

#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 : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

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

dx=10mm, dy=10mm

ABM1/ABM2 = 31.29 dB

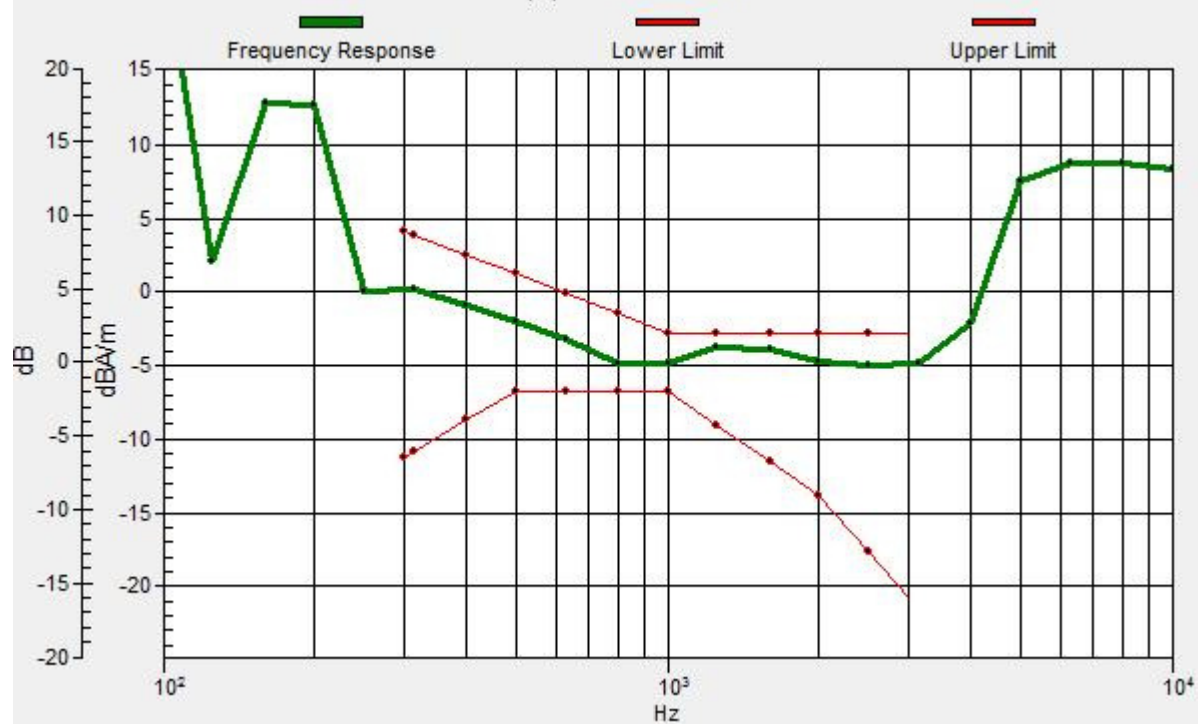
ABM1 comp = -4.34 dBA/m

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: 1.04dB



#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 : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

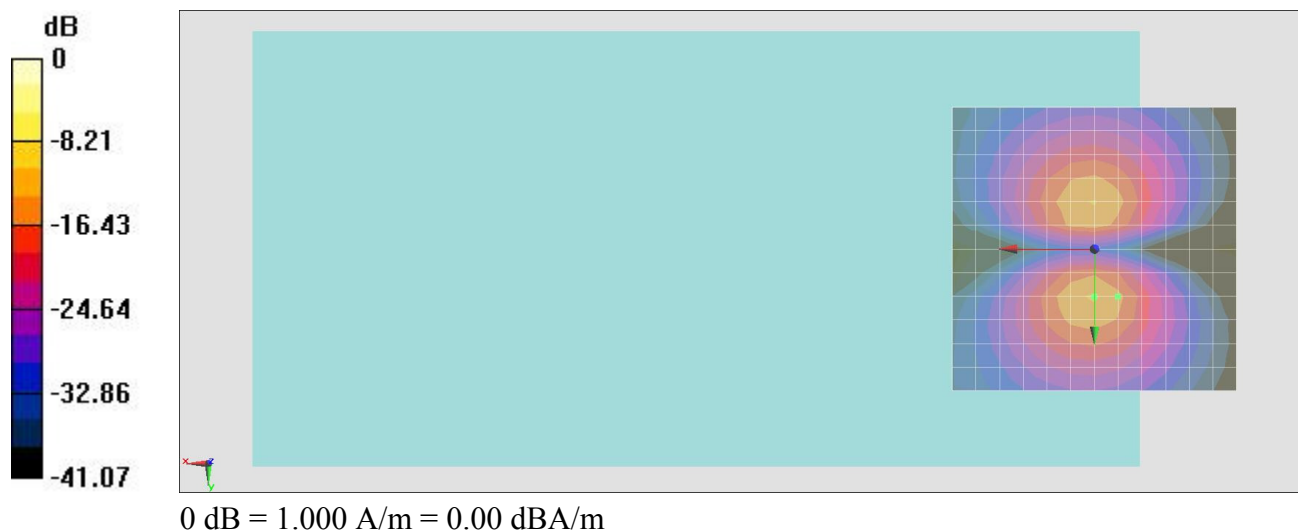
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 31.36 dB

ABM1 comp = -15.38 dBA/m

Location: -4.2, 8.3, 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 : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

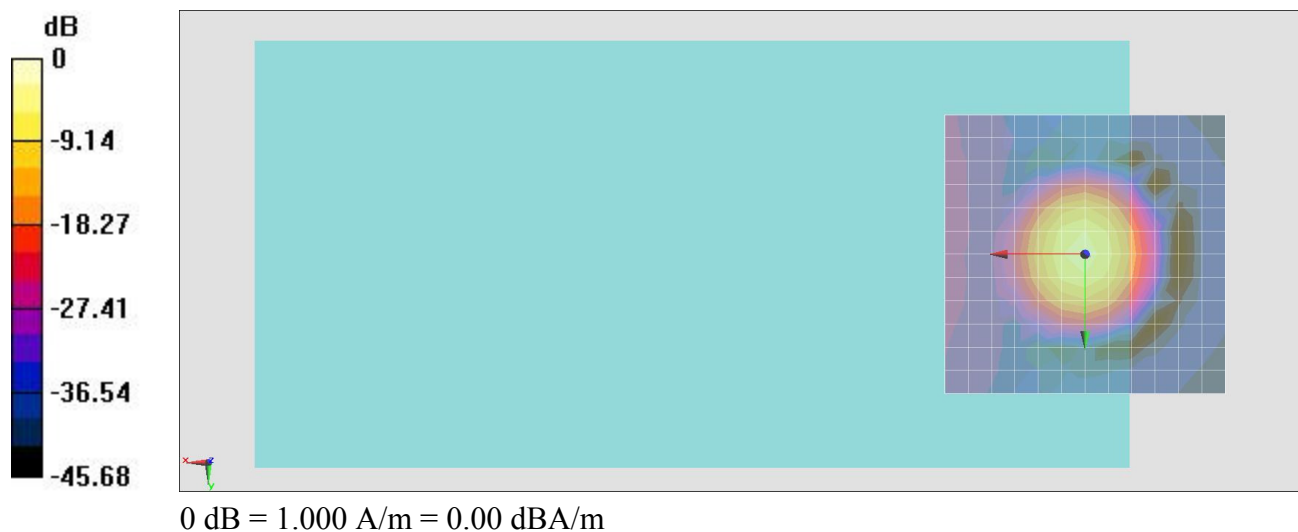
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 33.33 dB

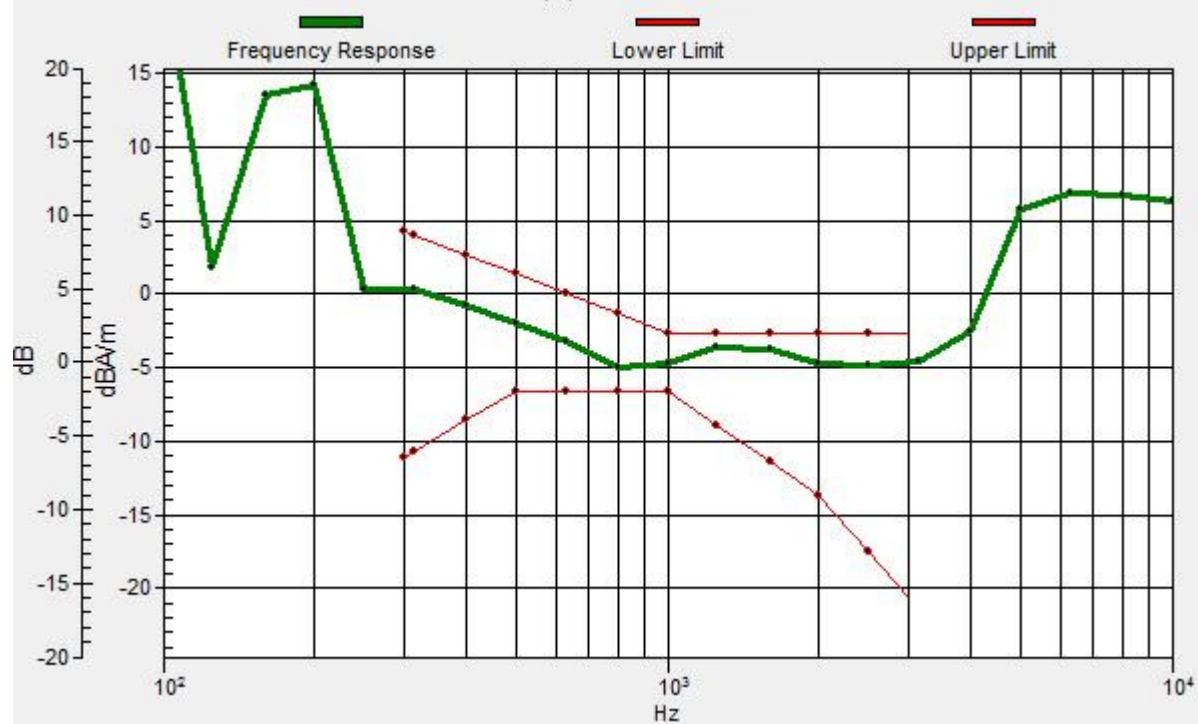
ABM1 comp = -4.23 dBA/m

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: 1dB



#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 : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

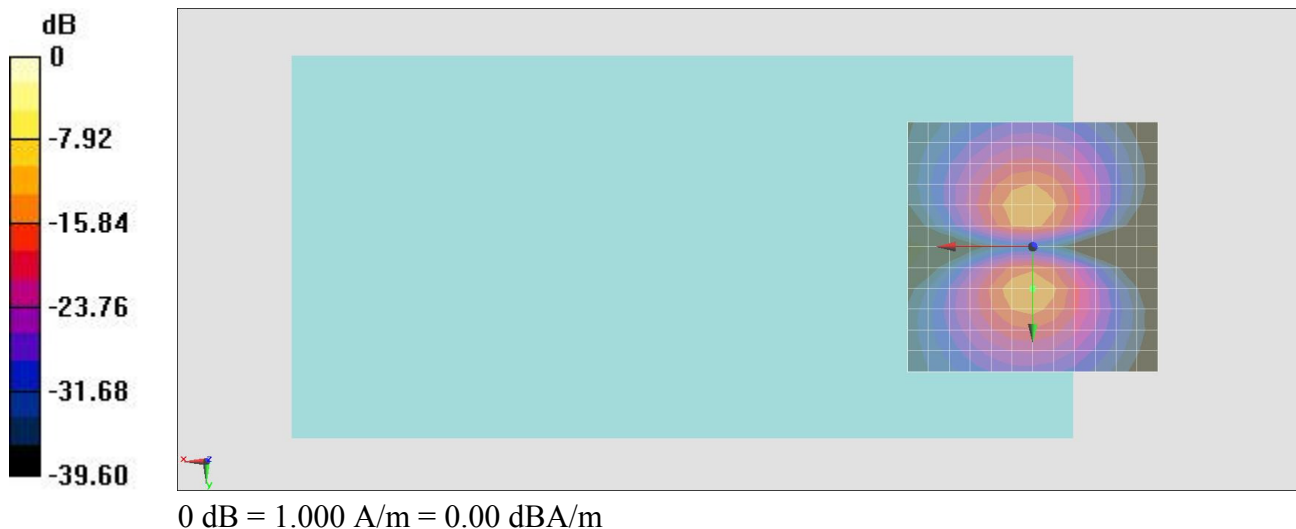
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 33.48 dB

ABM1 comp = -13.08 dBA/m

Location: 0, 8.3, 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 : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

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

dx=10mm, dy=10mm

ABM1/ABM2 = 43.11 dB

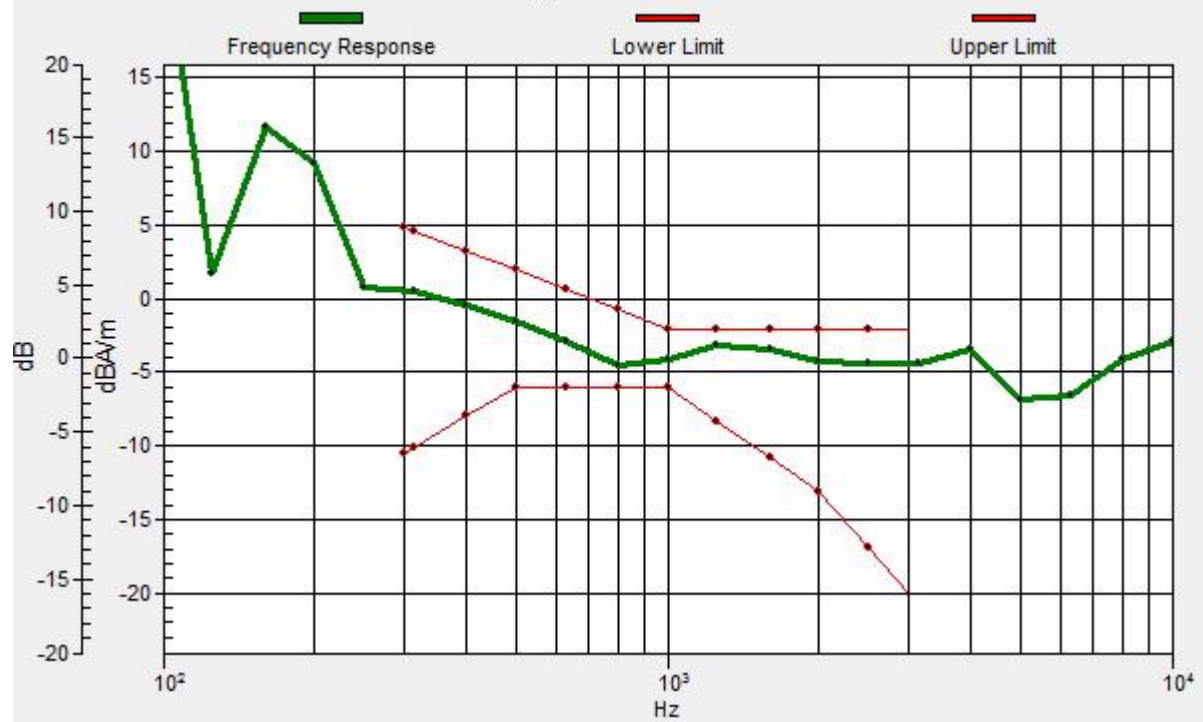
ABM1 comp = -3.80 dBA/m

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: 1.16dB



#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 : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

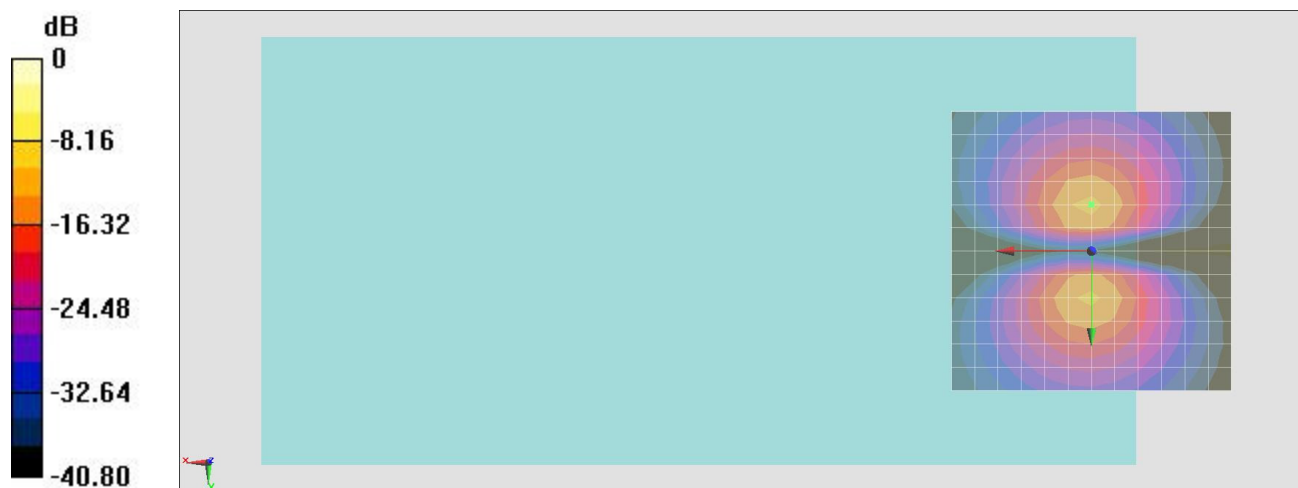
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 34.64 dB

ABM1 comp = -12.65 dBA/m

Location: 0, -8.3, 3.7 mm



#04_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 : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

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

dx=10mm, dy=10mm

ABM1/ABM2 = 42.34 dB

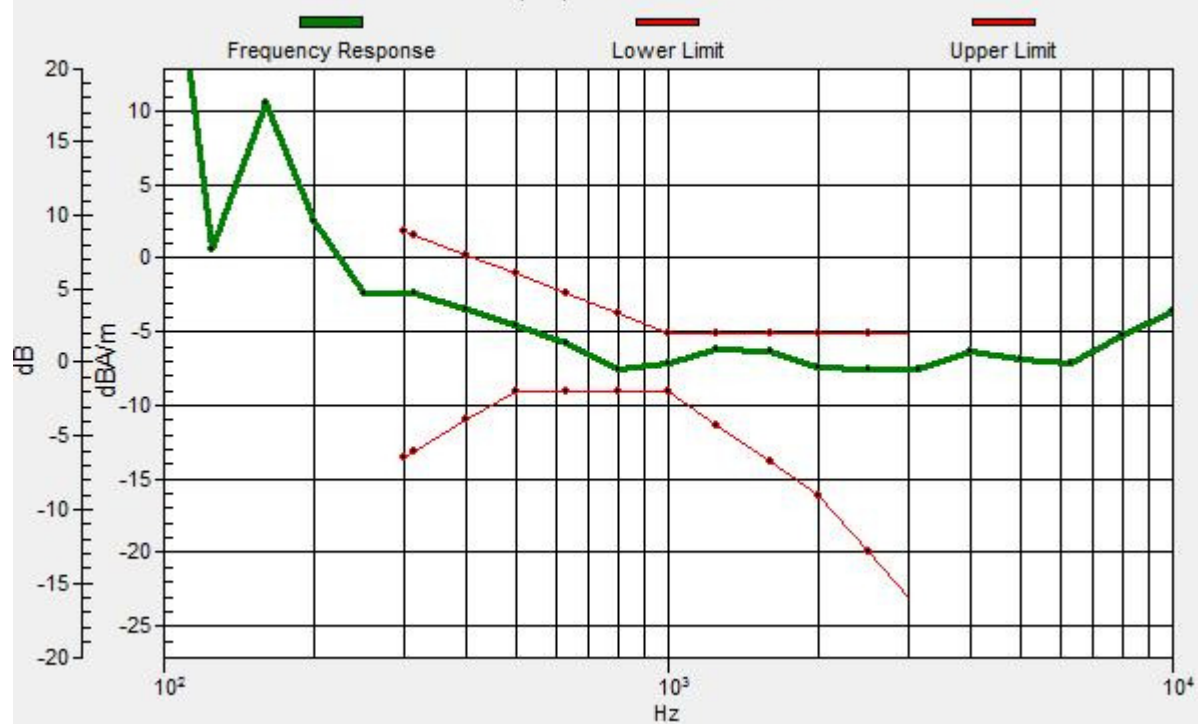
ABM1 comp = -6.75 dBA/m

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: 1.07dB



#04_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 : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

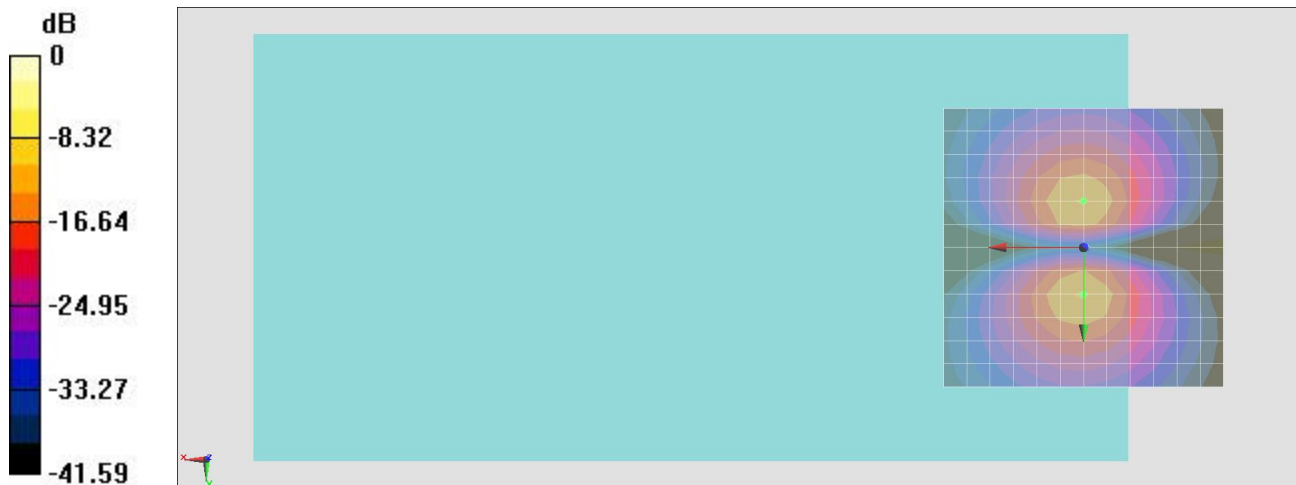
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 35.21 dB

ABM1 comp = -13.46 dBA/m

Location: 0, -8.3, 3.7 mm



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

#05_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 : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

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

dx=10mm, dy=10mm

ABM1/ABM2 = 37.76 dB

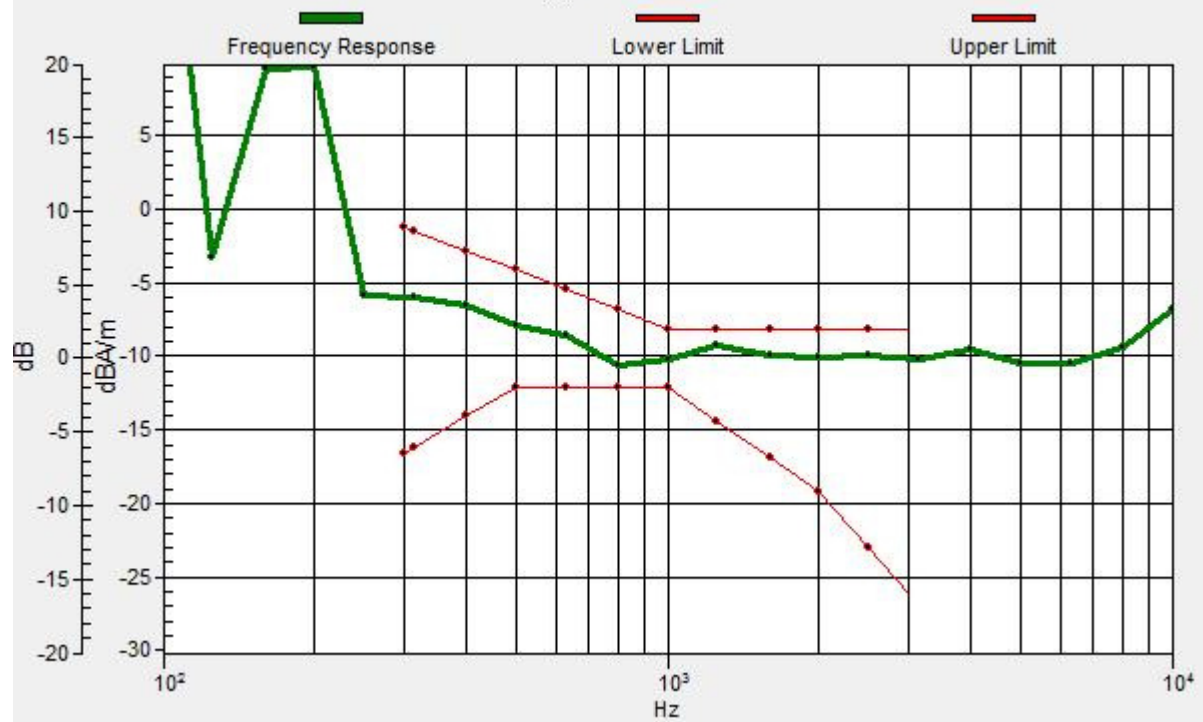
ABM1 comp = -11.79 dBA/m

Location: -4.2, 0, 3.7 mm



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

Loc: -4.2, 0, 3.7 mm Diff: 1.16dB



**#05_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 : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

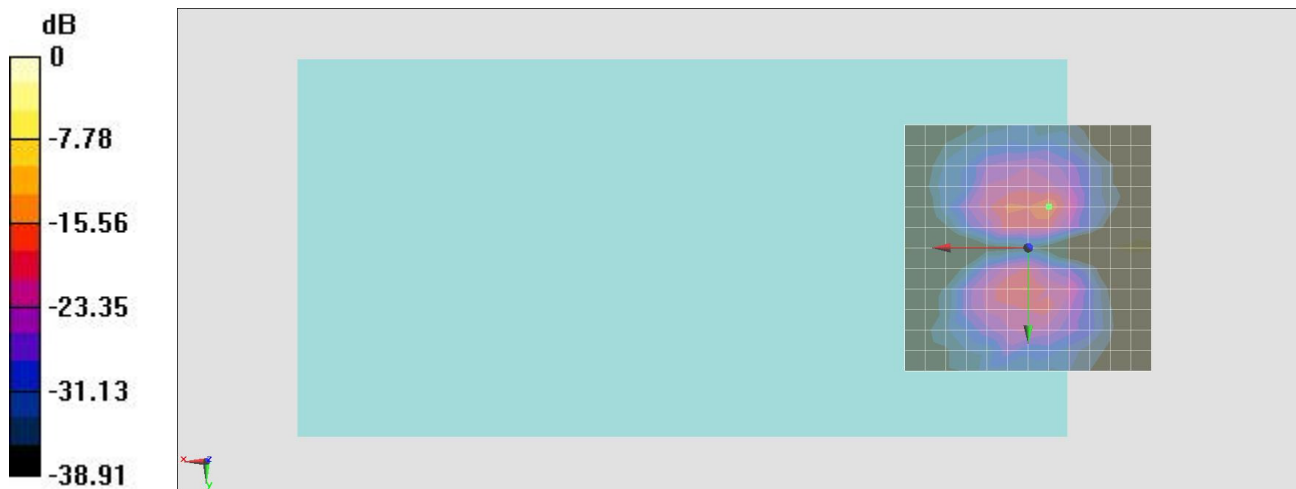
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 33.52 dB

ABM1 comp = -14.93 dBA/m

Location: -4.2, -8.3, 3.7 mm



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

Communication System: CDMA ; 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 : 23.3 °C

- 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 (8); SEMCAD X Version 14.6.10 (7331)

General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 37.09 dB
ABM1 comp = -7.54 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: 1.02dB



#06_HAC_T-Coil_CDMA BC1_RC1+SO3 Voice codec_8K Enhanced low_Ch600_Transversal (Y)

Communication System: CDMA T-Coil; 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 : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

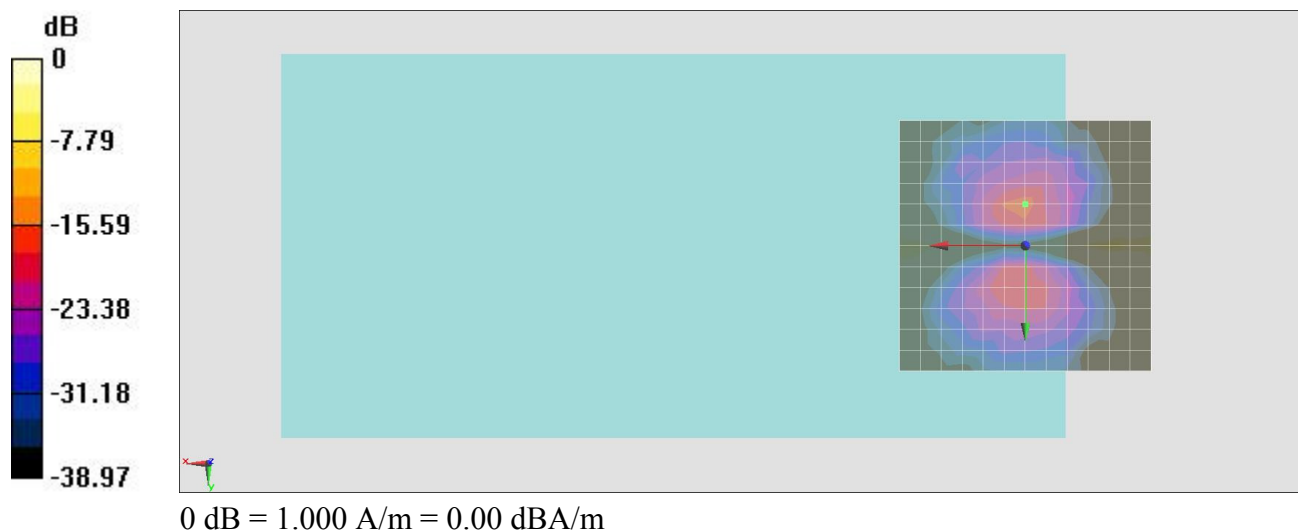
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 31.33 dB

ABM1 comp = -16.25 dBA/m

Location: 0, -8.3, 3.7 mm



#07_HAC_T-Coil_LTE Band 2_20M_QPSK_1RB_0offset_NB AMR 4.75Kbps_Ch18900_Axial (Z)

Communication System: LTE ; 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 : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

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

dx=10mm, dy=10mm

ABM1/ABM2 = 32.41 dB

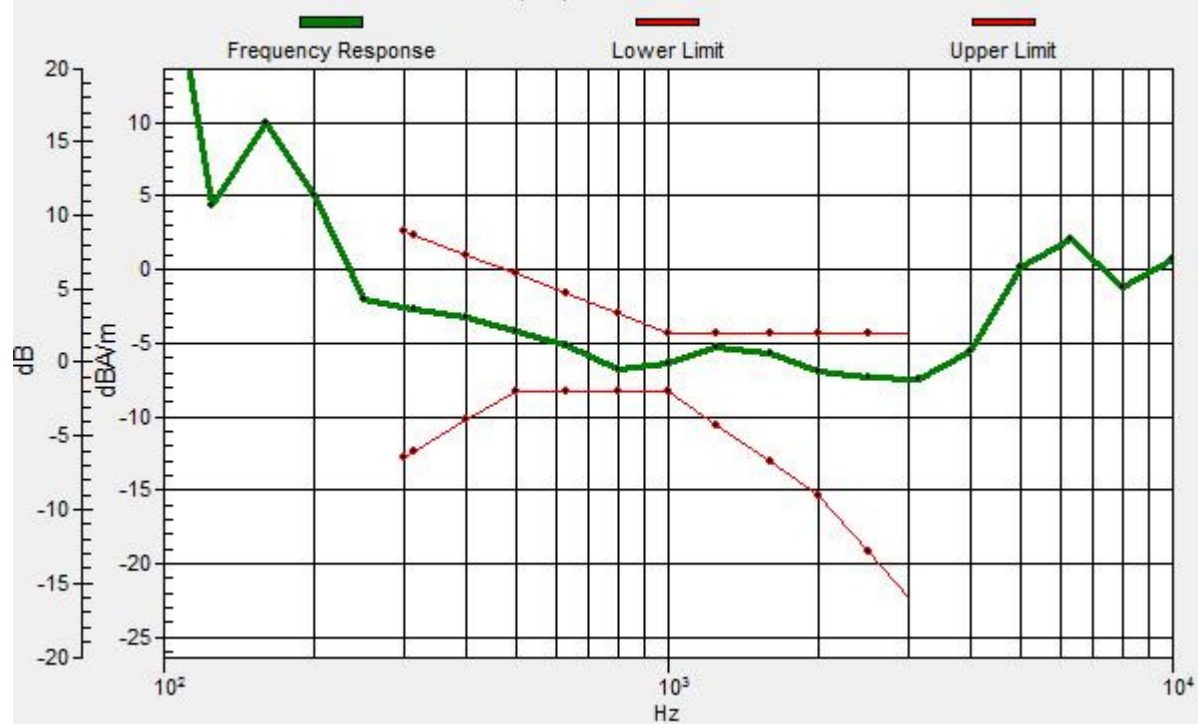
ABM1 comp = -6.50 dBA/m

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: 1.01dB



**#07_HAC_T-Coil_LTE Band 2_20M_QPSK_1RB_0offset_NB AMR
4.75Kbps_Ch18900_Transversal (Y)**

Communication System: LTE ; 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 : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

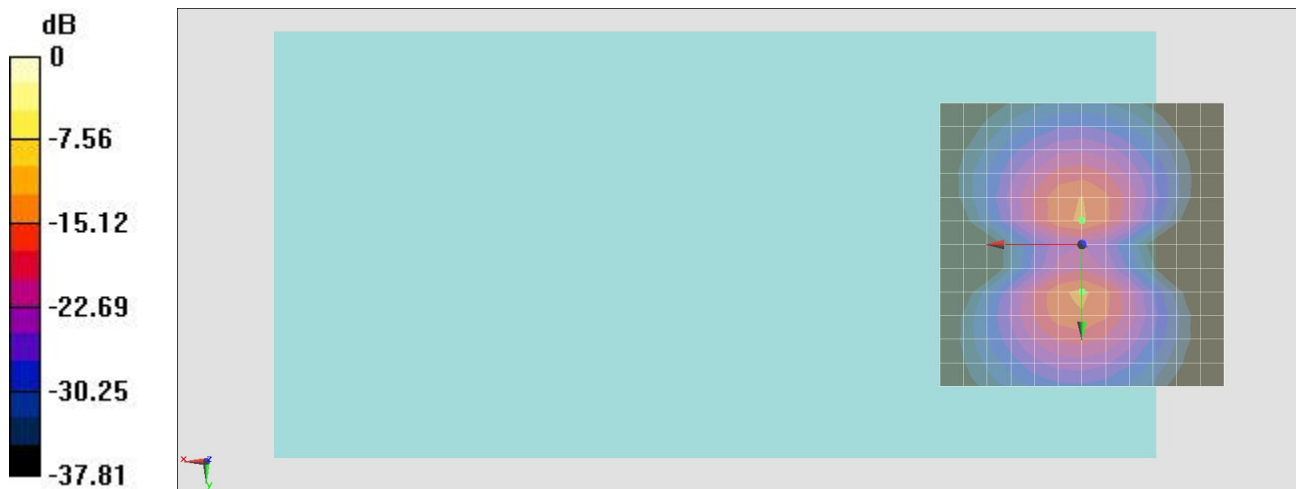
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 30.71 dB

ABM1 comp = -14.66 dBA/m

Location: 0, -4.2, 3.7 mm



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

**#08_HAC_T-Coil_LTE Band 4_20M_QPSK_1RB_0offset_NB AMR
4.75Kbps_Ch20175_Axial (Z)**

Communication System: LTE ; Frequency: 1732.5 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

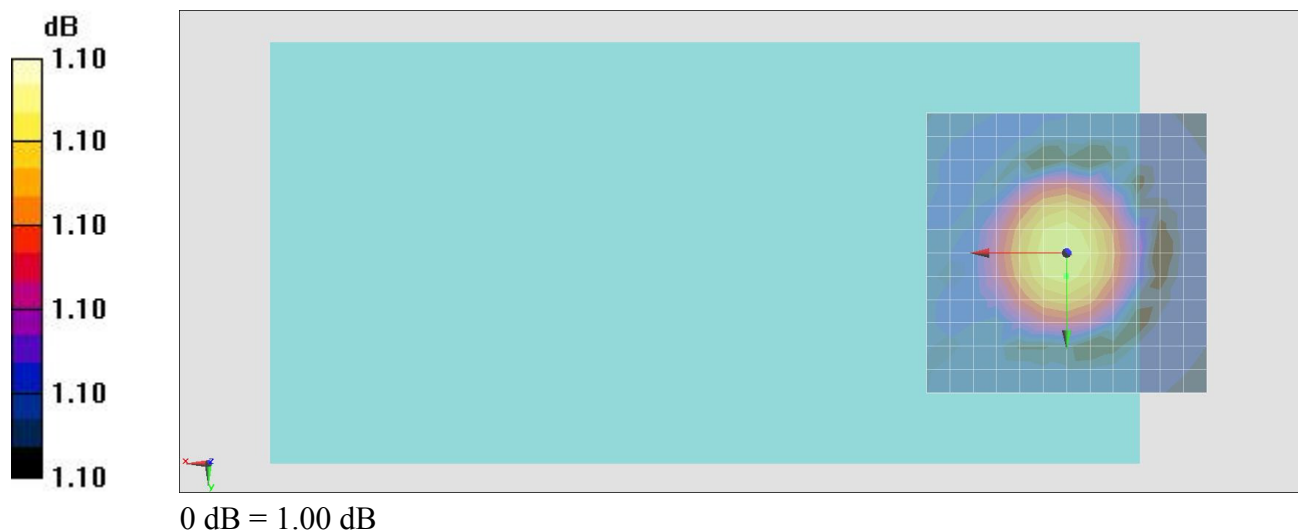
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 34.89 dB

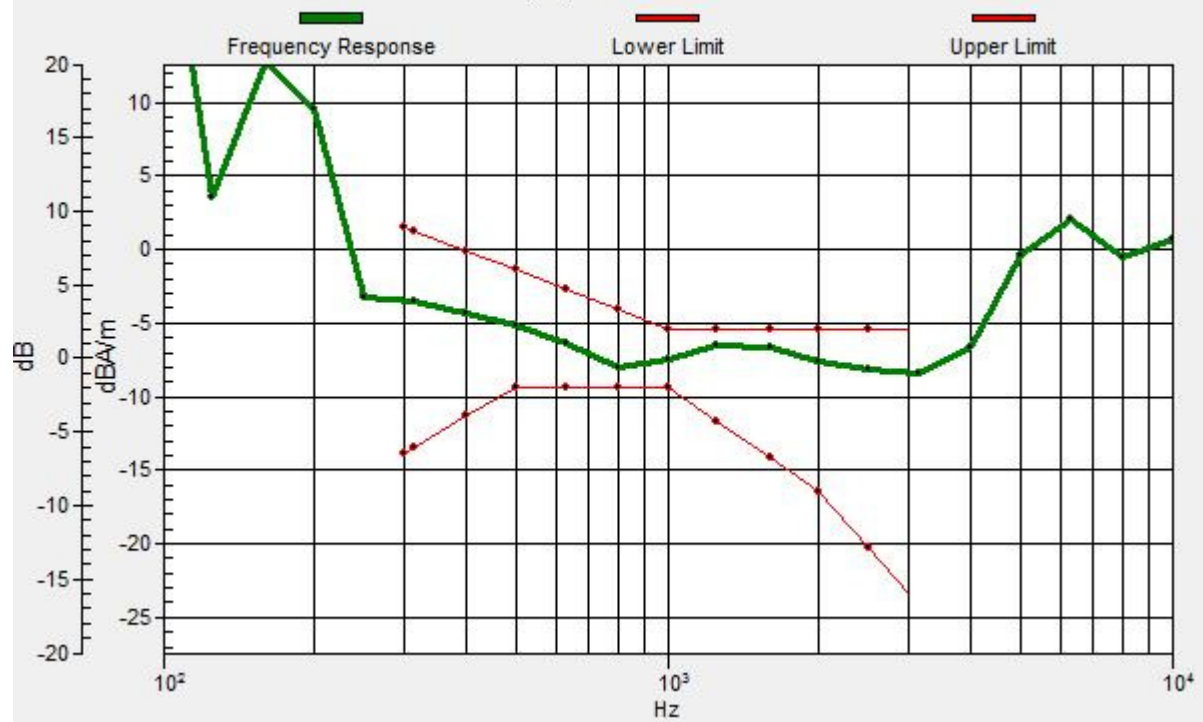
ABM1 comp = -7.60 dBA/m

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: 1.1dB



**#08_HAC_T-Coil_LTE Band 4_20M_QPSK_1RB_0offset_NB AMR
4.75Kbps_Ch20175_Transversal (Y)**

Communication System: LTE ; Frequency: 1732.5 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

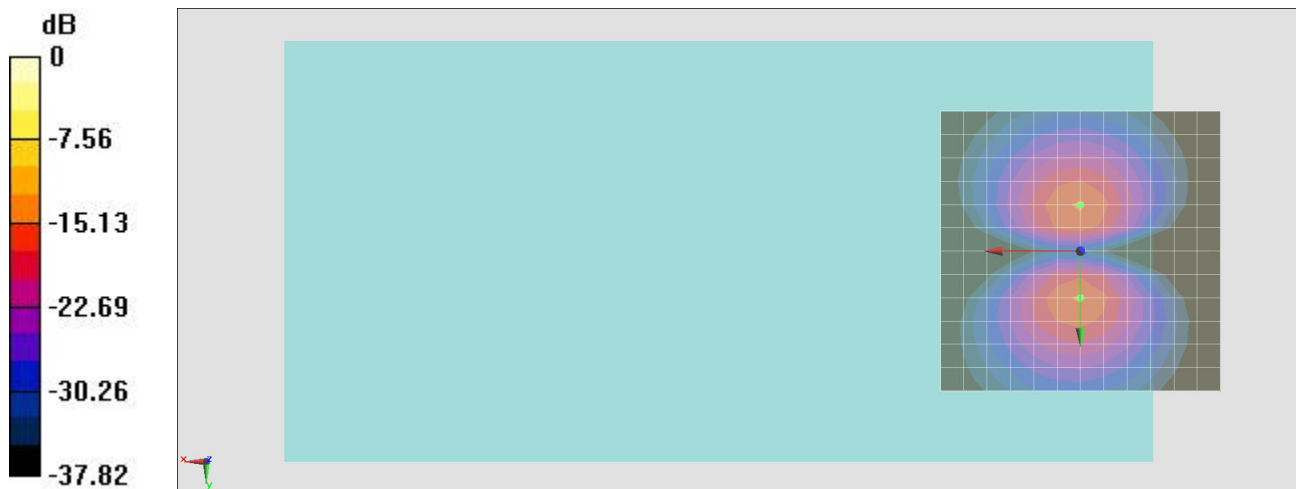
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 32.56 dB

ABM1 comp = -14.69 dBA/m

Location: 0, -8.3, 3.7 mm



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

**#09_HAC_T-Coil_LTE Band 5_10M_QPSK_1RB_0offset_NB AMR
4.75Kbps_Ch20525_Axial (Z)**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

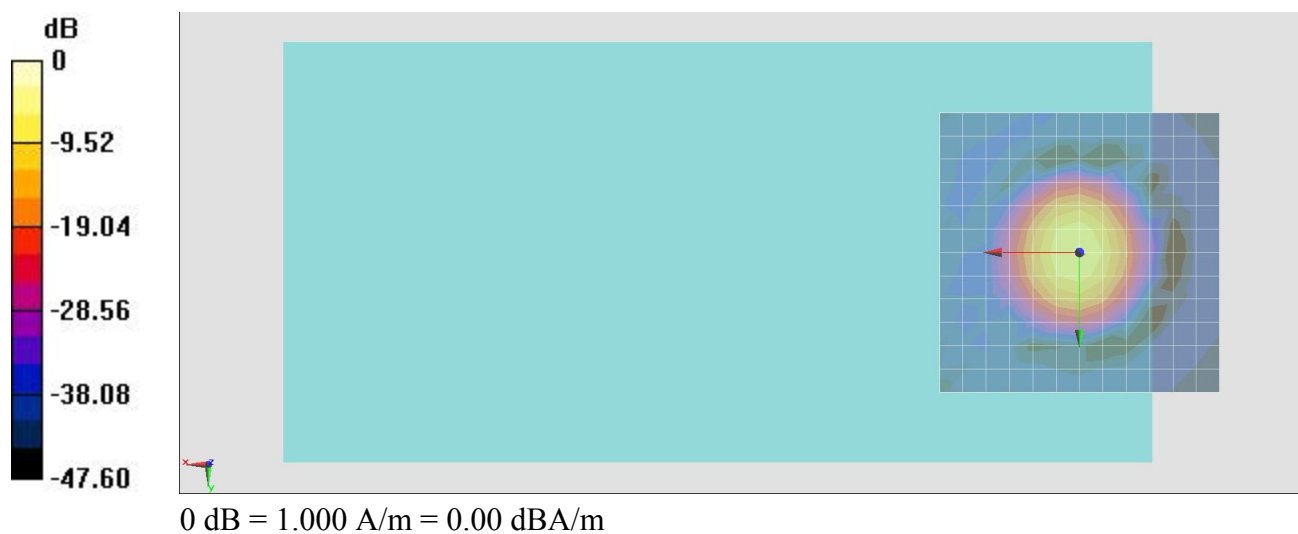
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 34.80 dB

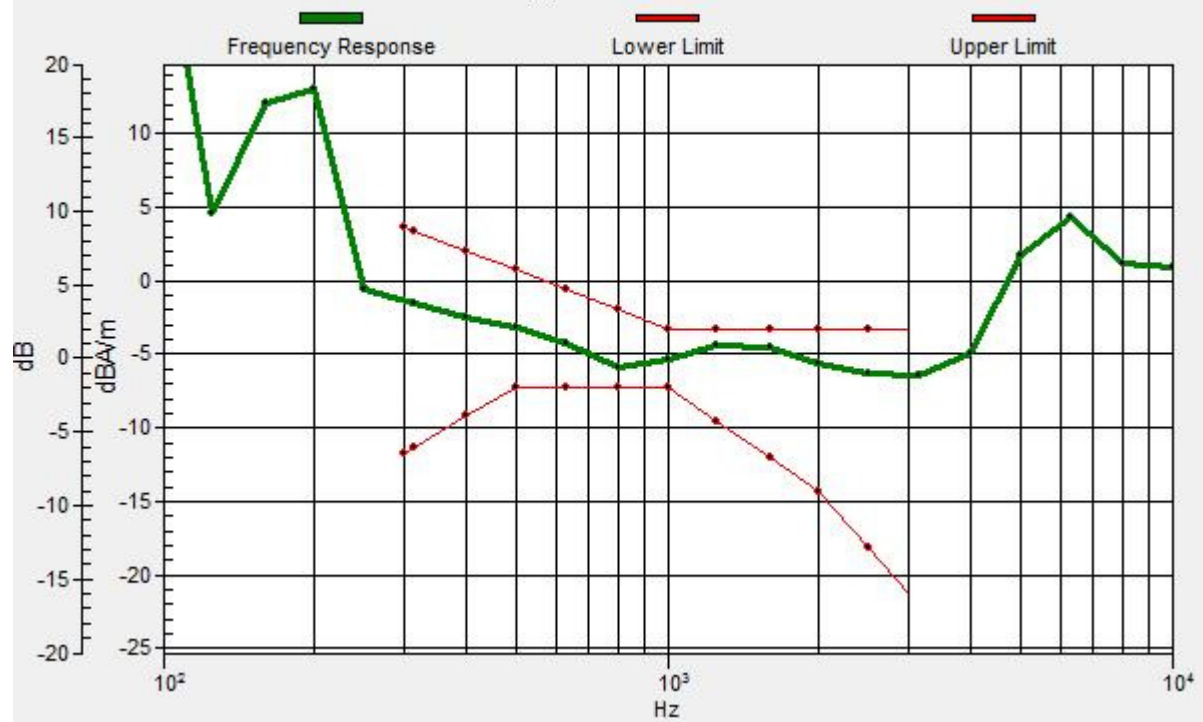
ABM1 comp = -5.56 dBA/m

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: 1.08dB



**#09_HAC_T-Coil_LTE Band 5_10M_QPSK_1RB_0offset_NB AMR
4.75Kbps_Ch20525_Transversal (Y)**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

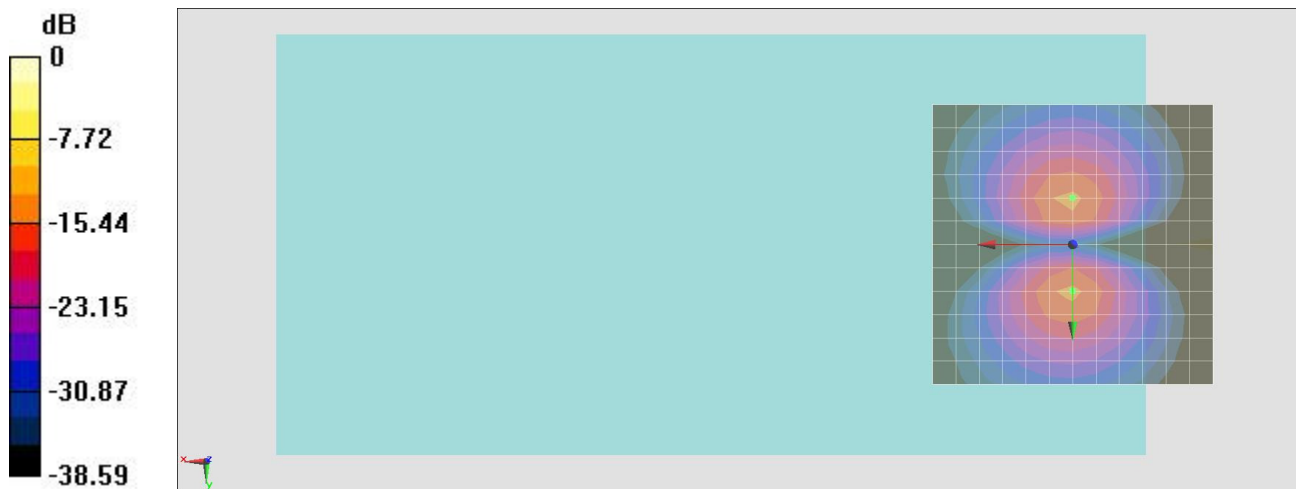
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 31.54 dB

ABM1 comp = -14.63 dBA/m

Location: 0, -8.3, 3.7 mm



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

**#10_HAC_T-Coil_LTE Band 7_20M_QPSK_1RB_0offset_NB AMR
4.75Kbps_Ch21100_Axial (Z)**

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

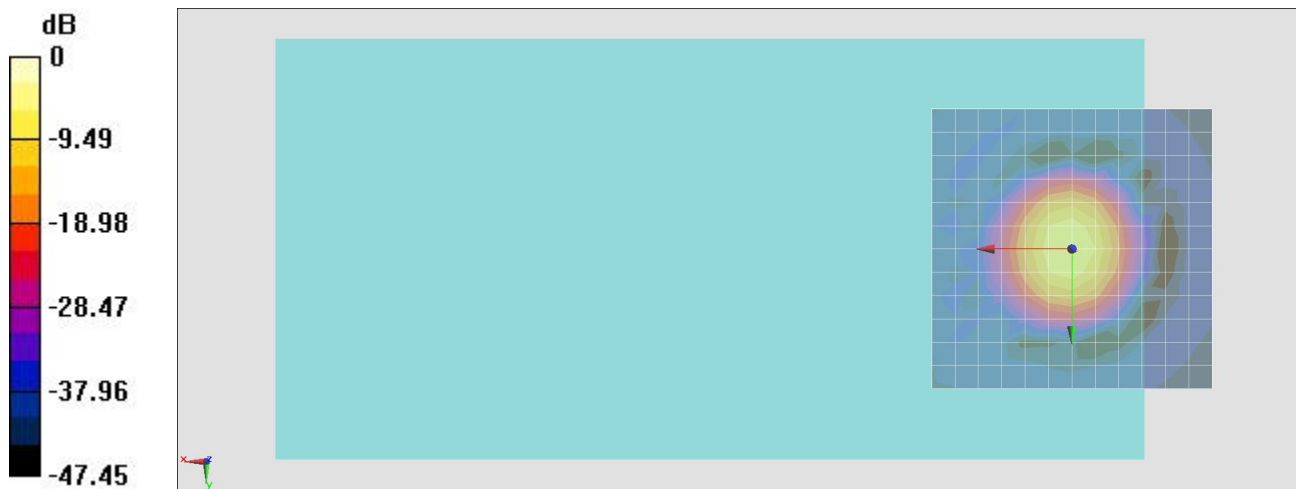
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 35.00 dB

ABM1 comp = -5.62 dBA/m

Location: 0, 0, 3.7 mm



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

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

Loc: 0, 0, 3.7 mm Diff: 1.22dB



**#10_HAC_T-Coil_LTE Band 7_20M_QPSK_1RB_0offset_NB AMR
4.75Kbps_Ch21100_Transversal (Y)**

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

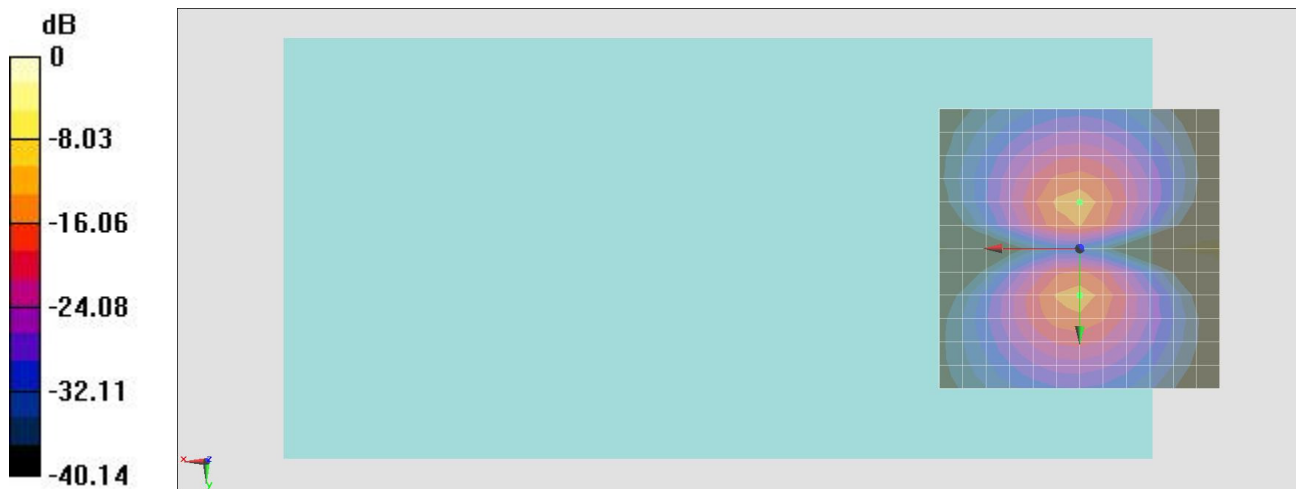
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 32.37 dB

ABM1 comp = -14.53 dBA/m

Location: 0, 8.3, 3.7 mm



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

**#11_HAC_T-Coil_LTE Band 13_10M_QPSK_1RB_0offset_NB AMR
4.75Kbps_Ch23230_Axial (Z)**

Communication System: LTE ; Frequency: 782 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

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

dx=10mm, dy=10mm

ABM1/ABM2 = 35.13 dB

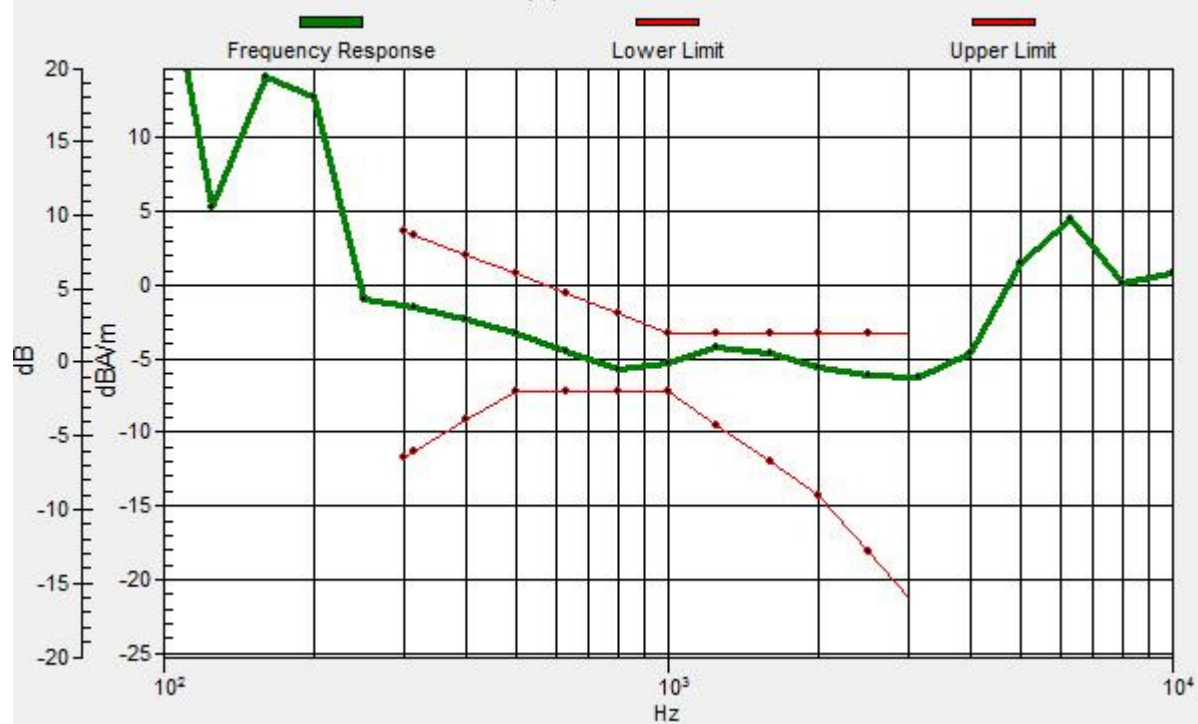
ABM1 comp = -5.30 dBA/m

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: 0.99dB



**#11_HAC_T-Coil_LTE Band 13_10M_QPSK_1RB_0offset_NB AMR
4.75Kbps_Ch23230_ATransversal (Y)**

Communication System: LTE ; Frequency: 782 MHz;Duty Cycle: 1:1

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

Ambient Temperature : 23.3 °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 (8); SEMCAD X Version 14.6.10 (7331)

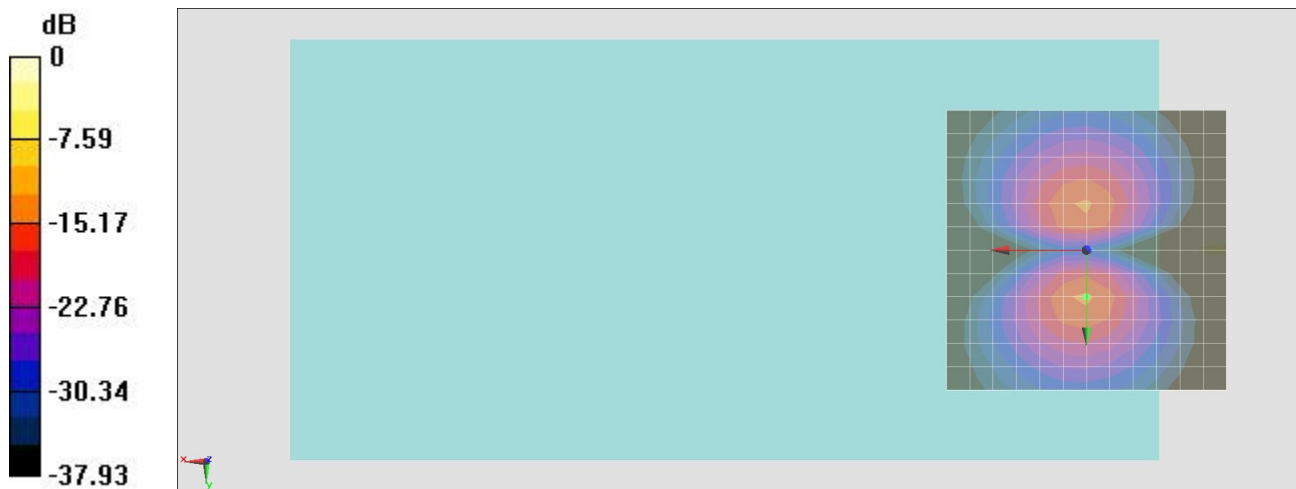
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 32.05 dB

ABM1 comp = -14.47 dBA/m

Location: 0, 8.3, 3.7 mm



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