HAC-RF Emission System Check

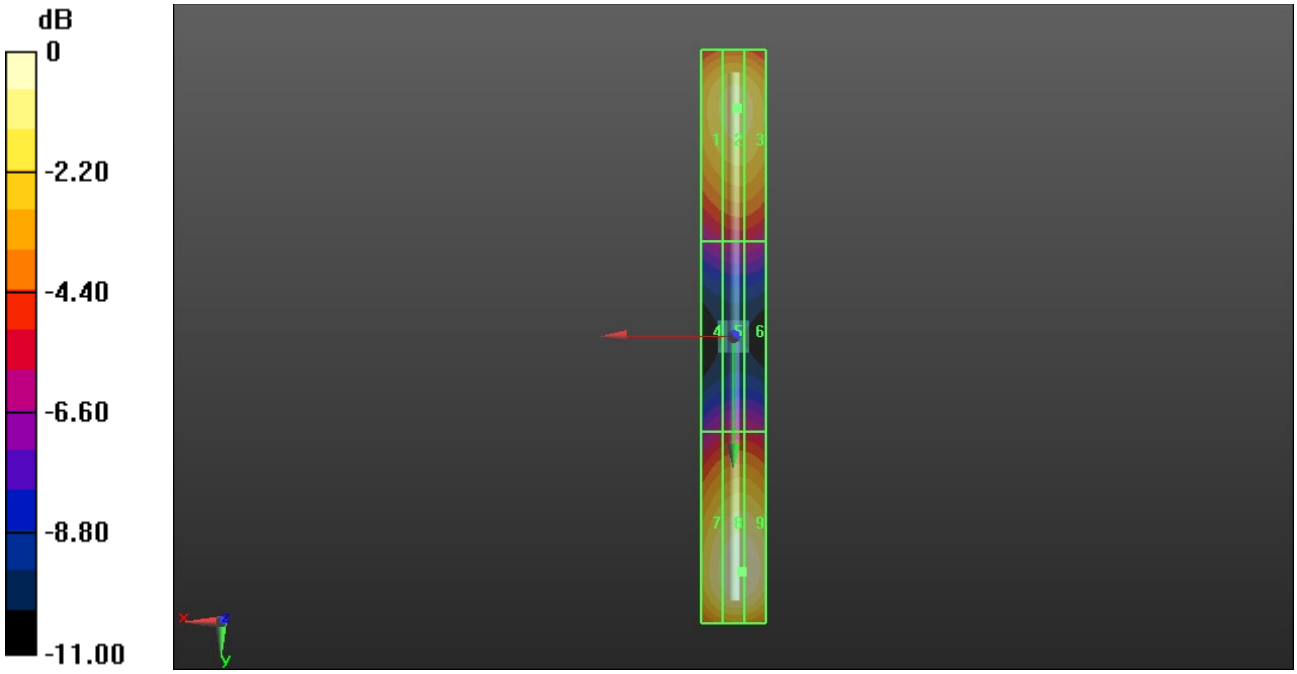
Frequency: 835 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Dasy Configuration:
- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

Dipole E-Field measurement 835MHz/835 MHz/Hearing Aid Compatibility Test at 15mm distance (41x361x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 134.8 V/m; Power Drift = -0.04 dB
Applied MIF = 0.00 dB
RF audio interference level = 41.95 dBV/m
Emission category: M3

MIF scaled E-field

Grid 1 **M3** **40.62 dBV/m**	Grid 2 **M3** **40.9 dBV/m**	Grid 3 **M3** **40.81 dBV/m**
Grid 4 **M4** **35.95 dBV/m**	Grid 5 **M4** **36.32 dBV/m**	Grid 6 **M4** **36.31 dBV/m**
Grid 7 **M3** **41.46 dBV/m**	Grid 8 **M3** **41.95 dBV/m**	Grid 9 **M3** **41.93 dBV/m**



0 dB = 125.1 V/m = 41.95 dBV/m

HAC-RF Emission System Check

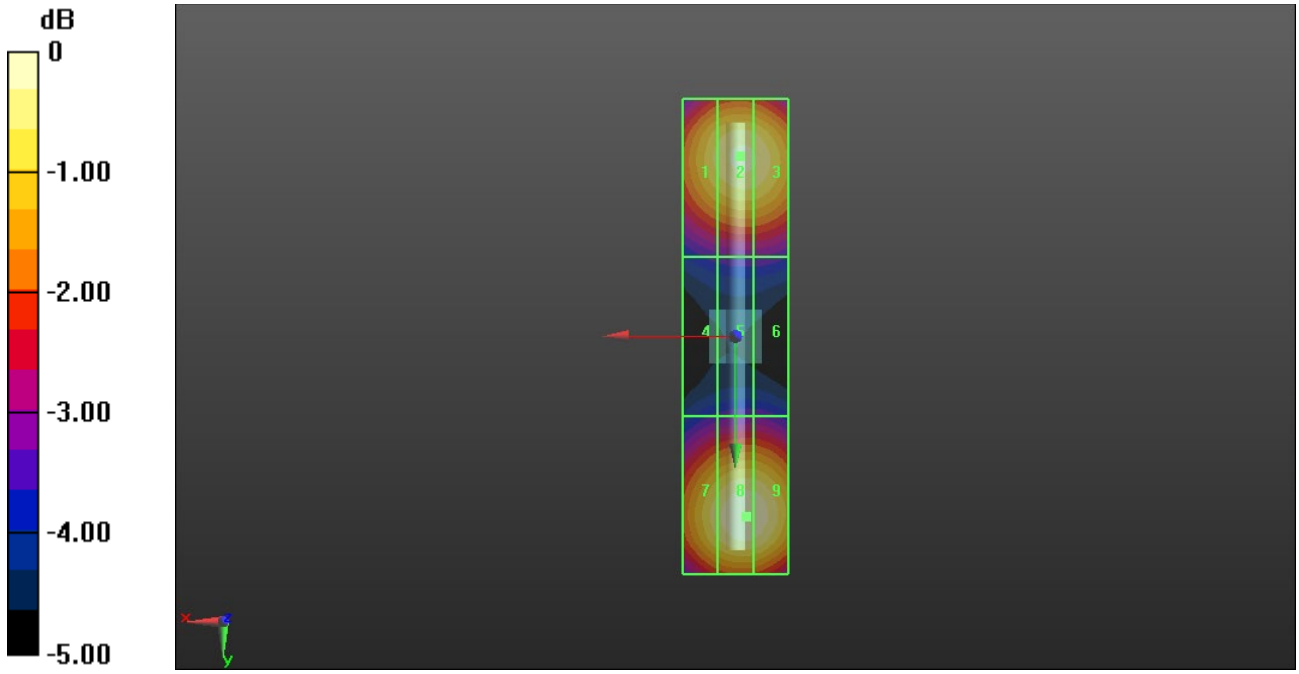
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Dasy Configuration:
- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

Dipole E-Field Measurement 1880MHz/1880 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 159.2 V/m; Power Drift = -0.01 dB
Applied MIF = 0.00 dB
RF audio interference level = 39.56 dBV/m
Emission category: M2

MIF scaled E-field

Grid 1 **M2** **39 dBV/m**	Grid 2 **M2** **39.33 dBV/m**	Grid 3 **M2** **39.26 dBV/m**
Grid 4 **M2** **36.09 dBV/m**	Grid 5 **M2** **36.27 dBV/m**	Grid 6 **M2** **36.26 dBV/m**
Grid 7 **M2** **39.13 dBV/m**	Grid 8 **M2** **39.56 dBV/m**	Grid 9 **M2** **39.53 dBV/m**



0 dB = 95.07 V/m = 39.56 dBV/m

HAC-RF Emission System Check

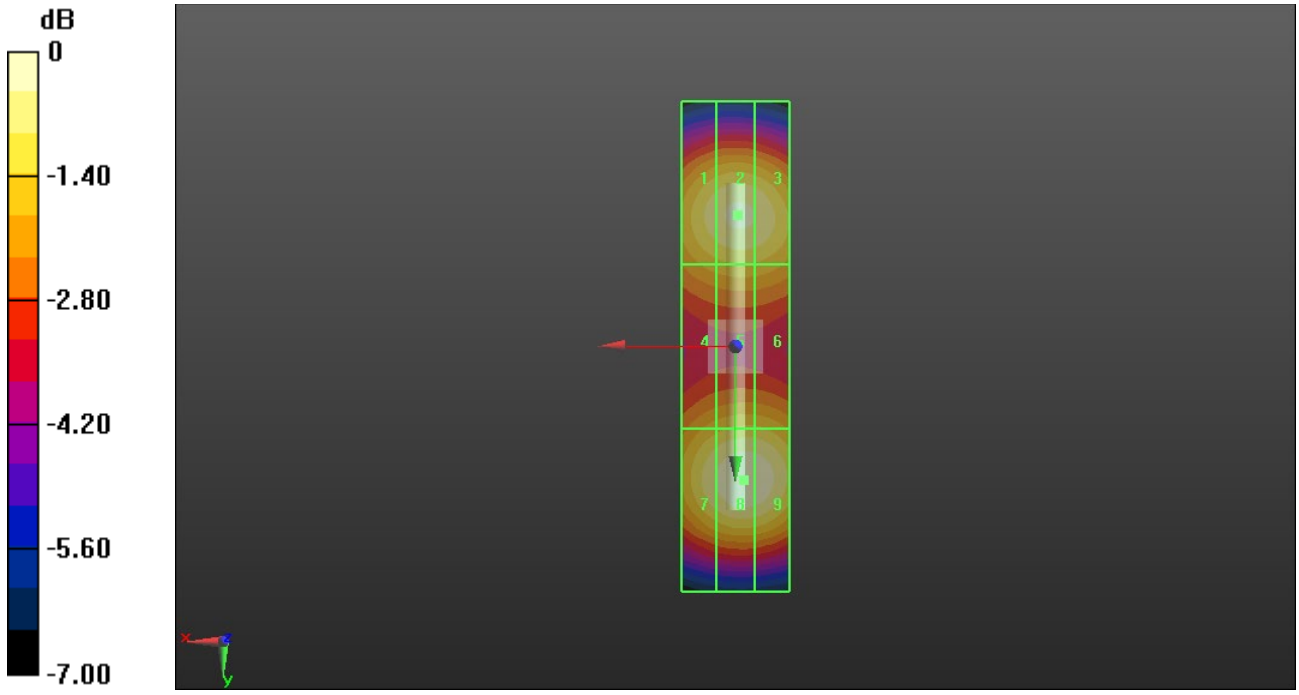
Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Dasy Configuration:
- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

Dipole E-Field Measurement 2450MHz/2450 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 78.12 V/m; Power Drift = 0.05 dB
Applied MIF = 0.00 dB
RF audio interference level = 39.37 dBV/m
Emission category: M2

MIF scaled E-field

Grid 1 **M2** **38.77 dBV/m**	Grid 2 **M2** **39.03 dBV/m**	Grid 3 **M2** **38.92 dBV/m**
Grid 4 **M2** **37.81 dBV/m**	Grid 5 **M2** **38.09 dBV/m**	Grid 6 **M2** **38.08 dBV/m**
Grid 7 **M2** **38.96 dBV/m**	Grid 8 **M2** **39.37 dBV/m**	Grid 9 **M2** **39.33 dBV/m**



0 dB = 93.04 V/m = 39.37 dBV/m

HAC-RF Emission System Check

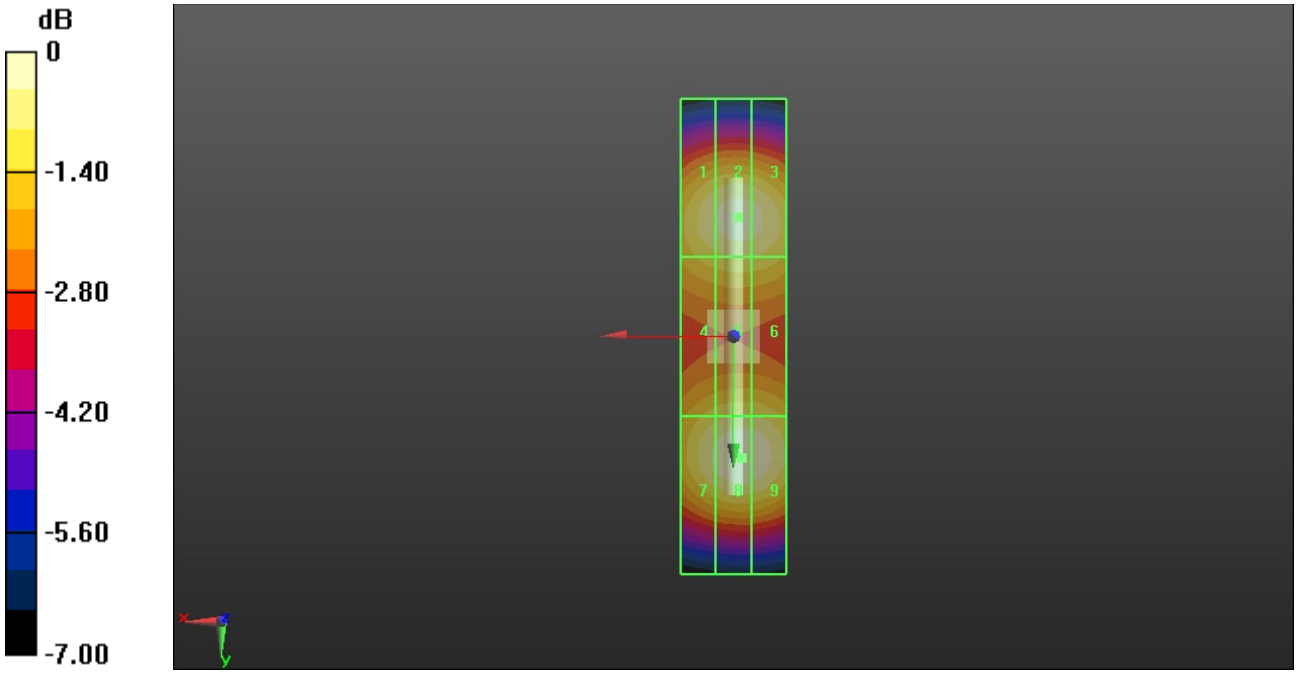
Frequency: 2600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Dasy Configuration:
- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

Dipole E-Field Measurement 2600MHz/2600 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 67.79 V/m; Power Drift = 0.02 dB
Applied MIF = 0.00 dB
RF audio interference level = 39.24 dBV/m
Emission category: M2

MIF scaled E-field

Grid 1 **M2** **38.78 dBV/m**	Grid 2 **M2** **39.03 dBV/m**	Grid 3 **M2** **38.95 dBV/m**
Grid 4 **M2** **38.16 dBV/m**	Grid 5 **M2** **38.38 dBV/m**	Grid 6 **M2** **38.36 dBV/m**
Grid 7 **M2** **38.87 dBV/m**	Grid 8 **M2** **39.24 dBV/m**	Grid 9 **M2** **39.19 dBV/m**



0 dB = 91.60 V/m = 39.24 dBV/m

HAC-RF Emission System Check

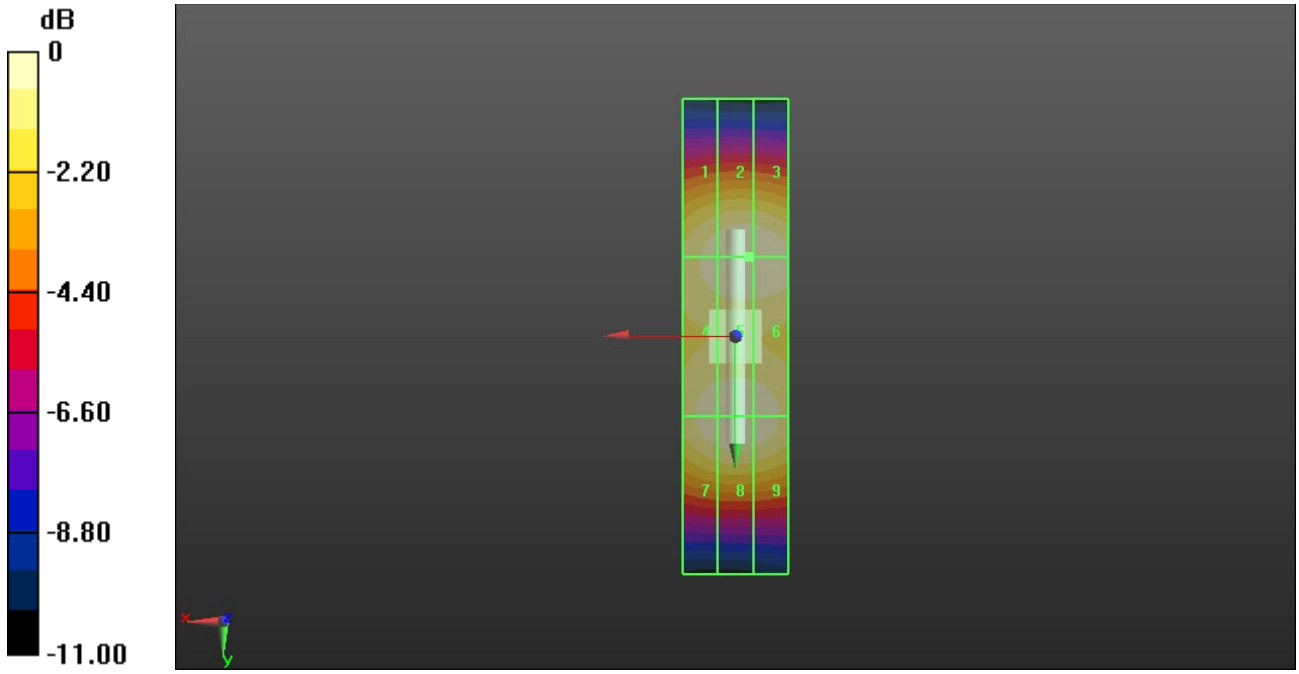
Frequency: 3500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Dasy Configuration:
- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

Dipole E-Field Measurement 3500MHz/3500 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 36.77 V/m; Power Drift = 0.02 dB
Applied MIF = 0.00 dB
RF audio interference level = 38.99 dBV/m
Emission category: M2

MIF scaled E-field

Grid 1 **M2** **38.66 dBV/m**	Grid 2 **M2** **38.99 dBV/m**	Grid 3 **M2** **38.97 dBV/m**
Grid 4 **M2** **38.79 dBV/m**	Grid 5 **M2** **38.99 dBV/m**	Grid 6 **M2** **38.97 dBV/m**
Grid 7 **M2** **38.79 dBV/m**	Grid 8 **M2** **38.97 dBV/m**	Grid 9 **M2** **38.85 dBV/m**



0 dB = 89.02 V/m = 38.99 dBV/m

HAC-RF Emission System Check

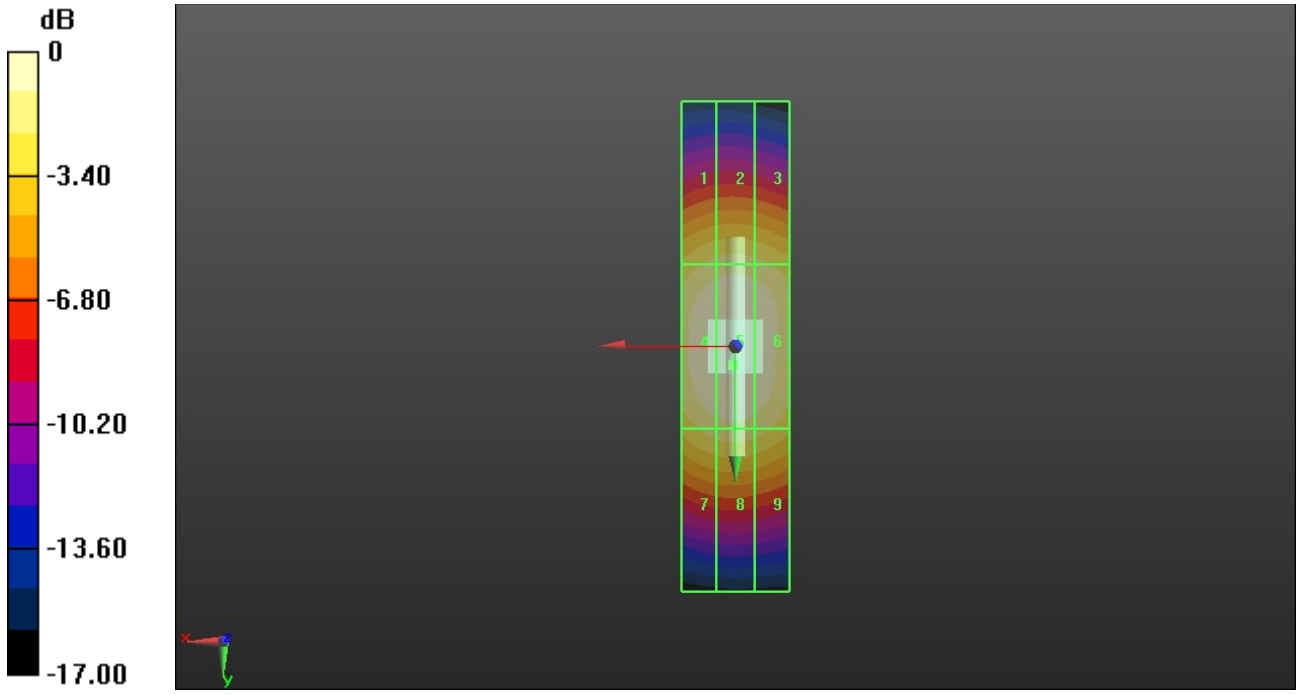
Frequency: 5500 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Dasy Configuration:
- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1434; Calibrated: 11/11/2021
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5500 MHz; Calibrated: 8/13/2021
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

Dipole E-Field Measurement 5.5GHz/5.5GHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm
Reference Value = 25.26 V/m; Power Drift = -0.03 dB
Applied MIF = 0.00 dB
RF audio interference level = 40.55 dBV/m
Emission category: M1

MIF scaled E-field

Grid 1 **M2** **38.75 dBV/m**	Grid 2 **M2** **38.92 dBV/m**	Grid 3 **M2** **38.73 dBV/m**
Grid 4 **M1** **40.4 dBV/m**	Grid 5 **M1** **40.55 dBV/m**	Grid 6 **M1** **40.24 dBV/m**
Grid 7 **M2** **38.9 dBV/m**	Grid 8 **M2** **39.09 dBV/m**	Grid 9 **M2** **38.8 dBV/m**



0 dB = 106.5 V/m = 40.55 dBV/m