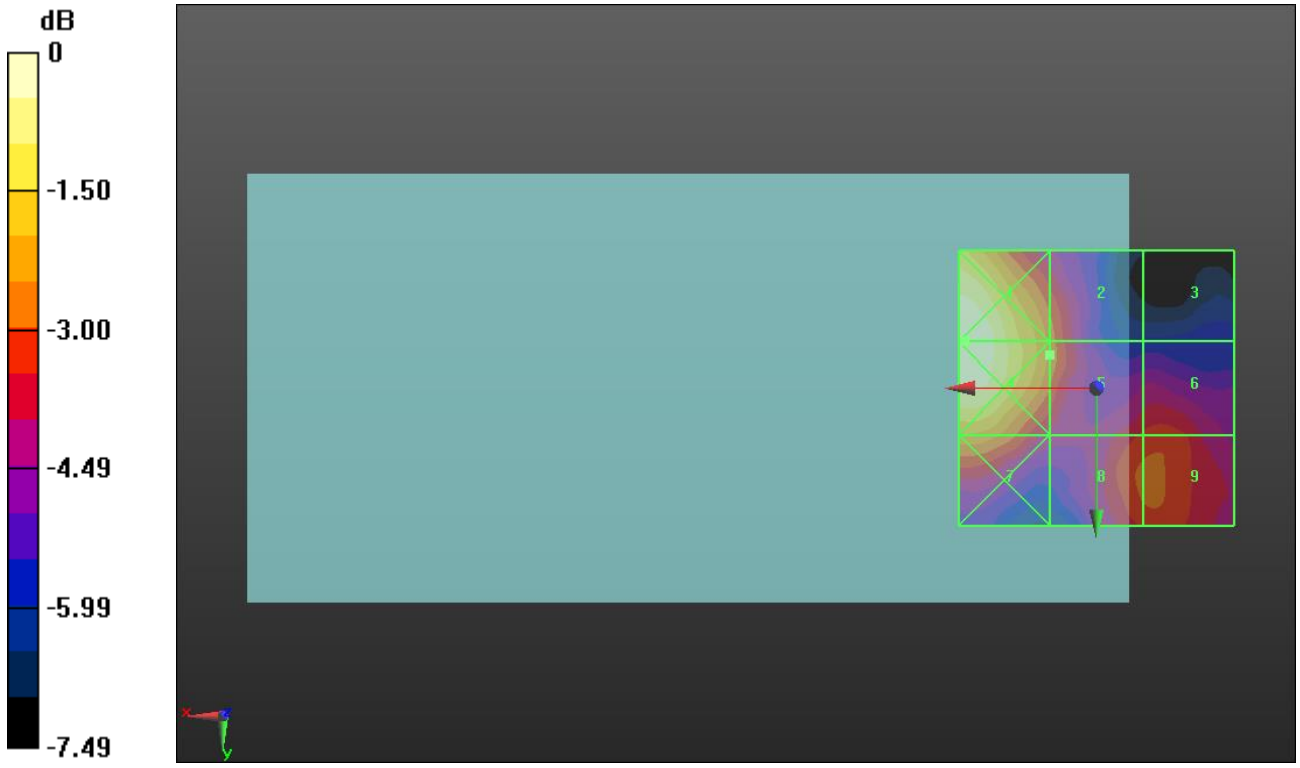
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48 ANT 7 E-Field measurement/SC-FDMA 1RB 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 = 9.068 V/m; Power Drift = -0.13 dB
Applied MIF = -1.44 dB
RF audio interference level = 18.09 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.69 dBV/m**	Grid 2 **M4** **18.04 dBV/m**	Grid 3 **M4** **15.03 dBV/m**
Grid 4 **M4** **20.69 dBV/m**	Grid 5 **M4** **18.09 dBV/m**	Grid 6 **M4** **17.46 dBV/m**
Grid 7 **M4** **18.66 dBV/m**	Grid 8 **M4** **17.82 dBV/m**	Grid 9 **M4** **17.89 dBV/m**



0 dB = 10.83 V/m = 20.69 dBV/m

LTE Band 48 ANT 7

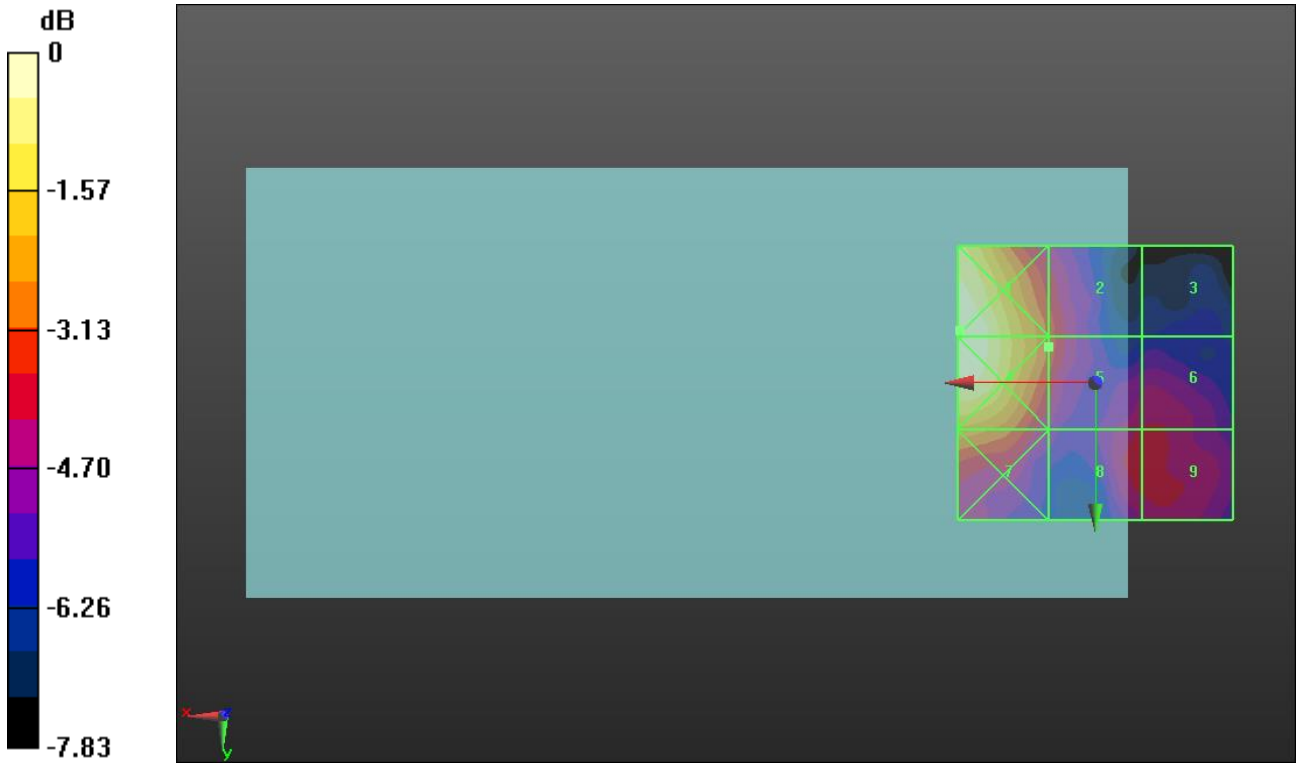
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48 ANT 7 E-Field measurement/SC-FDMA 1RB 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 = 8.526 V/m; Power Drift = -0.12 dB
Applied MIF = -1.44 dB
RF audio interference level = 16.85 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **20.07 dBV/m**	Grid 2 **M4** **16.82 dBV/m**	Grid 3 **M4** **14.31 dBV/m**
Grid 4 **M4** **20.06 dBV/m**	Grid 5 **M4** **16.85 dBV/m**	Grid 6 **M4** **16.06 dBV/m**
Grid 7 **M4** **17.89 dBV/m**	Grid 8 **M4** **16.16 dBV/m**	Grid 9 **M4** **16.2 dBV/m**



0 dB = 10.08 V/m = 20.07 dBV/m

LTE Band 48 ANT 7

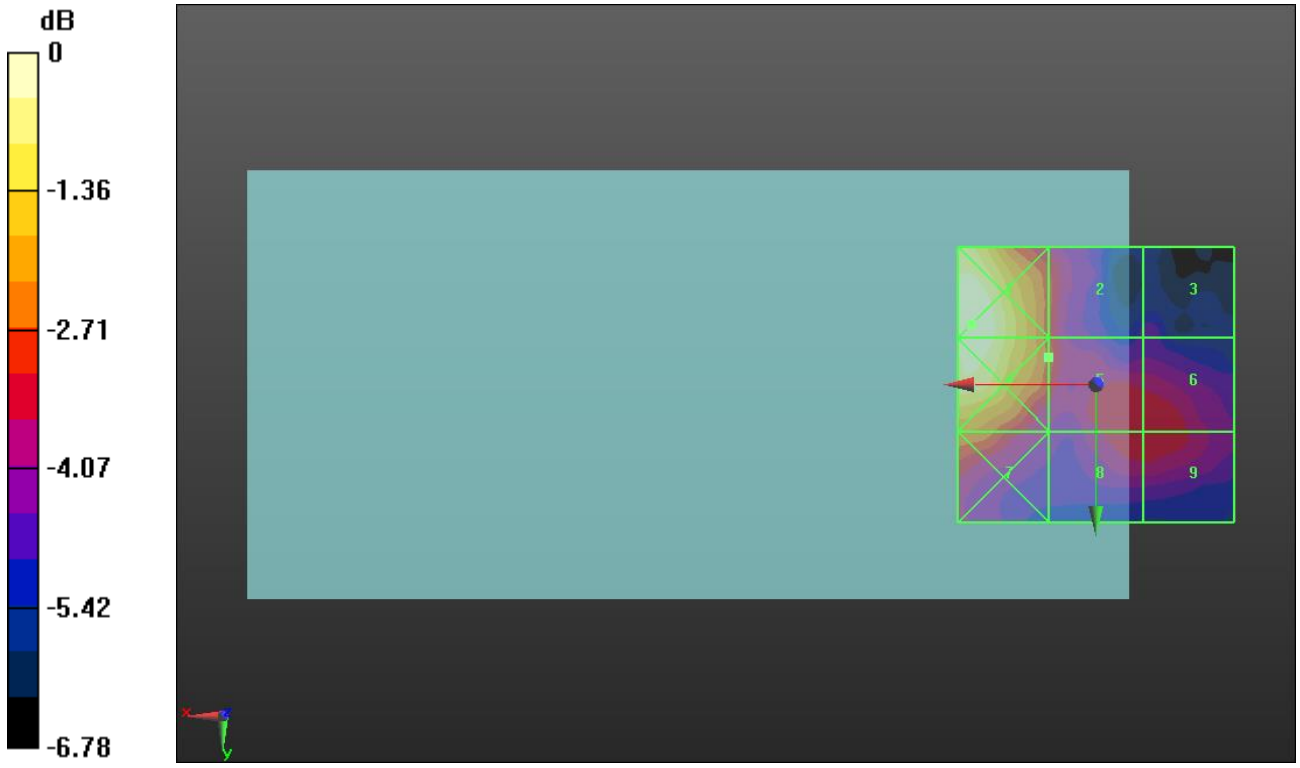
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48 ANT 7 E-Field measurement/SC-FDMA 1RB 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 = 8.986 V/m; Power Drift = -0.03 dB
Applied MIF = -1.44 dB
RF audio interference level = 16.62 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **19.47 dBV/m**	Grid 2 **M4** **16.5 dBV/m**	Grid 3 **M4** **14.83 dBV/m**
Grid 4 **M4** **19.4 dBV/m**	Grid 5 **M4** **16.62 dBV/m**	Grid 6 **M4** **16.19 dBV/m**
Grid 7 **M4** **17.25 dBV/m**	Grid 8 **M4** **16.14 dBV/m**	Grid 9 **M4** **16.11 dBV/m**



0 dB = 9.404 V/m = 19.47 dBV/m

LTE Band 48 ANT 8

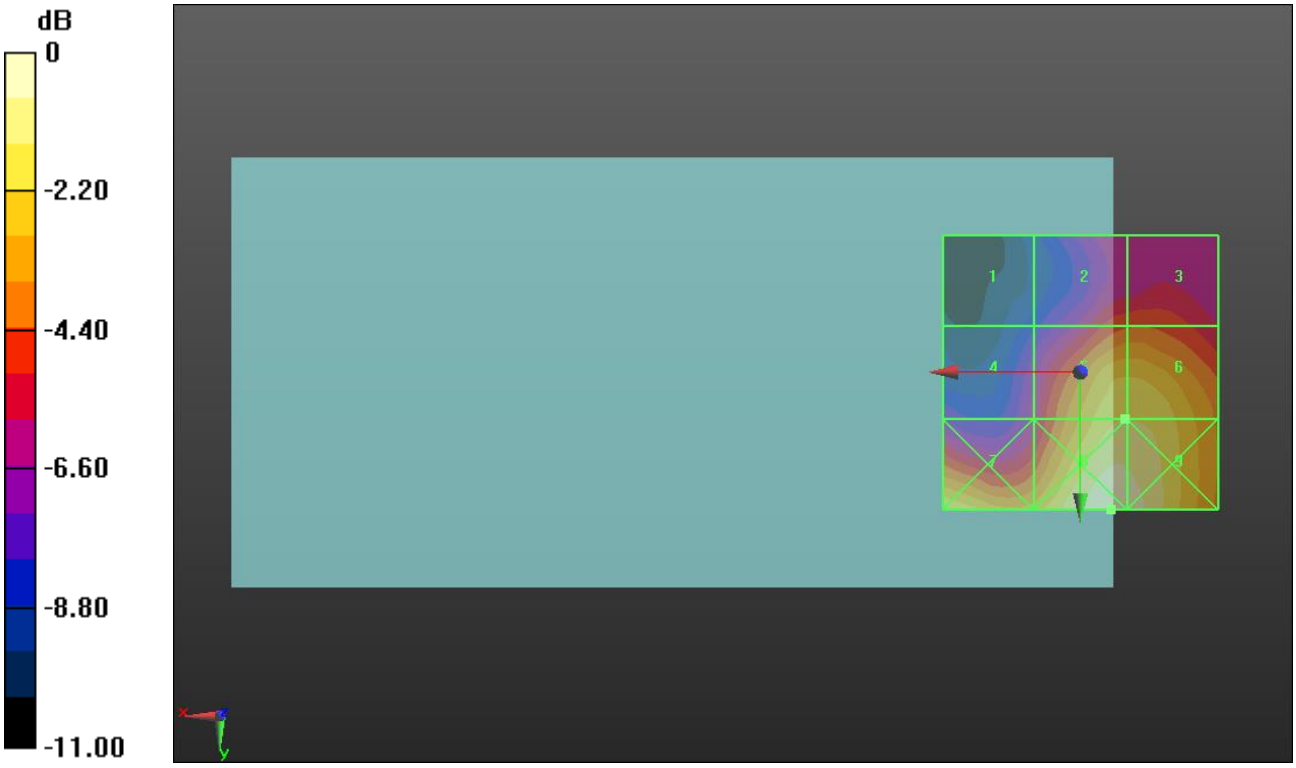
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48 ANT 8 E-Field measurement/SC-FDMA 1RB 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 = 23.30 V/m; Power Drift = 0.08 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.97 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **18.11 dBV/m**	Grid 2 **M4** **21.91 dBV/m**	Grid 3 **M4** **21.99 dBV/m**
Grid 4 **M4** **20.18 dBV/m**	Grid 5 **M4** **24.97 dBV/m**	Grid 6 **M4** **24.97 dBV/m**
Grid 7 **M4** **25.16 dBV/m**	Grid 8 **M4** **26.43 dBV/m**	Grid 9 **M4** **26.21 dBV/m**



0 dB = 20.97 V/m = 26.43 dBV/m

LTE Band 48 ANT 8

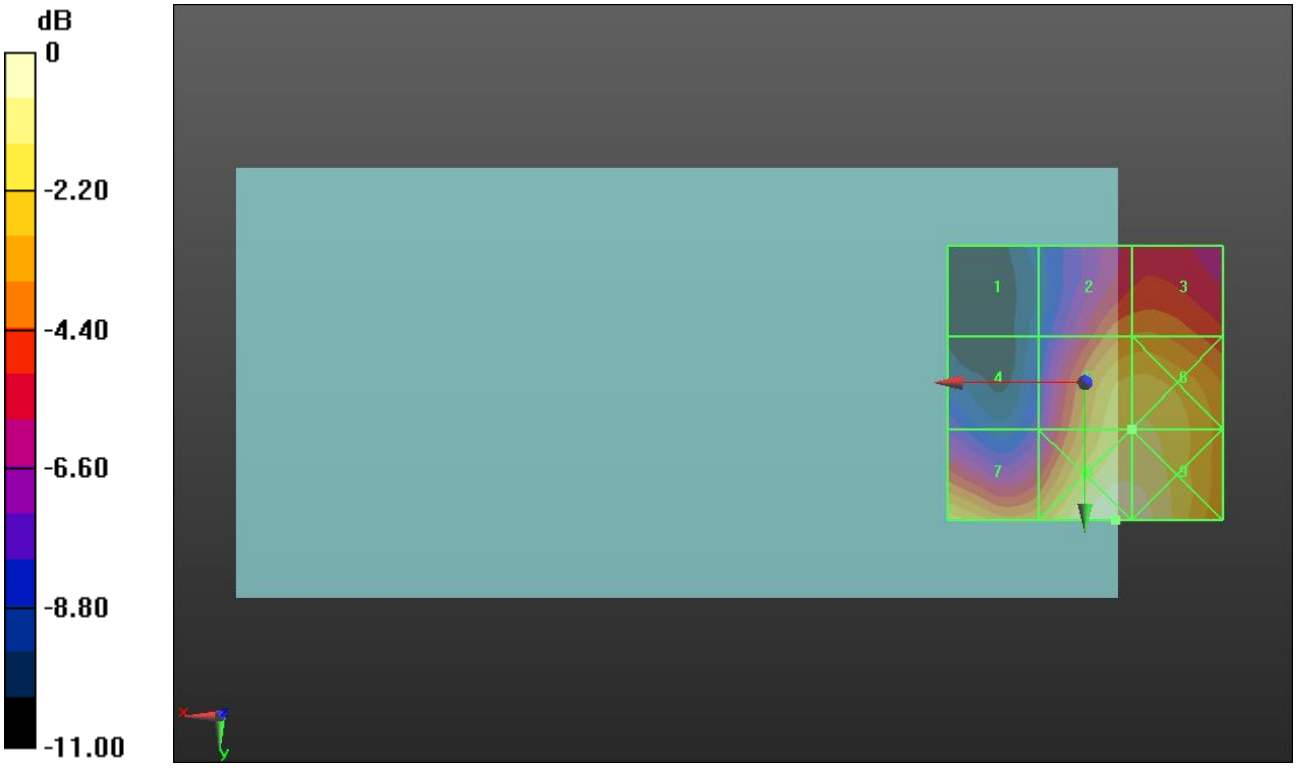
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48 ANT 8 E-Field measurement/SC-FDMA 1RB 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 = 23.87 V/m; Power Drift = 0.05 dB
Applied MIF = -1.44 dB
RF audio interference level = 25.20 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.72 dBV/m**	Grid 2 **M4** **23.05 dBV/m**	Grid 3 **M4** **23.14 dBV/m**
Grid 4 **M4** **19.28 dBV/m**	Grid 5 **M4** **25.2 dBV/m**	Grid 6 **M4** **25.23 dBV/m**
Grid 7 **M4** **24.95 dBV/m**	Grid 8 **M4** **26.63 dBV/m**	Grid 9 **M4** **26.44 dBV/m**



0 dB = 21.46 V/m = 26.63 dBV/m

LTE Band 48 ANT 8

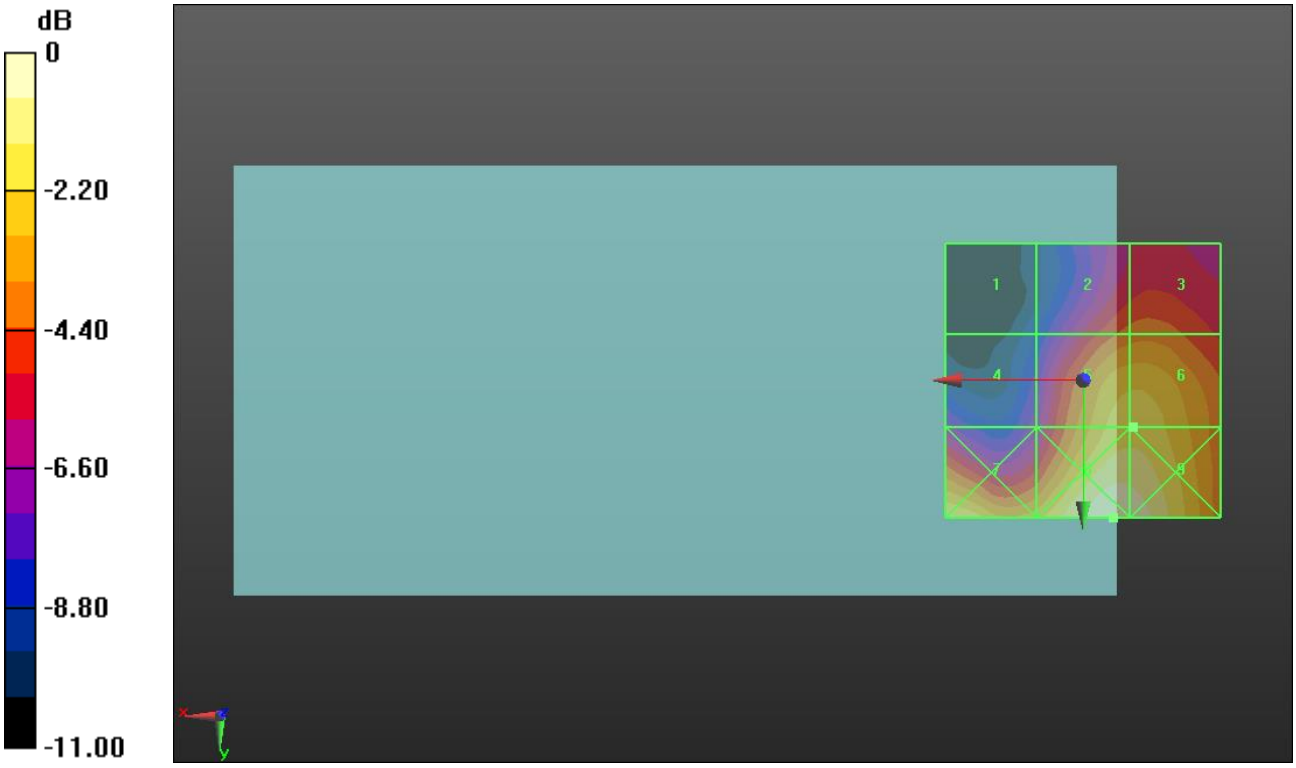
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48 ANT 8 E-Field measurement/SC-FDMA 1RB 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 = 22.67 V/m; Power Drift = -0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 24.60 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **17.6 dBV/m**	Grid 2 **M4** **22.29 dBV/m**	Grid 3 **M4** **22.45 dBV/m**
Grid 4 **M4** **19.6 dBV/m**	Grid 5 **M4** **24.6 dBV/m**	Grid 6 **M4** **24.6 dBV/m**
Grid 7 **M4** **25.14 dBV/m**	Grid 8 **M4** **26.34 dBV/m**	Grid 9 **M4** **26.19 dBV/m**



0 dB = 20.76 V/m = 26.34 dBV/m

LTE Band 48 ANT 8

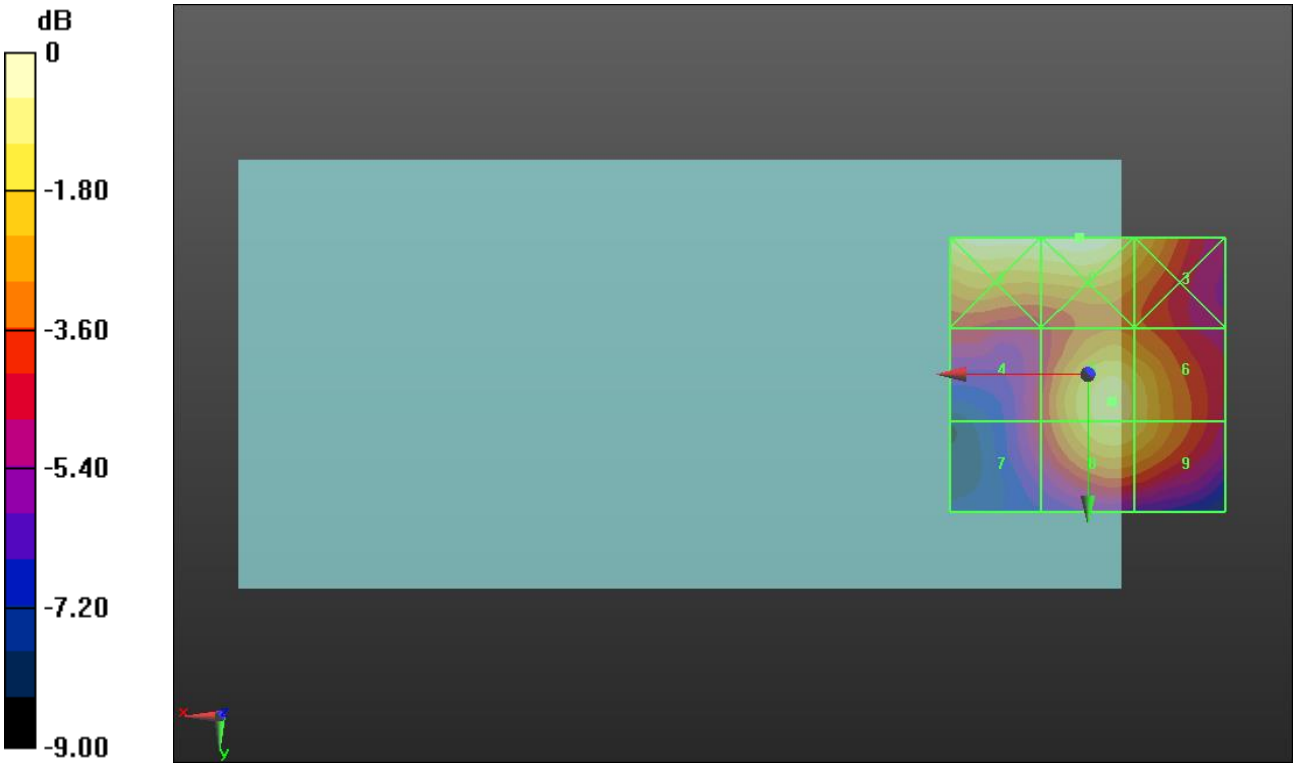
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48 ANT 8 E-Field measurement/SC-FDMA 1RB 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 = 22.78 V/m; Power Drift = 0.16 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.01 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.68 dBV/m**	Grid 2 **M4** **23.85 dBV/m**	Grid 3 **M4** **22.49 dBV/m**
Grid 4 **M4** **19.68 dBV/m**	Grid 5 **M4** **23.01 dBV/m**	Grid 6 **M4** **22.54 dBV/m**
Grid 7 **M4** **19.55 dBV/m**	Grid 8 **M4** **22.79 dBV/m**	Grid 9 **M4** **22.47 dBV/m**



0 dB = 15.58 V/m = 23.85 dBV/m

LTE Band 48 ANT 9

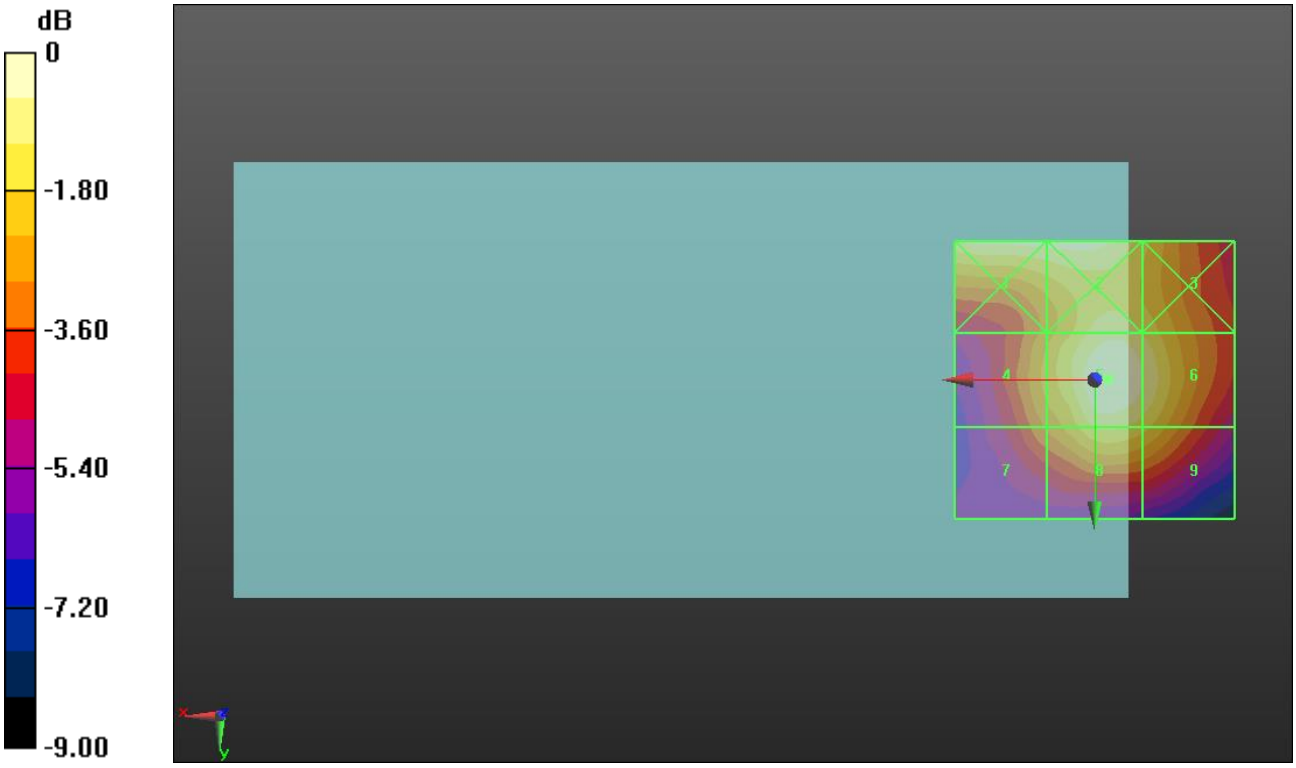
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3560 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3560 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48 ANT 9 E-Field measurement/SC-FDMA 1RB 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 = 25.72 V/m; Power Drift = 0.11 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.71 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.48 dBV/m**	Grid 2 **M4** **23.52 dBV/m**	Grid 3 **M4** **22.46 dBV/m**
Grid 4 **M4** **21.58 dBV/m**	Grid 5 **M4** **23.71 dBV/m**	Grid 6 **M4** **23.13 dBV/m**
Grid 7 **M4** **20.81 dBV/m**	Grid 8 **M4** **22.62 dBV/m**	Grid 9 **M4** **22.15 dBV/m**



0 dB = 15.32 V/m = 23.71 dBV/m

LTE Band 48 ANT 9

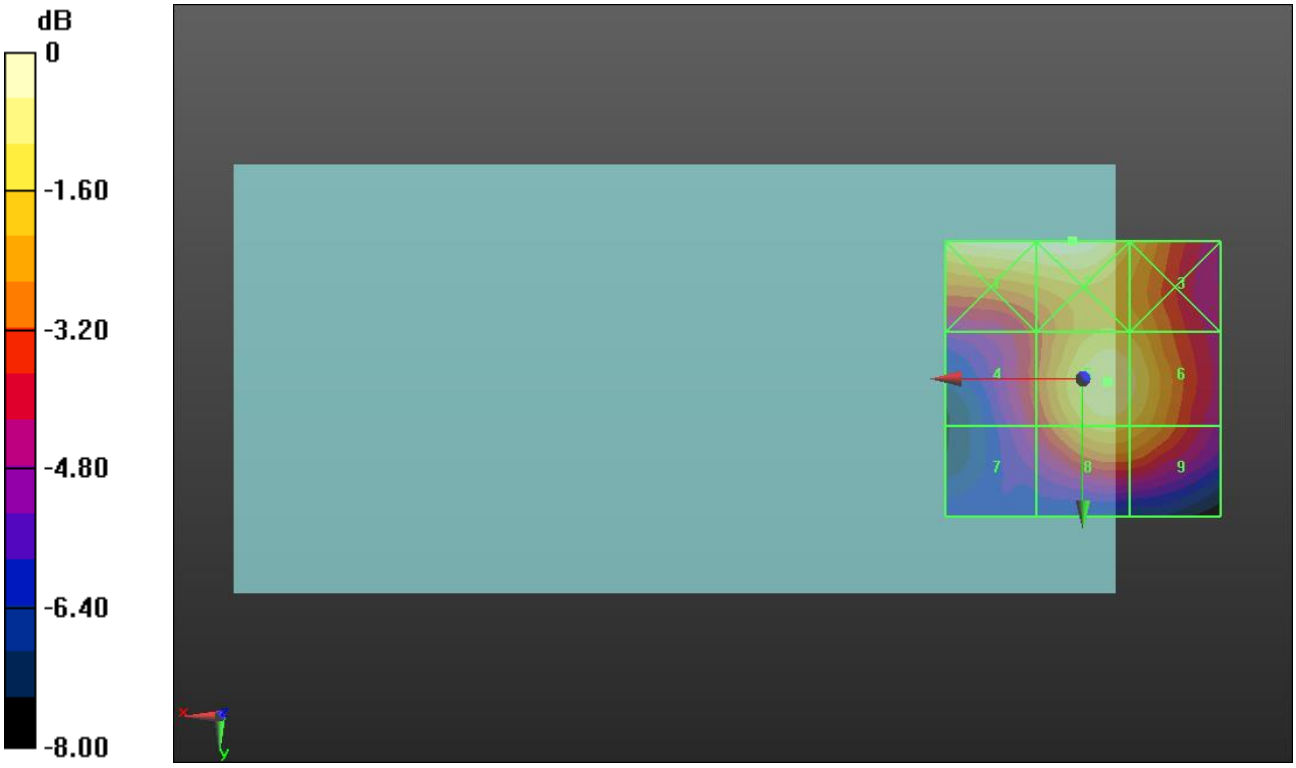
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3603.3 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3603.3 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48 ANT 9 E-Field measurement/SC-FDMA 1RB 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 = 25.15 V/m; Power Drift = 0.01 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.32 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.77 dBV/m**	Grid 2 **M4** **23.86 dBV/m**	Grid 3 **M4** **22.46 dBV/m**
Grid 4 **M4** **20.52 dBV/m**	Grid 5 **M4** **23.32 dBV/m**	Grid 6 **M4** **22.97 dBV/m**
Grid 7 **M4** **19.85 dBV/m**	Grid 8 **M4** **22.52 dBV/m**	Grid 9 **M4** **22.27 dBV/m**



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

LTE Band 48 ANT 9

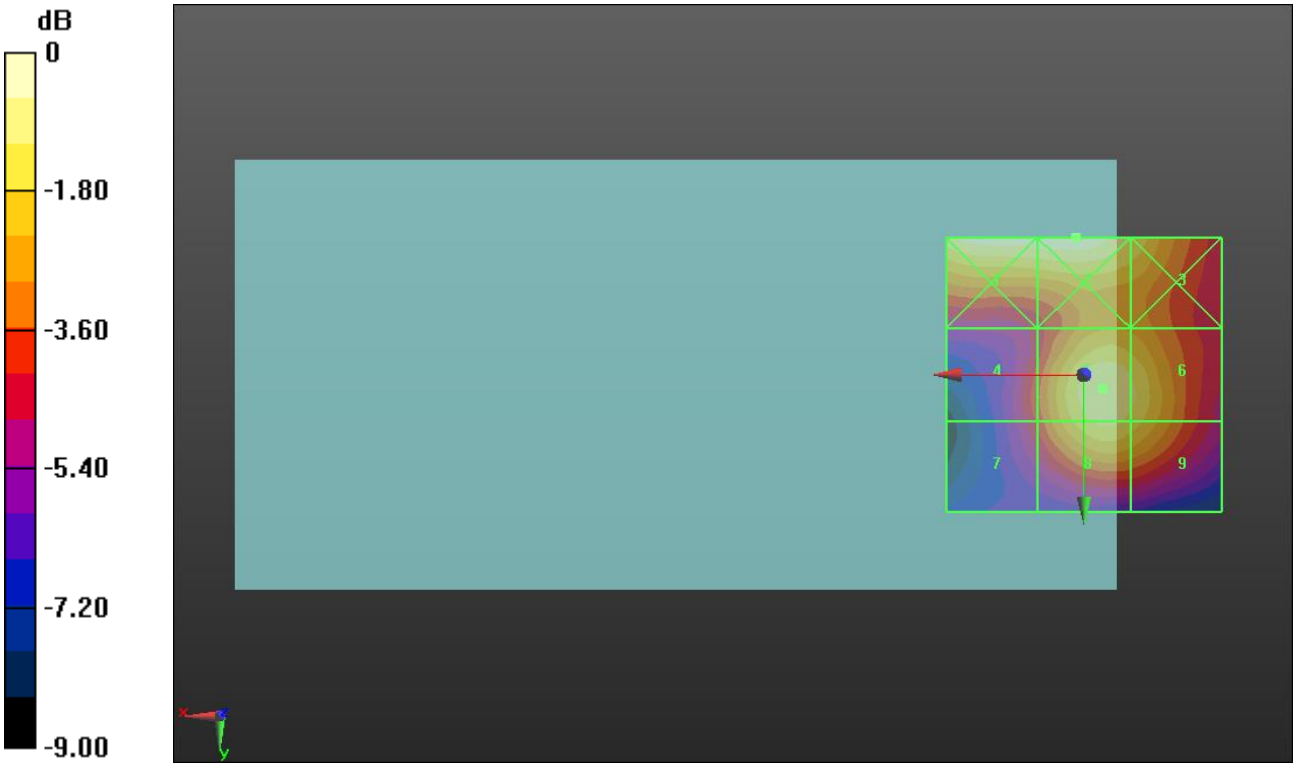
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3646.7 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3646.7 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48 ANT 9 E-Field measurement/SC-FDMA 1RB 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 = 25.00 V/m; Power Drift = 0.15 dB
Applied MIF = -1.44 dB
RF audio interference level = 23.12 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.63 dBV/m**	Grid 2 **M4** **23.77 dBV/m**	Grid 3 **M4** **22.63 dBV/m**
Grid 4 **M4** **20.03 dBV/m**	Grid 5 **M4** **23.12 dBV/m**	Grid 6 **M4** **22.72 dBV/m**
Grid 7 **M4** **19.68 dBV/m**	Grid 8 **M4** **22.71 dBV/m**	Grid 9 **M4** **22.33 dBV/m**



0 dB = 15.44 V/m = 23.77 dBV/m

LTE Band 48 ANT 9

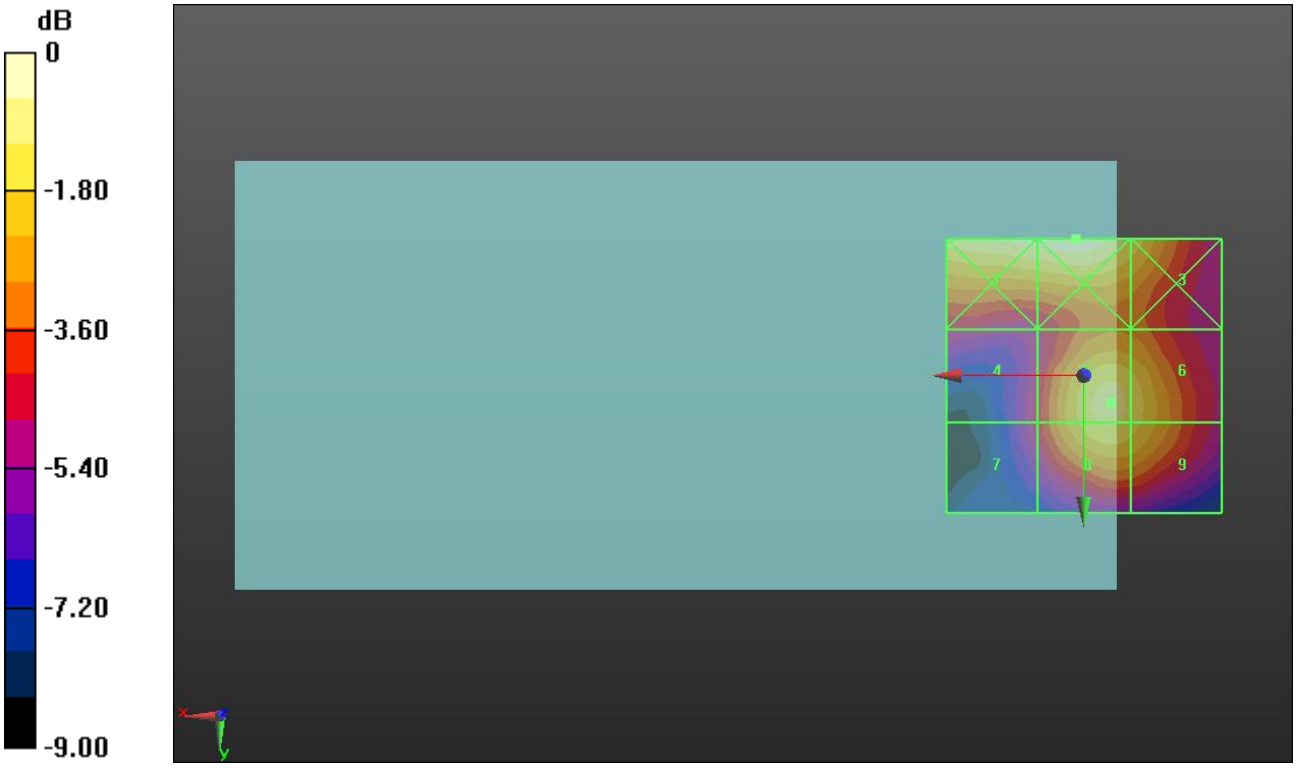
Communication System: UID 10173 - CAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM); Frequency: 3690 MHz; Duty Cycle: 1:8.8736
Phantom section: RF Section
DASY5 Configuration:
- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3690 MHz; Calibrated: 3/18/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

LTE Band 48 ANT 9 E-Field measurement/SC-FDMA 1RB 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 = 22.98 V/m; Power Drift = 0.06 dB
Applied MIF = -1.44 dB
RF audio interference level = 22.78 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.52 dBV/m**	Grid 2 **M4** **23.77 dBV/m**	Grid 3 **M4** **22.58 dBV/m**
Grid 4 **M4** **19.24 dBV/m**	Grid 5 **M4** **22.78 dBV/m**	Grid 6 **M4** **22.41 dBV/m**
Grid 7 **M4** **19.21 dBV/m**	Grid 8 **M4** **22.64 dBV/m**	Grid 9 **M4** **22.29 dBV/m**



0 dB = 15.43 V/m = 23.77 dBV/m