

#01_HAC_T-Coil_GSM850_Voice(speech codec handset low)_Ch189_Axial (Z)

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

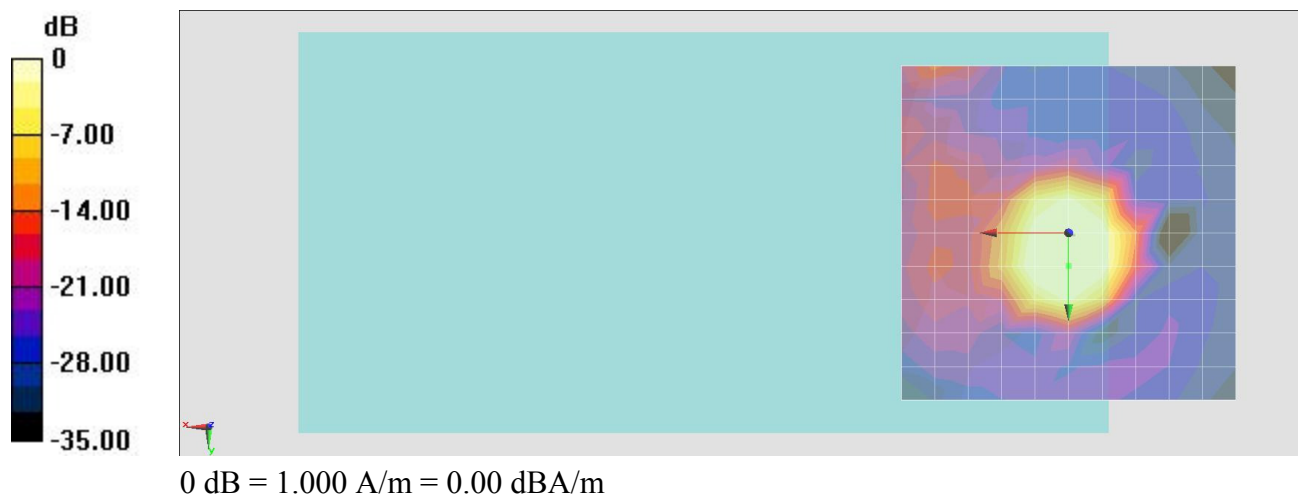
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (11x11x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 34.44 dB

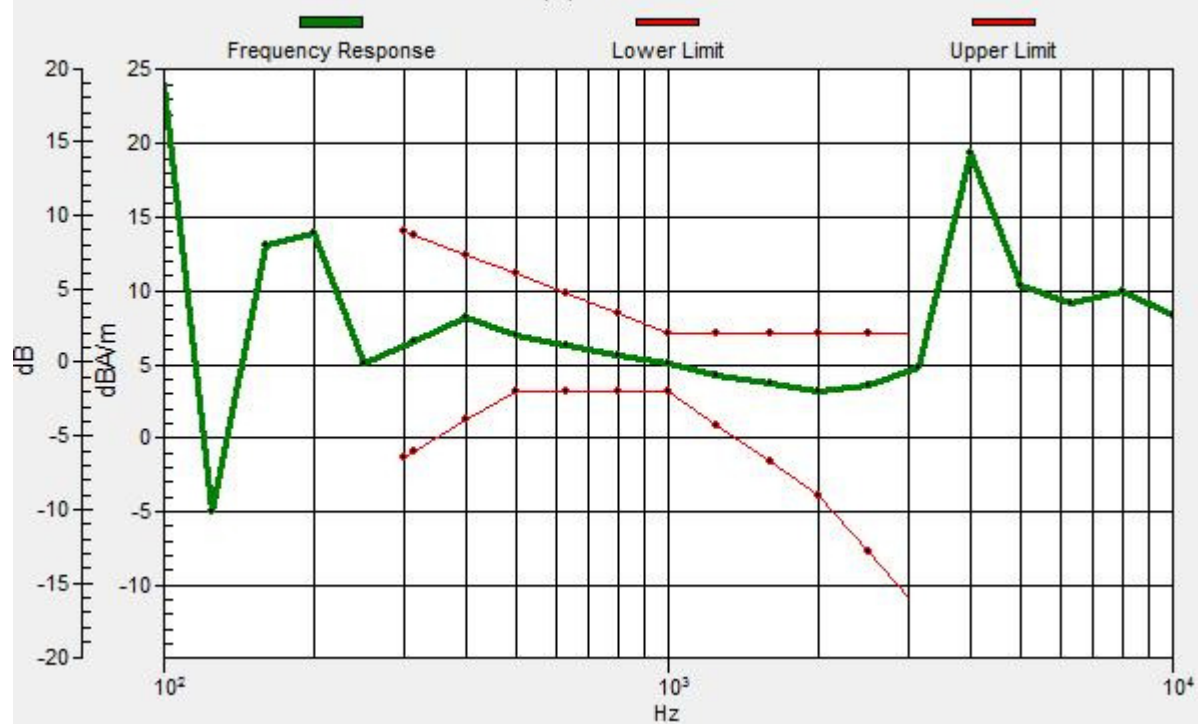
ABM1 comp = 7.61 dBA/m

Location: 0, 5, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 5, 3.7 mm Diff: 2dB



#01_HAC_T-Coil_GSM850_Voice(speech codec handset low)_Ch189_Transversal (Y)

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

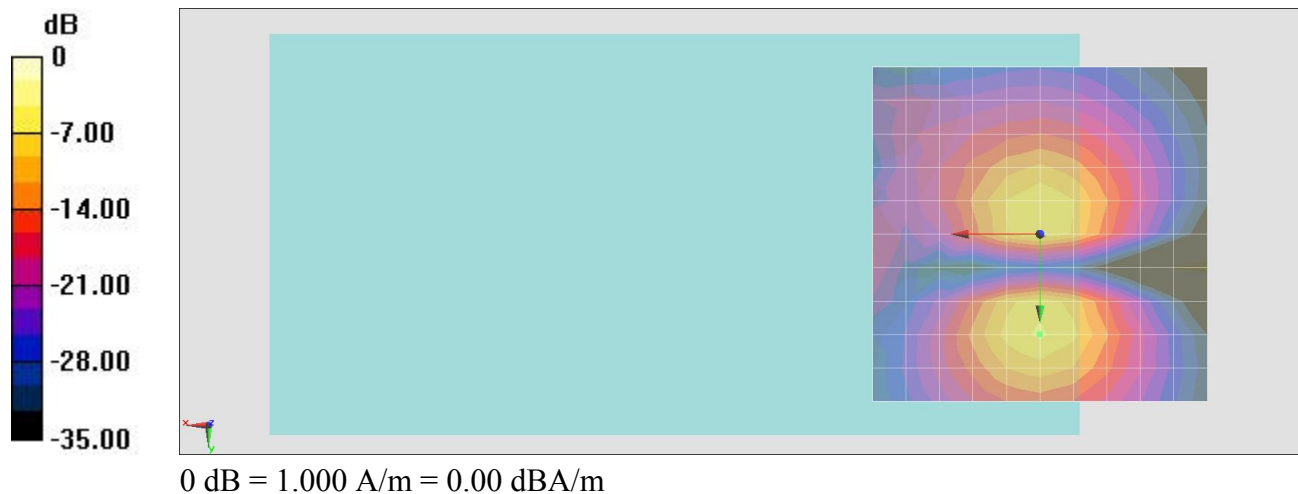
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (11x11x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 35.74 dB

ABM1 comp = -6.46 dBA/m

Location: 0, 15, 3.7 mm



#02_HAC_T-Coil_GSM1900_Voice(speech codec handset low)_Ch661_Axial (Z)

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (11x11x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 35.73 dB

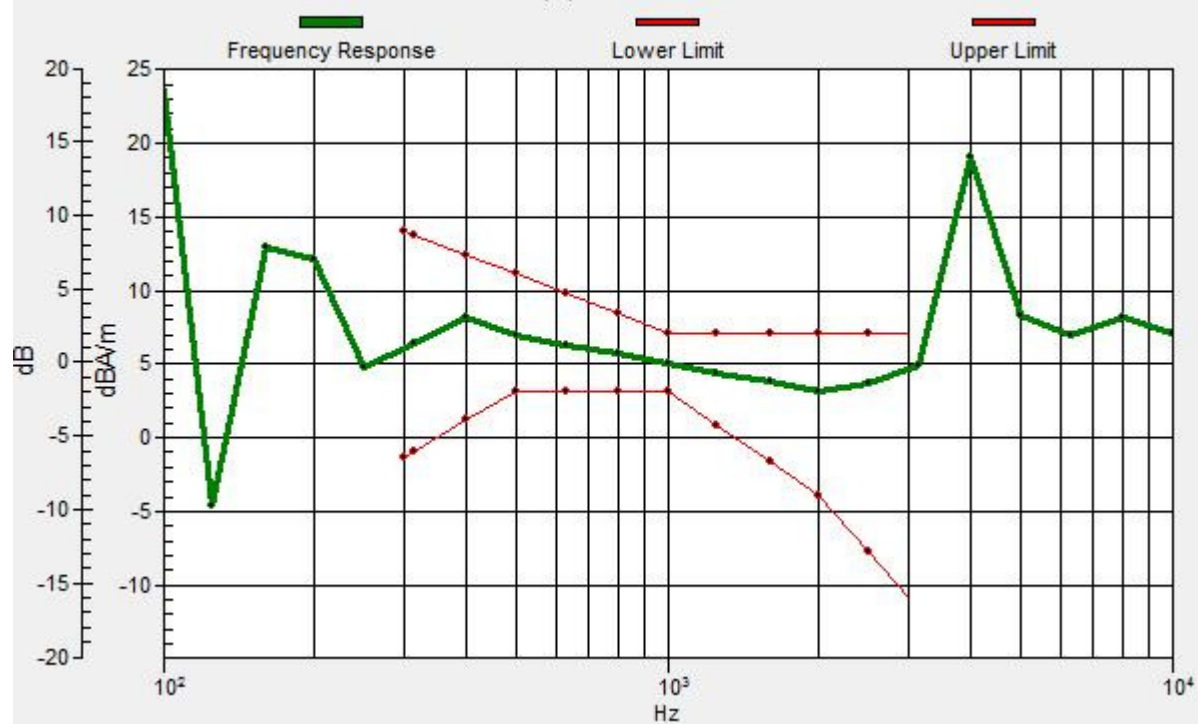
ABM1 comp = 7.70 dBA/m

Location: 0, 5, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 5, 3.7 mm Diff: 2dB



#02_HAC_T-Coil_GSM1900_Voice(speech codec handset low) _Ch661_Transversal (Y)

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

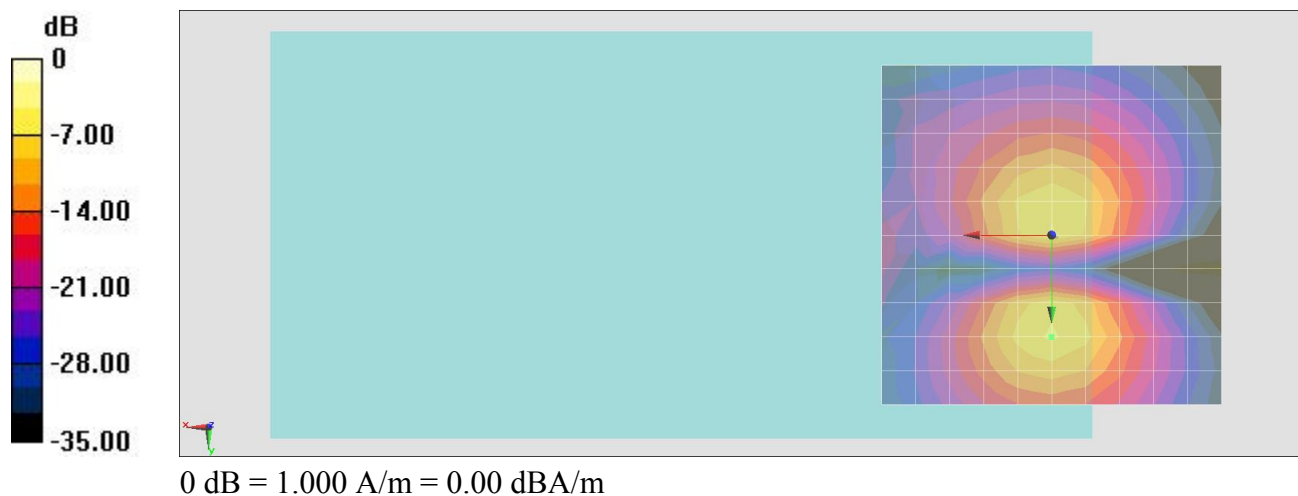
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (11x11x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 36.38 dB

ABM1 comp = -6.49 dBA/m

Location: 0, 15, 3.7 mm



#03_HAC_T-Coil_WCDMA II_Voice(speech codec low)_Ch9400_Axial (Z)

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

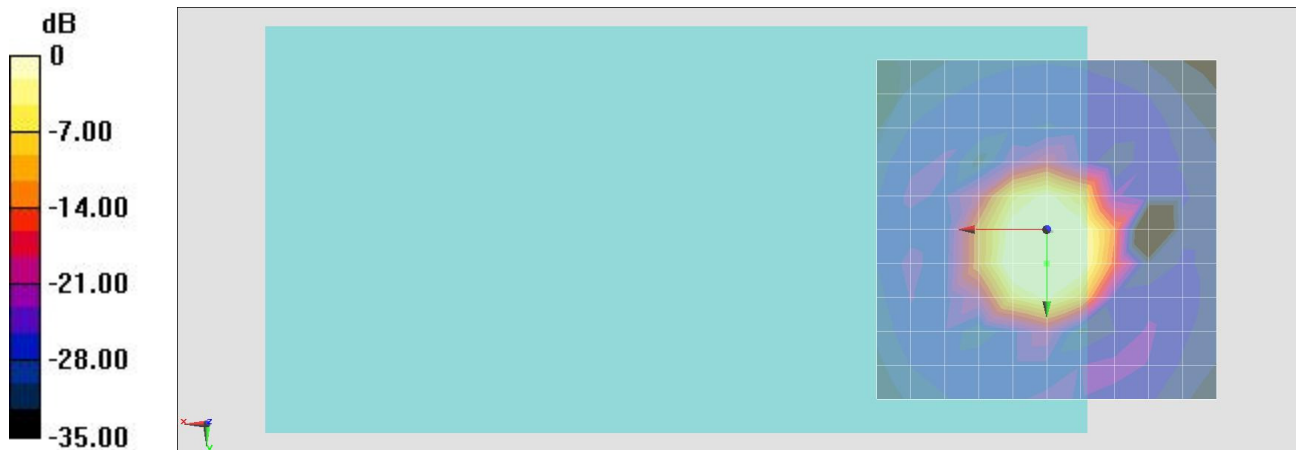
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (11x11x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 40.20 dB

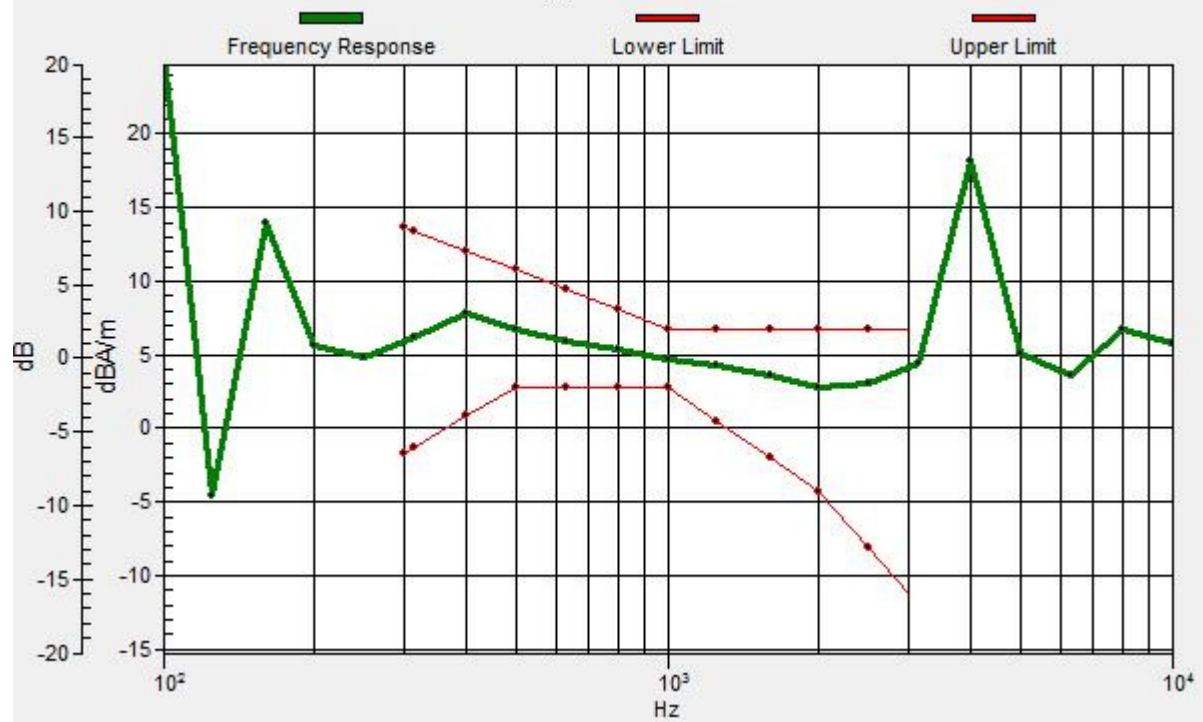
ABM1 comp = 7.46 dBA/m

Location: 0, 5, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 5, 3.7 mm Diff: 2dB



#03_HAC_T-Coil_WCDMA II_Voice(speech codec low)_Ch9400_Transversal (Y)

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

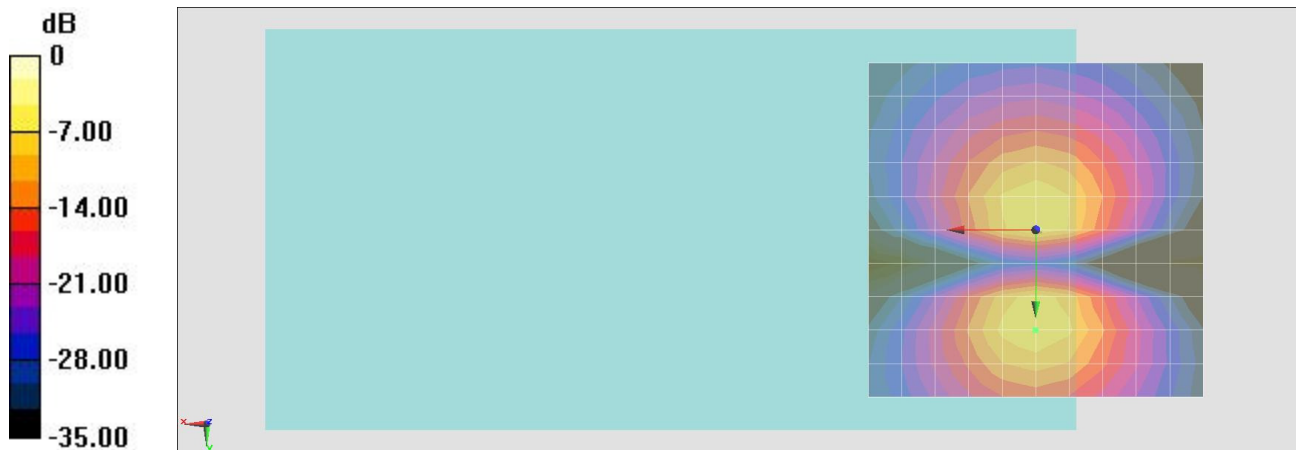
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (11x11x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 37.38 dB

ABM1 comp = -6.82 dBA/m

Location: 0, 15, 3.7 mm



#04_HAC_T-Coil_WCDMA IV_Voice(speech codec low)_Ch1413_Axial (Z)

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

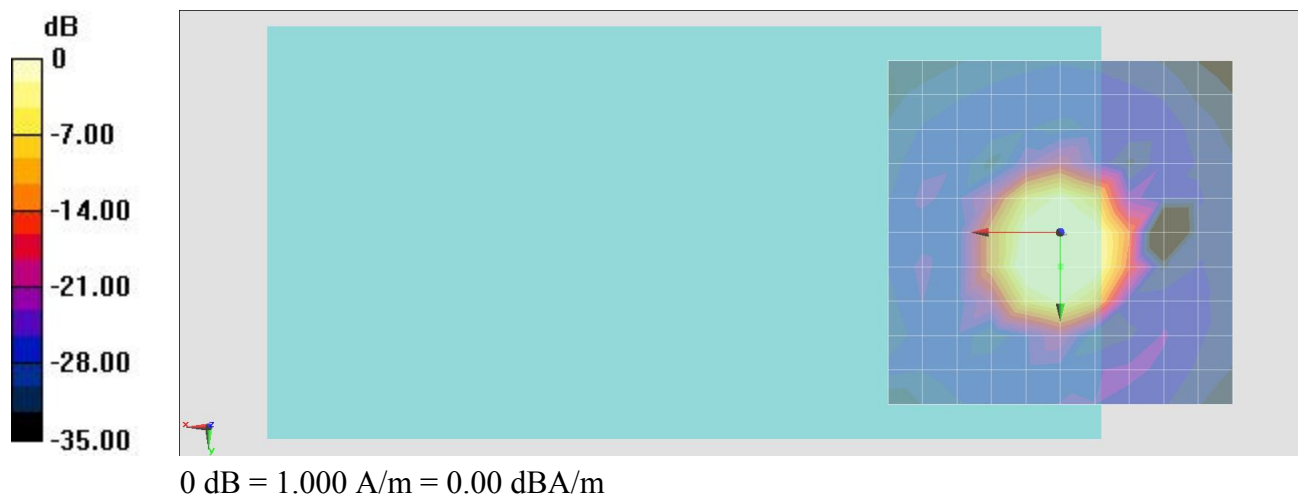
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (11x11x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 40.46 dB

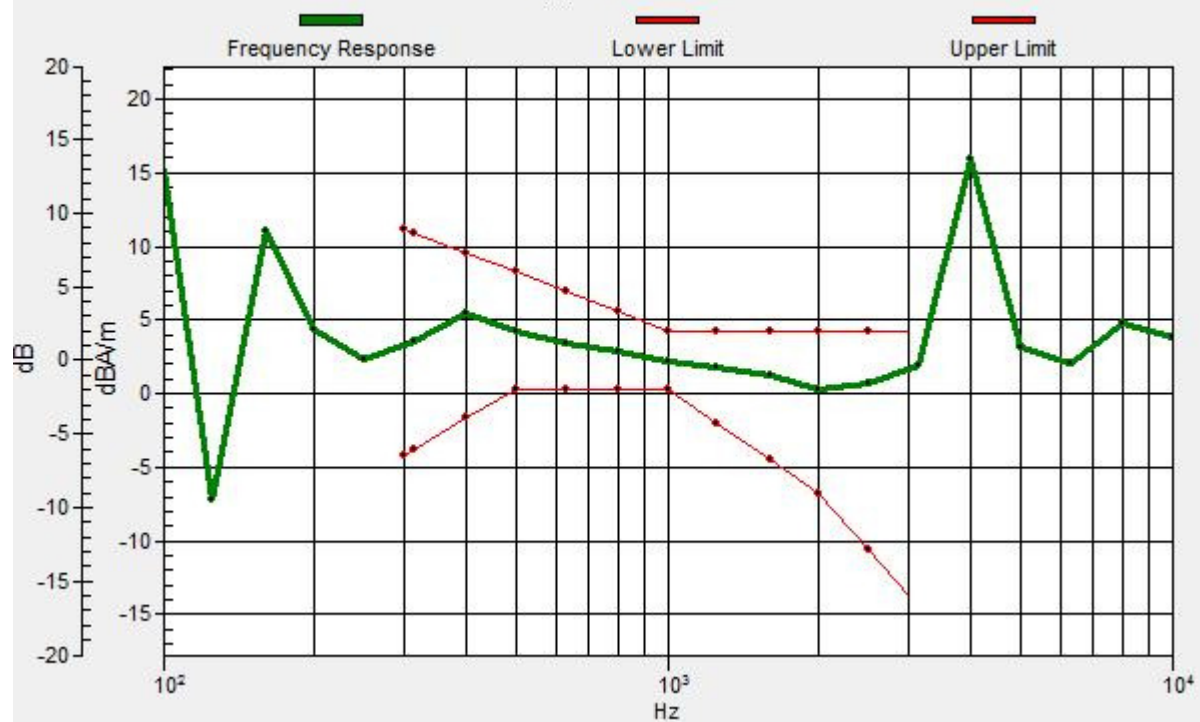
ABM1 comp = 4.60 dBA/m

Location: 0, 0, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 0, 3.7 mm Diff: 2dB



#04_HAC_T-Coil_WCDMA IV_Voice(speech codec low)_Ch1413_Transversal (Y)

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (11x11x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 36.88 dB

ABM1 comp = -9.18 dBA/m

Location: -5, -5, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

#05_HAC_T-Coil_WCDMA V_Voice(speech codec low)_Ch4182_Axial (Z)

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

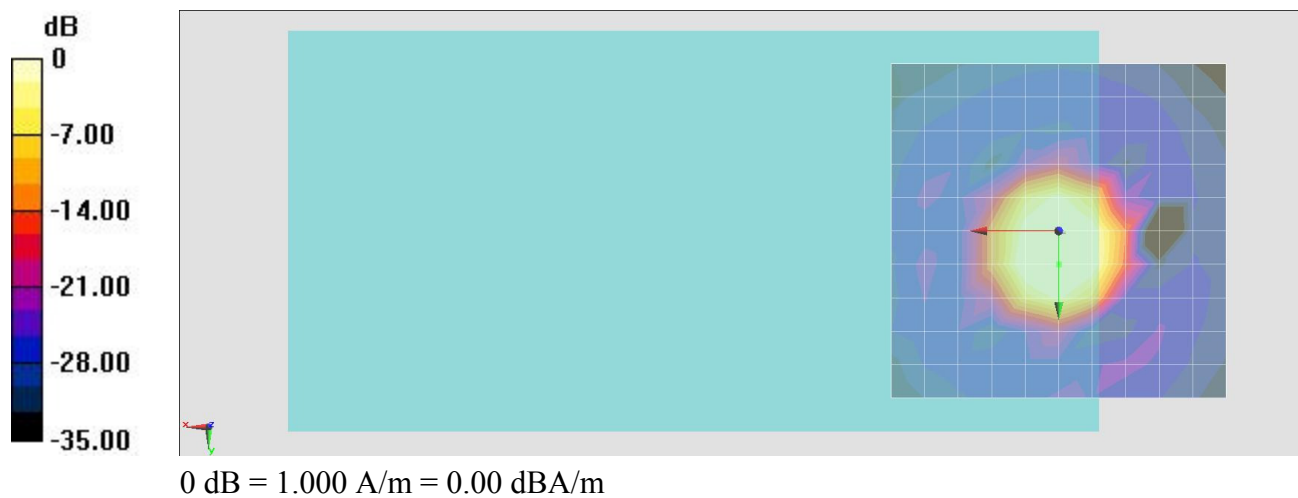
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (11x11x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 40.22 dB

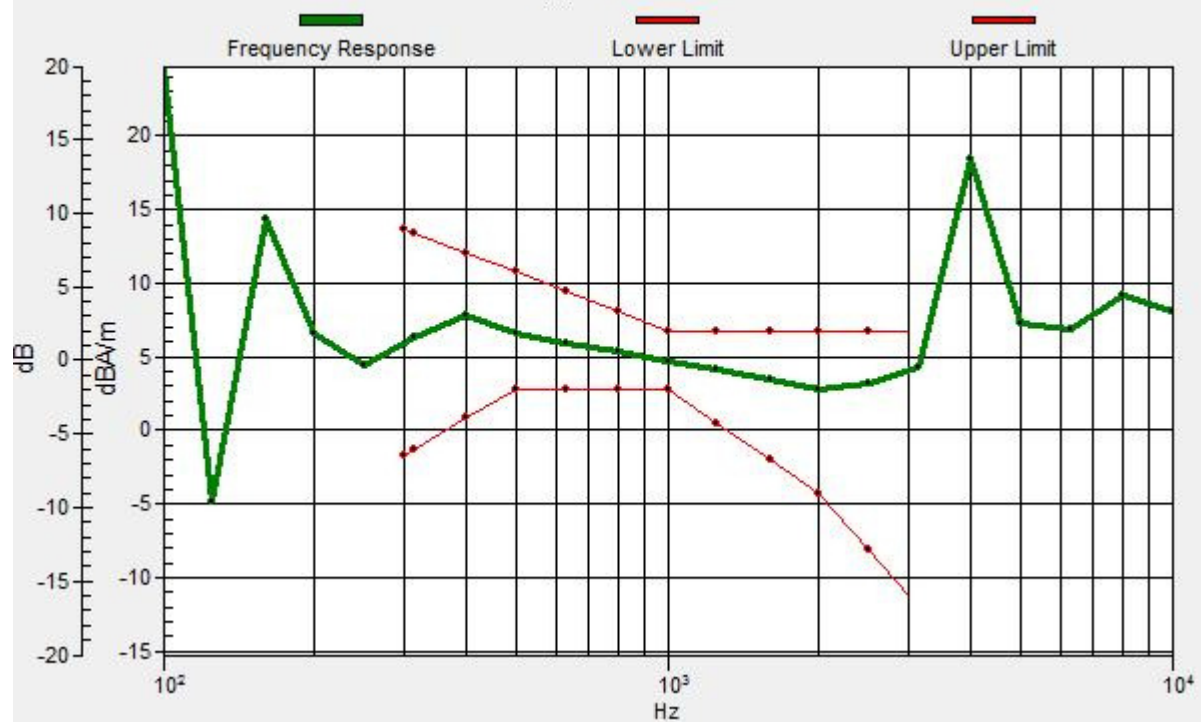
ABM1 comp = 7.47 dBA/m

Location: 0, 5, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 5, 3.7 mm Diff: 2dB



#05_HAC_T-Coil_WCDMA V_Voice(speech codec low)_Ch4182_Transversal (Y)

Communication System: WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

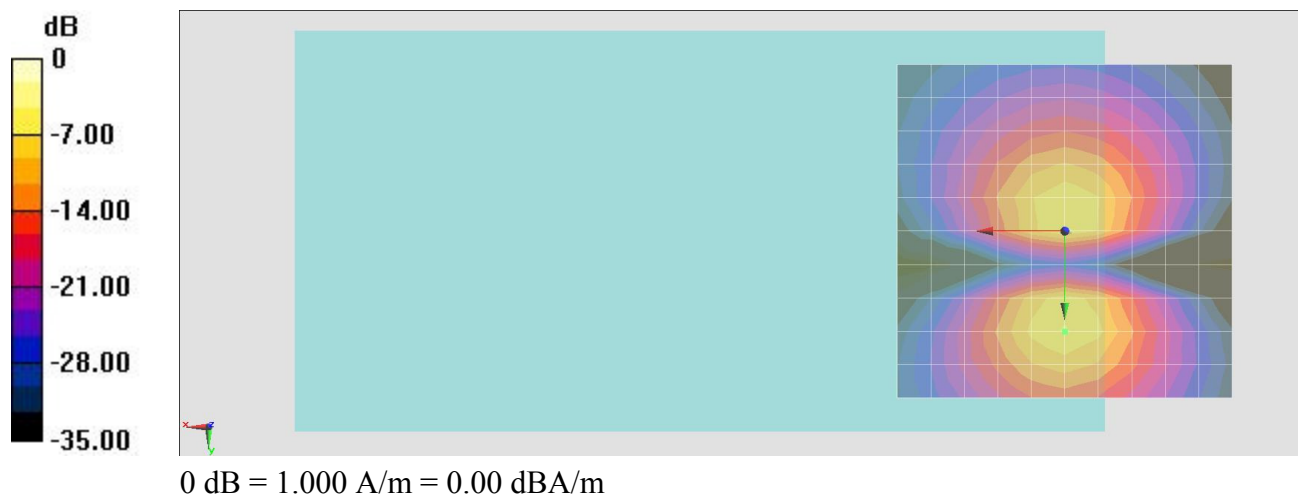
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (11x11x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 38.04 dB

ABM1 comp = -6.67 dBA/m

Location: 0, 15, 3.7 mm



**#06_HAC_T-Coil_CDMA BC0_RC1+SO3 Voice codec_8K Enhanced
low_Ch384_Axial (Z)**

Communication System: CDMA T-Coil; Frequency: 836.52 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 44.74 dB

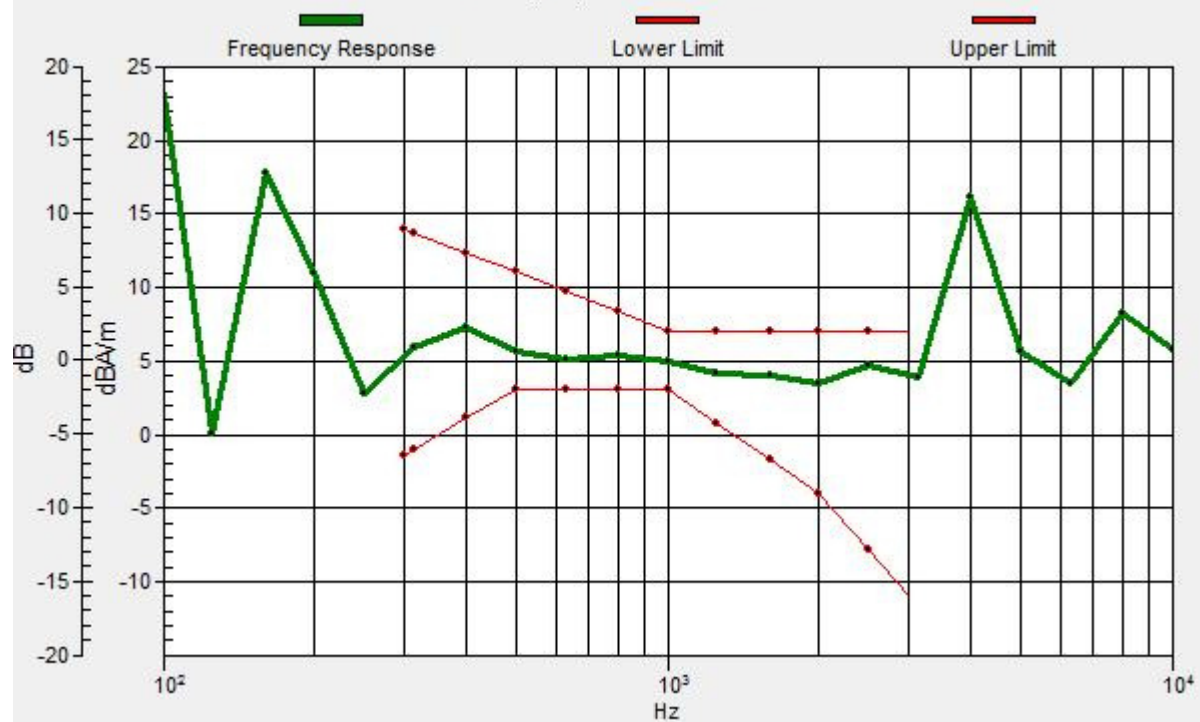
ABM1 comp = 7.52 dBA/m

Location: 0, 4.2, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 4.2, 3.7 mm Diff: 2dB



**#06_HAC_T-Coil_CDMA BC0_RC1+SO3 Voice codec_8K Enhanced
low_Ch384_Transversal (Y)**

Communication System: CDMA T-Coil; Frequency: 836.52 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.2 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

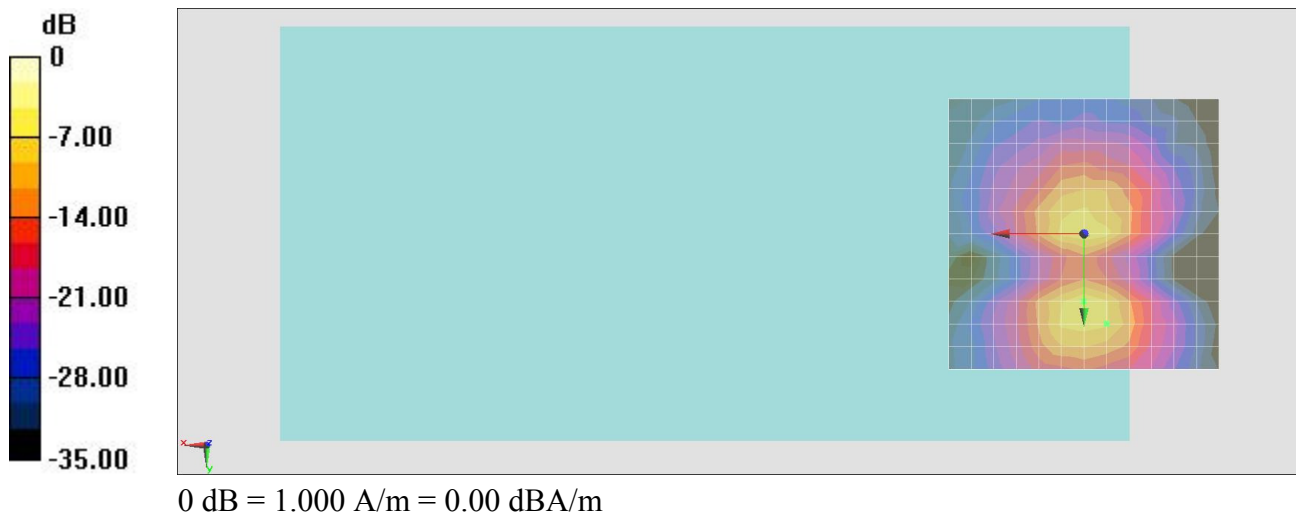
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 37.55 dB

ABM1 comp = -8.86 dBA/m

Location: -4.2, 16.7, 3.7 mm



#07_HAC_T-Coil_GSM850_Voice(speech codec handset low)_Ch189_Axial (Z)

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

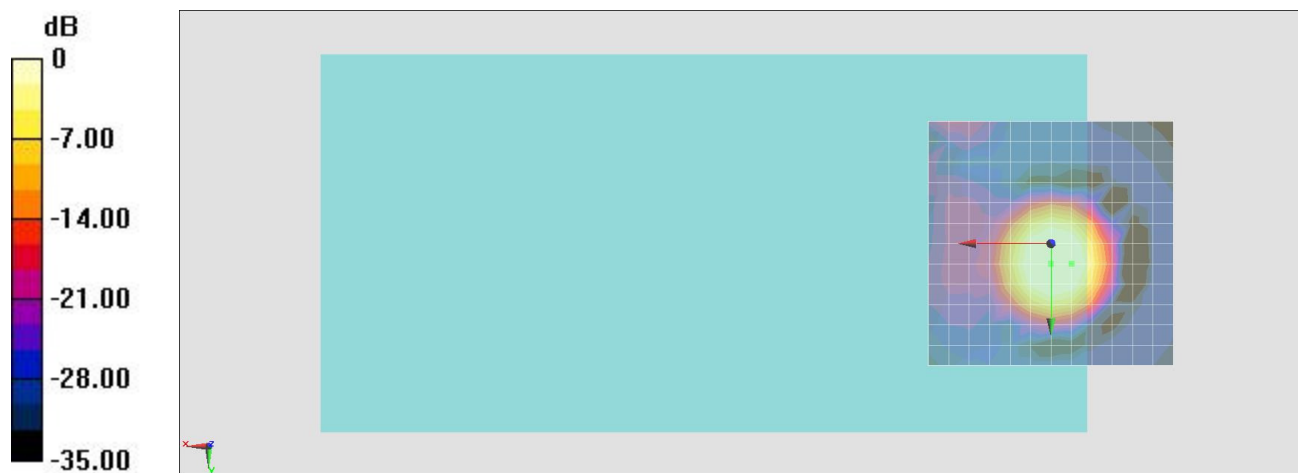
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 35.52 dB

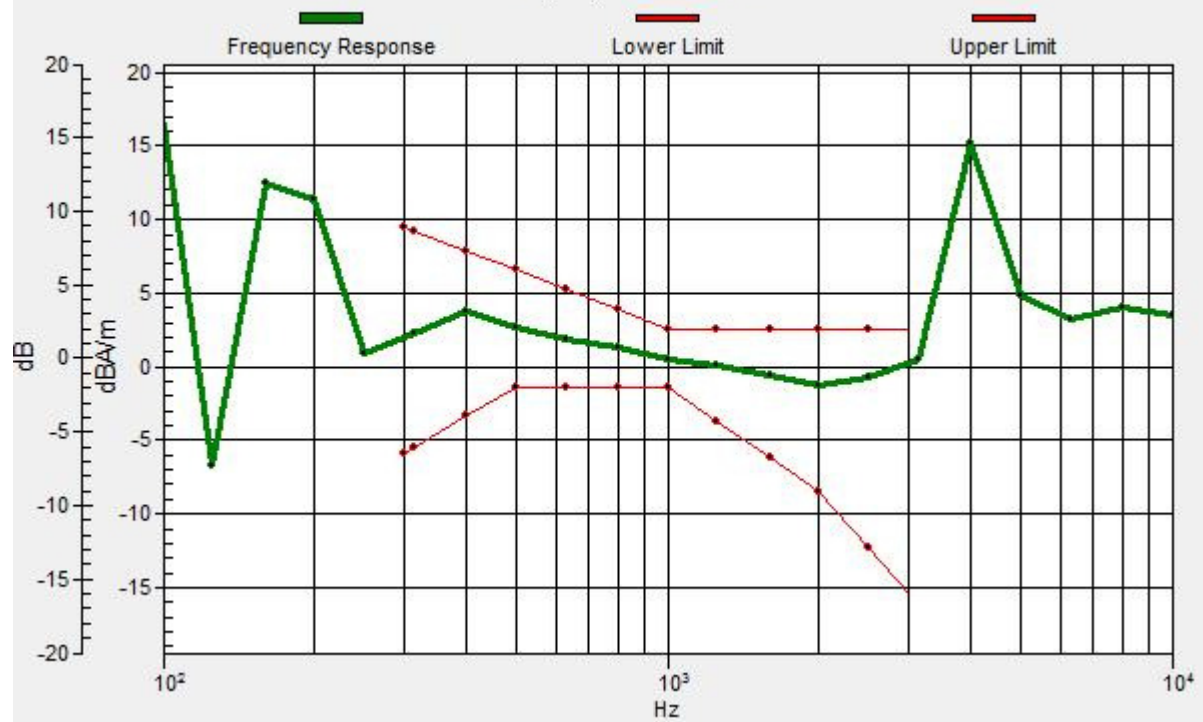
ABM1 comp = 3.18 dBA/m

Location: -4.2, 4.2, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -4.2, 4.2, 3.7 mm Diff: 2dB



#07_HAC_T-Coil_GSM850_Voice(speech codec handset low)_Ch189_Transversal (Y)

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

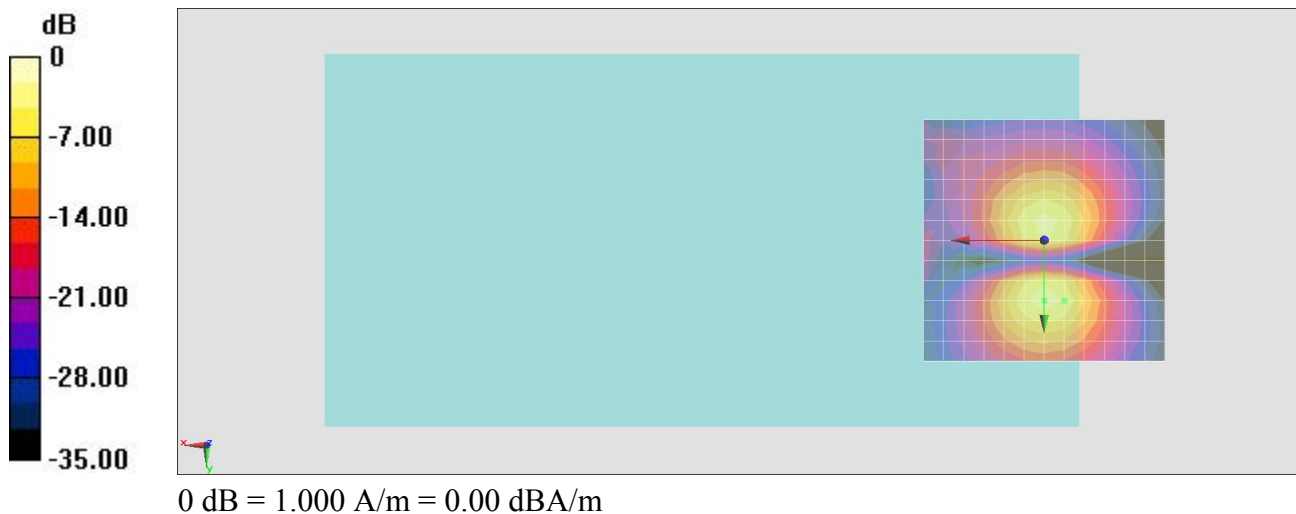
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 37.74 dB

ABM1 comp = -4.77 dBA/m

Location: -4.2, 12.5, 3.7 mm



#08_HAC_T-Coil_GSM1900_Voice(speech codec handset low)_Ch661_Axial (Z)

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

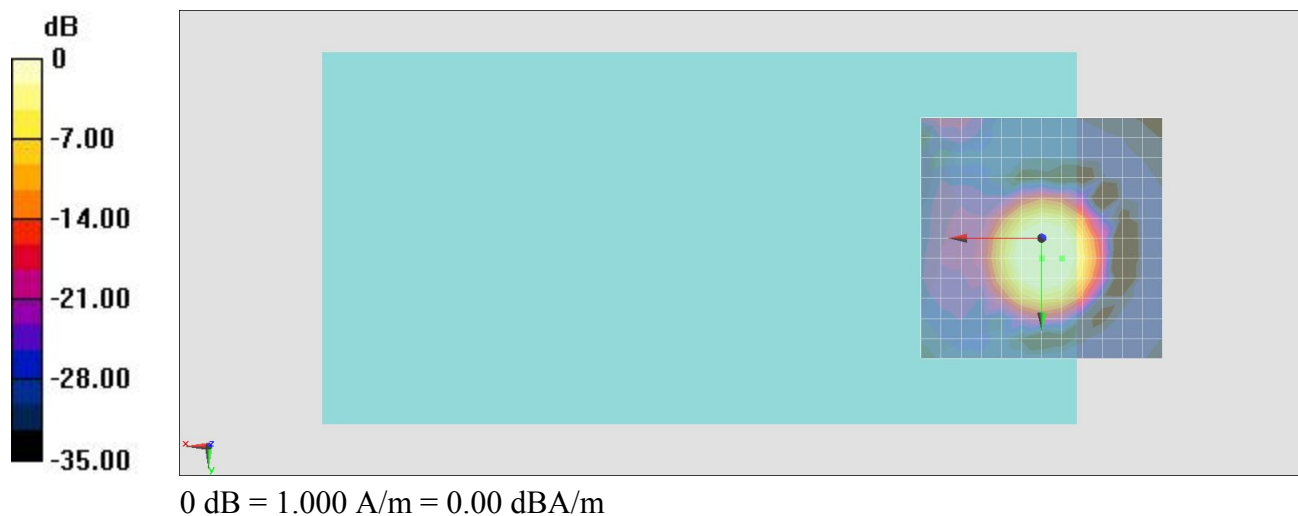
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 35.74 dB

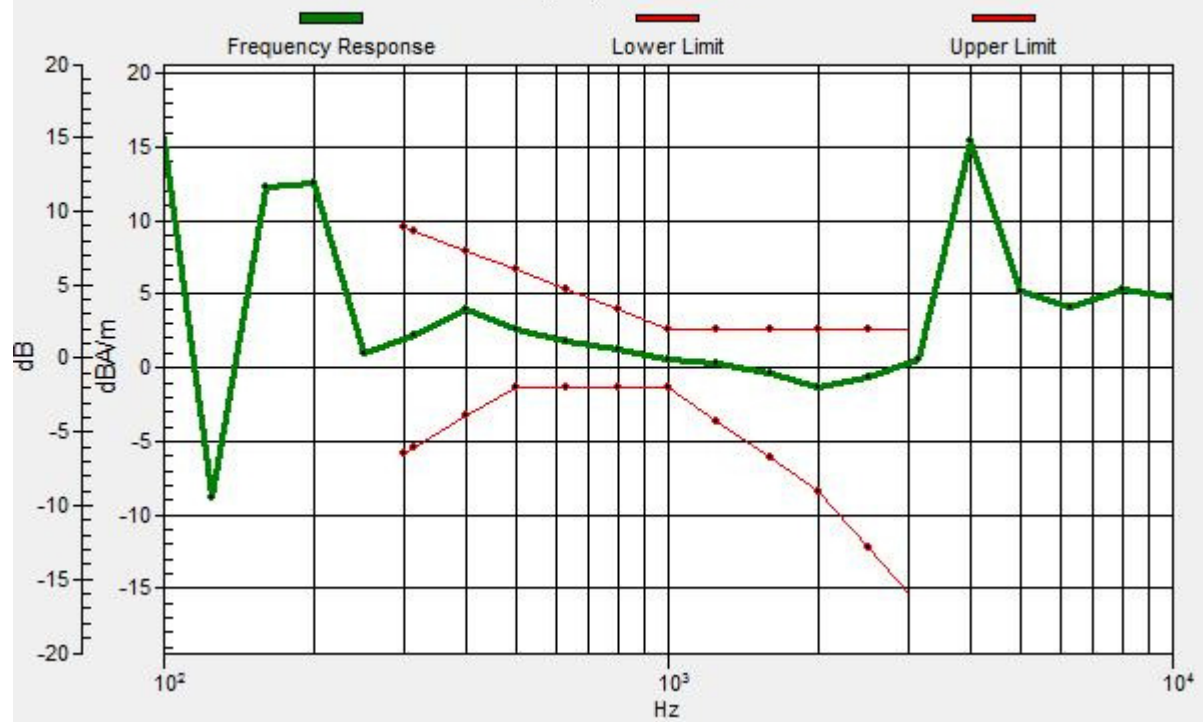
ABM1 comp = 3.30 dBA/m

Location: -4.2, 4.2, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -4.2, 4.2, 3.7 mm Diff: 2dB



#08_HAC_T-Coil_GSM1900_Voice(speech codec handset low) _Ch661_Transversal (Y)

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

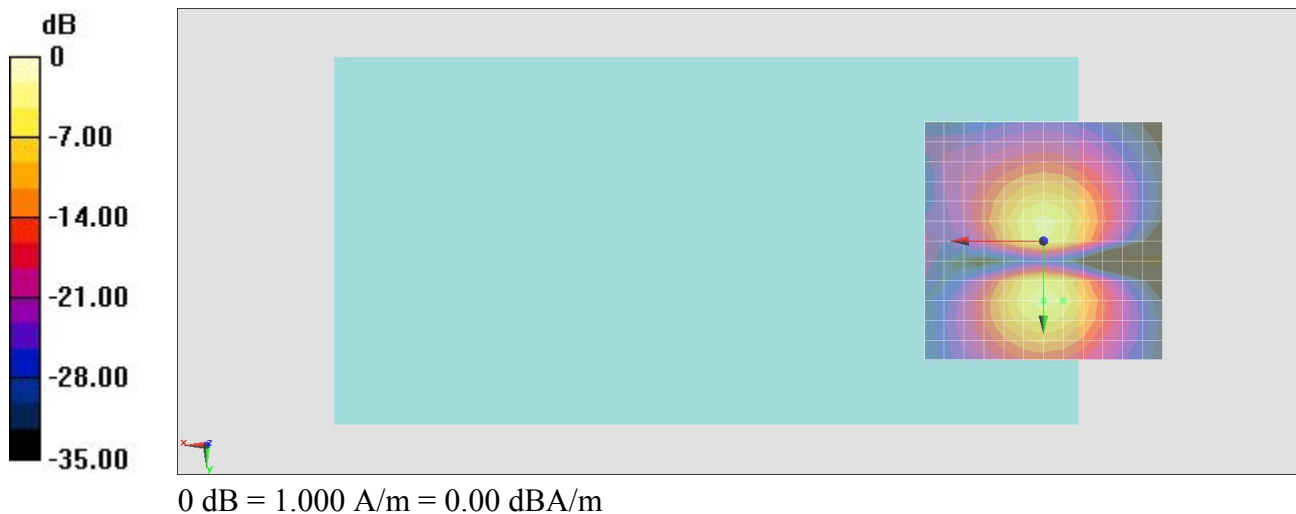
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 37.96 dB

ABM1 comp = -4.72 dBA/m

Location: -4.2, 12.5, 3.7 mm



#09_HAC_T-Coil_WCDMA II_Voice (speech codec low)_Ch9400_Axial (Z)

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

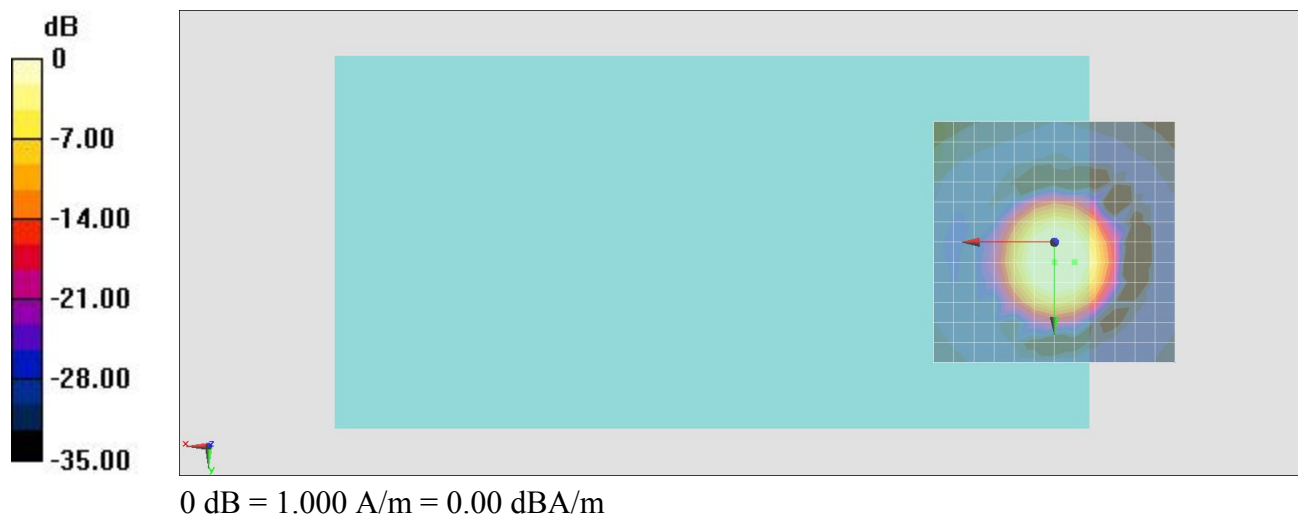
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 39.89 dB

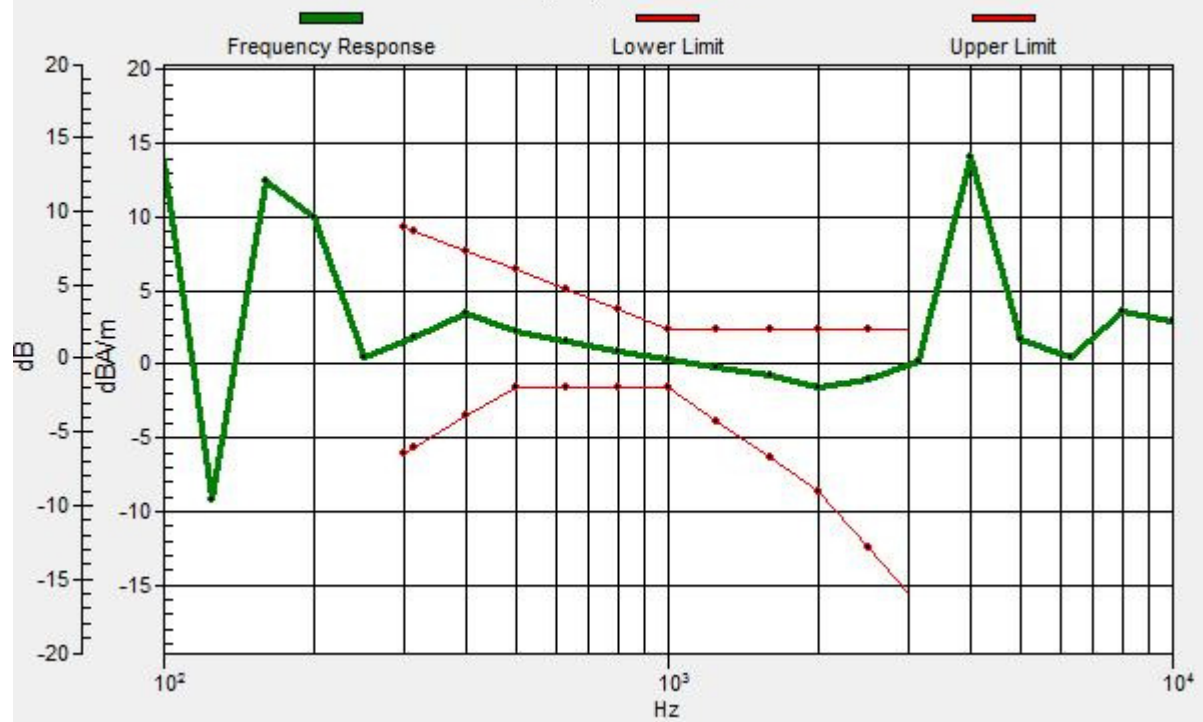
ABM1 comp = 2.93 dBA/m

Location: -4.2, 4.2, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: -4.2, 4.2, 3.7 mm Diff: 2dB



#09_HAC_T-Coil_WCDMA II_Voice (speech codec low)_Ch9400_Transversal (Y)

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

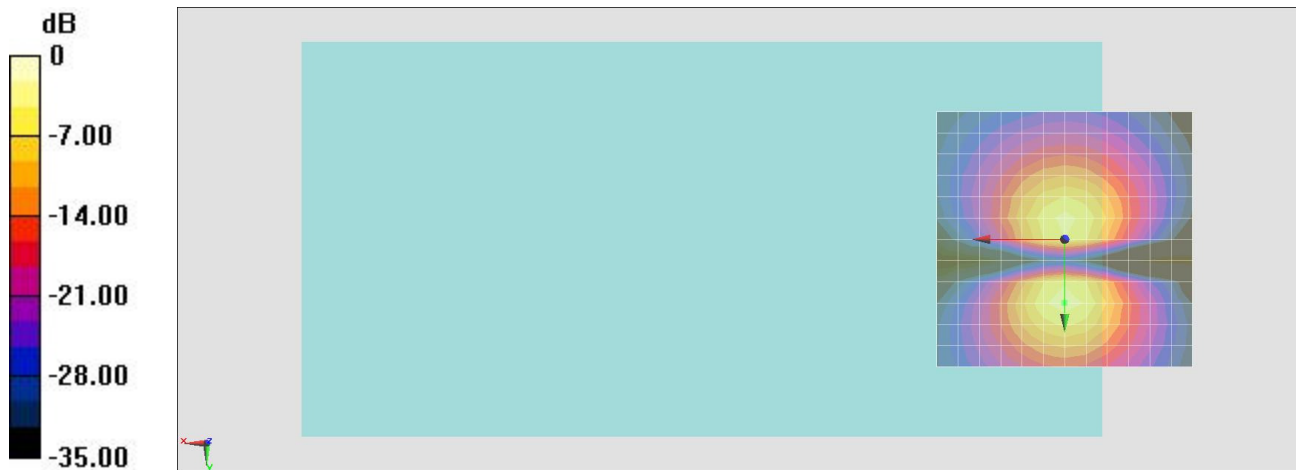
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 38.84 dB

ABM1 comp = -3.27 dBA/m

Location: 0, 12.5, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

#10_HAC_T-Coil_WCDMA IV_Voice (speech codec low)_Ch1413_Axial (Z)

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

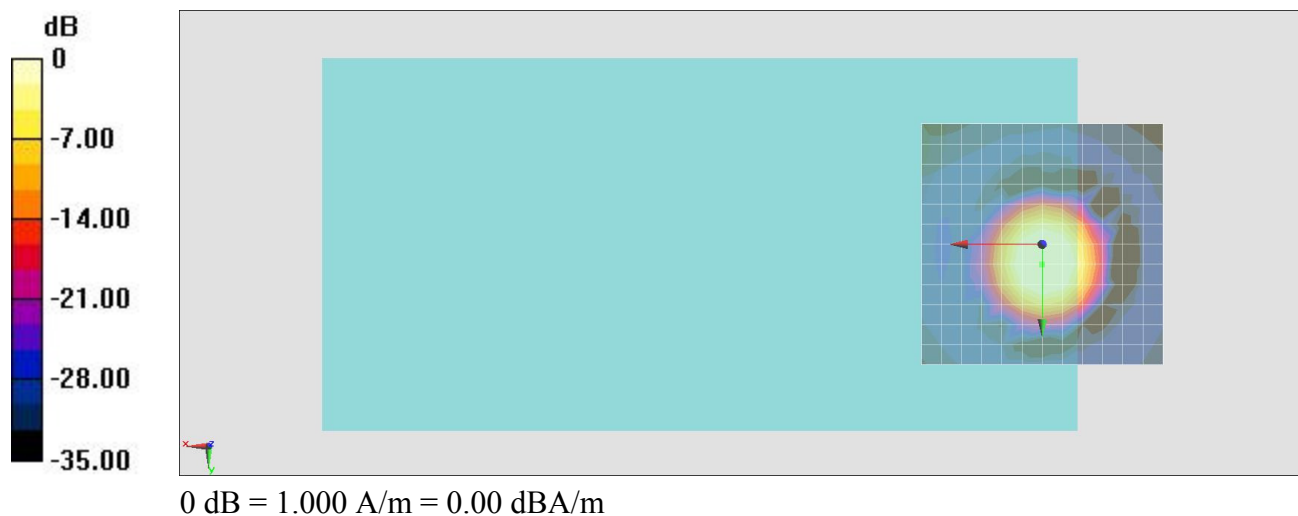
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 39.63 dB

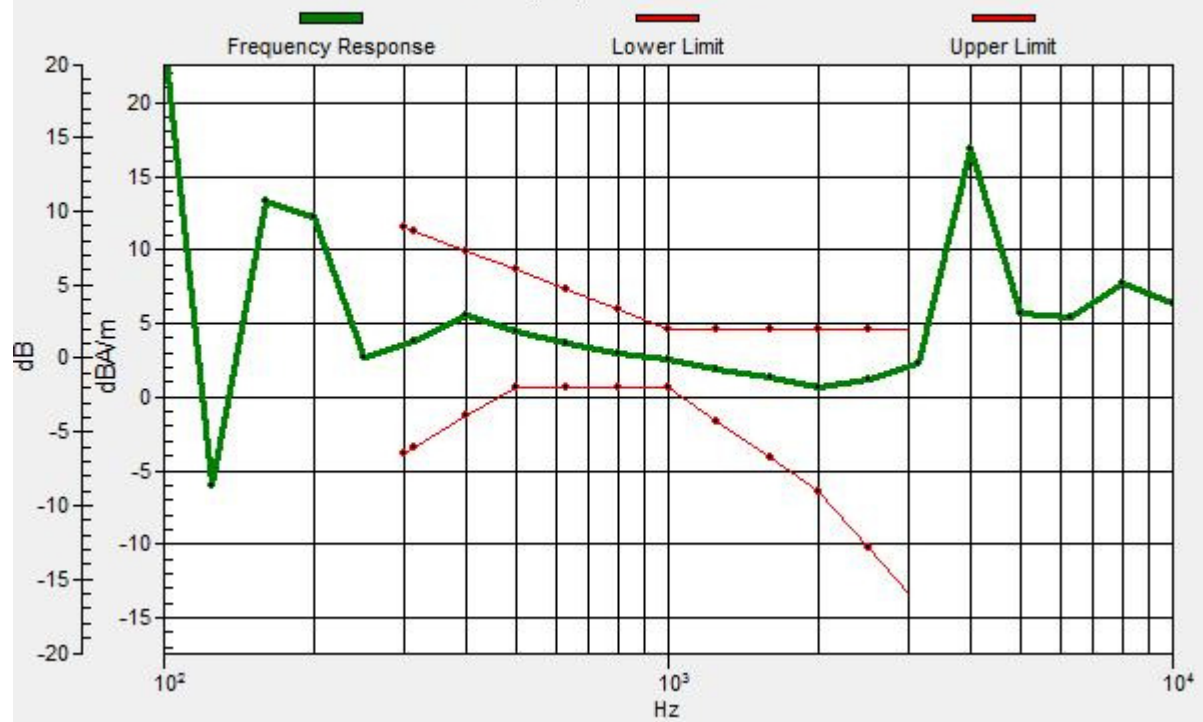
ABM1 comp = 5.09 dBA/m

Location: 0, 4.2, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 4.2, 3.7 mm Diff: 2dB



#10_HAC_T-Coil_WCDMA IV_Voice (speech codec low)_Ch1413_Transversal (Y)

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

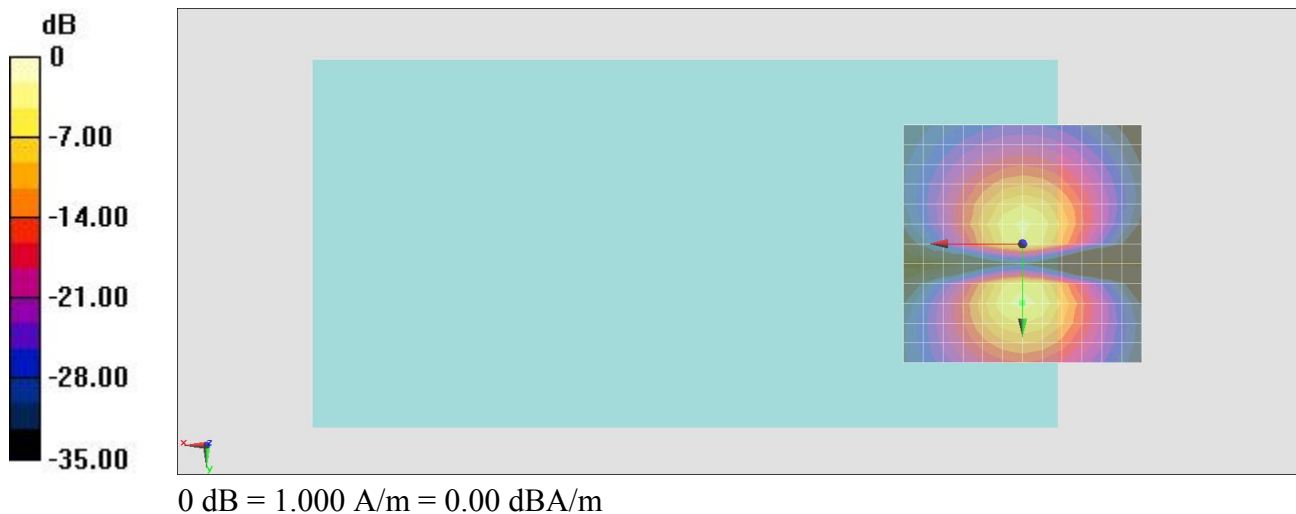
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 38.58 dB

ABM1 comp = -3.53 dBA/m

Location: 0, 12.5, 3.7 mm



#11_HAC_T-Coil_WCDMA V_Voice (speech codec low)_Ch4182_Axial (Z)

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

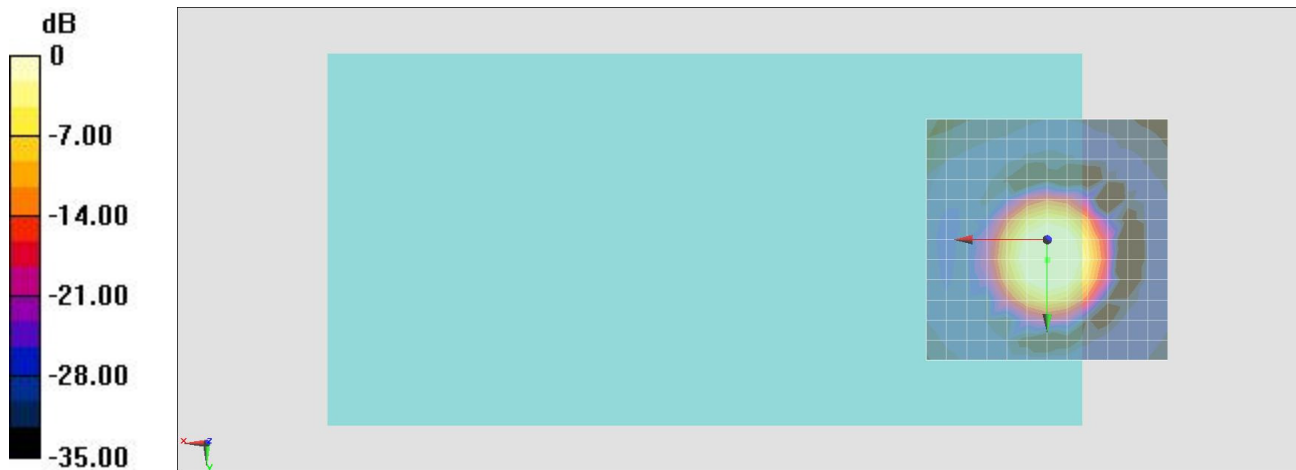
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 39.80 dB

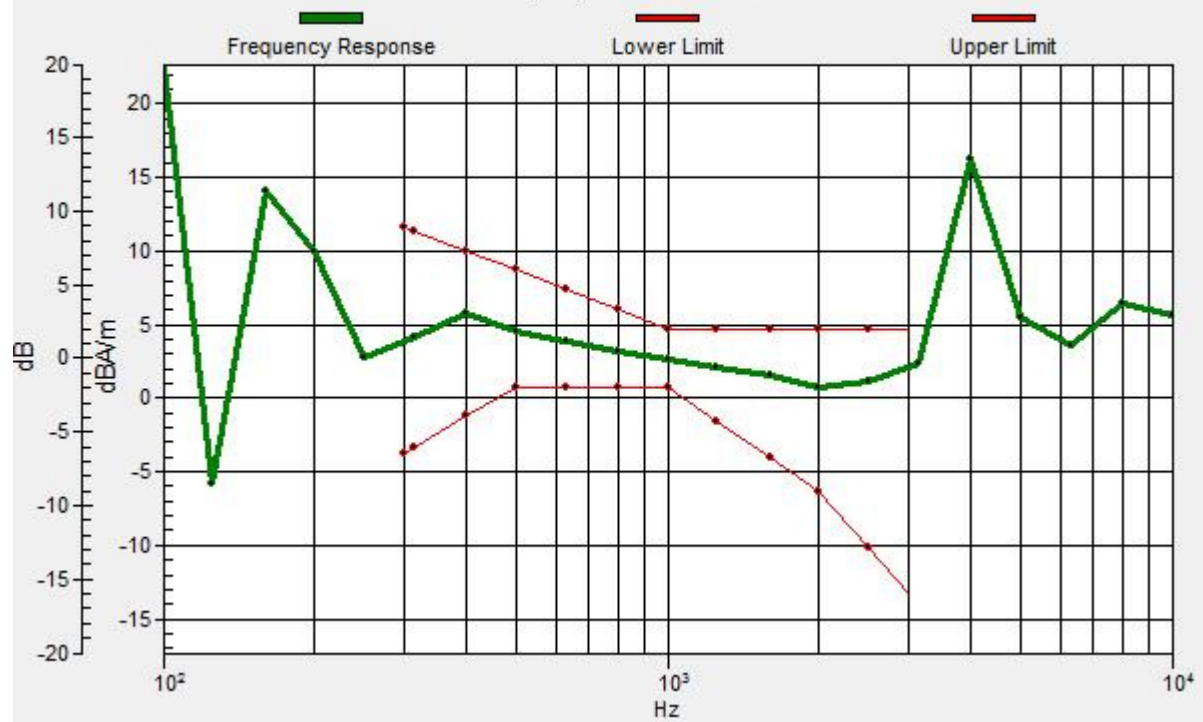
ABM1 comp = 5.41 dBA/m

Location: 0, 4.2, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 4.2, 3.7 mm Diff: 2dB



#11_HAC_T-Coil_WCDMA V_Voice (speech codec low)_Ch4182_Transversal (Y)

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

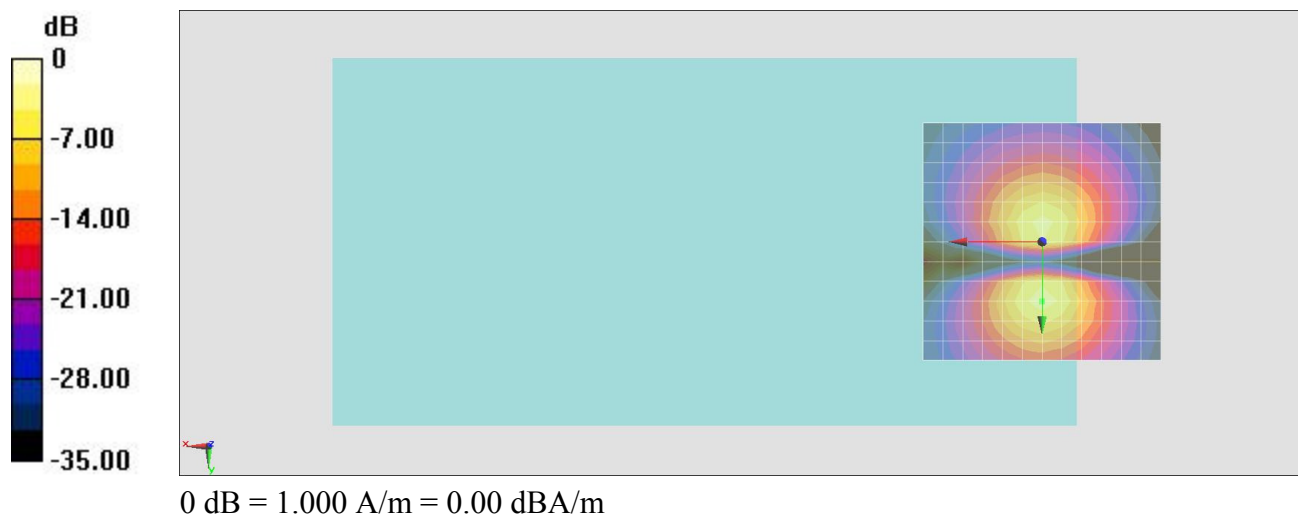
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 38.84 dB

ABM1 comp = -3.28 dBA/m

Location: 0, 12.5, 3.7 mm



**#12_HAC_T-Coil_CDMA BC0_RC1+SO3 Voice codec_8K Enhanced
low_Ch384_Axial (Z)**

Communication System: CDMA T-Coil; Frequency: 836.52 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

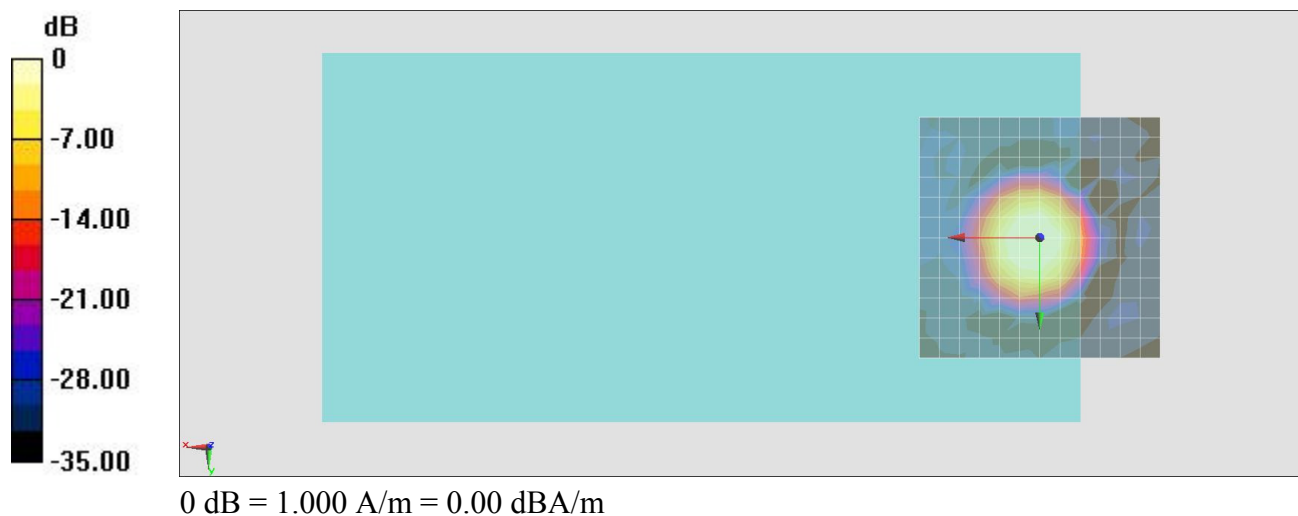
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 46.11 dB

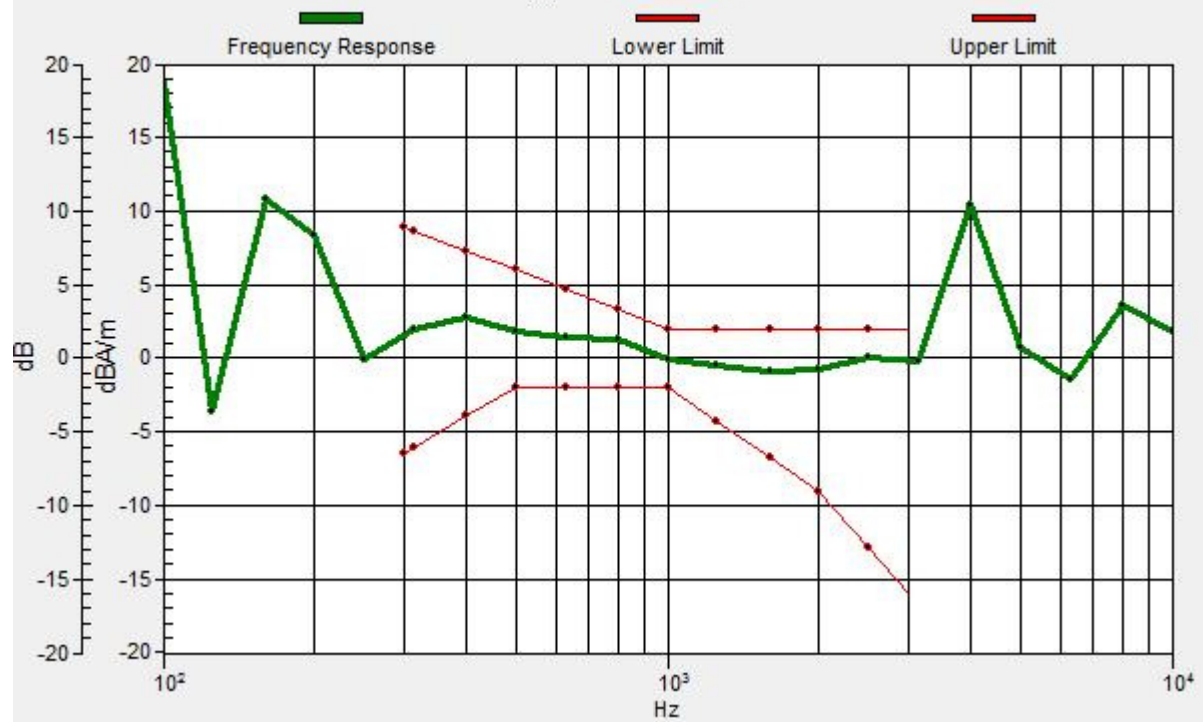
ABM1 comp = 3.72 dBA/m

Location: 0, 0, 3.7 mm



General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 0, 0, 3.7 mm Diff: 1.88dB



**#12_HAC_T-Coil_CDMA BC0_RC1+SO3 Voice codec_8K Enhanced
low_Ch384_Transversal (Y)**

Communication System: CDMA T-Coil; Frequency: 836.52 MHz; Duty Cycle: 1:8.3

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

Ambient Temperature : 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2015/11/10
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 41.78 dB

ABM1 comp = -4.91 dBA/m

Location: 0, 8.3, 3.7 mm

