HAC-RF Emission

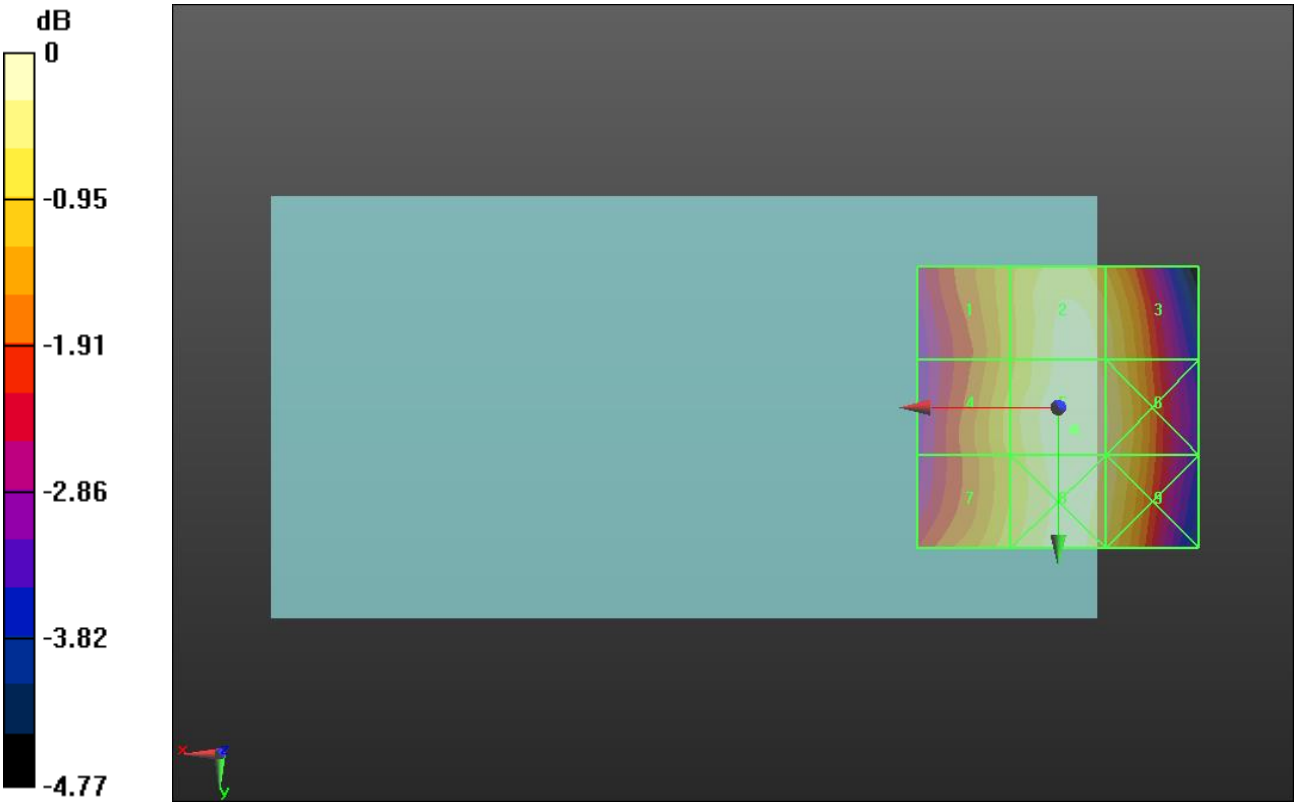
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 75.35 V/m; Power Drift = 0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 39.20 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **38.19 dBV/m**	Grid 2 **M4** **39.05 dBV/m**	Grid 3 **M4** **38.76 dBV/m**
Grid 4 **M4** **38.4 dBV/m**	Grid 5 **M4** **39.2 dBV/m**	Grid 6 **M4** **38.93 dBV/m**
Grid 7 **M4** **38.48 dBV/m**	Grid 8 **M4** **39.12 dBV/m**	Grid 9 **M4** **38.84 dBV/m**



0 dB = 91.16 V/m = 39.20 dBV/m

HAC-RF Emission

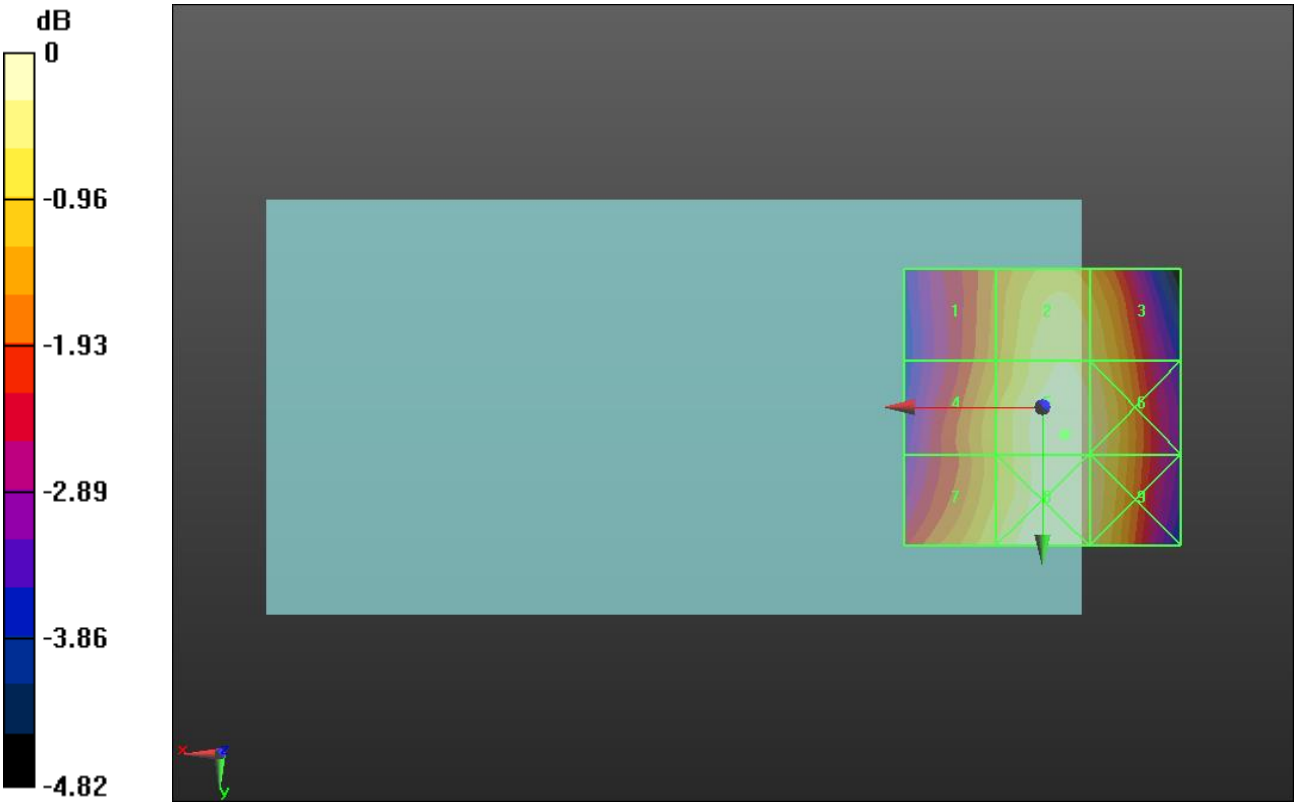
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 73.44 V/m; Power Drift = 0.00 dB
Applied MIF = 3.63 dB
RF audio interference level = 39.07 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **37.68 dBV/m**	Grid 2 **M4** **38.74 dBV/m**	Grid 3 **M4** **38.54 dBV/m**
Grid 4 **M4** **38.12 dBV/m**	Grid 5 **M4** **39.07 dBV/m**	Grid 6 **M4** **38.85 dBV/m**
Grid 7 **M4** **38.44 dBV/m**	Grid 8 **M4** **39.05 dBV/m**	Grid 9 **M4** **38.77 dBV/m**



0 dB = 89.82 V/m = 39.07 dBV/m

HAC-RF Emission

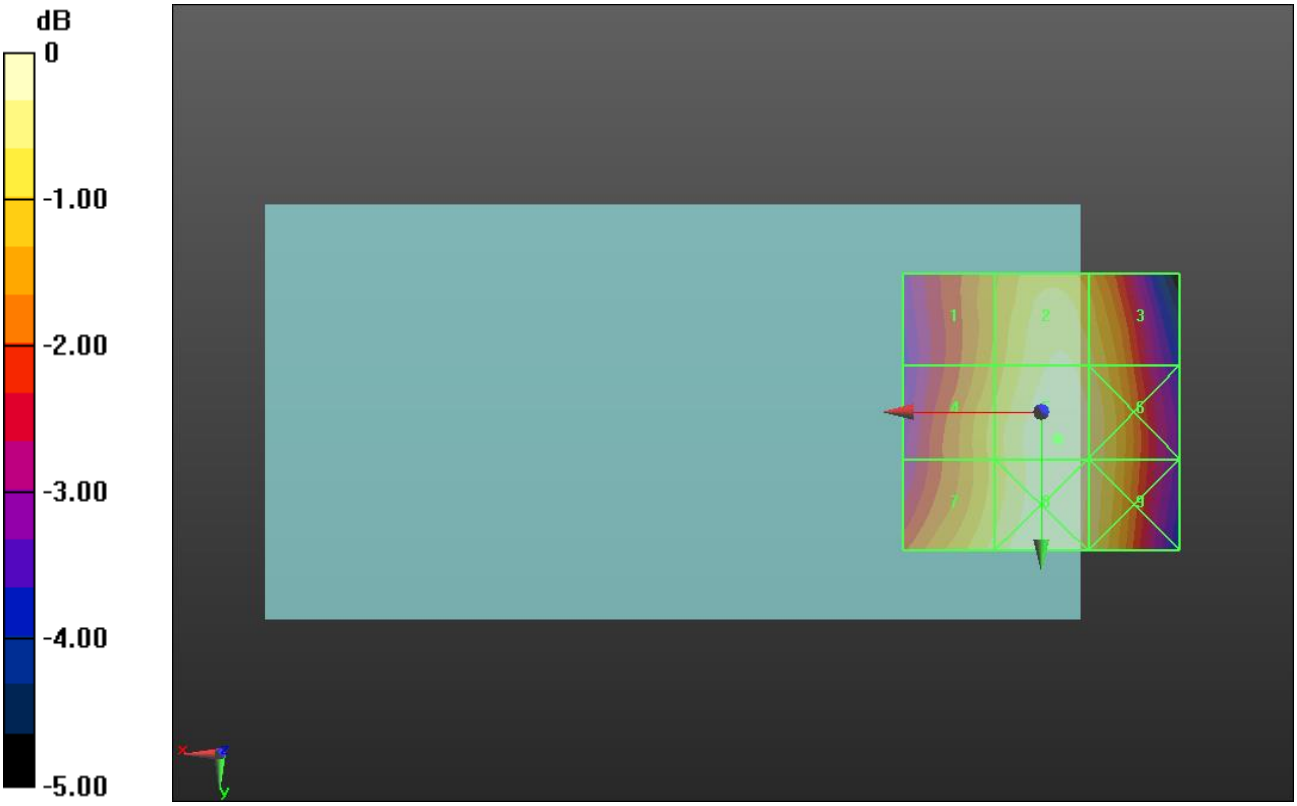
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 71.22 V/m; Power Drift = -0.02 dB
Applied MIF = 3.63 dB
RF audio interference level = 38.76 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **37.54 dBV/m**	Grid 2 **M4** **38.49 dBV/m**	Grid 3 **M4** **38.24 dBV/m**
Grid 4 **M4** **37.94 dBV/m**	Grid 5 **M4** **38.76 dBV/m**	Grid 6 **M4** **38.47 dBV/m**
Grid 7 **M4** **38.23 dBV/m**	Grid 8 **M4** **38.75 dBV/m**	Grid 9 **M4** **38.45 dBV/m**



0 dB = 86.74 V/m = 38.76 dBV/m

HAC-RF Emission

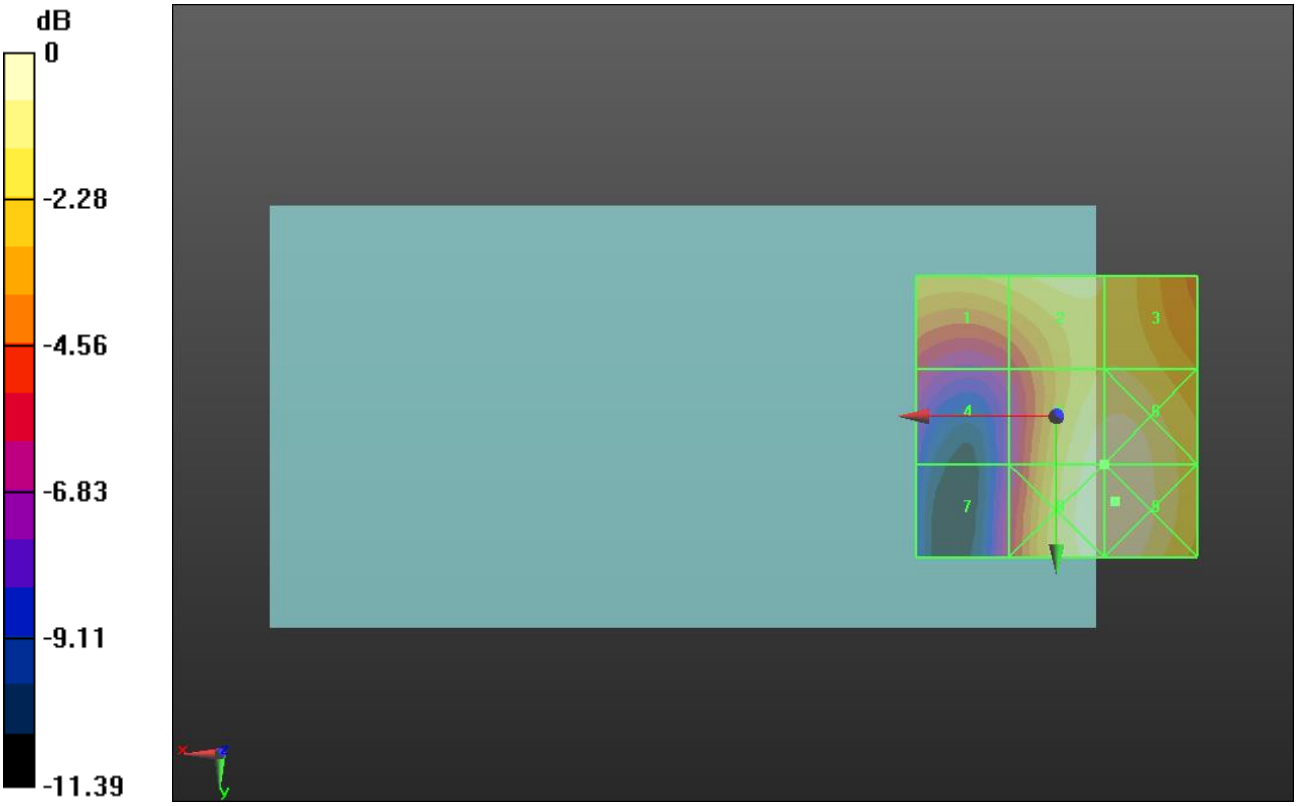
Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 22.82 V/m; Power Drift = -0.08 dB
Applied MIF = 3.63 dB
RF audio interference level = 31.03 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **29.42 dBV/m**	Grid 2 **M3** **30.1 dBV/m**	Grid 3 **M4** **29.78 dBV/m**
Grid 4 **M4** **25.72 dBV/m**	Grid 5 **M3** **31.03 dBV/m**	Grid 6 **M3** **31.12 dBV/m**
Grid 7 **M4** **25.36 dBV/m**	Grid 8 **M3** **31.2 dBV/m**	Grid 9 **M3** **31.26 dBV/m**



0 dB = 36.57 V/m = 31.26 dBV/m

HAC-RF Emission

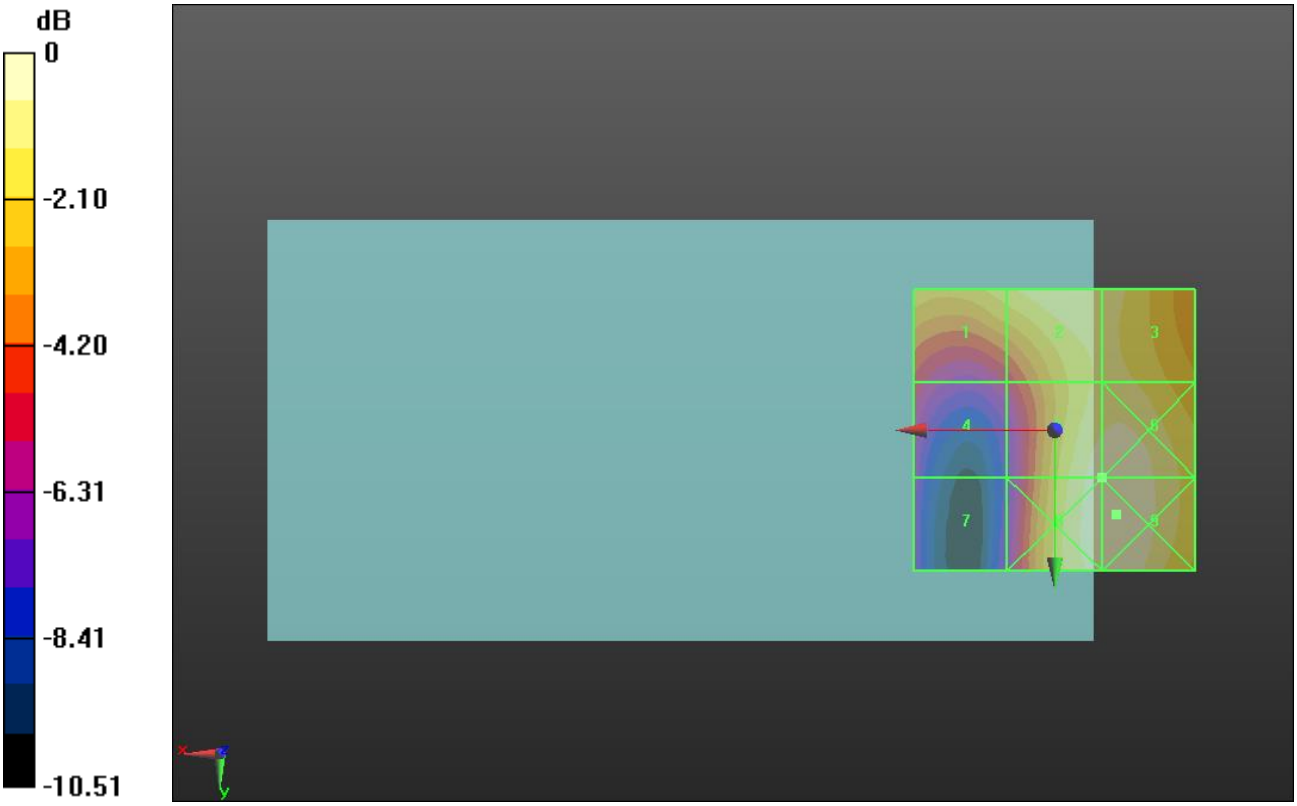
Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

GSM1900 E-Field measurement/Voice_ch 661/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 19.86 V/m; Power Drift = -0.10 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.98 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.65 dBV/m**	Grid 2 **M4** **29.6 dBV/m**	Grid 3 **M4** **29.36 dBV/m**
Grid 4 **M4** **25.24 dBV/m**	Grid 5 **M4** **29.98 dBV/m**	Grid 6 **M3** **30.12 dBV/m**
Grid 7 **M4** **23.79 dBV/m**	Grid 8 **M3** **30.15 dBV/m**	Grid 9 **M3** **30.28 dBV/m**



0 dB = 32.64 V/m = 30.28 dBV/m

HAC-RF Emission

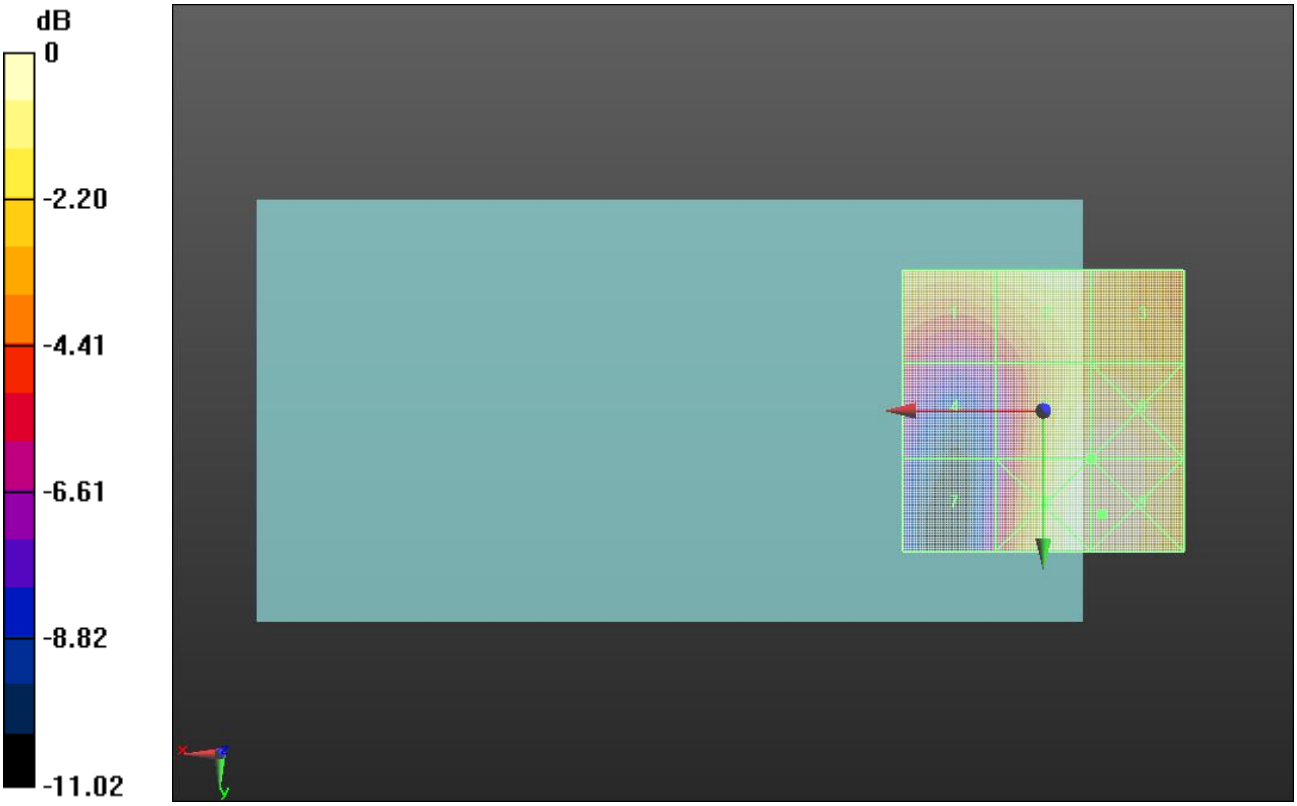
Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

GSM1900 E-Field measurement/Voice_ch 810/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 18.94 V/m; Power Drift = -0.10 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.89 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.37 dBV/m**	Grid 2 **M4** **29.22 dBV/m**	Grid 3 **M4** **29.04 dBV/m**
Grid 4 **M4** **25.25 dBV/m**	Grid 5 **M4** **29.89 dBV/m**	Grid 6 **M3** **30.05 dBV/m**
Grid 7 **M4** **24.14 dBV/m**	Grid 8 **M3** **30.2 dBV/m**	Grid 9 **M3** **30.28 dBV/m**



0 dB = 32.66 V/m = 30.28 dBV/m

HAC-RF Emission

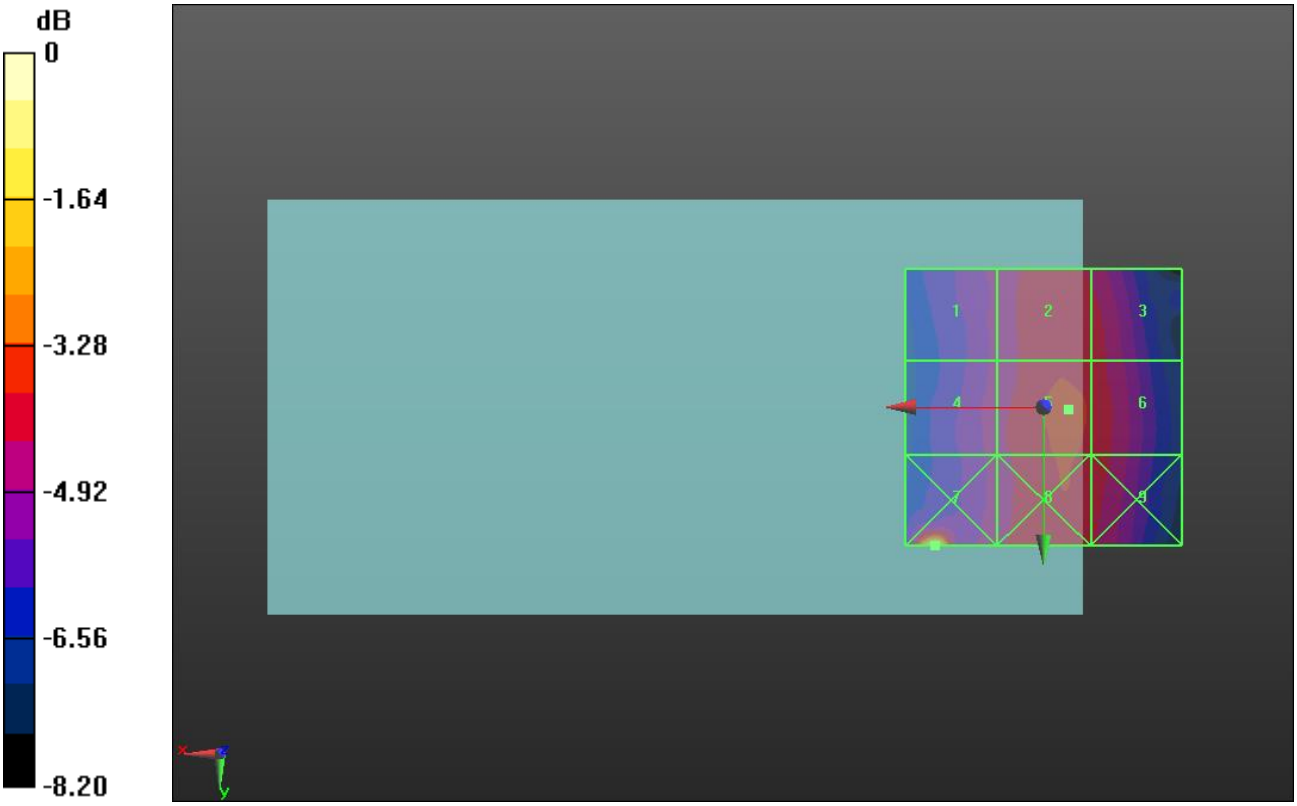
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC0 E-Field measurement/Voice_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 = 25.76 V/m; Power Drift = 0.01 dB
Applied MIF = 3.26 dB
RF audio interference level = 29.56 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.47 dBV/m**	Grid 2 **M4** **29.37 dBV/m**	Grid 3 **M4** **29.17 dBV/m**
Grid 4 **M4** **28.61 dBV/m**	Grid 5 **M4** **29.56 dBV/m**	Grid 6 **M4** **29.3 dBV/m**
Grid 7 **M4** **33.18 dBV/m**	Grid 8 **M4** **29.41 dBV/m**	Grid 9 **M4** **29.24 dBV/m**



0 dB = 45.60 V/m = 33.18 dBV/m

HAC-RF Emission

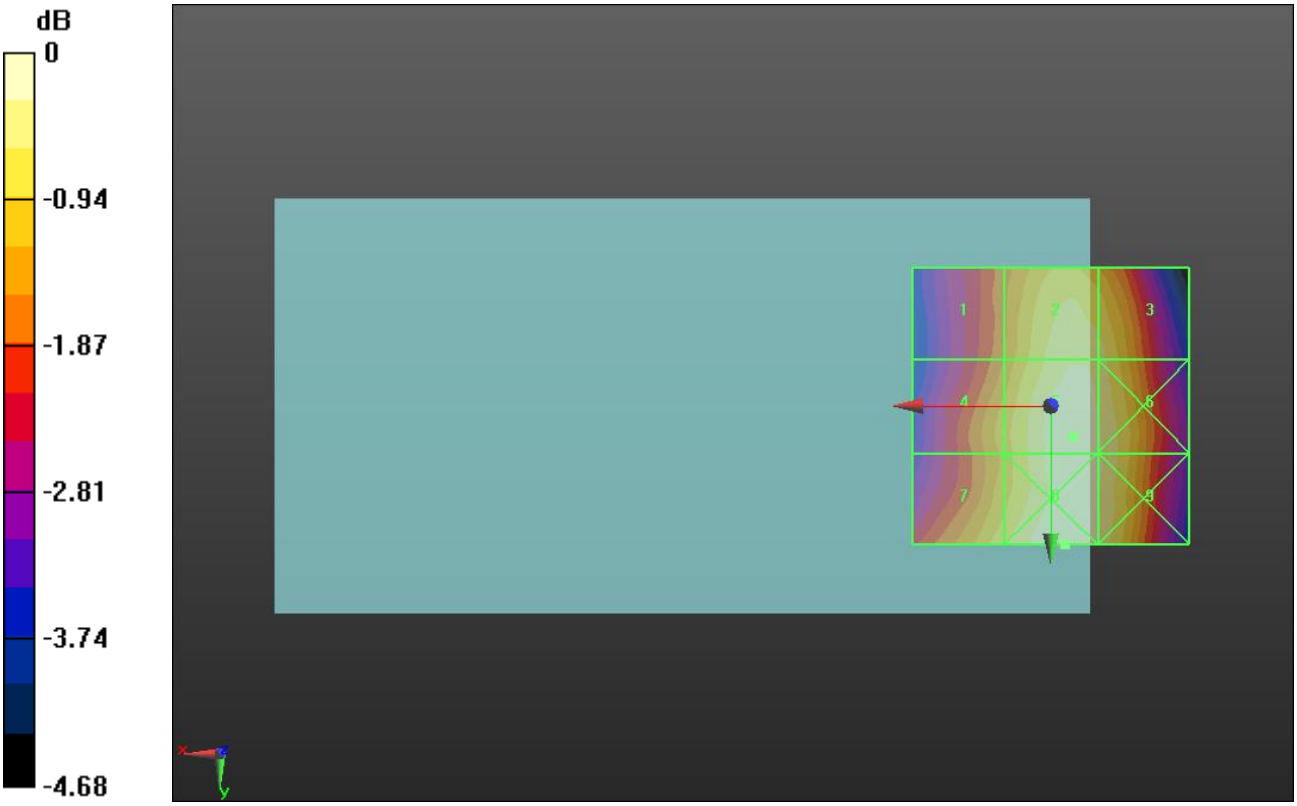
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC0 E-Field measurement/Voice_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 = 26.58 V/m; Power Drift = -0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 29.76 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.29 dBV/m**	Grid 2 **M4** **29.46 dBV/m**	Grid 3 **M4** **29.36 dBV/m**
Grid 4 **M4** **28.79 dBV/m**	Grid 5 **M4** **29.76 dBV/m**	Grid 6 **M4** **29.59 dBV/m**
Grid 7 **M4** **29.17 dBV/m**	Grid 8 **M4** **29.83 dBV/m**	Grid 9 **M4** **29.59 dBV/m**



0 dB = 31.03 V/m = 29.84 dBV/m

HAC-RF Emission

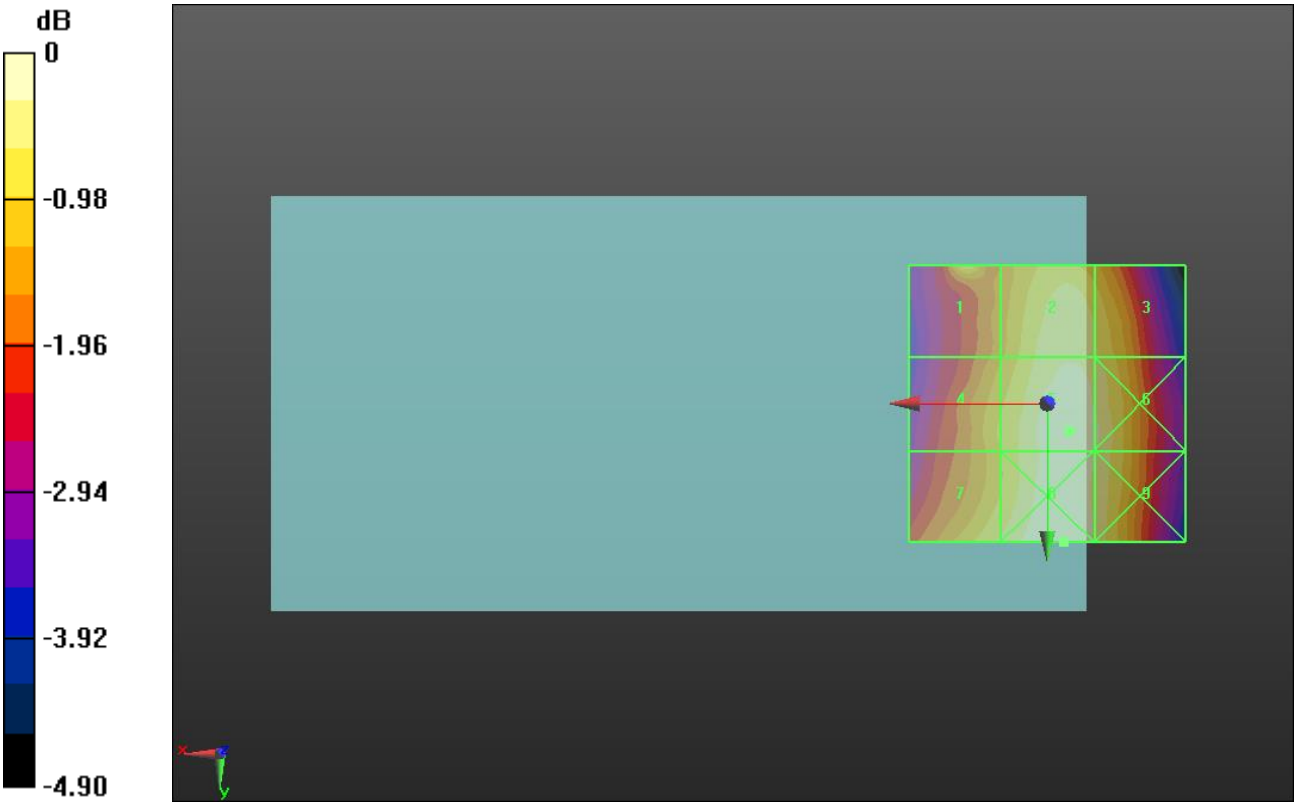
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC0 E-Field measurement/Voice_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 = 26.40 V/m; Power Drift = -0.02 dB
Applied MIF = 3.26 dB
RF audio interference level = 29.74 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **29.16 dBV/m**	Grid 2 **M4** **29.42 dBV/m**	Grid 3 **M4** **29.23 dBV/m**
Grid 4 **M4** **28.87 dBV/m**	Grid 5 **M4** **29.74 dBV/m**	Grid 6 **M4** **29.56 dBV/m**
Grid 7 **M4** **29.21 dBV/m**	Grid 8 **M4** **29.79 dBV/m**	Grid 9 **M4** **29.5 dBV/m**



0 dB = 30.87 V/m = 29.79 dBV/m

HAC-RF Emission

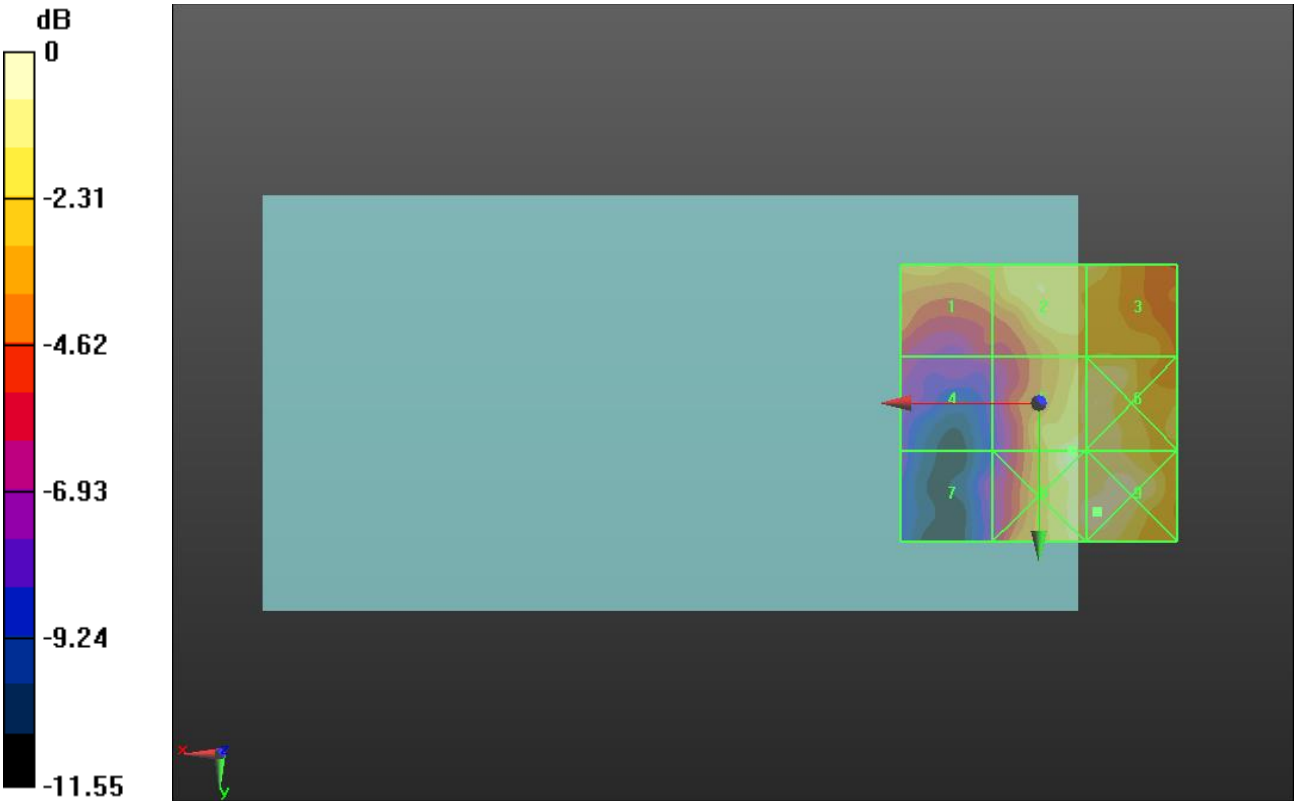
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC1 E-Field measurement/Voice_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 = 12.68 V/m; Power Drift = -0.08 dB
Applied MIF = 3.26 dB
RF audio interference level = 26.09 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **24.91 dBV/m**	Grid 2 **M4** **25.69 dBV/m**	Grid 3 **M4** **25.73 dBV/m**
Grid 4 **M4** **21.07 dBV/m**	Grid 5 **M4** **26.09 dBV/m**	Grid 6 **M4** **26.21 dBV/m**
Grid 7 **M4** **19.96 dBV/m**	Grid 8 **M4** **26.63 dBV/m**	Grid 9 **M4** **26.97 dBV/m**



0 dB = 22.30 V/m = 26.97 dBV/m

HAC-RF Emission

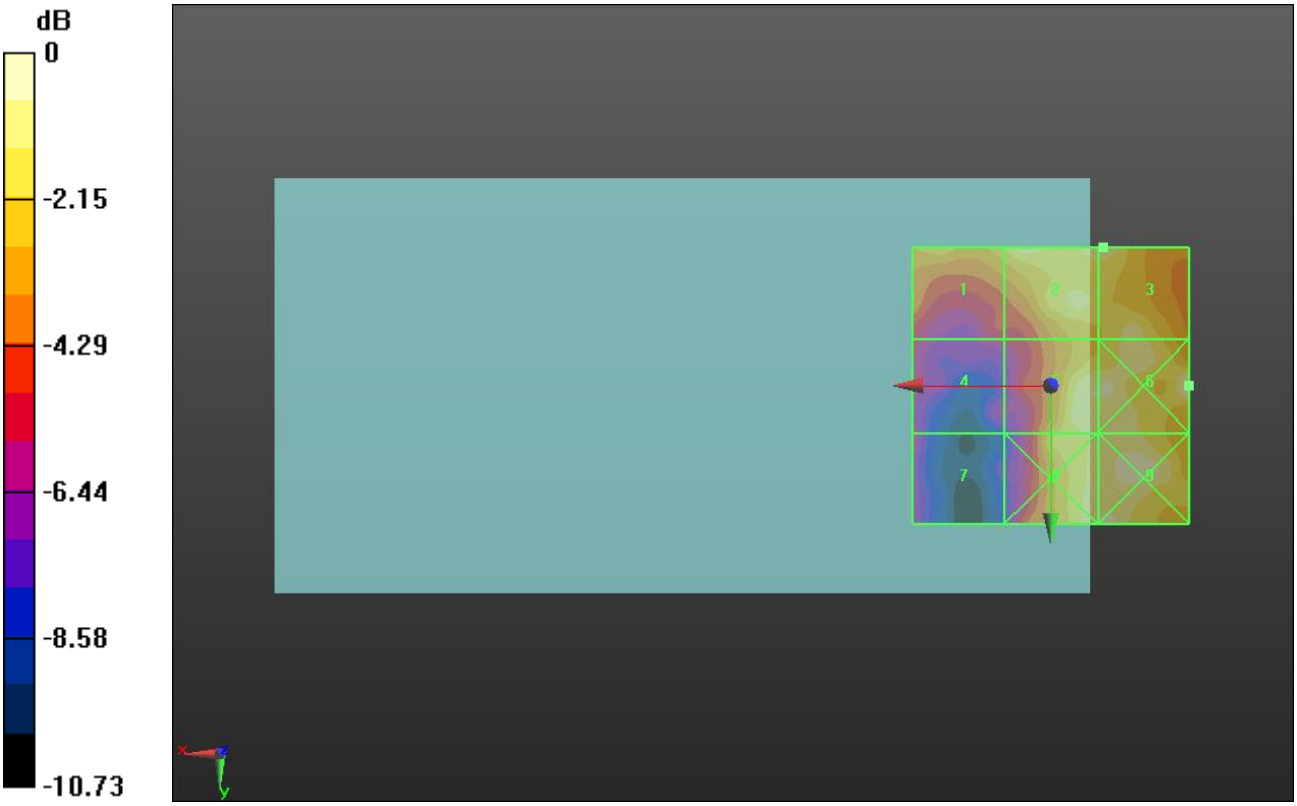
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC1 E-Field measurement/Voice_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 = 10.98 V/m; Power Drift = 1.01 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.26 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.73 dBV/m**	Grid 2 **M4** **25.2 dBV/m**	Grid 3 **M4** **25.26 dBV/m**
Grid 4 **M4** **20.63 dBV/m**	Grid 5 **M4** **25.25 dBV/m**	Grid 6 **M4** **25.91 dBV/m**
Grid 7 **M4** **20.22 dBV/m**	Grid 8 **M4** **25.45 dBV/m**	Grid 9 **M4** **25.82 dBV/m**



0 dB = 19.75 V/m = 25.91 dBV/m

HAC-RF Emission

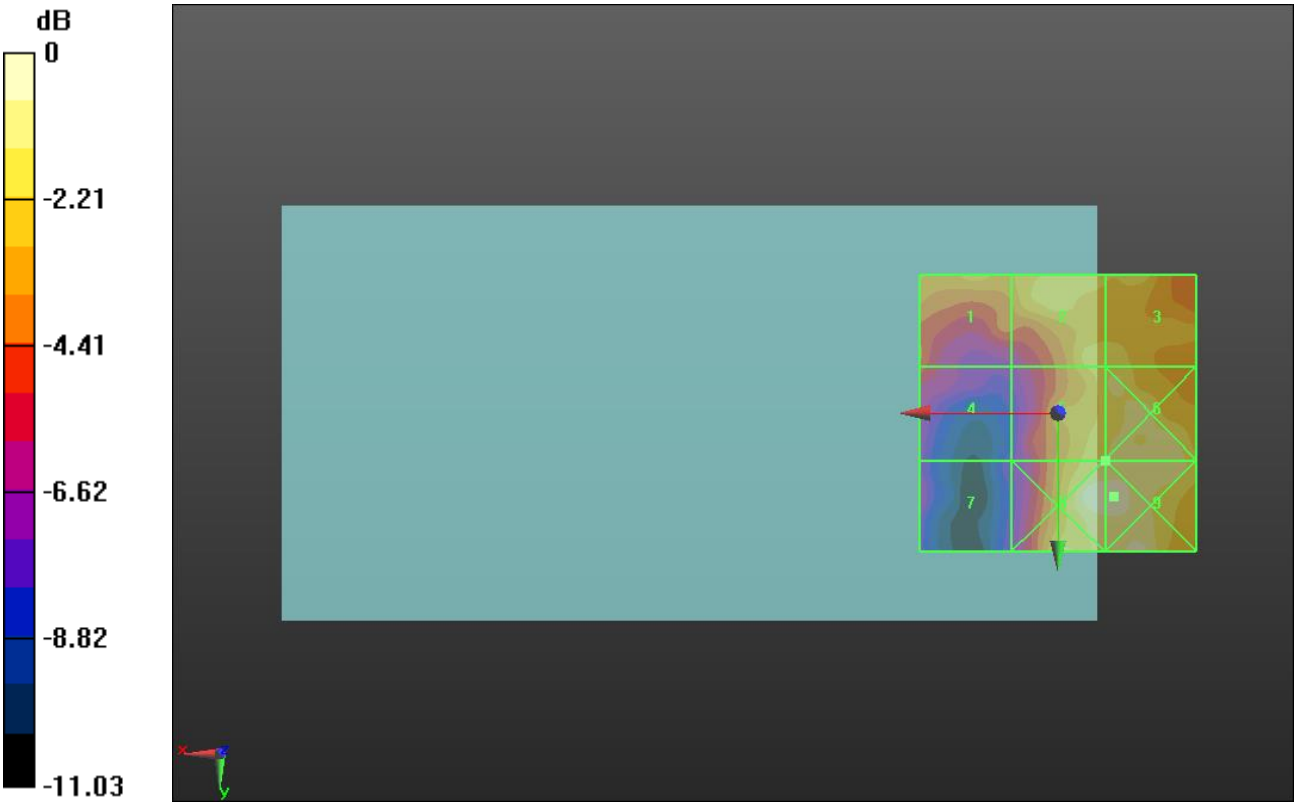
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC1 E-Field measurement/Voice_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 = 10.39 V/m; Power Drift = 0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 24.50 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.57 dBV/m**	Grid 2 **M4** **24.35 dBV/m**	Grid 3 **M4** **24.37 dBV/m**
Grid 4 **M4** **21.37 dBV/m**	Grid 5 **M4** **24.5 dBV/m**	Grid 6 **M4** **25.09 dBV/m**
Grid 7 **M4** **19.6 dBV/m**	Grid 8 **M4** **25.8 dBV/m**	Grid 9 **M4** **25.91 dBV/m**



0 dB = 19.75 V/m = 25.91 dBV/m

HAC-RF Emission (With Smart Cover)

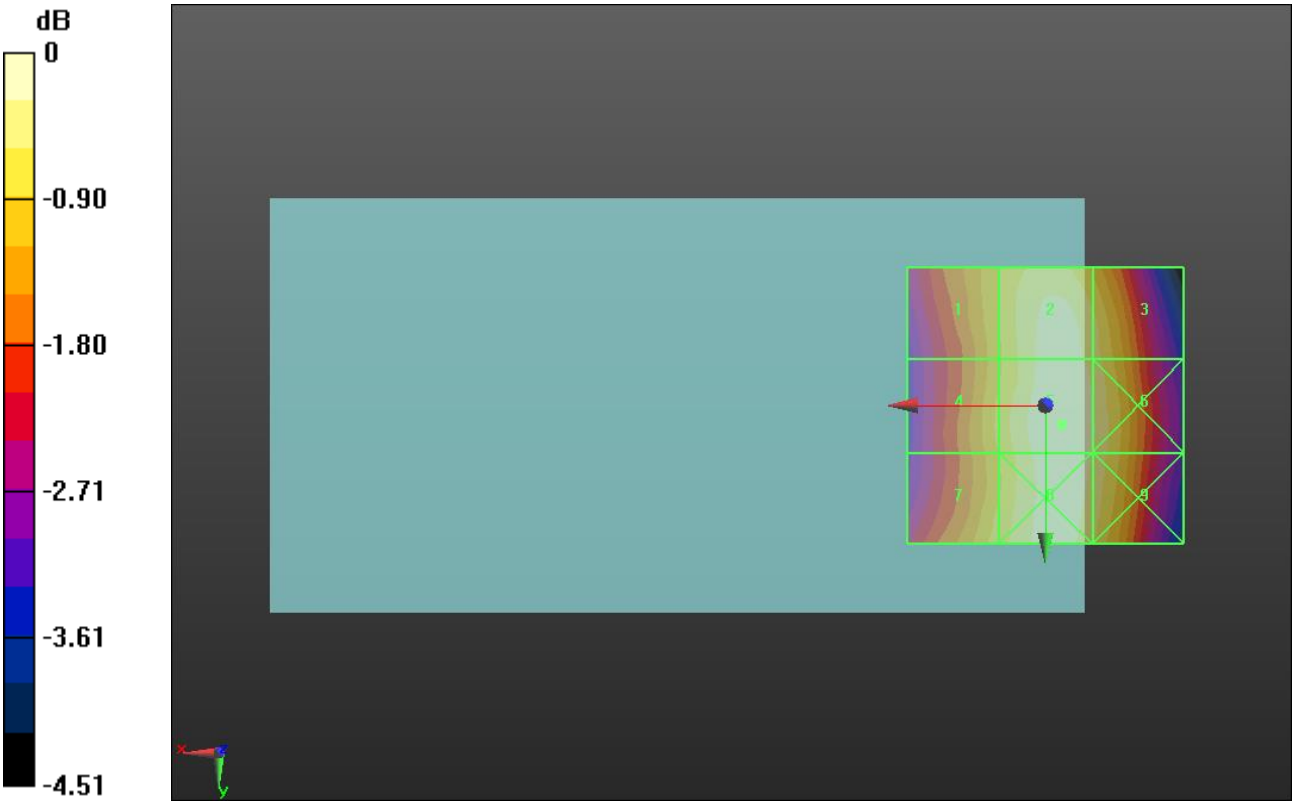
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 62.89 V/m; Power Drift = 0.05 dB
Applied MIF = 3.63 dB
RF audio interference level = 37.73 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **36.84 dBV/m**	Grid 2 **M4** **37.59 dBV/m**	Grid 3 **M4** **37.31 dBV/m**
Grid 4 **M4** **36.91 dBV/m**	Grid 5 **M4** **37.73 dBV/m**	Grid 6 **M4** **37.47 dBV/m**
Grid 7 **M4** **37.01 dBV/m**	Grid 8 **M4** **37.66 dBV/m**	Grid 9 **M4** **37.42 dBV/m**



0 dB = 76.99 V/m = 37.73 dBV/m

HAC-RF Emission (With Smart Cover)

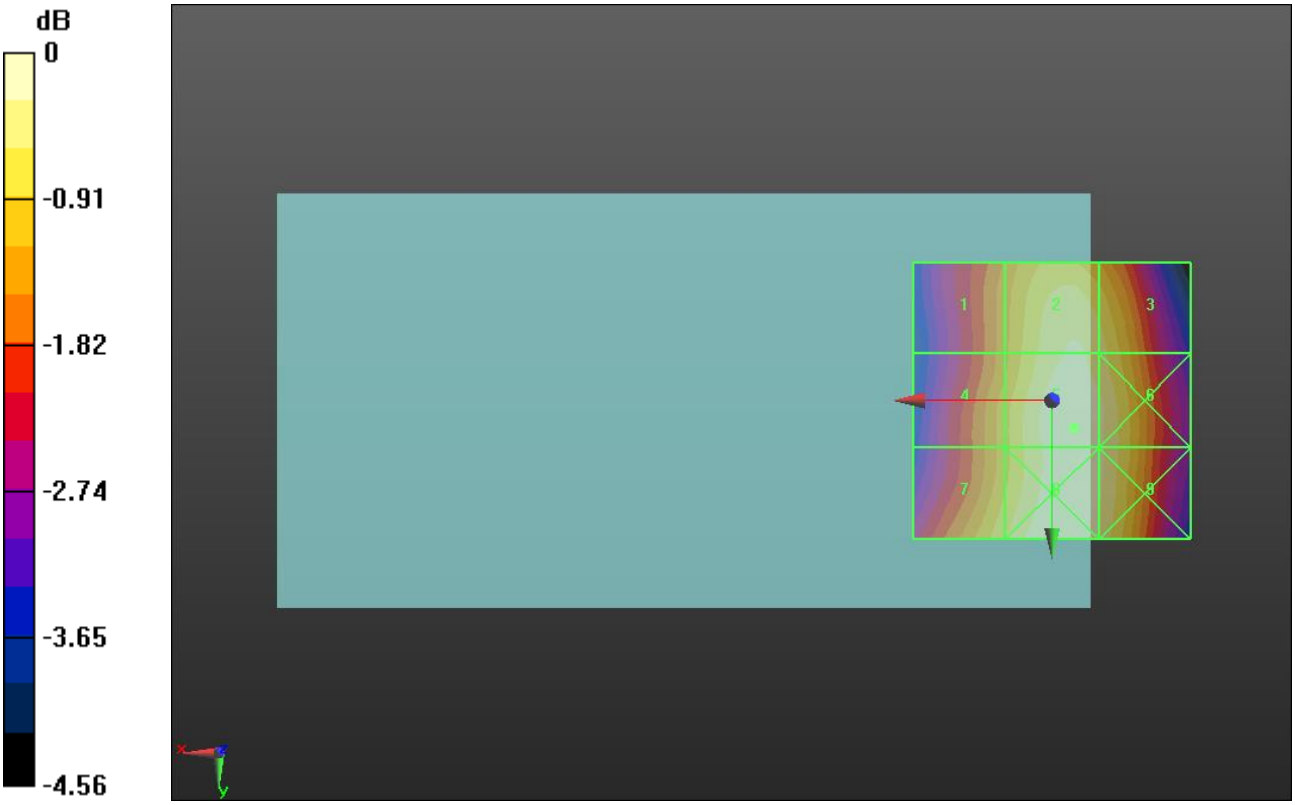
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 64.26 V/m; Power Drift = -0.04 dB
Applied MIF = 3.63 dB
RF audio interference level = 37.99 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **36.7 dBV/m**	Grid 2 **M4** **37.73 dBV/m**	Grid 3 **M4** **37.54 dBV/m**
Grid 4 **M4** **36.99 dBV/m**	Grid 5 **M4** **37.99 dBV/m**	Grid 6 **M4** **37.77 dBV/m**
Grid 7 **M4** **37.38 dBV/m**	Grid 8 **M4** **37.99 dBV/m**	Grid 9 **M4** **37.77 dBV/m**



0 dB = 79.35 V/m = 37.99 dBV/m

HAC-RF Emission (With Smart Cover)

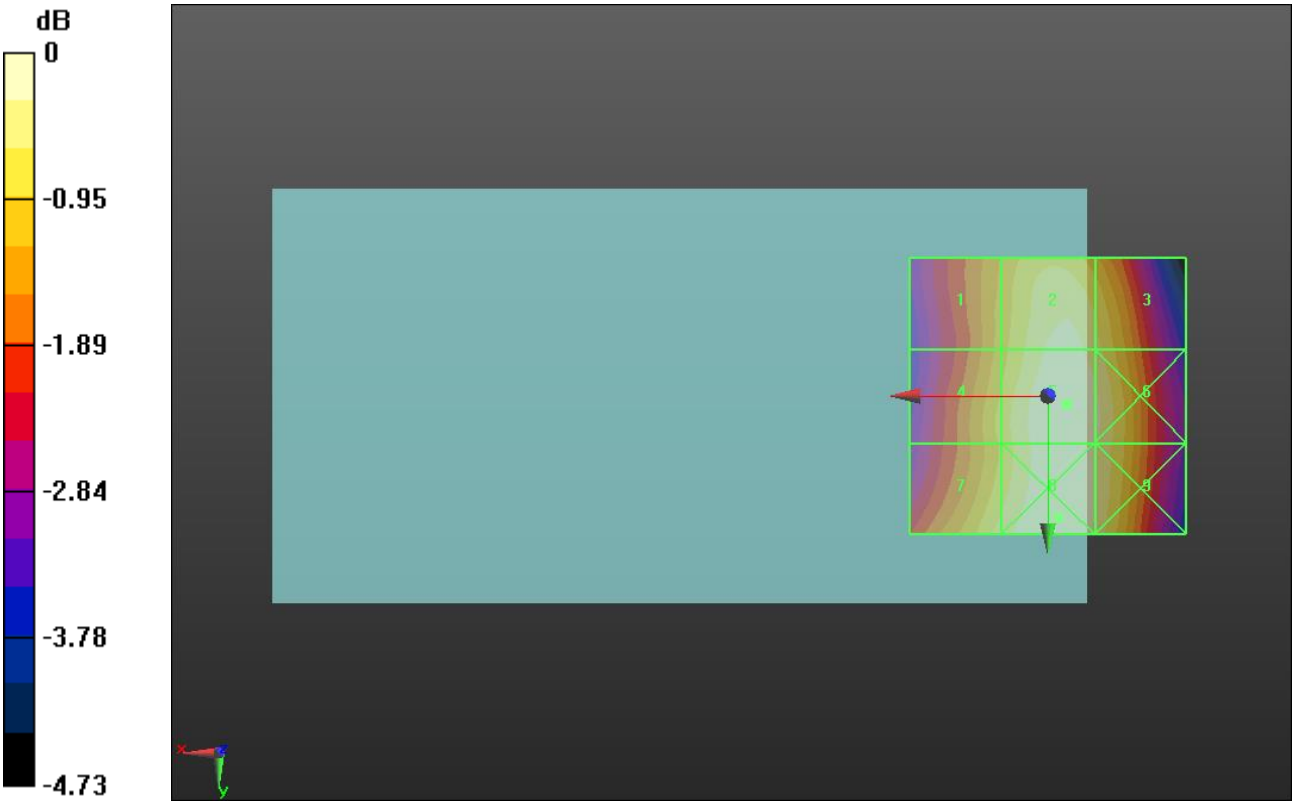
Communication System: UID 10021 - CAA, GSM-FDD (TDMA, GMSK); Frequency: 848.6 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

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 = 65.52 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 38.06 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **36.97 dBV/m**	Grid 2 **M4** **37.87 dBV/m**	Grid 3 **M4** **37.59 dBV/m**
Grid 4 **M4** **37.25 dBV/m**	Grid 5 **M4** **38.06 dBV/m**	Grid 6 **M4** **37.85 dBV/m**
Grid 7 **M4** **37.6 dBV/m**	Grid 8 **M4** **38.07 dBV/m**	Grid 9 **M4** **37.79 dBV/m**



0 dB = 80.10 V/m = 38.07 dBV/m

HAC-RF Emission (With Smart Cover)

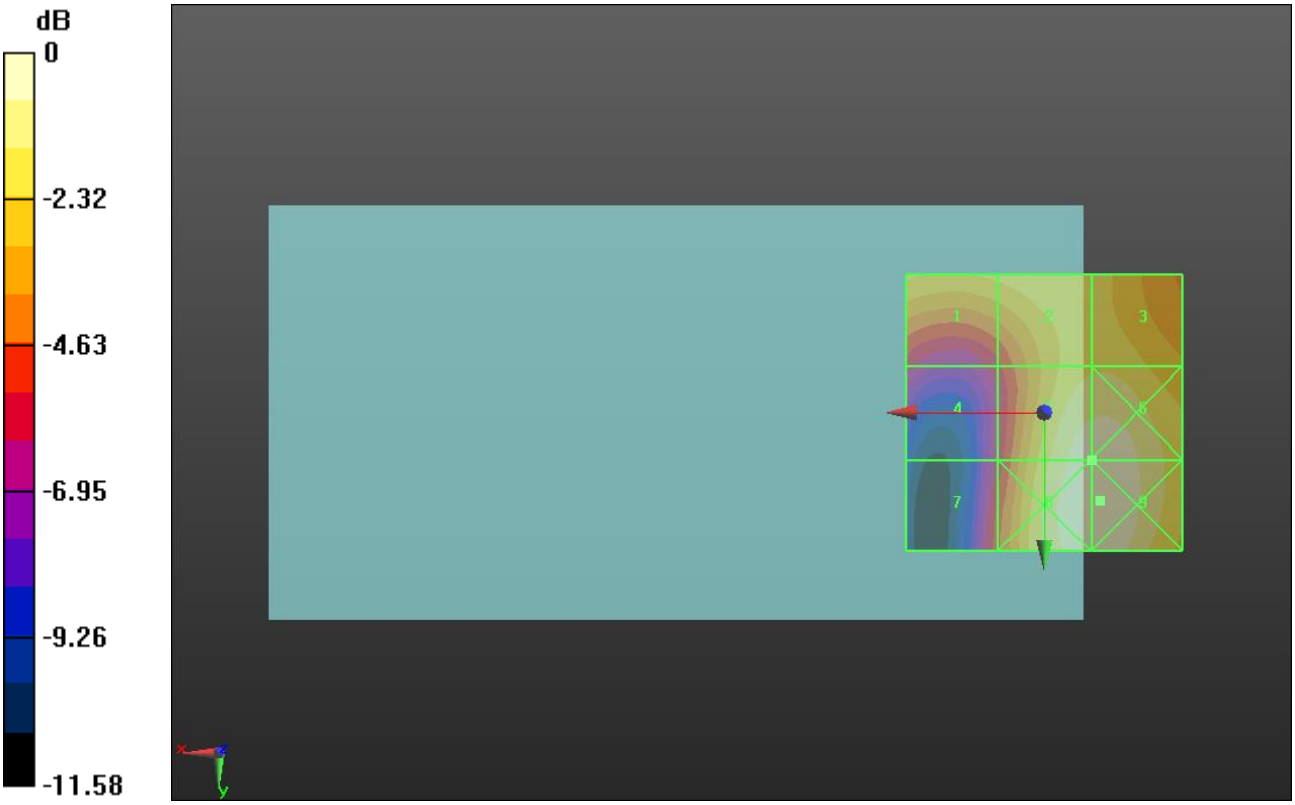
Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1850.2 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

GSM1900 E-Field measurement/Voice_ch 512/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 21.93 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 30.46 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M4** **28.65 dBV/m**	Grid 2 **M4** **29.12 dBV/m**	Grid 3 **M4** **29.05 dBV/m**
Grid 4 **M4** **25.1 dBV/m**	Grid 5 **M3** **30.46 dBV/m**	Grid 6 **M3** **30.51 dBV/m**
Grid 7 **M4** **25.77 dBV/m**	Grid 8 **M3** **30.69 dBV/m**	Grid 9 **M3** **30.71 dBV/m**



0 dB = 34.33 V/m = 30.71 dBV/m

HAC-RF Emission (With Smart Cover)

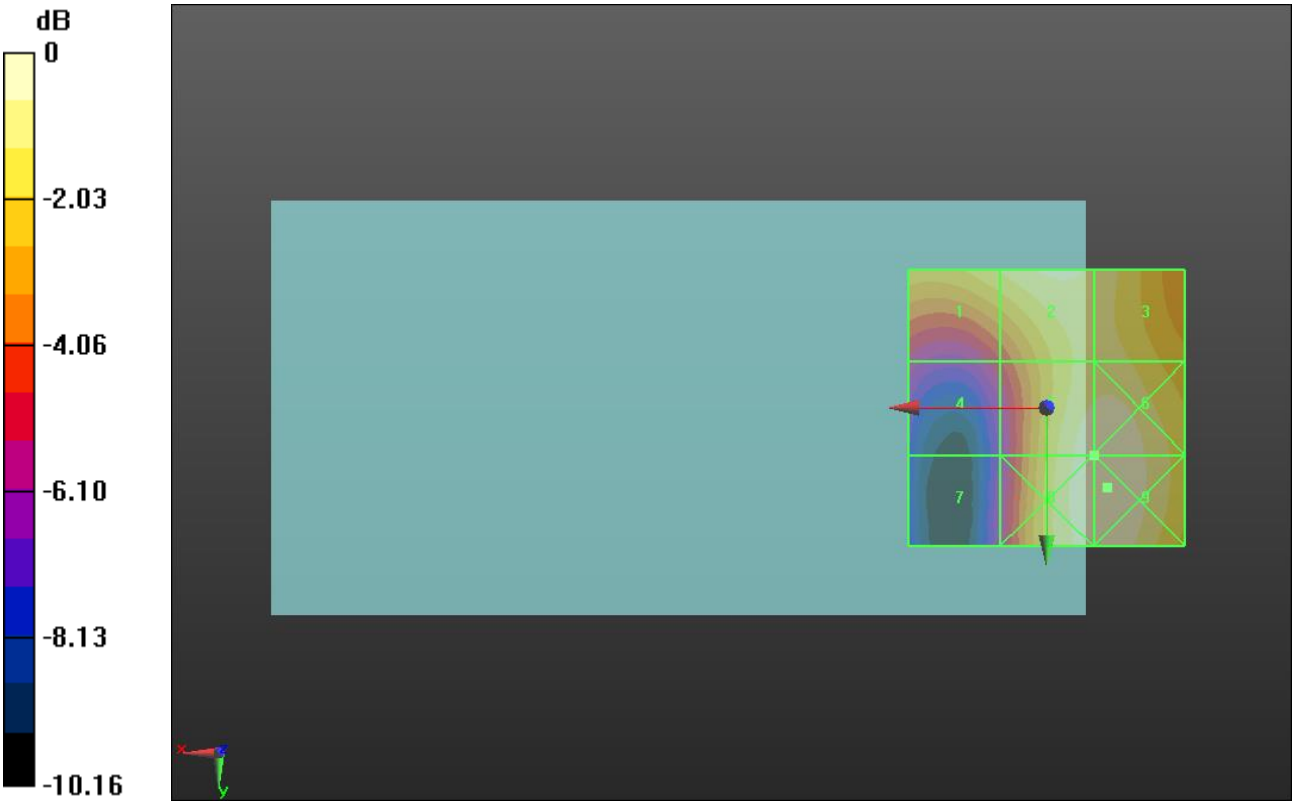
Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

GSM1900 E-Field measurement/Voice_ch 661/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 20.17 V/m; Power Drift = -0.01 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.74 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.67 dBV/m**	Grid 2 **M4** **29.42 dBV/m**	Grid 3 **M4** **29.12 dBV/m**
Grid 4 **M4** **25.15 dBV/m**	Grid 5 **M4** **29.74 dBV/m**	Grid 6 **M4** **29.85 dBV/m**
Grid 7 **M4** **23.9 dBV/m**	Grid 8 **M4** **29.85 dBV/m**	Grid 9 **M4** **29.93 dBV/m**



0 dB = 31.37 V/m = 29.93 dBV/m

HAC-RF Emission (With Smart Cover)

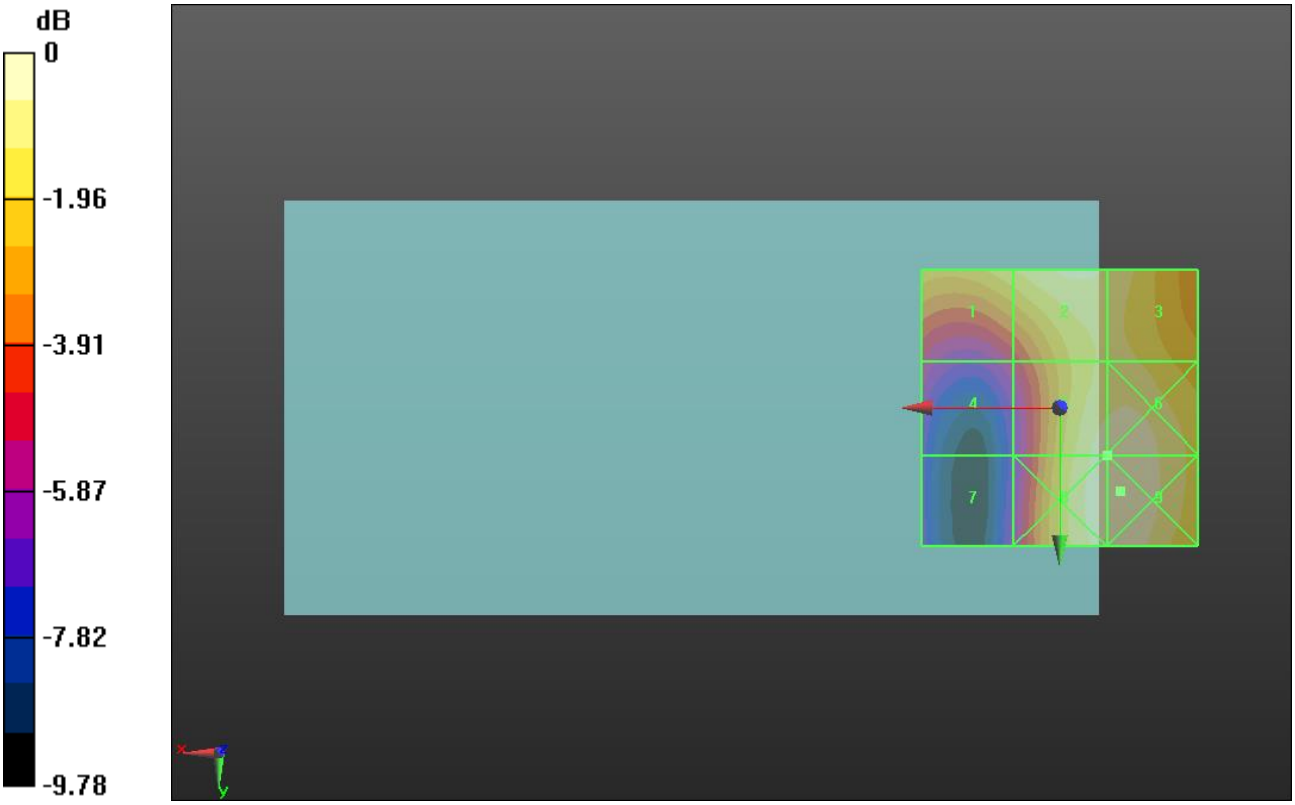
Communication System: UID 10021 - DAB, GSM-FDD (TDMA, GMSK); Frequency: 1909.8 MHz; Duty Cycle: 1:8
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

GSM1900 E-Field measurement/Voice_ch 810/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 18.40 V/m; Power Drift = 0.03 dB
Applied MIF = 3.63 dB
RF audio interference level = 29.24 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.18 dBV/m**	Grid 2 **M4** **29.06 dBV/m**	Grid 3 **M4** **28.82 dBV/m**
Grid 4 **M4** **24.52 dBV/m**	Grid 5 **M4** **29.24 dBV/m**	Grid 6 **M4** **29.38 dBV/m**
Grid 7 **M4** **23.35 dBV/m**	Grid 8 **M4** **29.41 dBV/m**	Grid 9 **M4** **29.52 dBV/m**



0 dB = 29.93 V/m = 29.52 dBV/m

HAC-RF Emission (With Smart Cover)

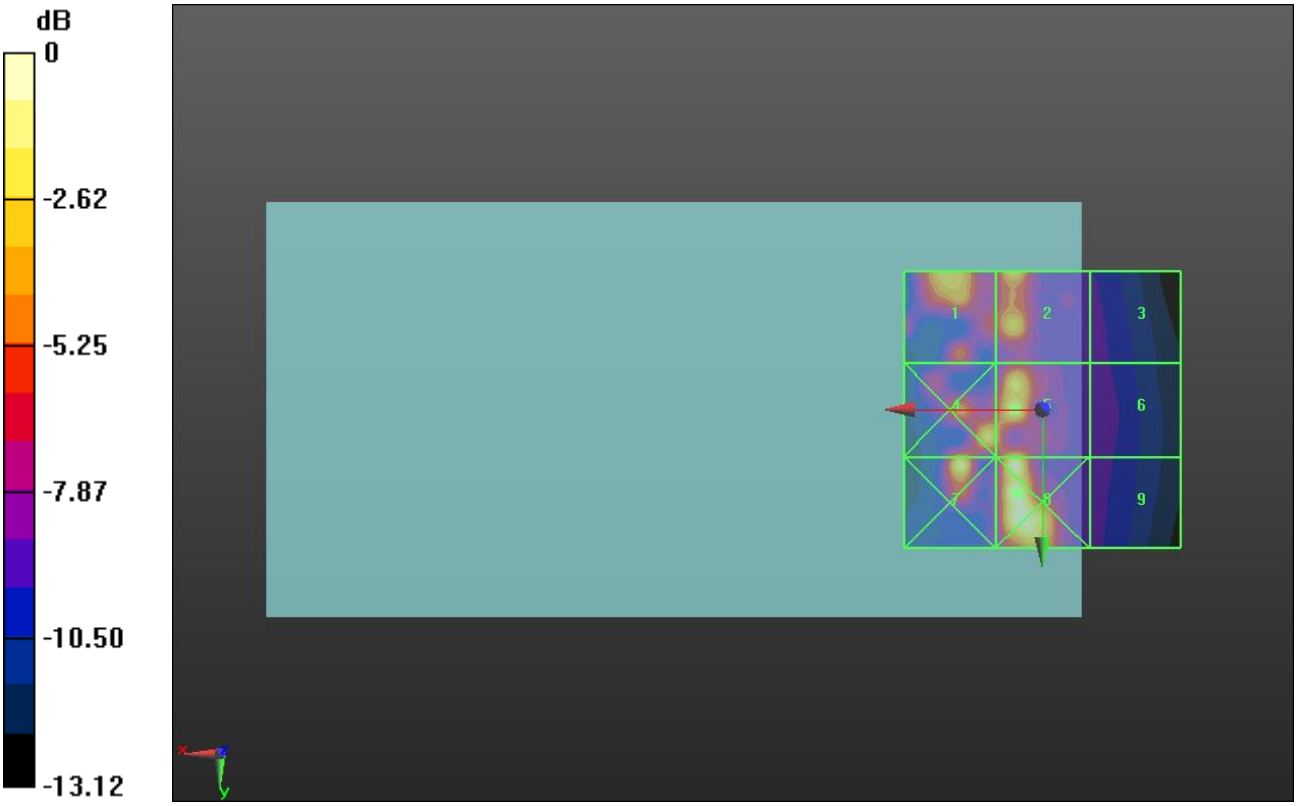
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 824.7 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC0 E-Field measurement/Voice_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 = 22.53 V/m; Power Drift = 0.00 dB
Applied MIF = 3.26 dB
RF audio interference level = 35.34 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **34.27 dBV/m**	Grid 2 **M4** **34.99 dBV/m**	Grid 3 **M4** **27.91 dBV/m**
Grid 4 **M4** **34.67 dBV/m**	Grid 5 **M4** **35.34 dBV/m**	Grid 6 **M4** **28.1 dBV/m**
Grid 7 **M4** **35.62 dBV/m**	Grid 8 **M4** **37.03 dBV/m**	Grid 9 **M4** **28.02 dBV/m**



0 dB = 71.05 V/m = 37.03 dBV/m

HAC-RF Emission (With Smart Cover)

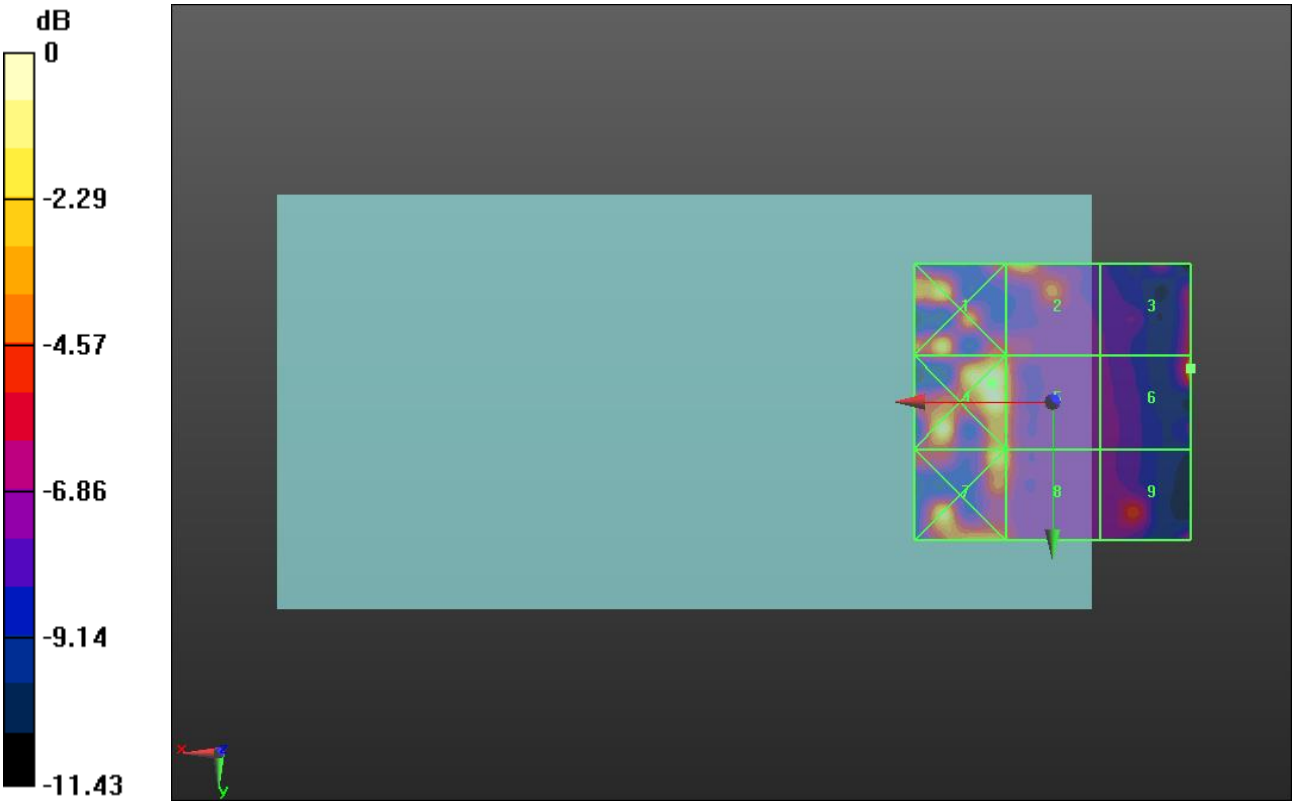
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 836.52 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC0 E-Field measurement/Voice_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 = 23.93 V/m; Power Drift = -0.05 dB
Applied MIF = 3.26 dB
RF audio interference level = 34.14 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **34.67 dBV/m**	Grid 2 **M4** **34.14 dBV/m**	Grid 3 **M4** **31.84 dBV/m**
Grid 4 **M4** **36.03 dBV/m**	Grid 5 **M4** **33.69 dBV/m**	Grid 6 **M4** **34.14 dBV/m**
Grid 7 **M4** **35.02 dBV/m**	Grid 8 **M4** **33.37 dBV/m**	Grid 9 **M4** **31.2 dBV/m**



0 dB = 63.33 V/m = 36.03 dBV/m

HAC-RF Emission (With Smart Cover)

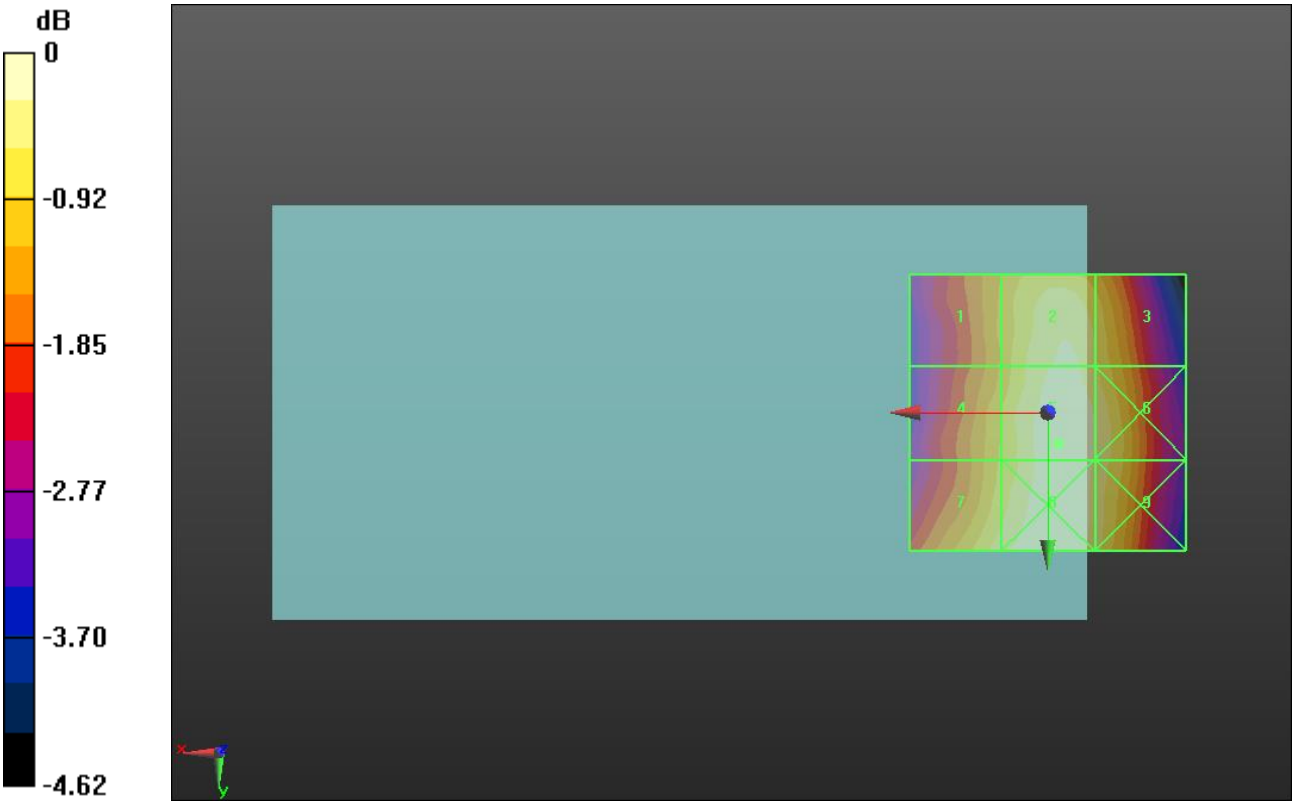
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 848.31 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC0 E-Field measurement/Voice_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 = 24.59 V/m; Power Drift = 0.10 dB
Applied MIF = 3.26 dB
RF audio interference level = 29.19 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **28.09 dBV/m**	Grid 2 **M4** **29 dBV/m**	Grid 3 **M4** **28.68 dBV/m**
Grid 4 **M4** **28.35 dBV/m**	Grid 5 **M4** **29.19 dBV/m**	Grid 6 **M4** **28.96 dBV/m**
Grid 7 **M4** **28.81 dBV/m**	Grid 8 **M4** **29.24 dBV/m**	Grid 9 **M4** **28.91 dBV/m**



0 dB = 28.96 V/m = 29.24 dBV/m

HAC-RF Emission (With Smart Cover)

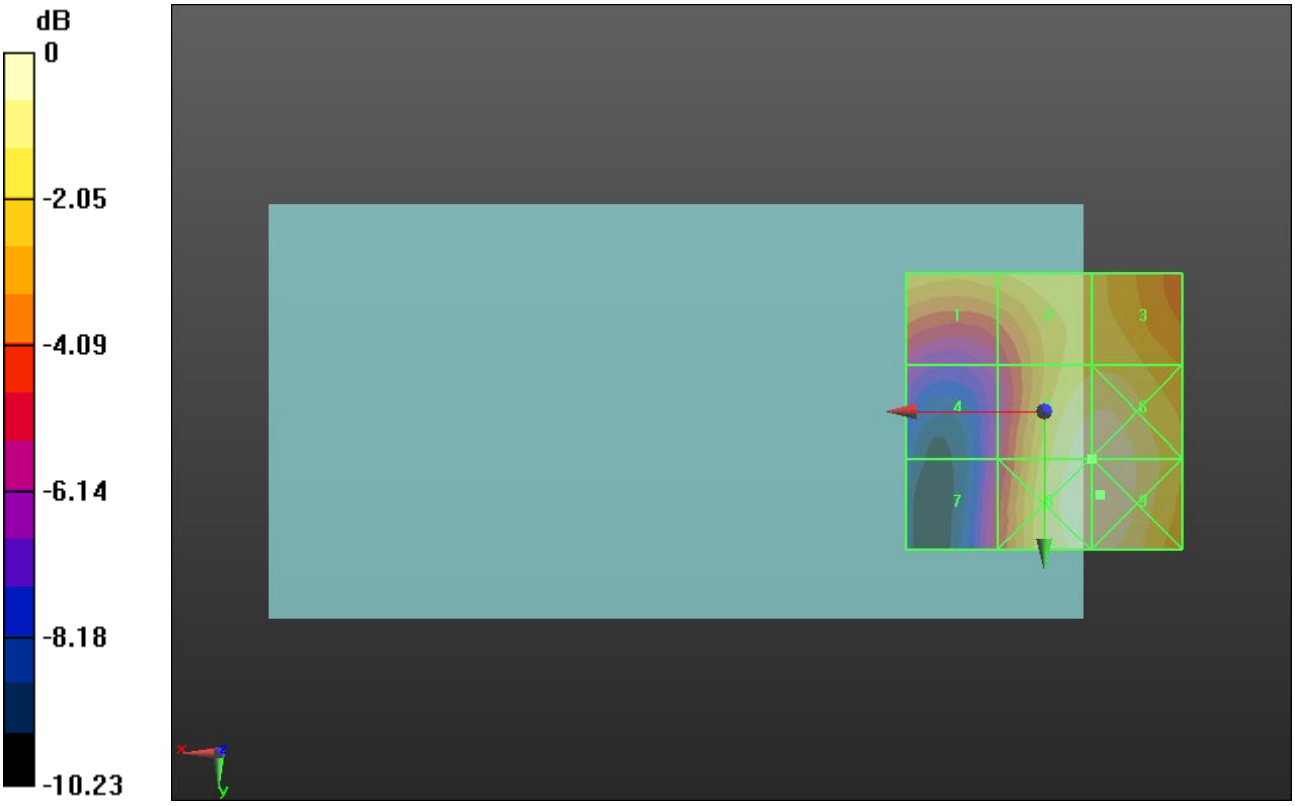
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1851.25 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC1 E-Field measurement/Voice_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 = 13.12 V/m; Power Drift = 0.06 dB
Applied MIF = 3.26 dB
RF audio interference level = 25.53 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.68 dBV/m**	Grid 2 **M4** **24.32 dBV/m**	Grid 3 **M4** **24.26 dBV/m**
Grid 4 **M4** **20.23 dBV/m**	Grid 5 **M4** **25.53 dBV/m**	Grid 6 **M4** **25.56 dBV/m**
Grid 7 **M4** **20.82 dBV/m**	Grid 8 **M4** **25.73 dBV/m**	Grid 9 **M4** **25.76 dBV/m**



0 dB = 19.41 V/m = 25.76 dBV/m

HAC-RF Emission (With Smart Cover)

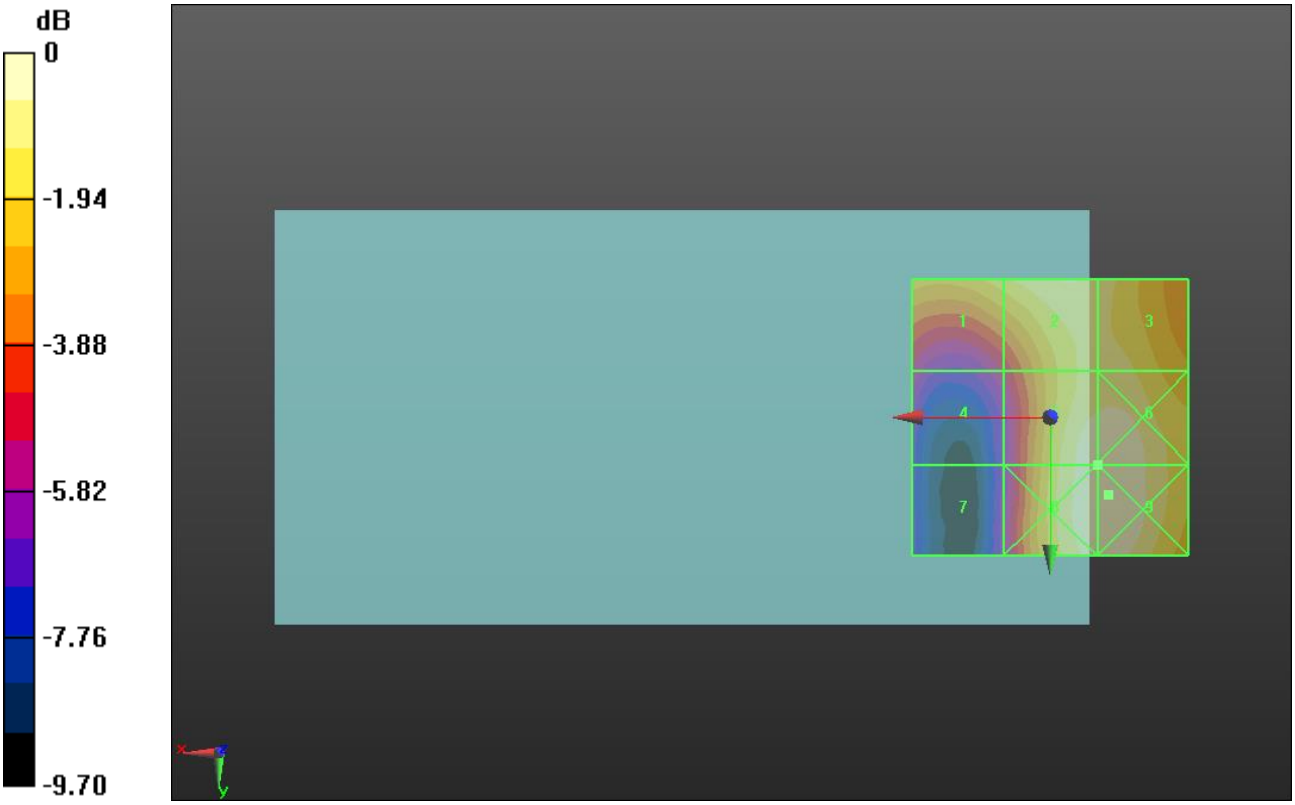
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC1 E-Field measurement/Voice_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 = 12.07 V/m; Power Drift = -0.00 dB
Applied MIF = 3.26 dB
RF audio interference level = 24.83 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **23.43 dBV/m**	Grid 2 **M4** **24.38 dBV/m**	Grid 3 **M4** **24.1 dBV/m**
Grid 4 **M4** **19.89 dBV/m**	Grid 5 **M4** **24.83 dBV/m**	Grid 6 **M4** **24.9 dBV/m**
Grid 7 **M4** **18.9 dBV/m**	Grid 8 **M4** **24.89 dBV/m**	Grid 9 **M4** **24.95 dBV/m**



0 dB = 17.68 V/m = 24.95 dBV/m

HAC-RF Emission (With Smart Cover)

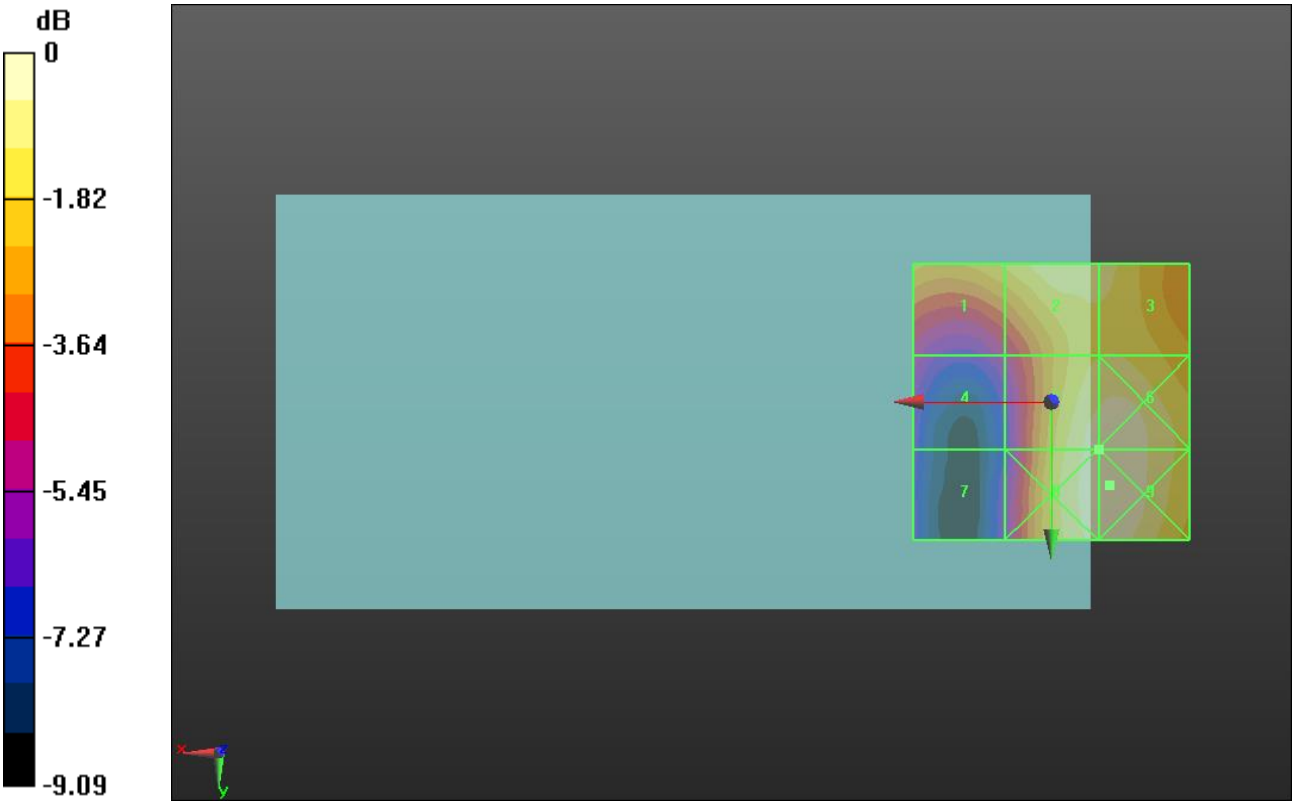
Communication System: UID 10295 - AAB, CDMA2000, RC1, SO3, 1/8th Rate 25 fr.; Frequency: 1908.75 MHz; Duty Cycle: 1:1
Phantom section: RF Section
DASY5 Configuration:
- Probe: ER3DV6 - SN2509; ConvF(1, 1, 1); Calibrated: 5/16/2014;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 1/14/2015
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

CDMA BC1 E-Field measurement/Voice_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 = 10.74 V/m; Power Drift = 0.00 dB
Applied MIF = 3.26 dB
RF audio interference level = 24.09 dBV/m
Emission category: M4

MIF scaled E-field

Grid 1 **M4** **22.71 dBV/m**	Grid 2 **M4** **23.73 dBV/m**	Grid 3 **M4** **23.55 dBV/m**
Grid 4 **M4** **19.39 dBV/m**	Grid 5 **M4** **24.09 dBV/m**	Grid 6 **M4** **24.21 dBV/m**
Grid 7 **M4** **18.43 dBV/m**	Grid 8 **M4** **24.26 dBV/m**	Grid 9 **M4** **24.36 dBV/m**



0 dB = 16.53 V/m = 24.37 dBV/m