

Test Laboratory: Compliance Certification Services

File Name: [Setup.da4](#)

DUT: HCT Dual Band phone; Type: PN-819; Serial: N/A

Program Name: HAC_TCoil_WD_Emission

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: AMB with Coil Section

DASY4 Configuration:

- Probe: AM1DV2 - 1012; ; Calibrated: 4/18/2006

- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE4 SN558; Calibrated: 1/20/2006

- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

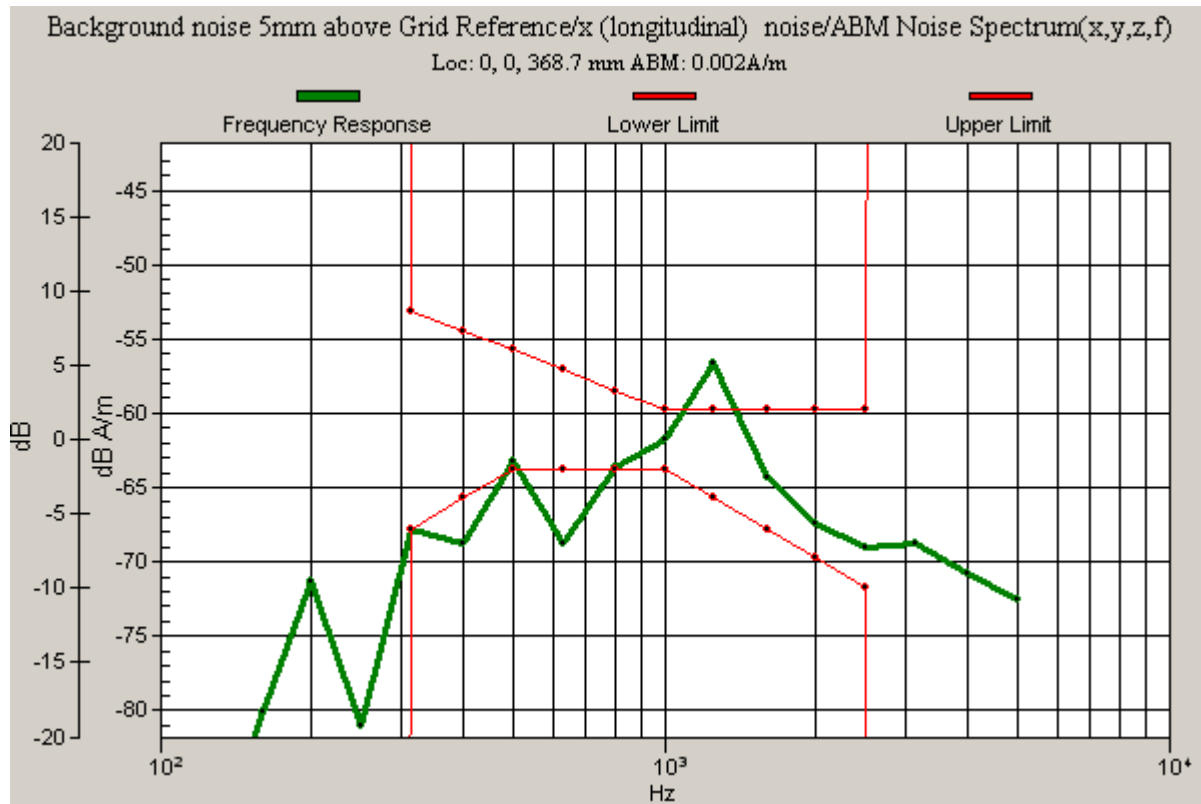
Background noise 5mm above Grid Reference/x (longitudinal) noise/ABM Noise Spectrum (x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM = -52.8534 dB A/m

Location: 0, 0, 368.7 mm



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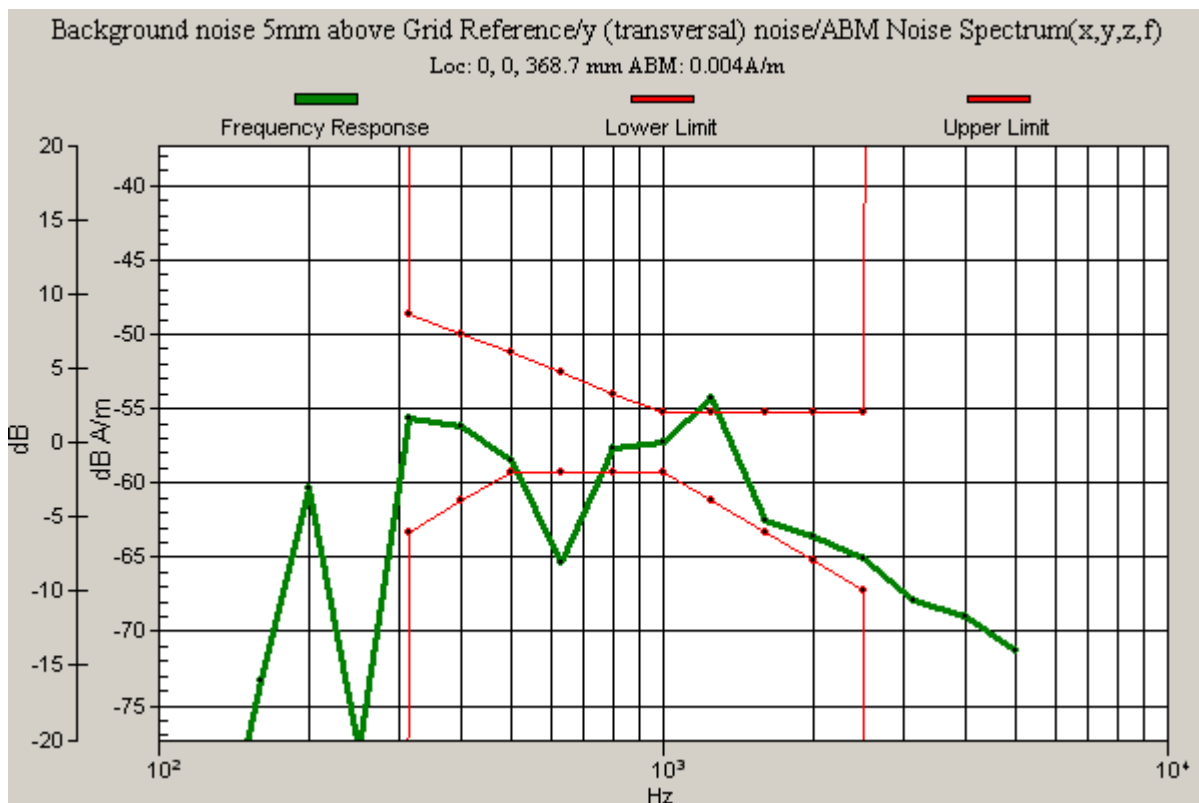
Background noise 5mm above Grid Reference/y (transversal) noise/ABM Noise Spectrum (x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM = -47.8162 dB A/m

Location: 0, 0, 368.7 mm



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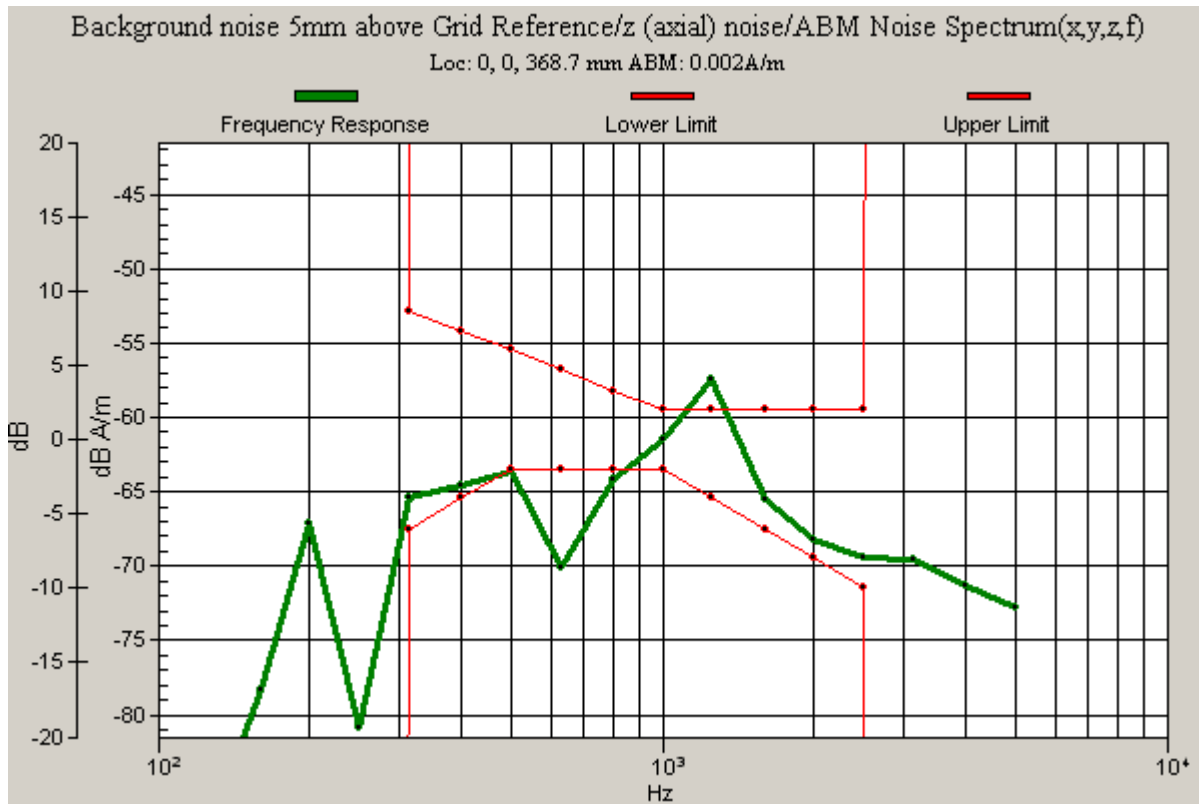
**Background noise 5mm above Grid Reference/z (axial) noise/ABM Noise Spectrum(x,y,z,f)
(1x1x1):**

Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM = -52.9976 dB A/m

Location: 0, 0, 368.7 mm



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Phantom section: AMB with Coil Section

DASY4 Configuration:

- Probe: AM1DV2 - 1012; ; Calibrated: 4/18/2006

- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE4 SN558; Calibrated: 1/20/2006

- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

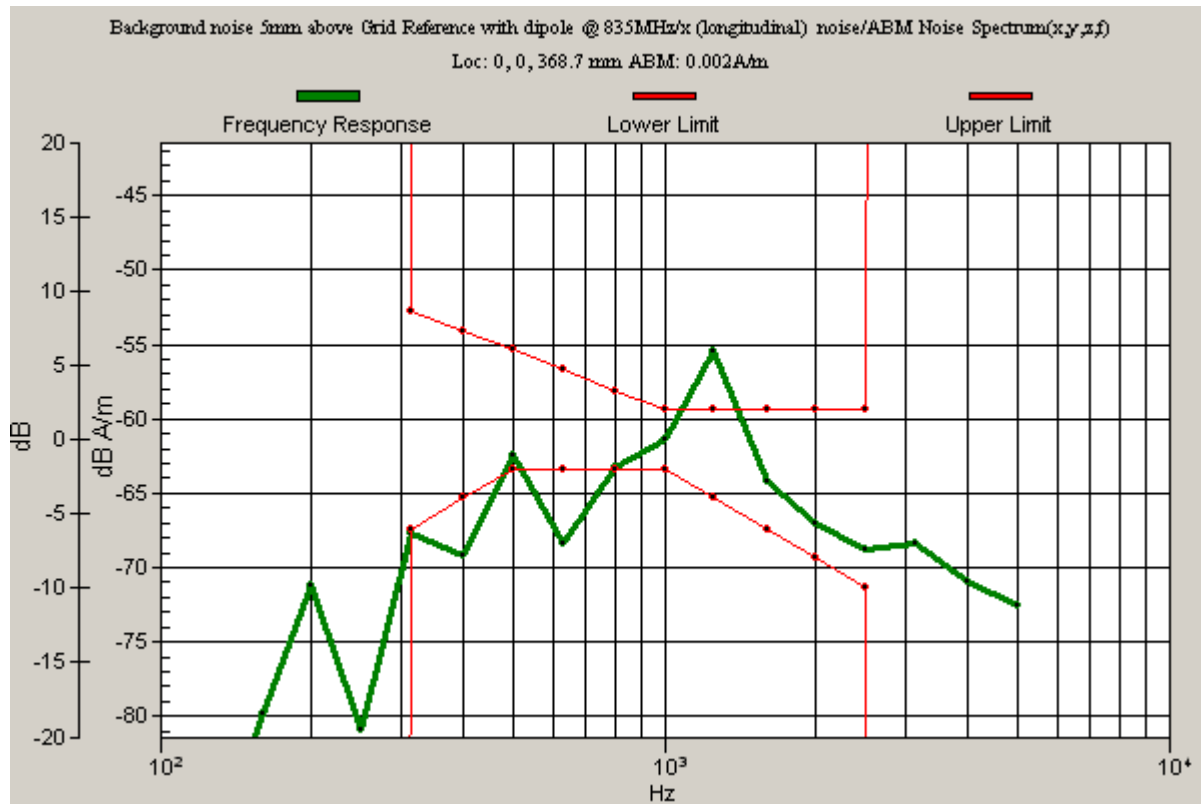
Background noise 5mm above Grid Reference with dipole @ 835MHz/x (longitudinal) noise/ABM Noise Spectrum(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM = -52.1369 dB A/m

Location: 0, 0, 368.7 mm



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Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: AMB with Coil Section

DASY4 Configuration:

- Probe: AM1DV2 - 1012; ; Calibrated: 4/18/2006

- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE4 SN558; Calibrated: 1/20/2006

- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

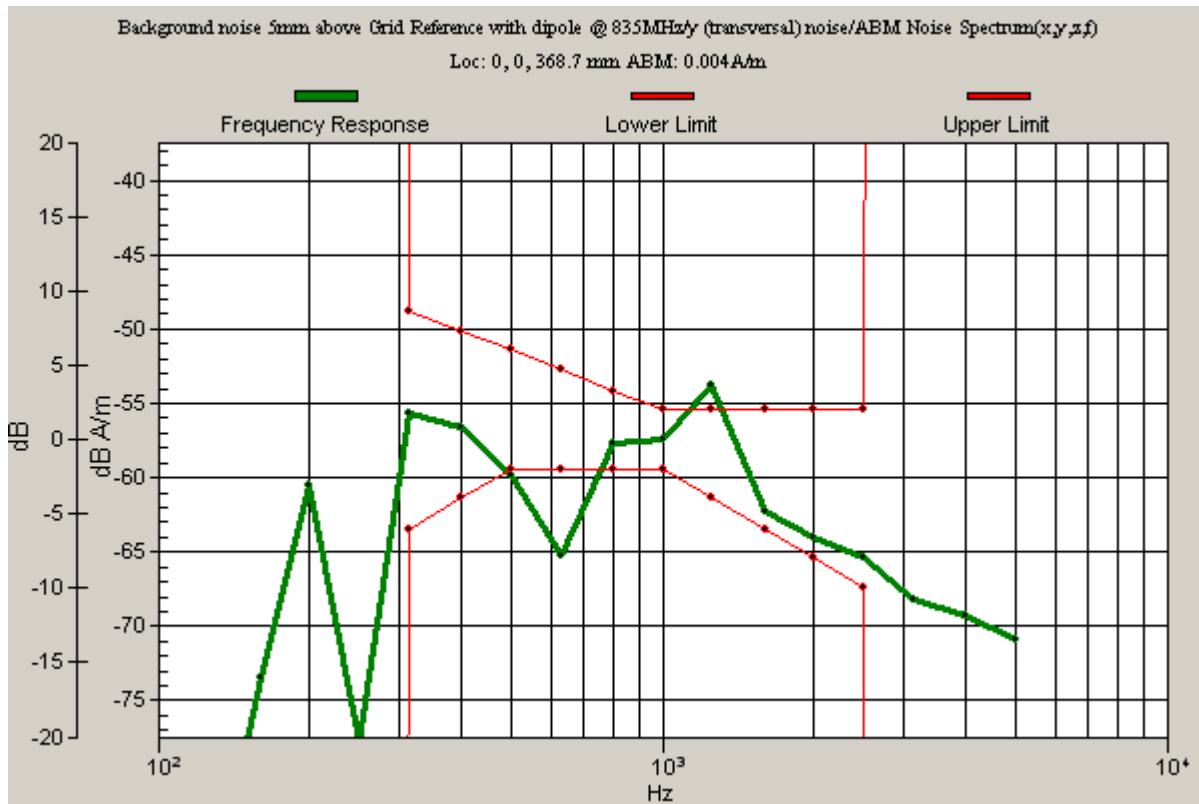
Background noise 5mm above Grid Reference with dipole @ 835MHz/y (transversal) noise/ABM Noise Spectrum(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM = -47.9068 dB A/m

Location: 0, 0, 368.7 mm



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Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: AMB with Coil Section

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- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE4 SN558; Calibrated: 1/20/2006

- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Background noise 5mm above Grid Reference with dipole @ 835MHz/z (axial) noise/ABM

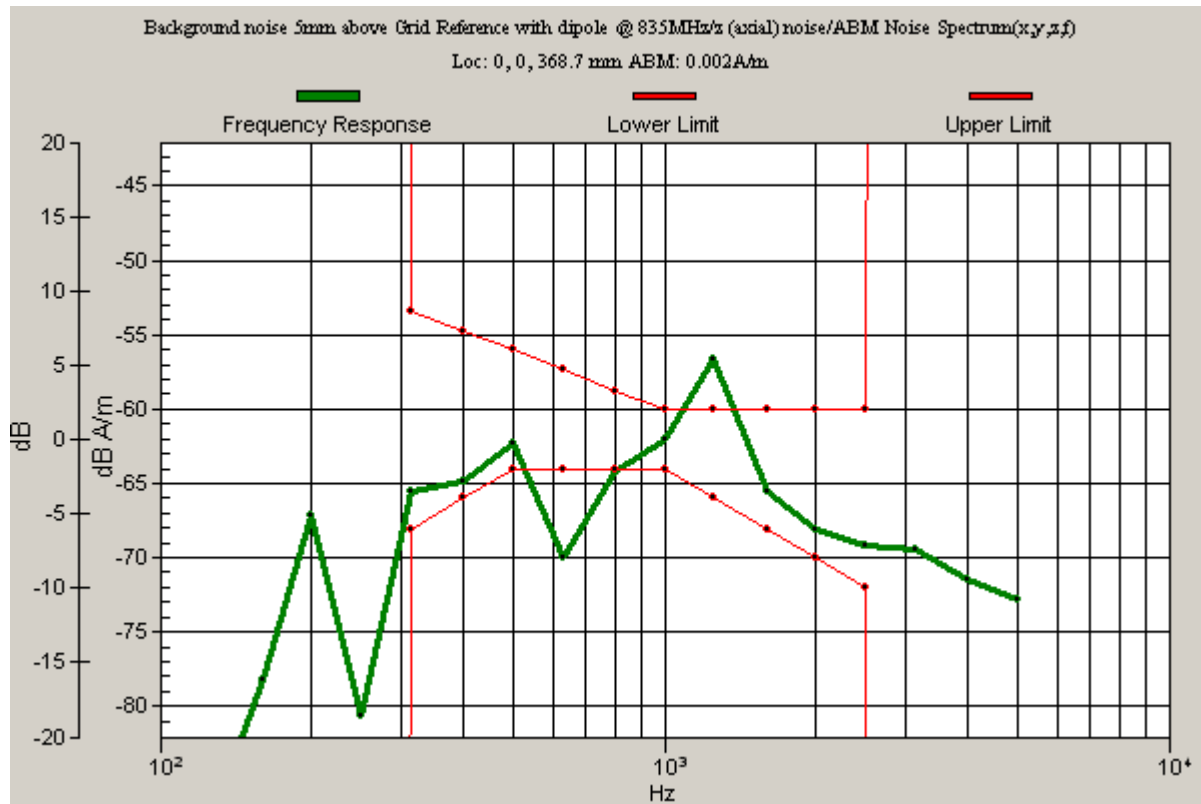
Noise Spectrum(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM = -52.6772 dB A/m

Location: 0, 0, 368.7 mm



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Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Phantom section: AMB with Coil Section

DASY4 Configuration:

- Probe: AM1DV2 - 1012; ; Calibrated: 4/18/2006
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

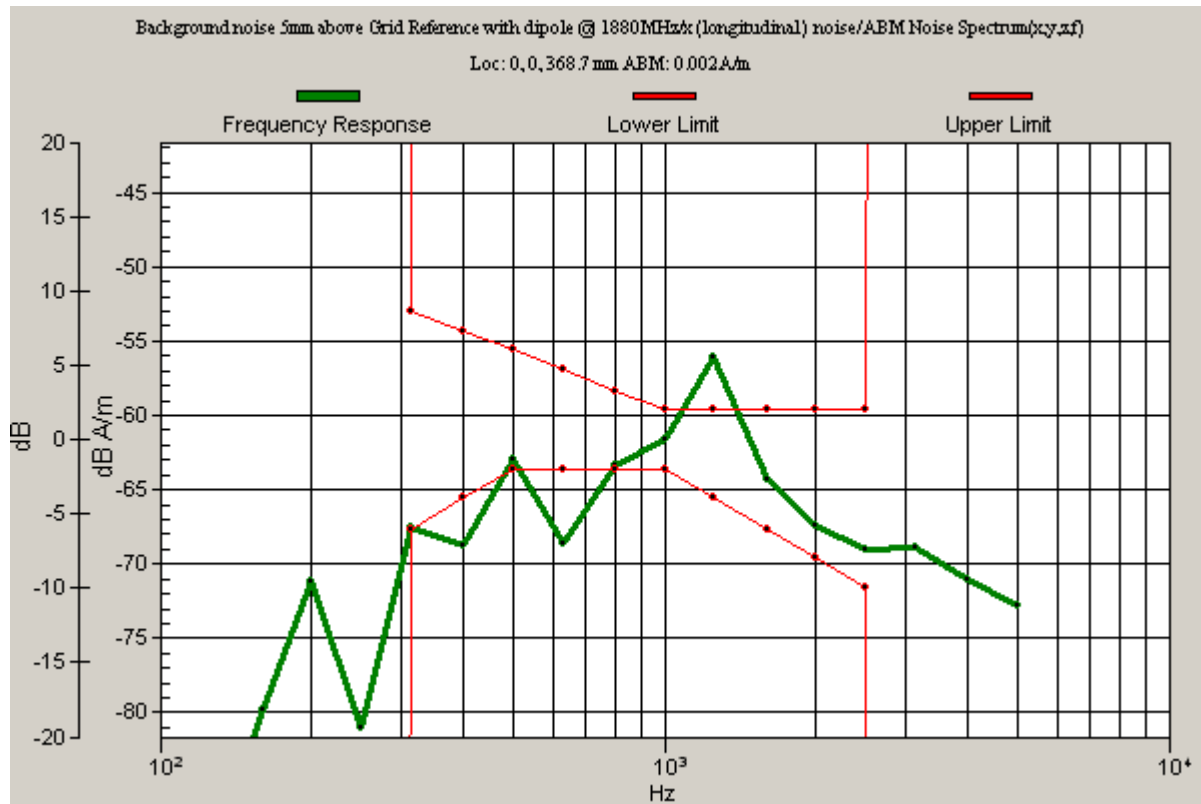
Background noise 5mm above Grid Reference with dipole @ 1880MHz/x (longitudinal) noise/ABM Noise Spectrum(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM = -52.574 dB A/m

Location: 0, 0, 368.7 mm



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Phantom section: AMB with Coil Section

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- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE4 SN558; Calibrated: 1/20/2006

- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

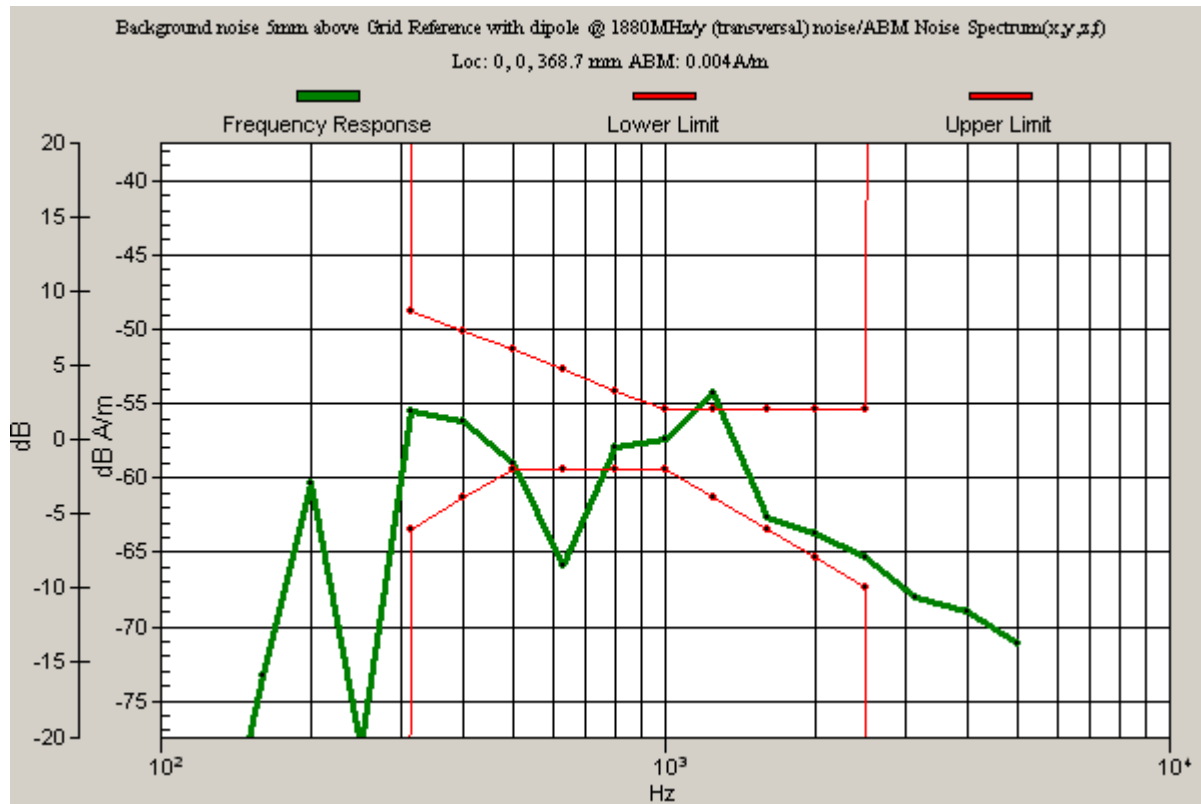
**Background noise 5mm above Grid Reference with dipole @ 1880MHz/y (transversal)
noise/ABM Noise Spectrum(x,y,z,f) (1x1x1):**

Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM = -47.8813 dB A/m

Location: 0, 0, 368.7 mm



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- Phantom: HAC Test Arch with Coil; Type: SD HAC P01 BA; Serial: 100x

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Background noise 5mm above Grid Reference with dipole @ 1880MHz/z (axial) noise/ABM

Noise Spectrum(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm

Cursor:

ABM = -52.8956 dB A/m

Location: 0, 0, 368.7 mm

