01 HAC T-Coil GSM850_Voice_Ch189(Z)

Communication System: UID 0, General GSM (0); Frequency: 836.4 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

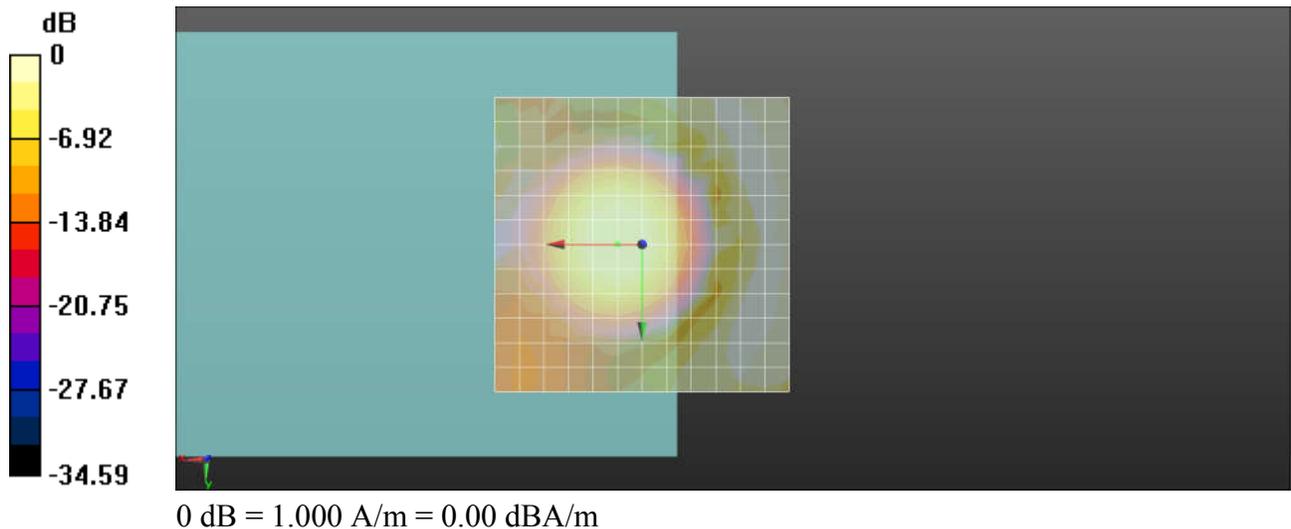Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- 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)

Ch189/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm
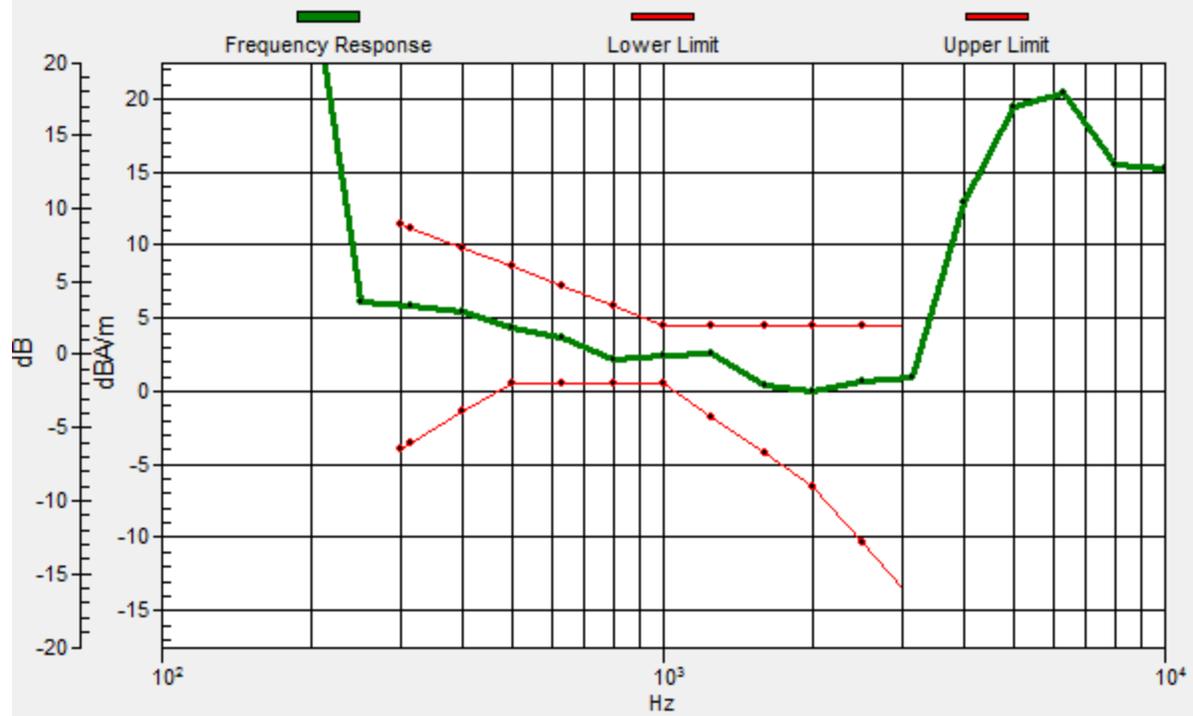
ABM1/ABM2 = 22.20 dB

ABM1 comp = 1.60 dBA/m

Location: 4.2, 0, 3.7 mm

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

Ch189/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.2, 0, 3.7 mm Diff: 1.7dB

Frequency Response   Lower Limit   Upper Limit

01 HAC T-Coil GSM850_Voice_Ch189(Y)

Communication System: UID 0, General GSM (0); Frequency: 836.4 MHz
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
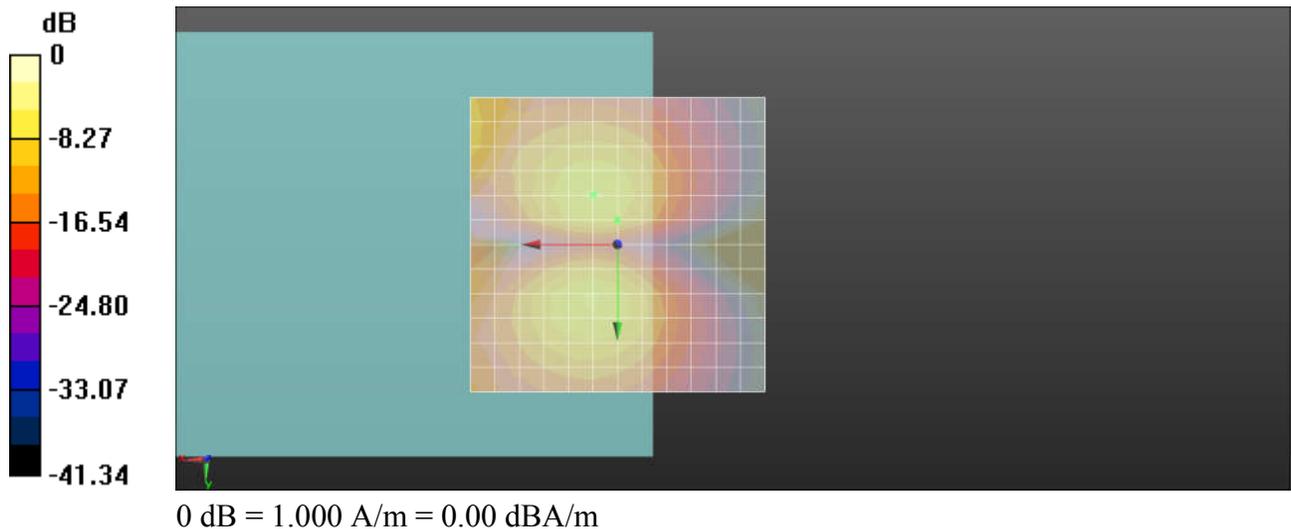- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch189/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 28.45 dB
ABM1 comp = -10.41 dBA/m
Location: 0, -4.2, 3.7 mm

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

02 HAC T-Coil GSM1900_Voice_Ch661(Z)

Communication System: UID 0, General GSM (0); Frequency: 1880 MHz
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
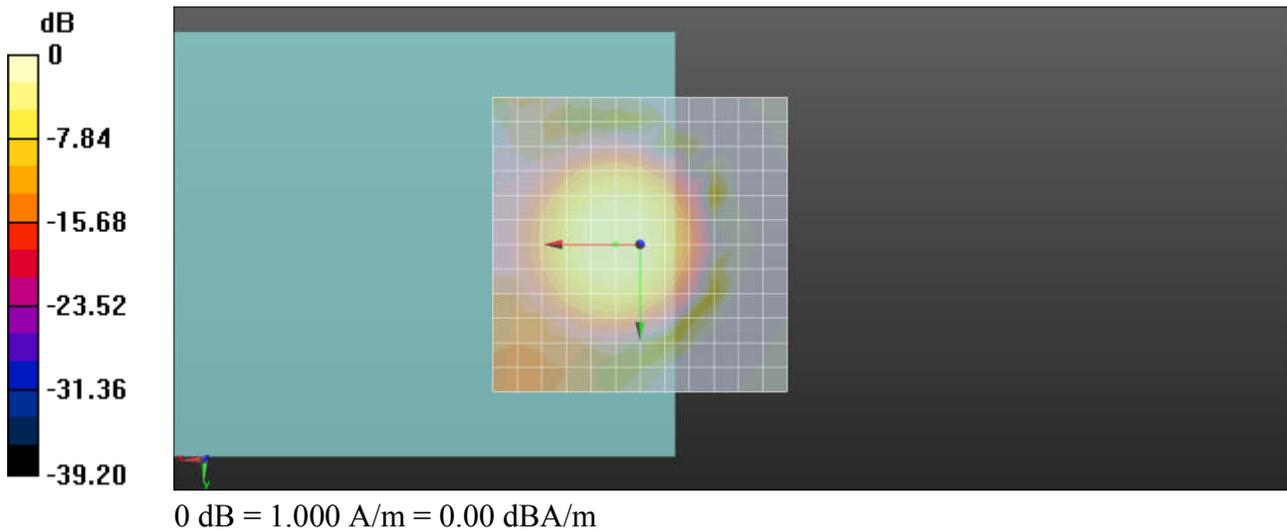Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- 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)

Ch661/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm
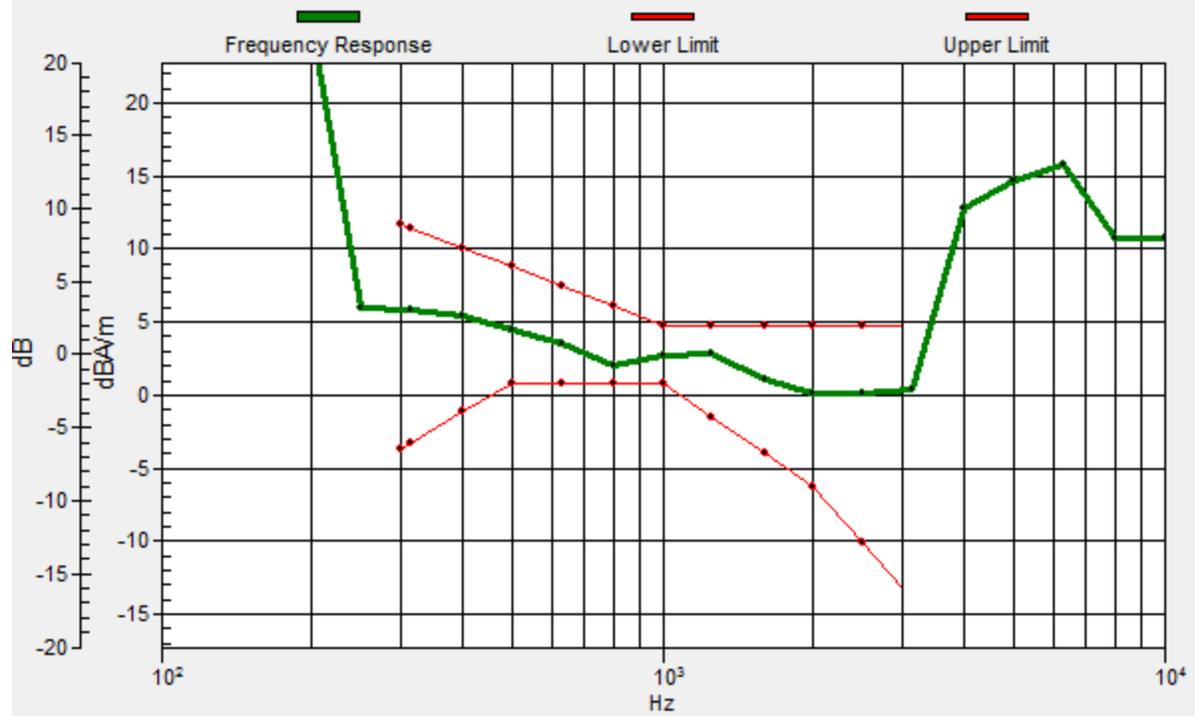ABM1/ABM2 = 26.71 dB
ABM1 comp = 1.67 dBA/m
Location: 4.2, 0, 3.7 mm

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

Ch661/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 4.2, 0, 3.7 mm Diff: 1.28dB

Frequency Response   Lower Limit   Upper Limit

02 HAC T-Coil GSM1900_Voice_Ch661(Y)

Communication System: UID 0, General GSM (0); Frequency: 1880 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
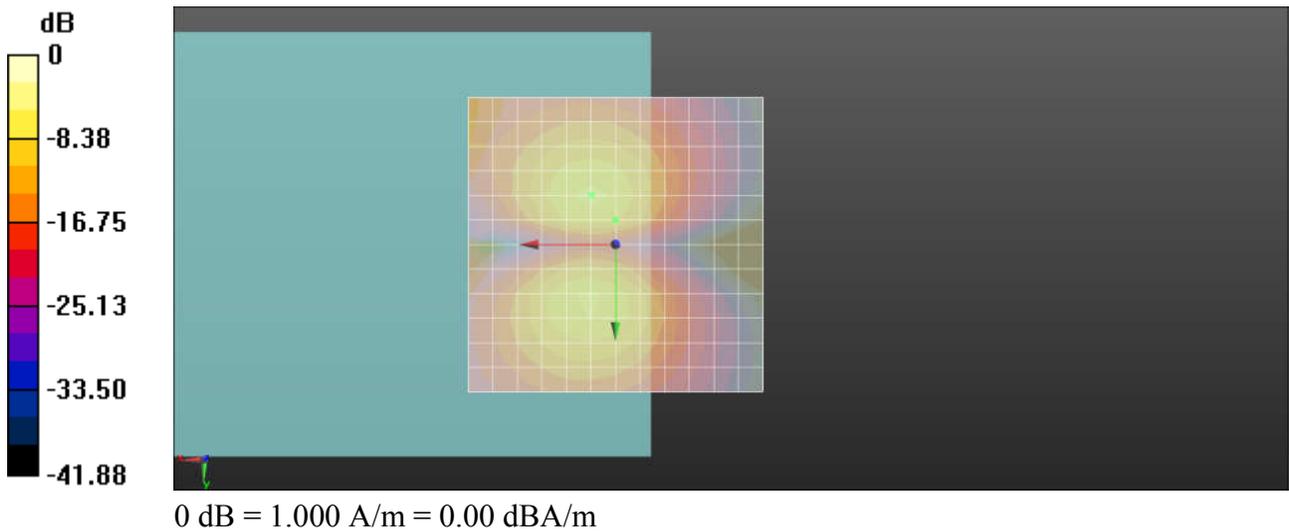- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch661/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 32.38 dB
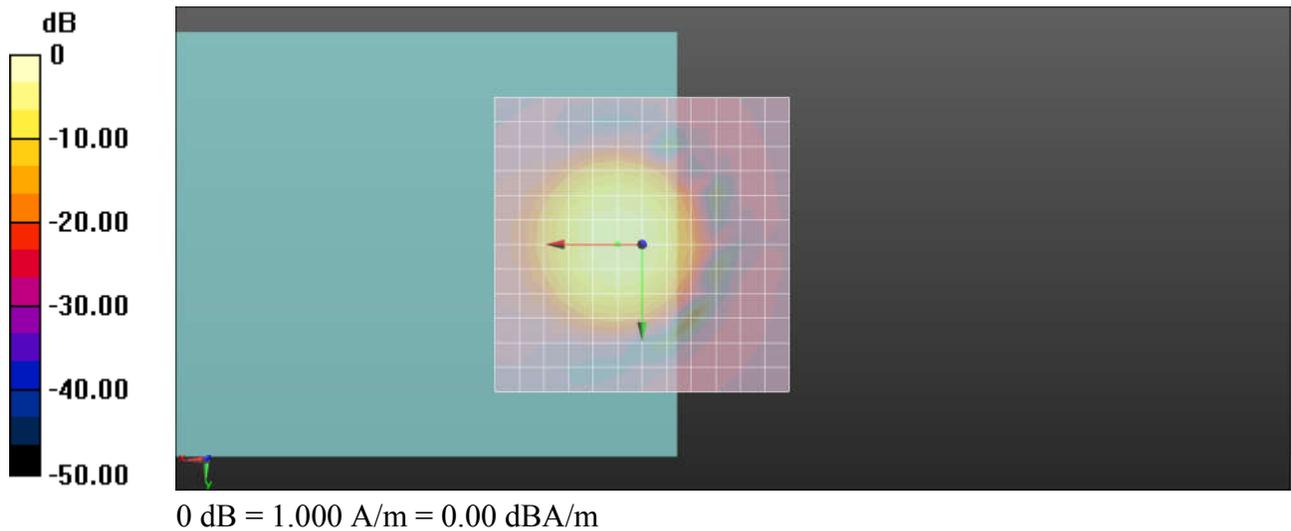ABM1 comp = -10.51 dBA/m
Location: 0, -4.2, 3.7 mm

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

03 HAC T-Coil WCDMA V_Voice AMR 12.2Kbps_Ch4182(Z)

Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.5 ℃
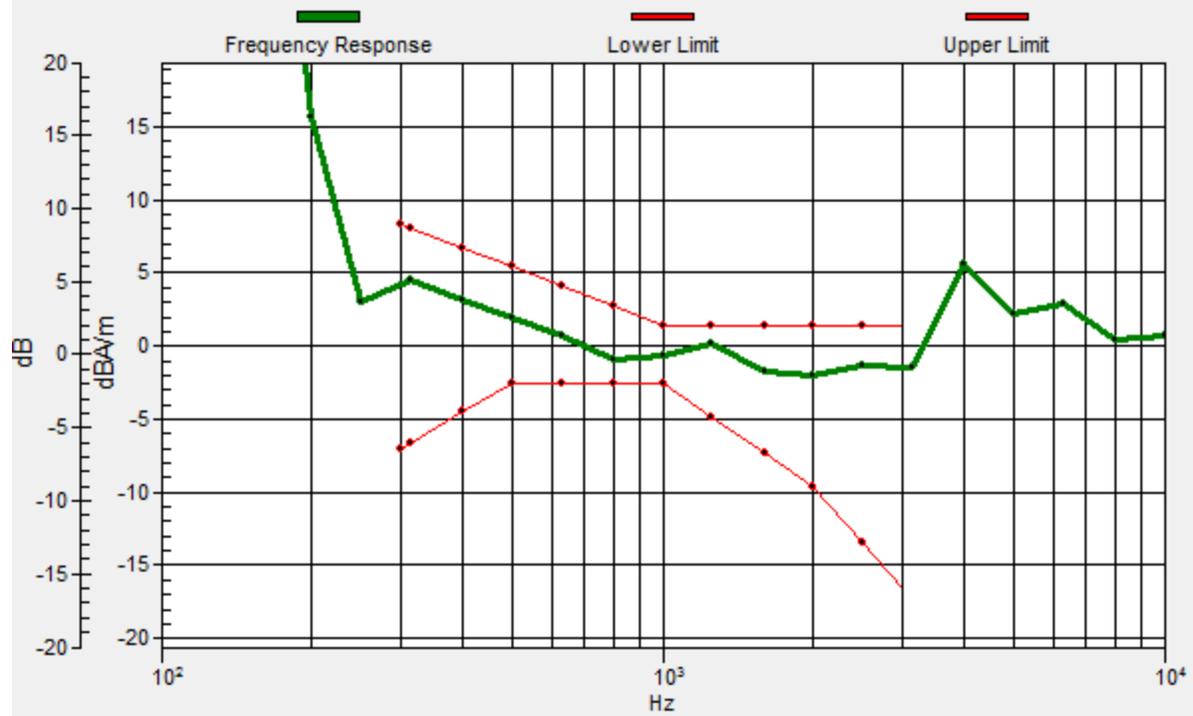
DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch4182/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 29.81 dB

ABM1 comp = -0.73 dBA/m

Location: 4.2, 0, 3.7 mm

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

Ch4182/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
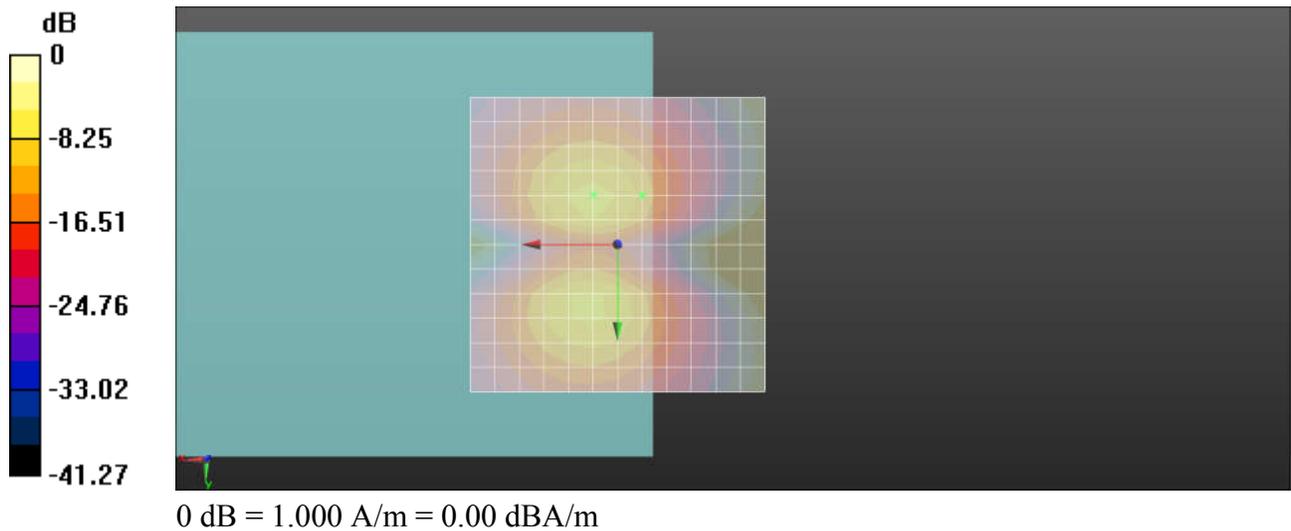
Loc: 4.2, 0, 3.7 mm Diff: 1.25dB

03 HAC T-Coil WCDMA V_Voice AMR 12.2Kbps_Ch4182(Y)

Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- 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)

Ch4182/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 29.76 dB
ABM1 comp = -14.28 dBA/m
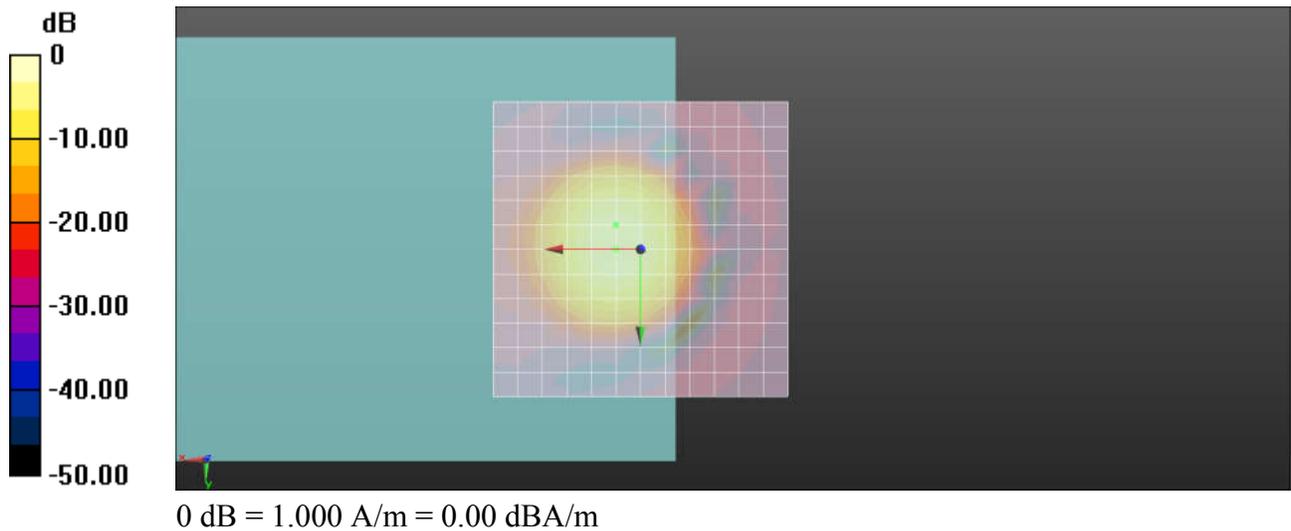Location: -4.2, -8.3, 3.7 mm

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

04 HAC T-Coil WCDMA IV_Voice AMR 12.2Kbps_Ch1413(Z)

Communication System: UID 0, UMTS (0); Frequency: 1732.6 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.5 ℃
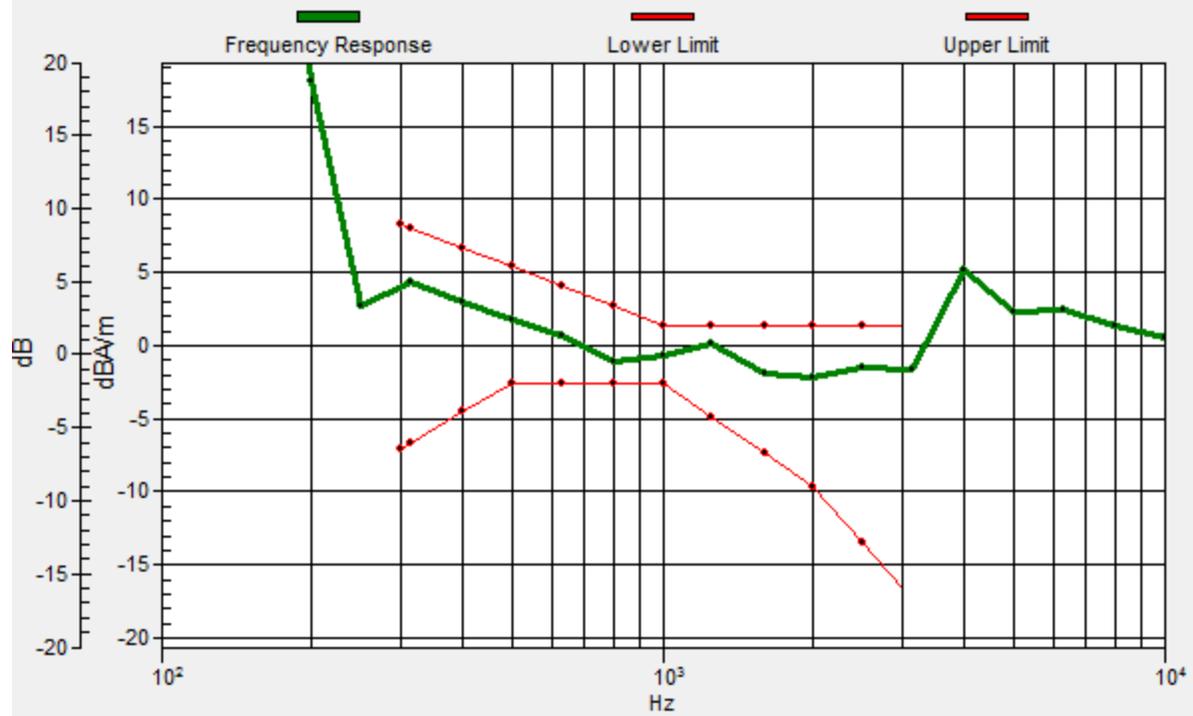
DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1413/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 29.90 dB

ABM1 comp = -0.85 dBA/m

Location: 4.2, -4.2, 3.7 mm

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

Ch1413/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
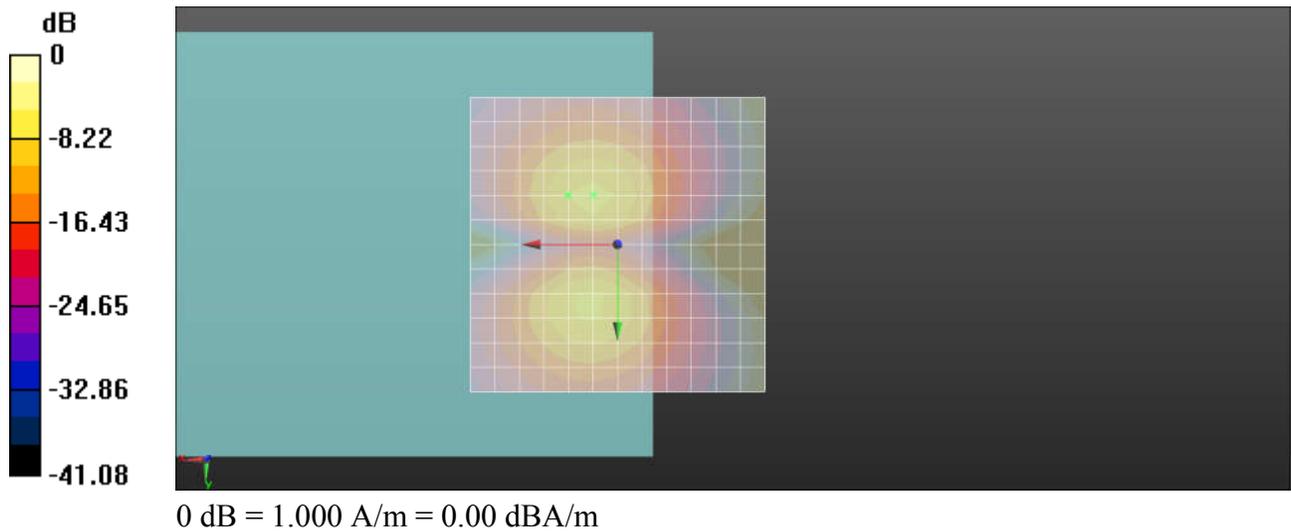Loc: 4.2, -4.2, 3.7 mm Diff: 1.29dB

04 HAC T-Coil WCDMA IV_Voice AMR 12.2Kbps_Ch1413(Y)

Communication System: UID 0, UMTS (0); Frequency: 1732.6 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- 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)

Ch1413/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 29.49 dB
ABM1 comp = -10.79 dBA/m
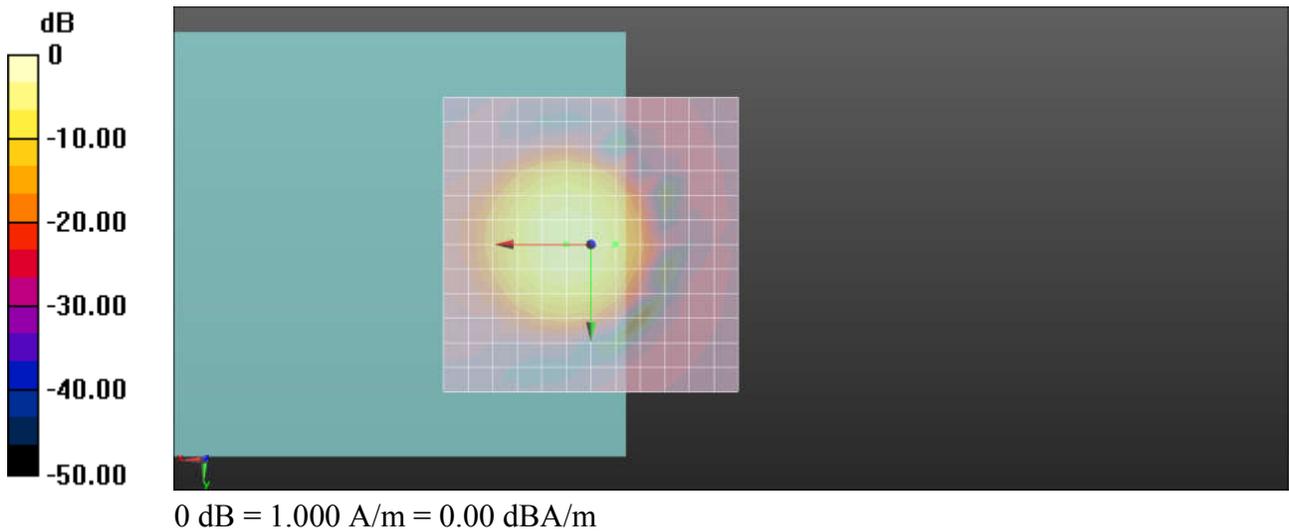Location: 8.3, -8.3, 3.7 mm

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

05 HAC T-Coil WCDMA II_Voice AMR 12.2Kbps_Ch9400(Z)

Communication System: UID 0, UMTS (0); Frequency: 1880 MHz
Medium: Air Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3
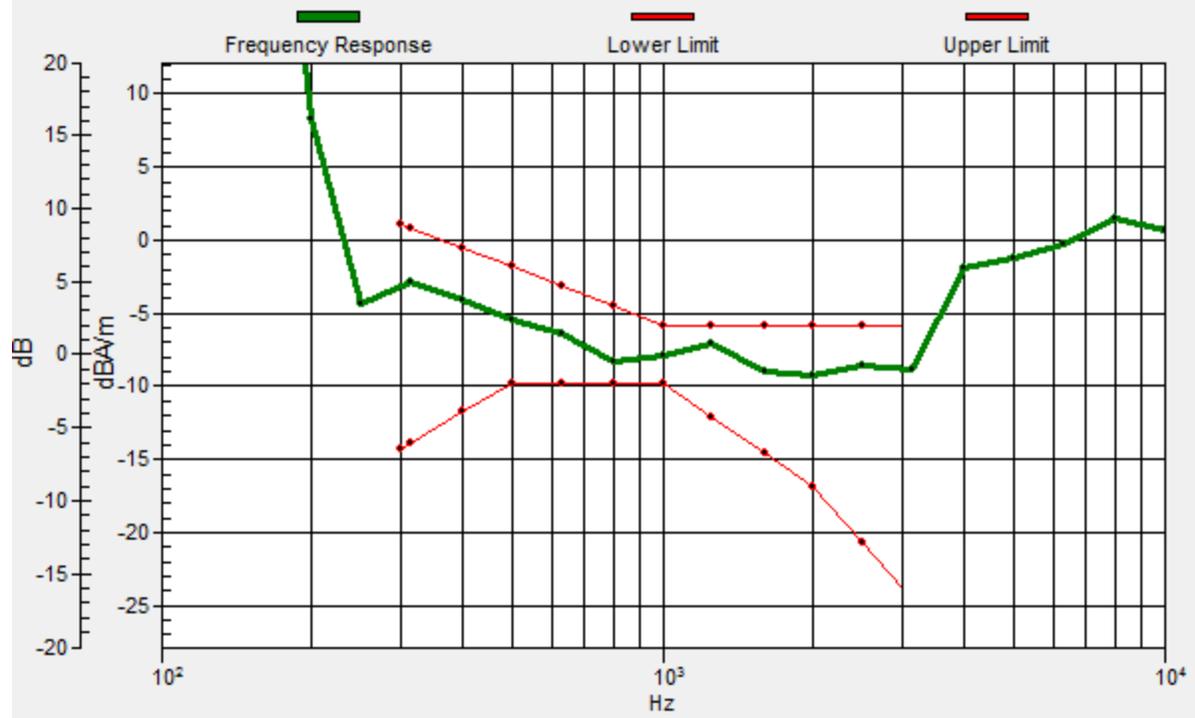Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- 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)

Ch9400/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid: dx=10mm,
dy=10mm
ABM1/ABM2 = 30.24 dB
ABM1 comp = -7.79 dBA/m
Location: -4.2, 0, 3.7 mm

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

Ch9400/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -4.2, 0, 3.7 mm Diff: 1.25dB

05 HAC T-Coil WCDMA II_Voice AMR 12.2Kbps_Ch9400(Y)

Communication System: UID 0, UMTS (0); Frequency: 1880 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- 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)

Ch9400/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 30.45 dB
ABM1 comp = -11.74 dBA/m
Location: 4.2, -12.5, 3.7 mm

0 dB = 1.000 A/m = 0.00 dBA/m
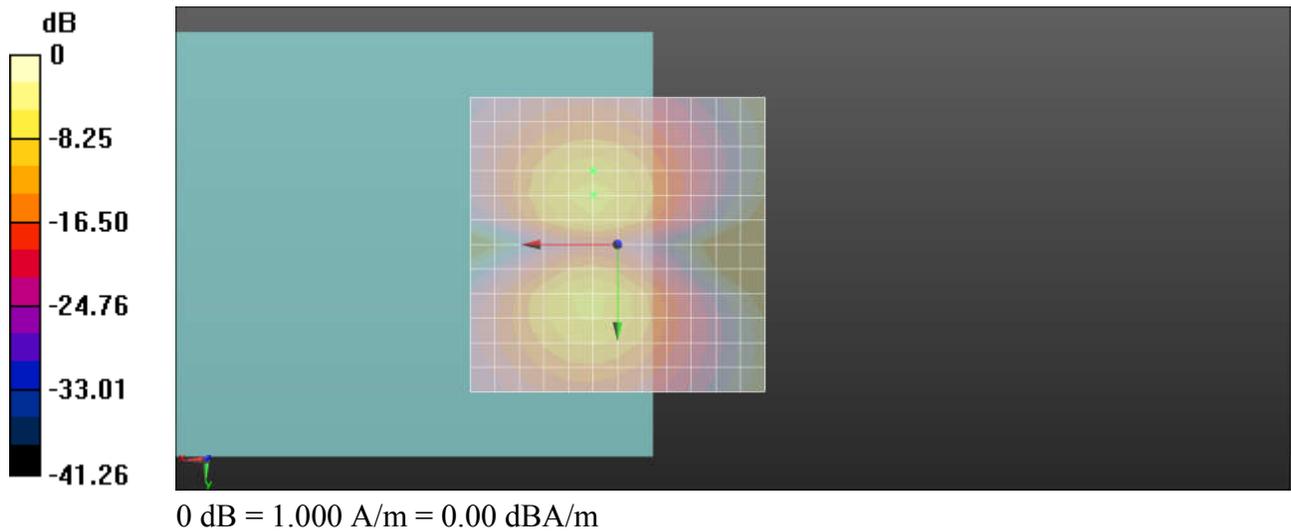
06_HAC_T-Coil_LTE Band 2_20M_QPSK_1RB_0Offset_WB5.9Kbps_Ch18900(Z)

Communication System: UID 0, FDD_LTE (0); Frequency: 1880 MHz
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.0 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
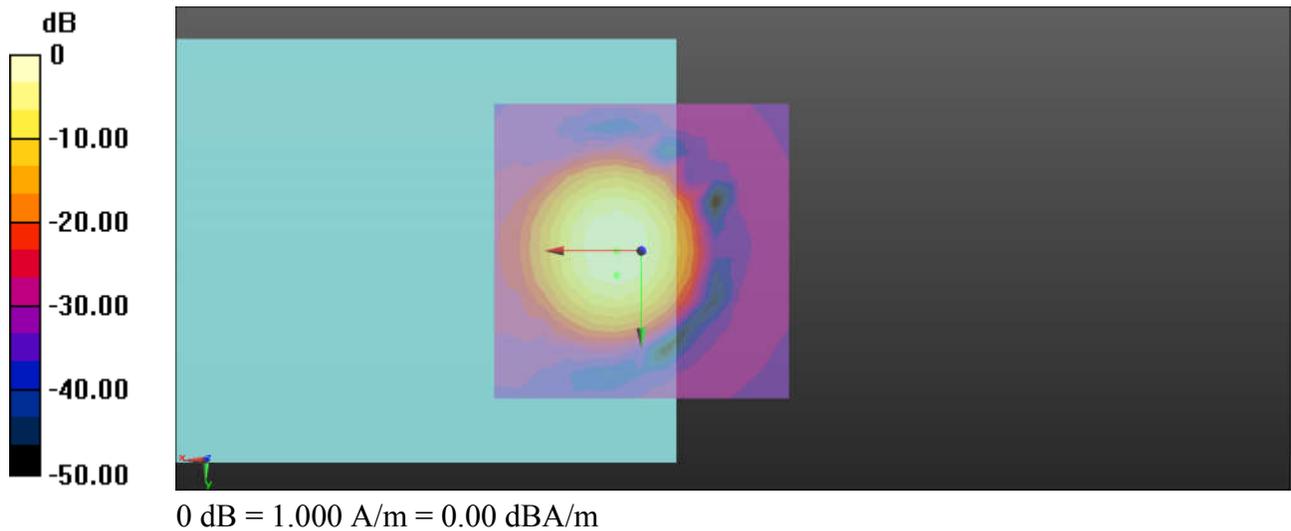- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
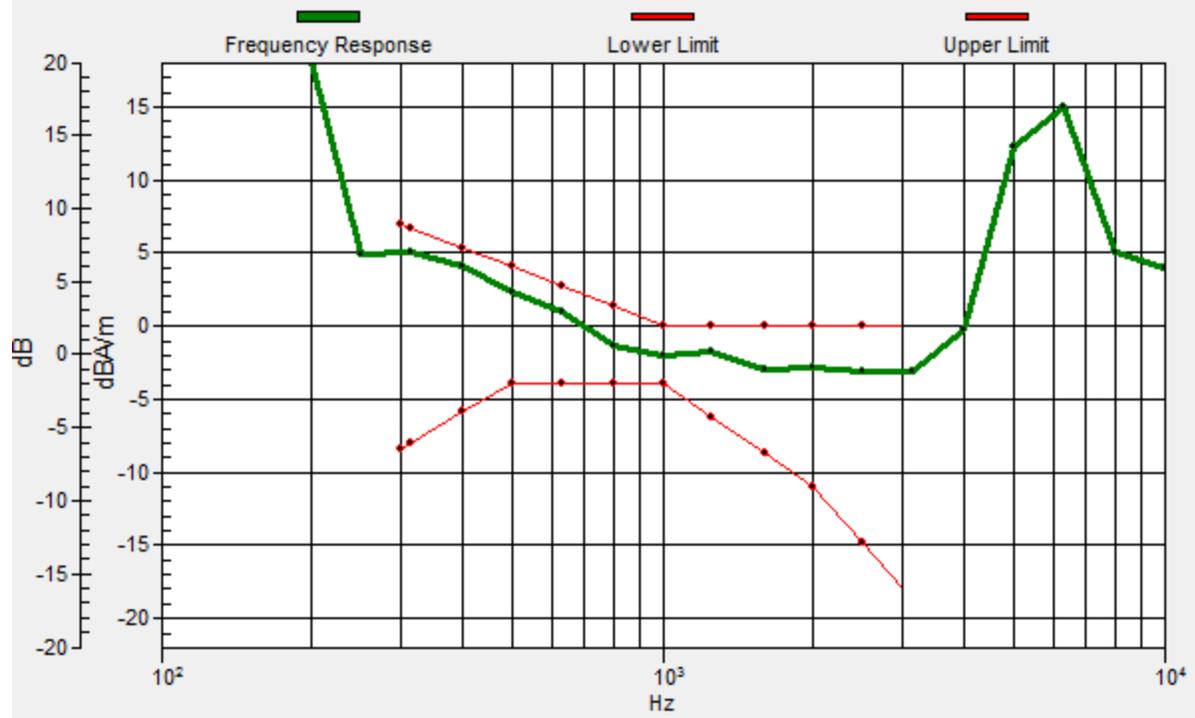dx=10mm, dy=10mm
ABM1/ABM2 = 27.98 dB
ABM1 comp = -1.07 dBA/m
Location: 4.2, 4.2, 3.7 mm

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: 4.2, 4.2, 3.7 mm Diff: 1.21dB

06_HAC_T-Coil_LTE Band 2_20M_QPSK_1RB_0Offset_WB5.9Kbps_Ch18900(Y)

Communication System: UID 0, FDD_LTE (0); Frequency: 1880 MHz
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.0 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
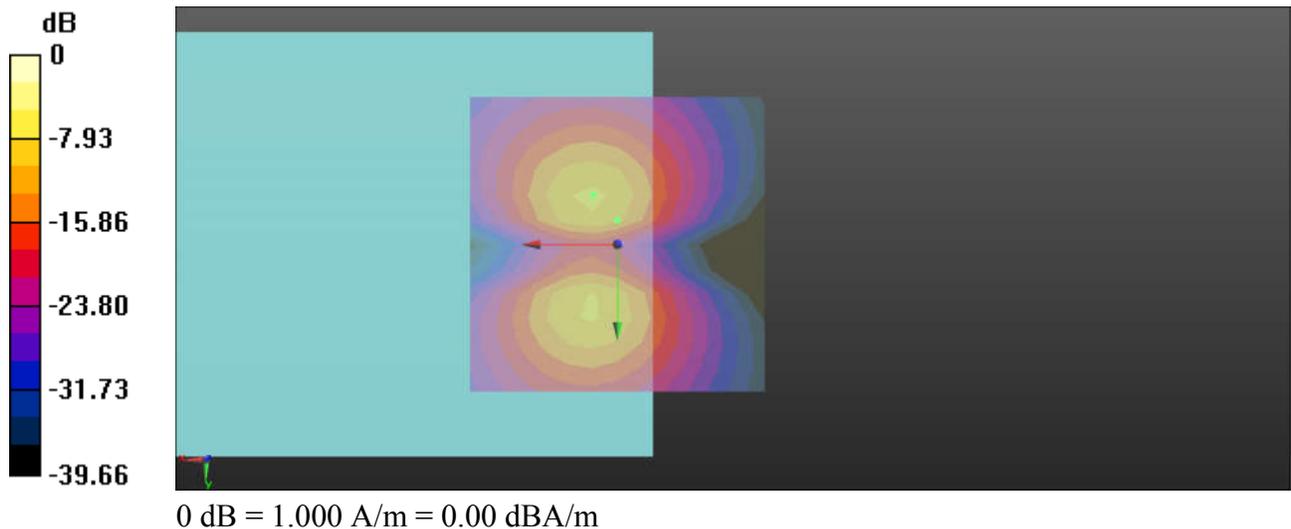- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement
grid: dx=10mm, dy=10mm
ABM1/ABM2 = 26.06 dB
ABM1 comp = -12.31 dBA/m
Location: 0, -4.2, 3.7 mm

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

07_HAC_T-Coil_LTE Band 4_20M_QPSK_1RB_0Offset_WB5.9Kbps_Ch20175(Z)

Communication System: UID 0, FDD_LTE (0); Frequency: 1732.5 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
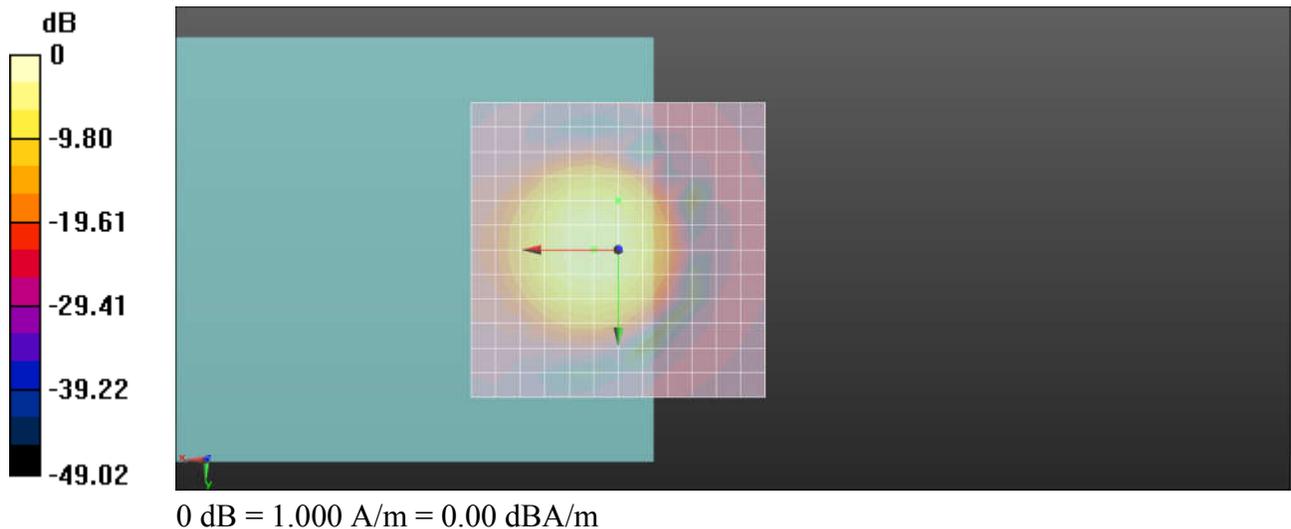- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
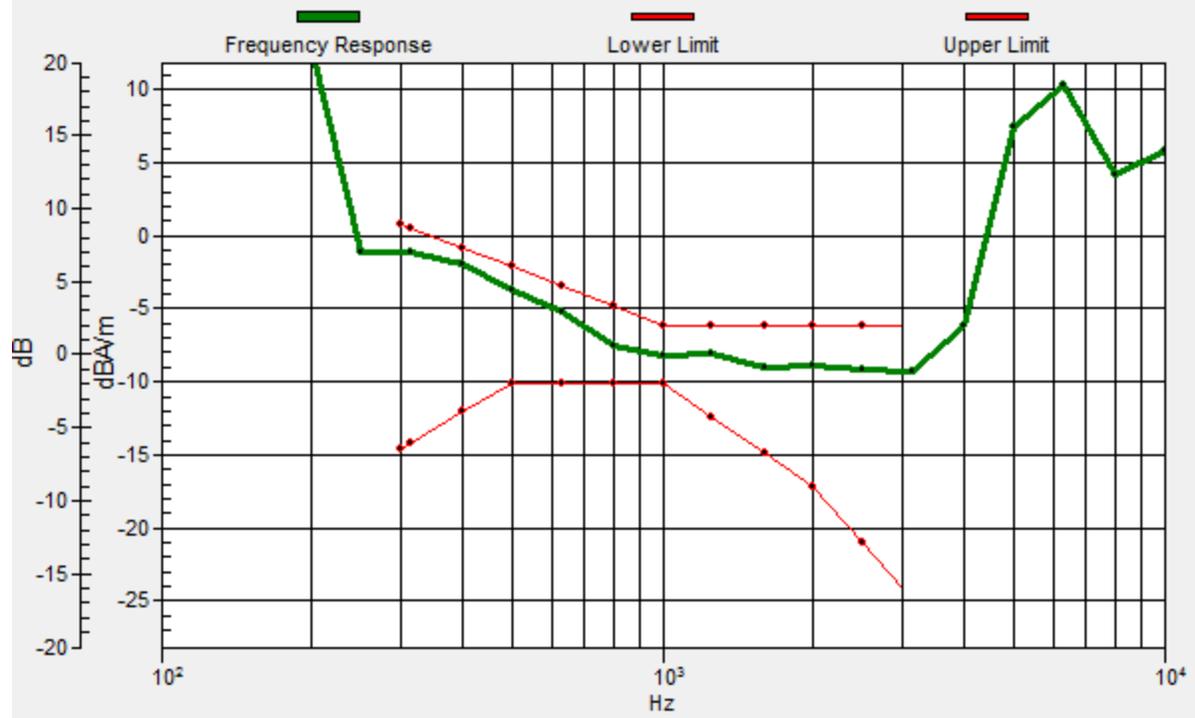dx=10mm, dy=10mm
ABM1/ABM2 = 26.66 dB
ABM1 comp = -7.27 dBA/m
Location: 0, -8.3, 3.7 mm

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, -8.3, 3.7 mm Diff: 1.11dB

07_HAC_T-Coil_LTE Band 4_20M_QPSK_1RB_0Offset_WB5.9Kbps_Ch20175(Y)

Communication System: UID 0, FDD_LTE (0); Frequency: 1732.5 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.5 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
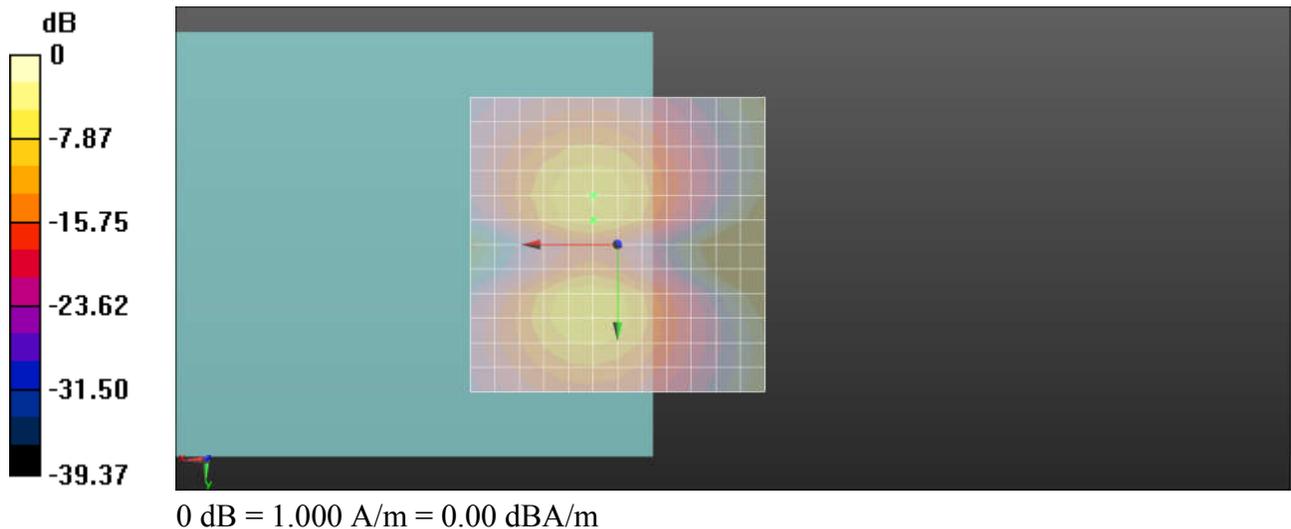- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement
grid: dx=10mm, dy=10mm

ABM1/ABM2 = 26.54 dB

ABM1 comp = -11.02 dBA/m

Location: 4.2, -4.2, 3.7 mm

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

08_HAC_T-Coil_LTE Band 5_10M_QPSK_1RB_0Offset_WB5.9Kbps_Ch20525(Z)

Communication System: UID 0, FDD_LTE (0); Frequency: 836.5 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.0 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
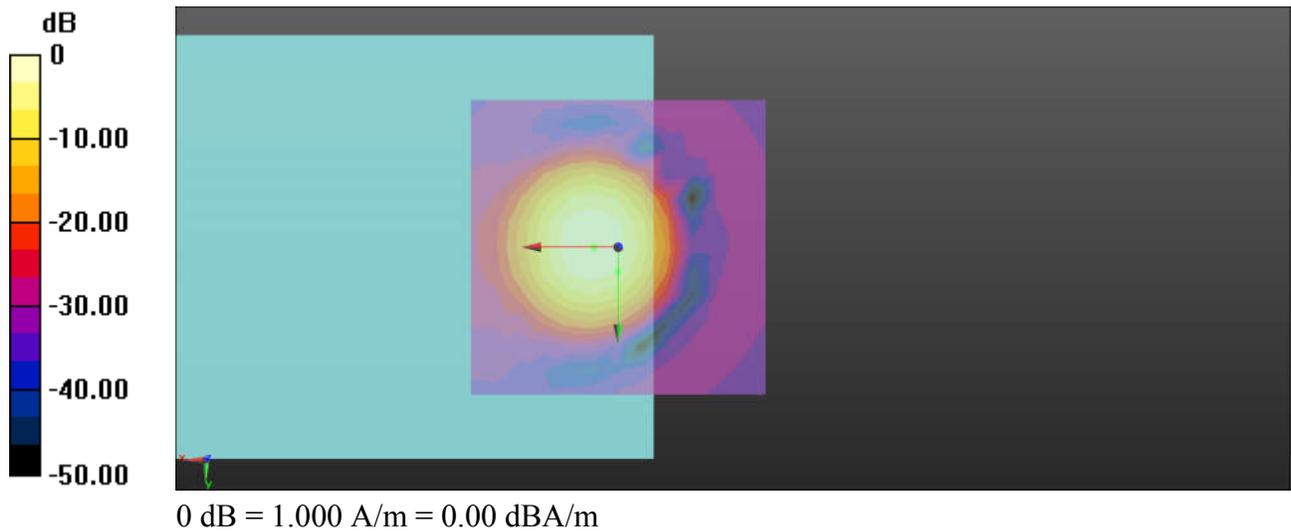- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
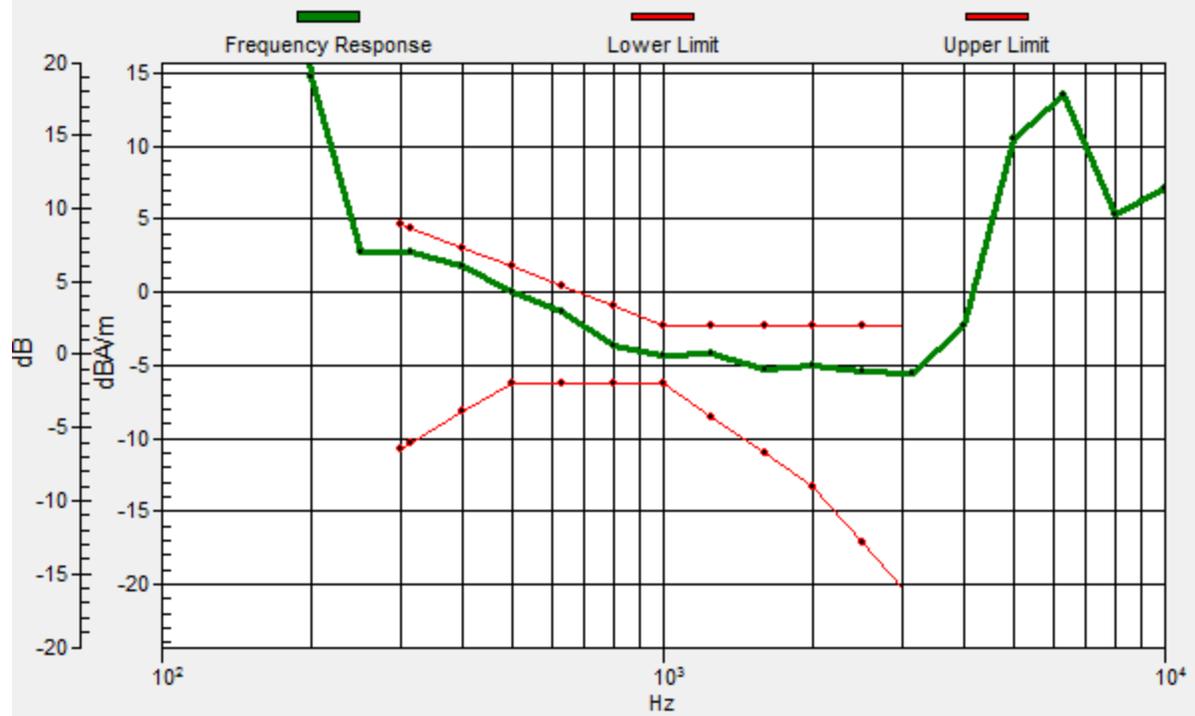dx=10mm, dy=10mm
ABM1/ABM2 = 26.43 dB
ABM1 comp = -3.53 dBA/m
Location: 0, 4.2, 3.7 mm

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, 4.2, 3.7 mm Diff: 1.19dB

08_HAC_T-Coil_LTE Band 5_10M_QPSK_1RB_0Offset_WB5.9Kbps_Ch20525(Y)

Communication System: UID 0, FDD_LTE (0); Frequency: 836.5 MHz
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.0 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
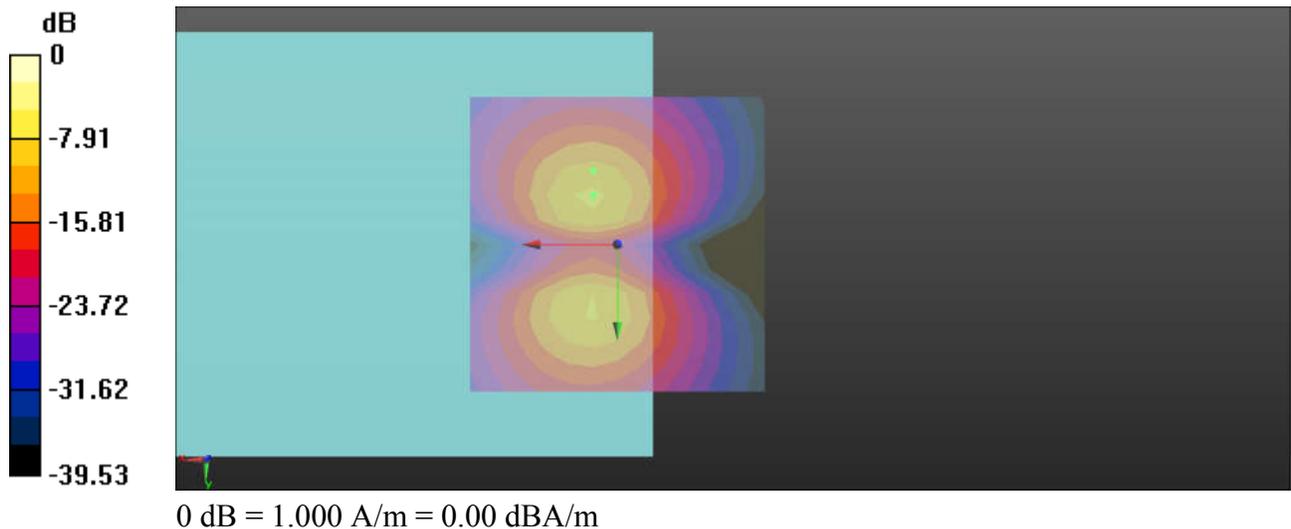- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement
grid: dx=10mm, dy=10mm
ABM1/ABM2 = 37.47 dB
ABM1 comp = -11.82 dBA/m
Location: 4.2, -12.5, 3.7 mm

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

09_HAC_T-Coil_LTE Band 7_20M_QPSK_1RB_99Offset_WB5.9Kbps_Ch21100(Z)

Communication System: UID 0, FDD_LTE (0); Frequency: 2535 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.0 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
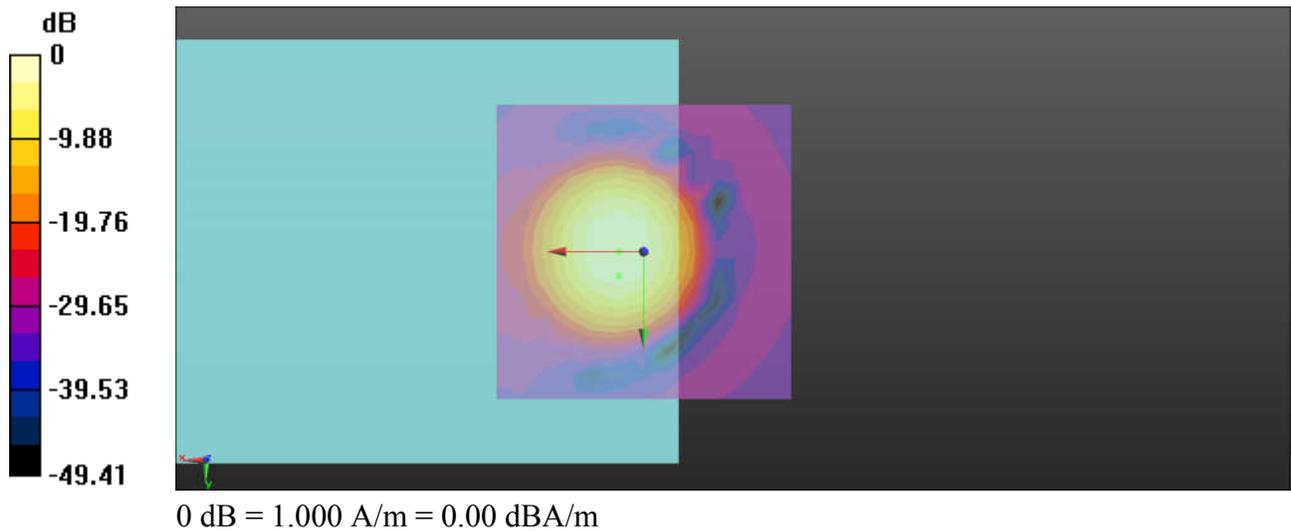- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
dx=10mm, dy=10mm
ABM1/ABM2 = 26.03 dB
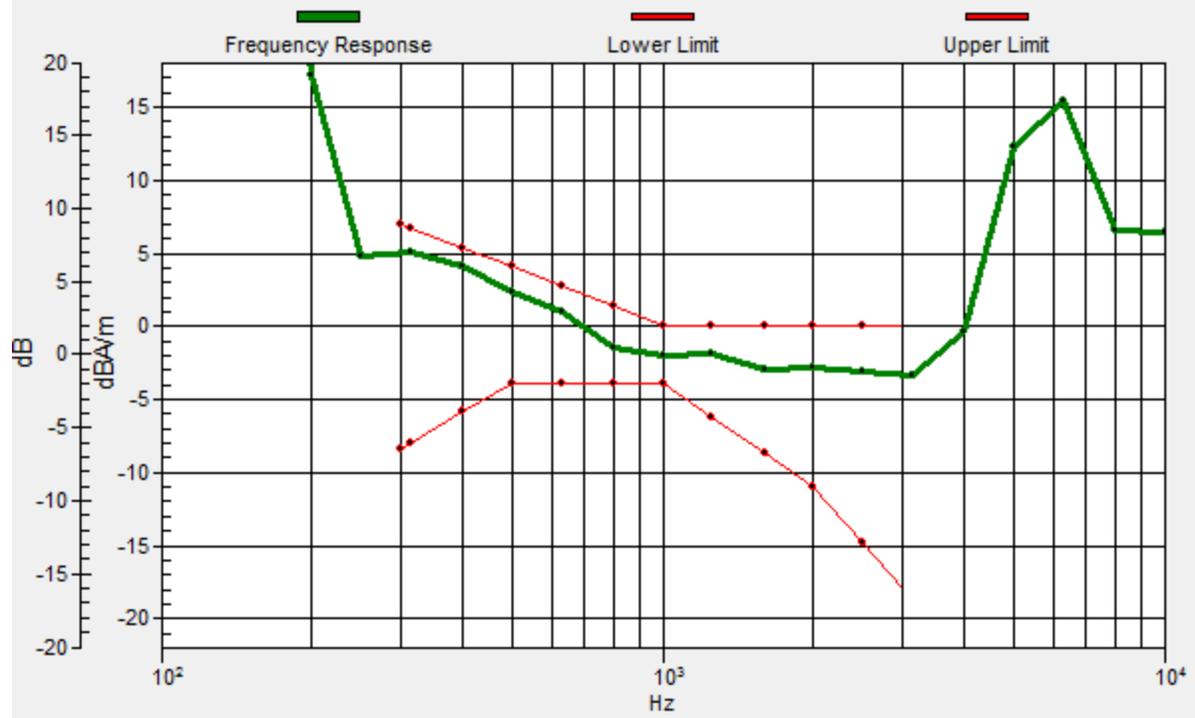ABM1 comp = -1.02 dBA/m
Location: 4.2, 4.2, 3.7 mm

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: 4.2, 4.2, 3.7 mm Diff: 1.17dB

Frequency Response   Lower Limit   Upper Limit

09_HAC_T-Coil_LTE Band 7_20M_QPSK_1RB_99Offset_WB5.9Kbps_Ch21100(Y)

Communication System: UID 0, FDD_LTE (0); Frequency: 2535 MHz
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.0 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
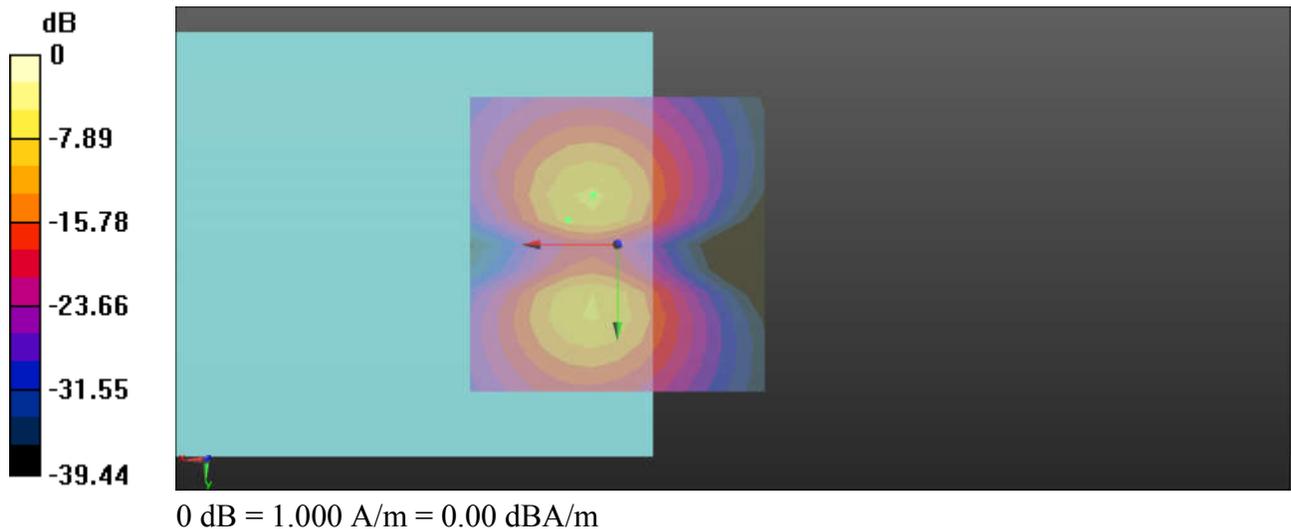- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement
grid: dx=10mm, dy=10mm
ABM1/ABM2 = 26.05 dB
ABM1 comp = -11.70 dBA/m
Location: 8.3, -4.2, 3.7 mm

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

10_HAC_T-Coil_LTE Band 12_10M_QPSK_1RB_49Offset_WB5.9Kbps_Ch23095(Z)

Communication System: UID 0, FDD_LTE (0); Frequency: 707.5 MHz
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.0 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
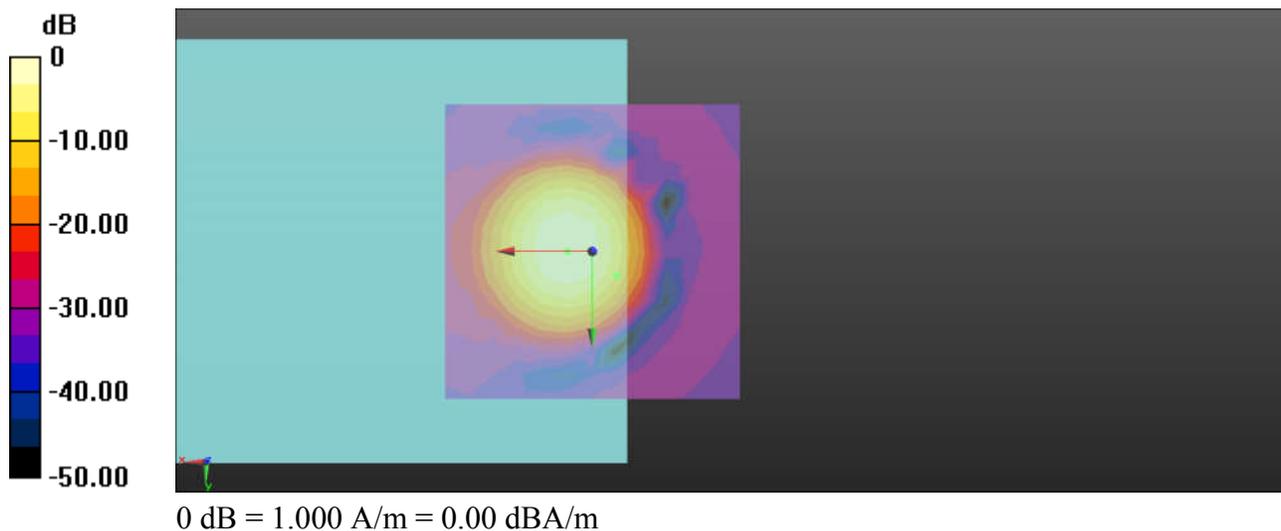- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
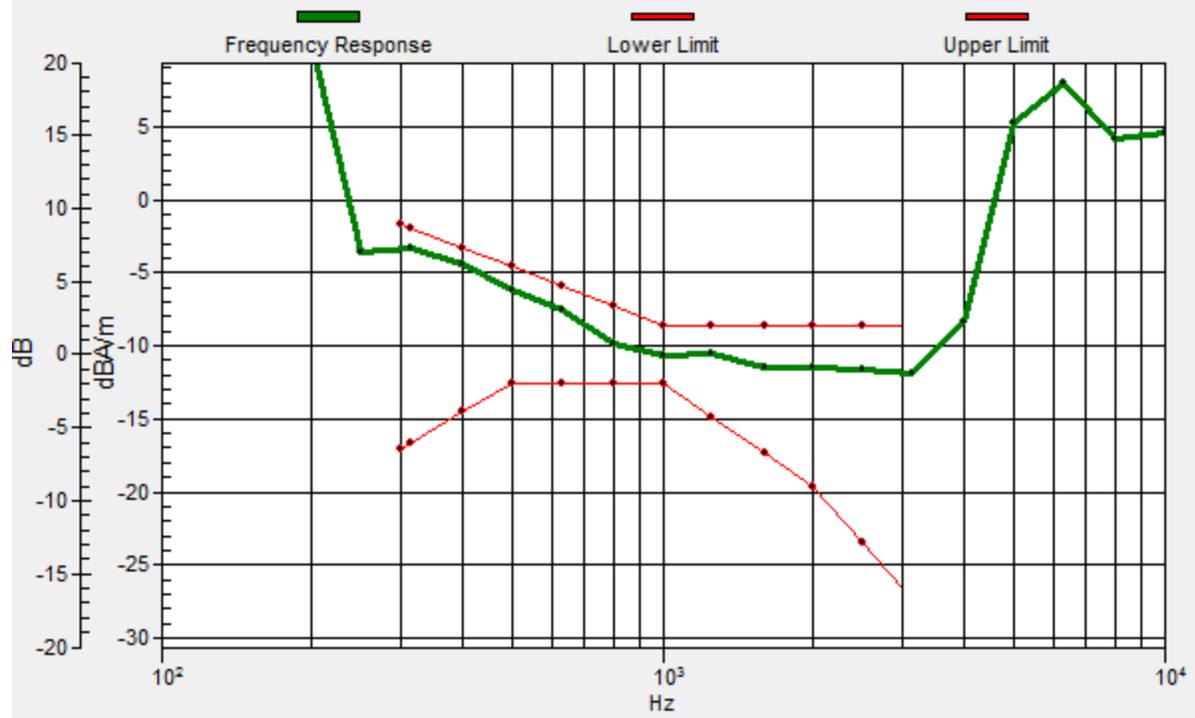dx=10mm, dy=10mm
ABM1/ABM2 = 32.52 dB
ABM1 comp = -9.84 dBA/m
Location: -4.2, 4.2, 3.7 mm

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: -4.2, 4.2, 3.7 mm Diff: 1.08dB

10_HAC_T-Coil_LTE Band 12_10M_QPSK_1RB_49Offset_WB5.9Kbps_Ch23095(Y)

Communication System: UID 0, FDD_LTE (0); Frequency: 707.5 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.0 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
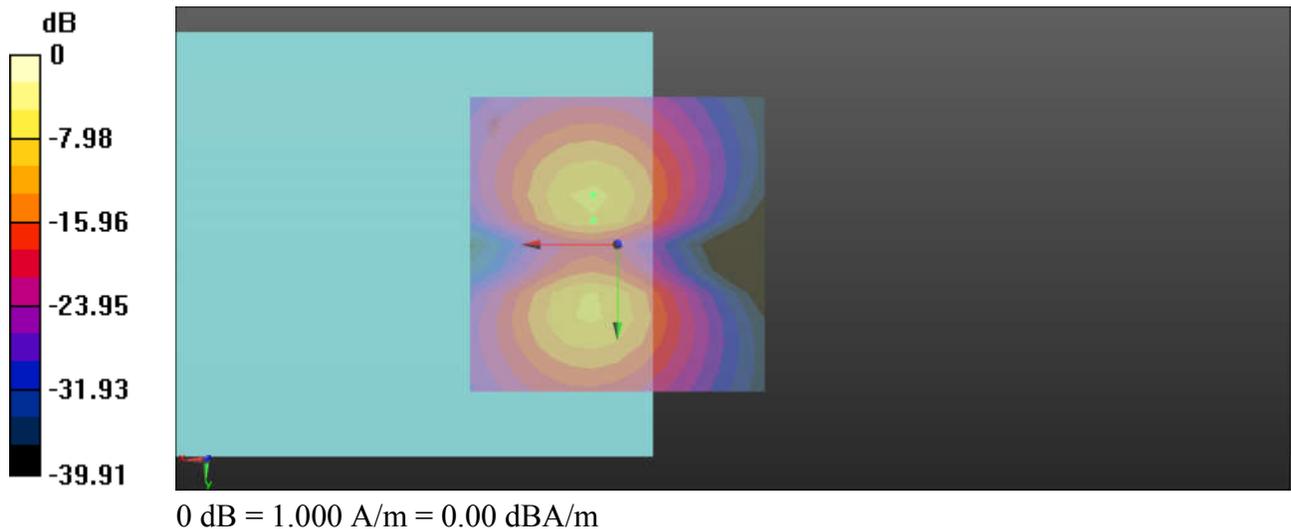- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement
grid: dx=10mm, dy=10mm
ABM1/ABM2 = 26.34 dB
ABM1 comp = -10.79 dBA/m
Location: 4.2, -4.2, 3.7 mm

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

11_HAC_T-Coil_LTE Band 17_10M_QPSK_1RB_25Offset_WB5.9Kbps_Ch23790(Z)

Communication System: UID 0, FDD_LTE (0); Frequency: 710 MHz
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.0 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
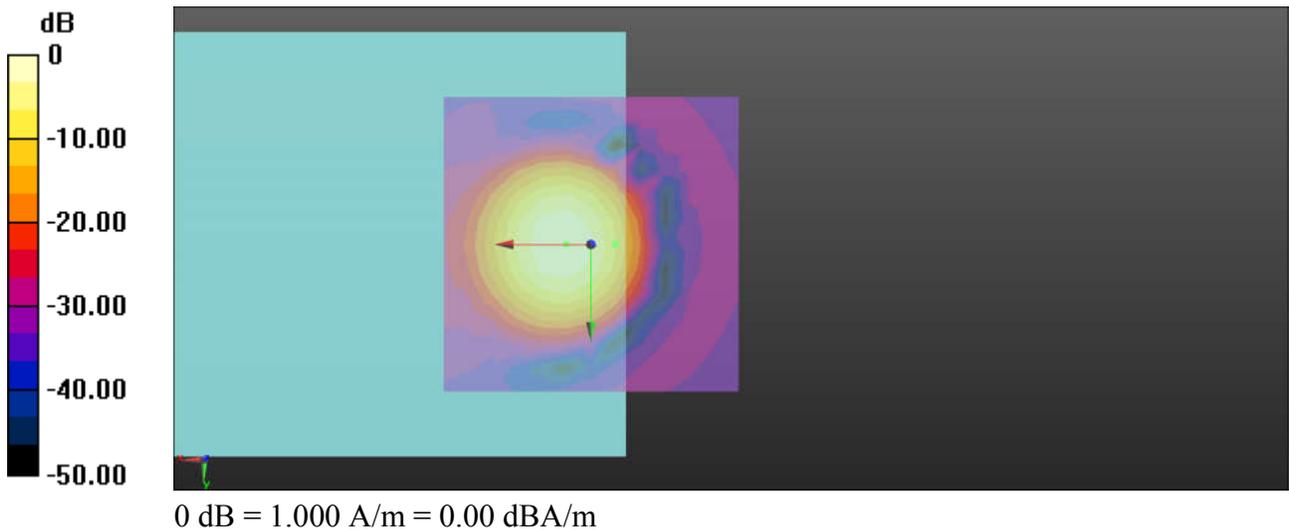- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:
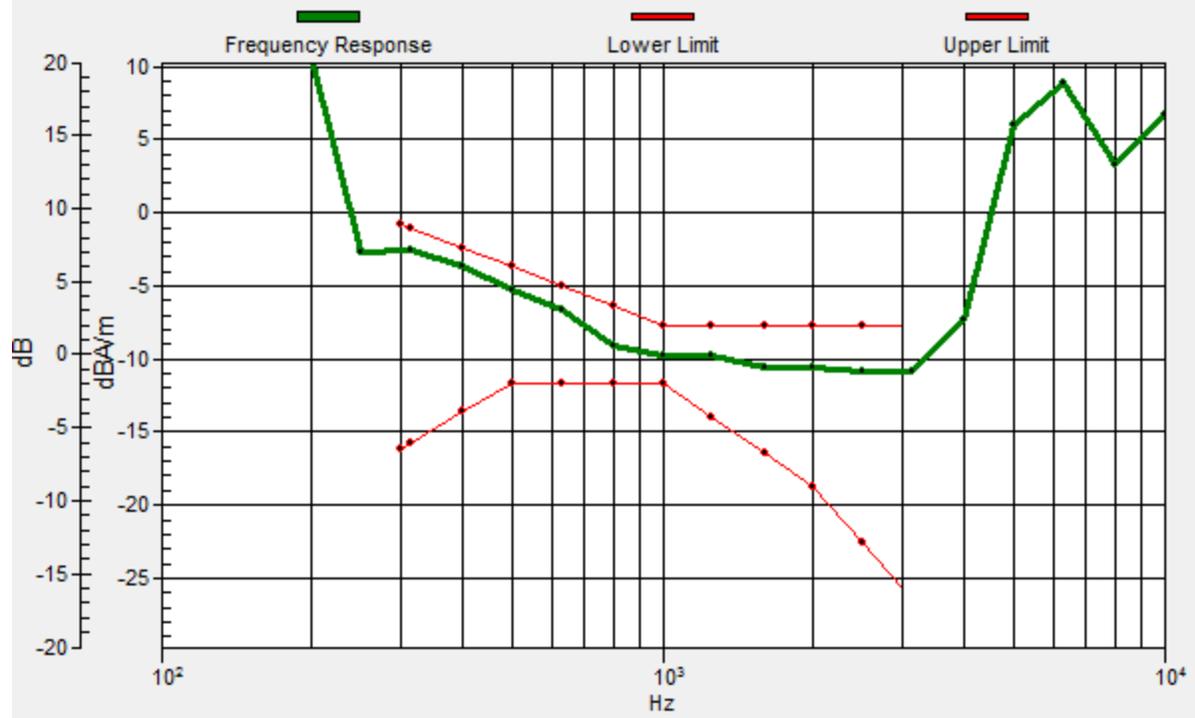dx=10mm, dy=10mm
ABM1/ABM2 = 36.08 dB
ABM1 comp = -9.25 dBA/m
Location: -4.2, 0, 3.7 mm

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: -4.2, 0, 3.7 mm Diff: 1.25dB

11_HAC_T-Coil_LTE Band 17_10M_QPSK_1RB_25Offset_WB5.9Kbps_Ch23790

Communication System: UID 0, FDD_LTE (0); Frequency: 710 MHz
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.0 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3093; ; Calibrated: 2017.5.19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1279; Calibrated: 2018.1.3
- 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)
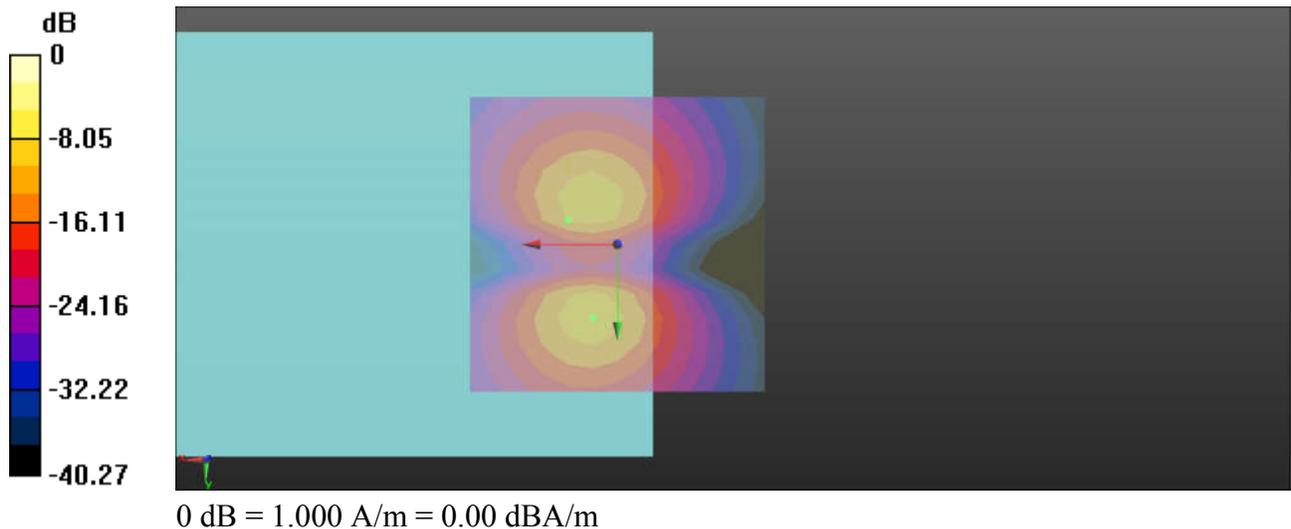
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement
grid: dx=10mm, dy=10mm
ABM1/ABM2 = 24.82 dB
ABM1 comp = -13.08 dBA/m
Location: 8.3, -4.2, 3.7 mm

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

12_HAC_T-Coil_WLAN2.4GHz_802.11b 1Mbps_Ch6_Axial (Z)

Communication System: 802.11b ; Frequency: 2437 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
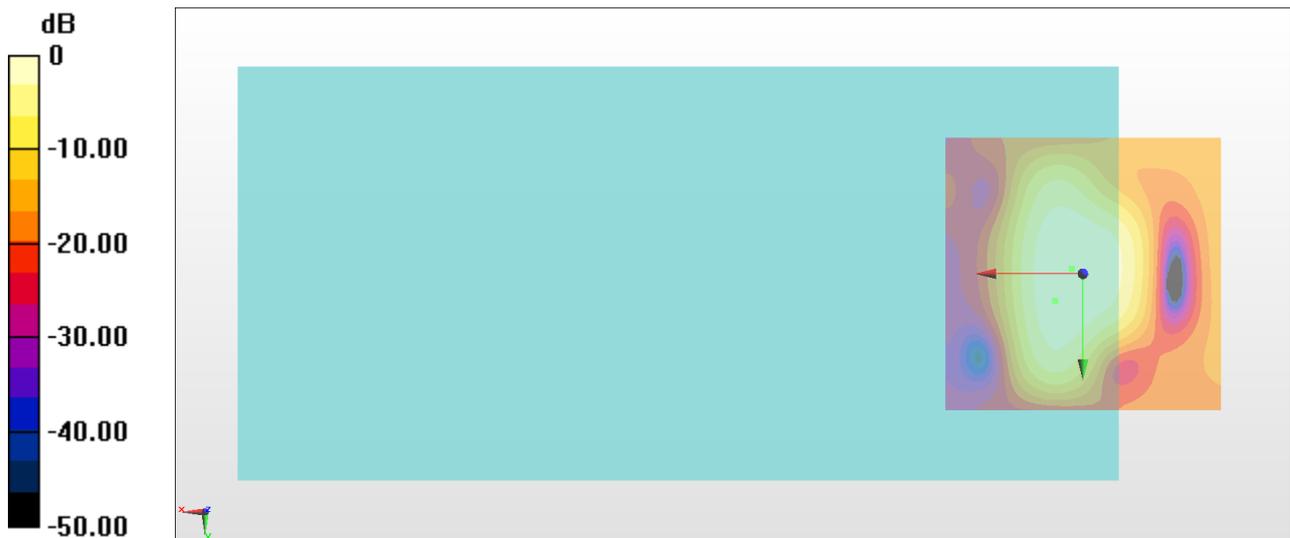- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):
Interpolatedgrid: dx=1.000 mm, dy=1.000 mm
ABM1/ABM2 = 23.25 dB
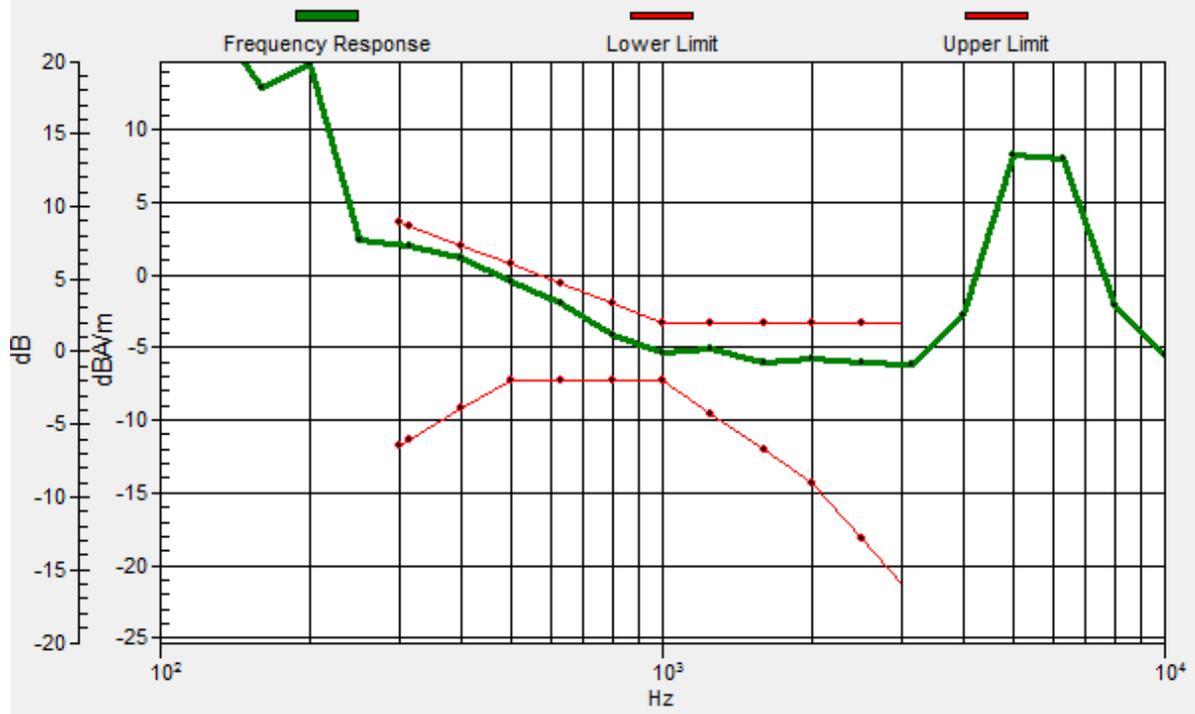ABM1 comp = -4.23 dBA/m
Location: 2, -1, 3.7 mm

0 dB = 14.54 = 23.25 dB

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

Loc: 5, 5, 3.7 mm Diff: 0.81dB

12_HAC_T-Coil_WLAN2.4GHz_802.11b 1Mbps_Ch6_Transversal (Y)

Communication System: 802.11b ; Frequency: 2437 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (51x51x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 22.57 dB

ABM1 comp = -12.51 dBA/m

Location: 1, 3, 3.7 mm

0 dB = 13.45 = 22.57 dB

13_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch40_Axial (Z)

Communication System: 802.11a ; Frequency: 5200 MHz

Medium: Air Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)
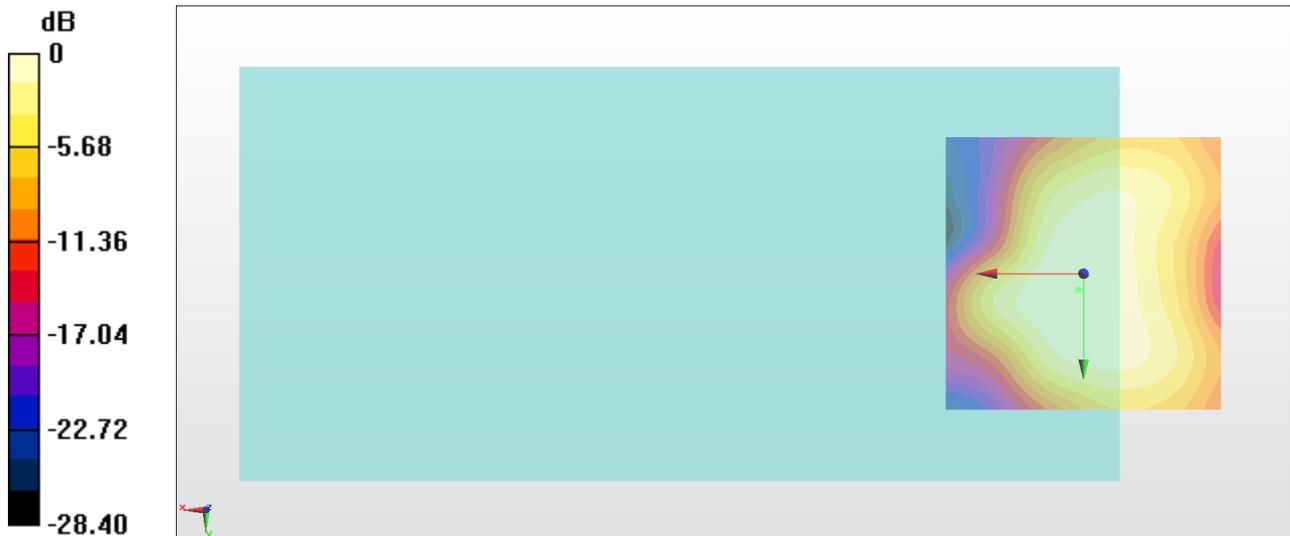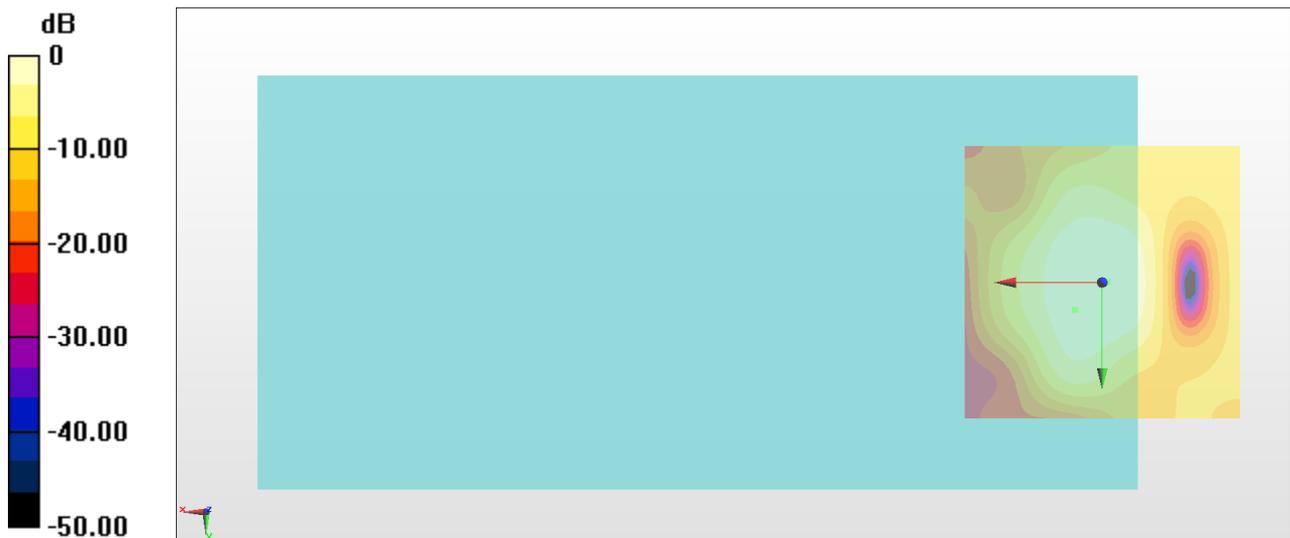
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm
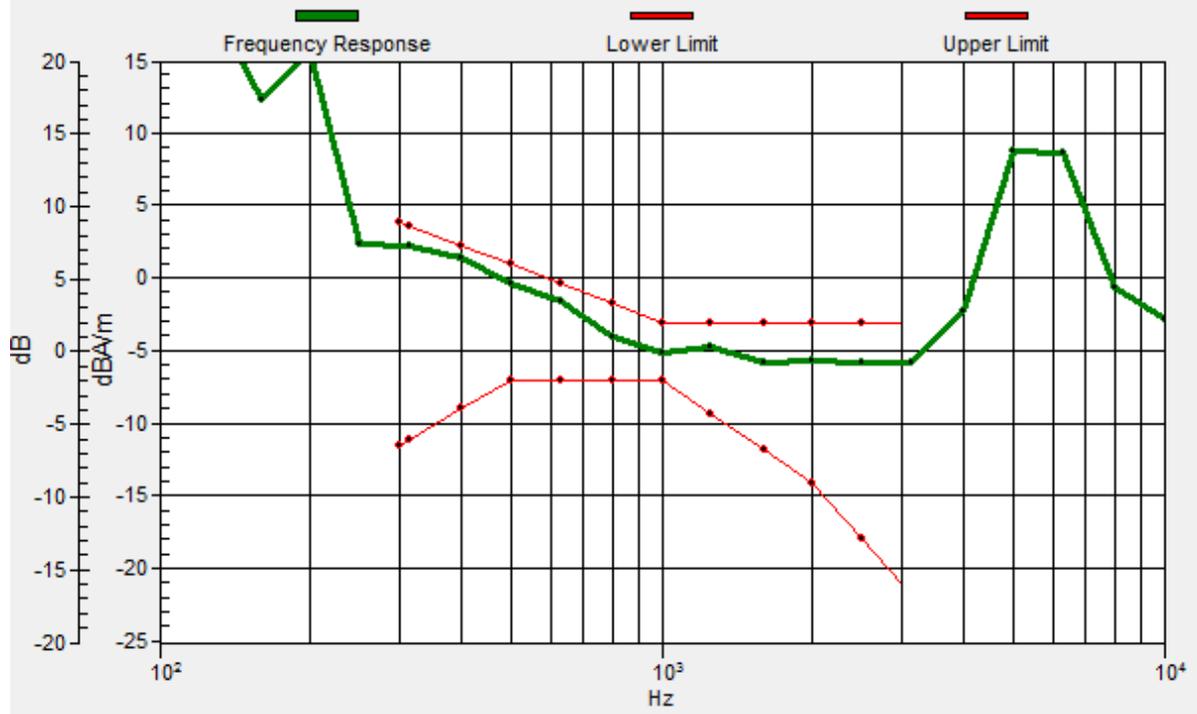
ABM1/ABM2 = 23.43 dB

ABM1 comp = -6.52 dBA/m

Location: -1, 0, 3.7 mm

0 dB = 14.83 = 23.43 dB

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 5, 5, 3.7 mm Diff: 0.87dB

13_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch40_Transversal (Y)

Communication System: 802.11a ; Frequency: 5200 MHz

Medium: Air Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 22.87 dB

ABM1 comp = -13.03 dBA/m

Location: 0, -9, 3.7 mm

0 dB = 13.92 = 22.87 dB

14_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch60_Axial (Z)

Communication System: 802.11a ; Frequency: 5300 MHz

Medium: Air Medium parameters used: σ = 0 S/m, ε$_r$ = 1; ρ = 0 kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
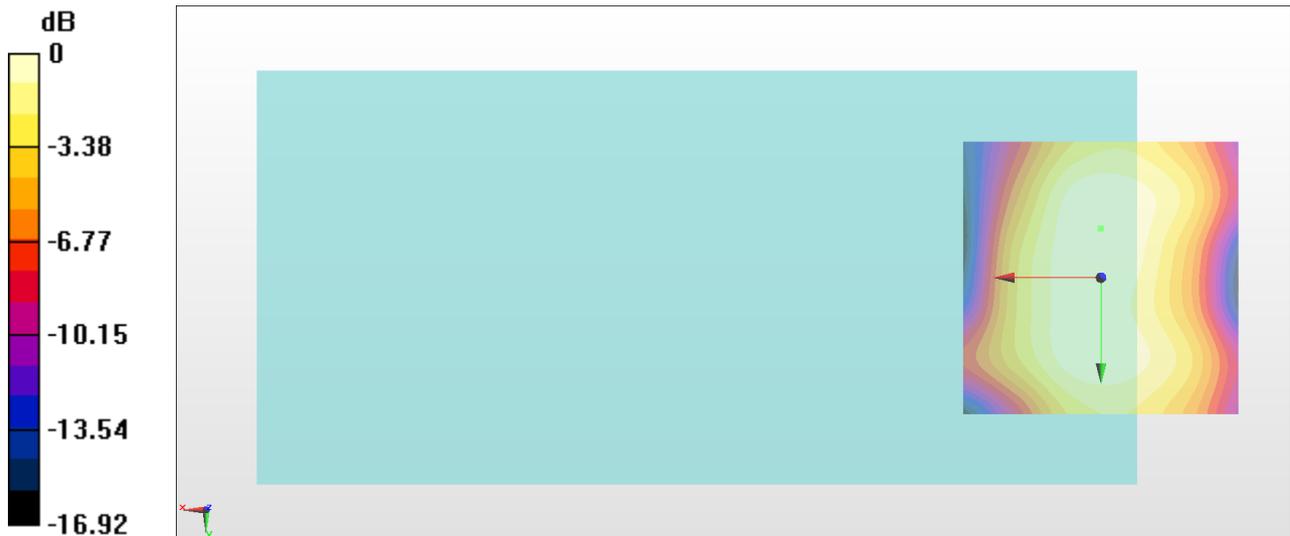- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 23.42 dB

ABM1 comp = -6.39 dBA/m

Location: -1, 0, 3.7 mm
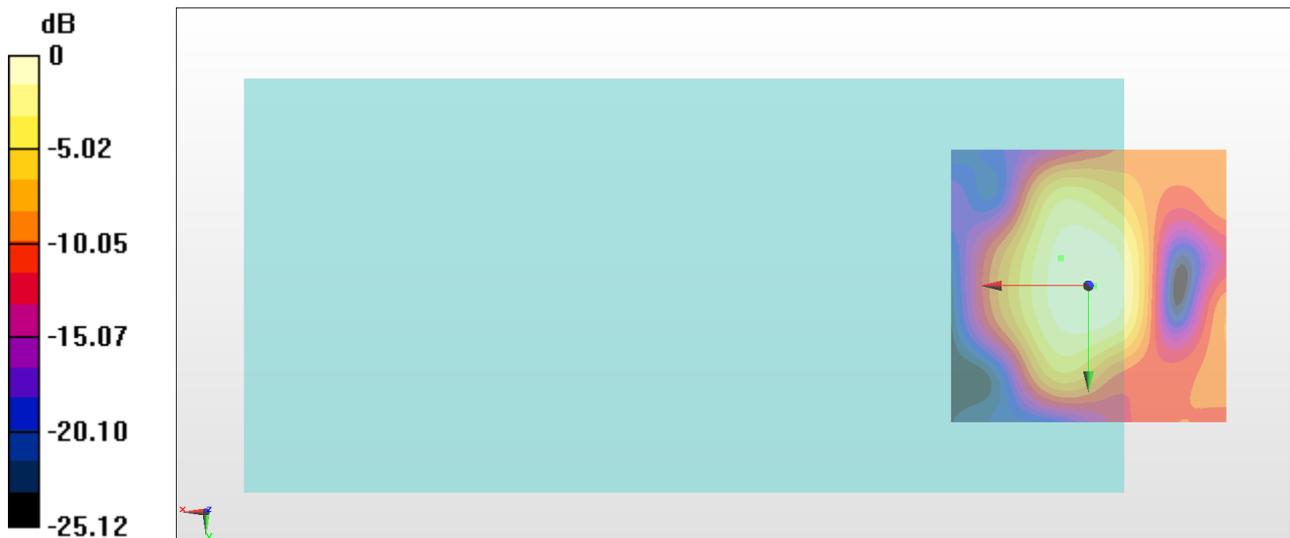
0 dB = 14.83 = 23.42 dB

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 5, -5, 3.7 mm Diff: 0.77dB

14_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch60_Transversal (Y)

Communication System: 802.11a ; Frequency: 5300 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 22.93 dB

ABM1 comp = -12.45 dBA/m

Location: 2, 12, 3.7 mm

0 dB = 14.01 = 22.93 dB

15_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch124_Axial (Z)

Communication System: 802.11a ; Frequency: 5620 MHz

Medium: Air Medium parameters used: σ = 0 S/m, ε$_r$ = 1; ρ = 0 kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
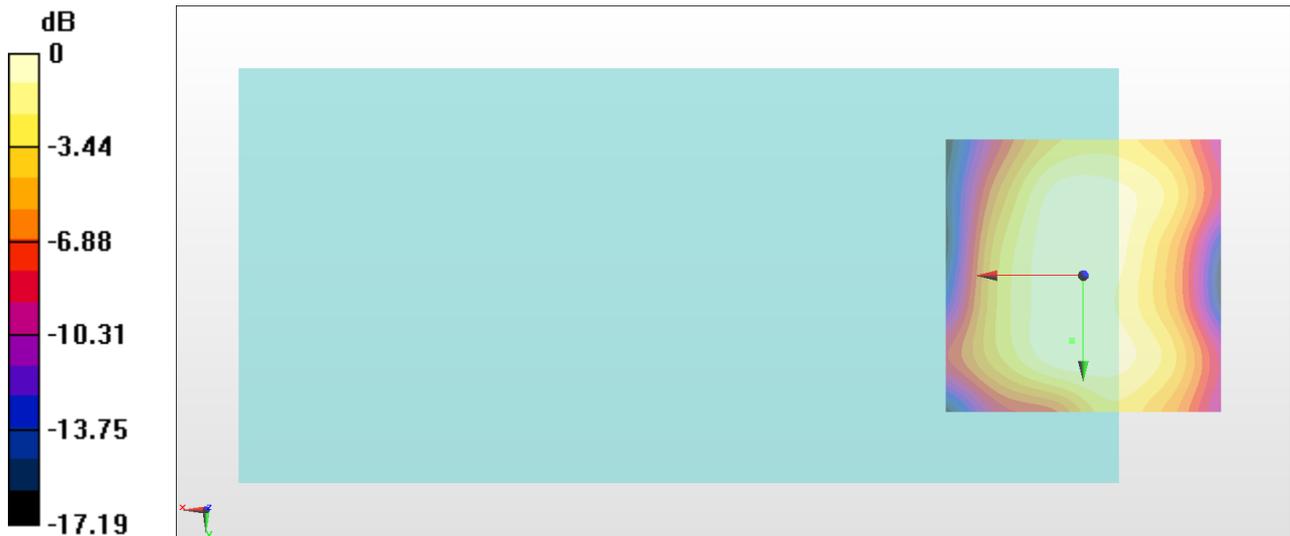- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 23.41 dB

ABM1 comp = -6.39 dBA/m

Location: -1, 0, 3.7 mm
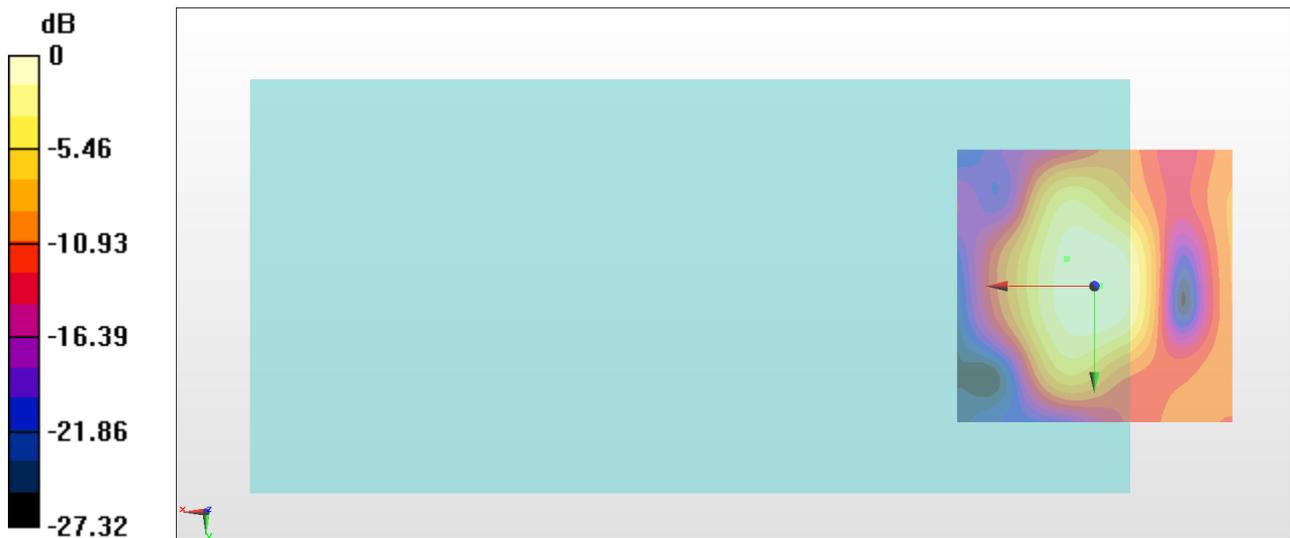
0 dB = 14.81 = 23.41 dB

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 5, -5, 3.7 mm Diff: 0.91dB

15_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch124_Transversal (Y)

Communication System: 802.11a ; Frequency: 5620 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
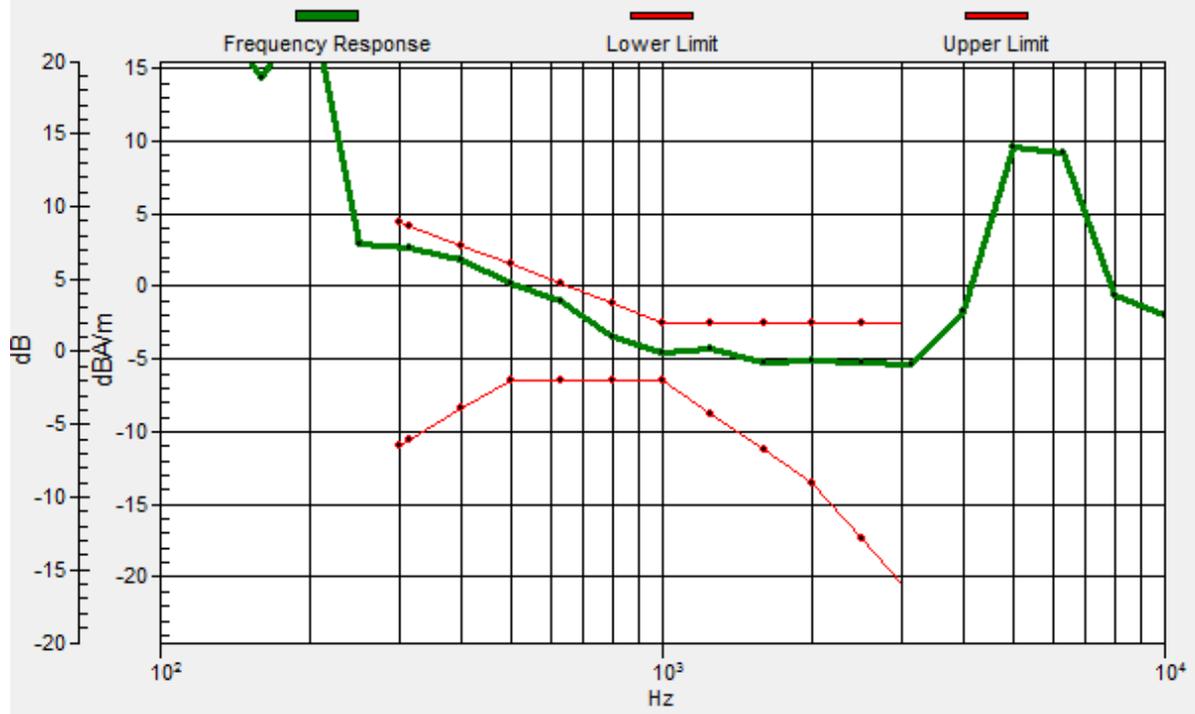- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 22.95 dB

ABM1 comp = -12.54 dBA/m

Location: 1, -7, 3.7 mm

0 dB = 14.04 = 22.95 dB

16_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch157_Axial (Z)

Communication System: 802.11a ; Frequency: 5785 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
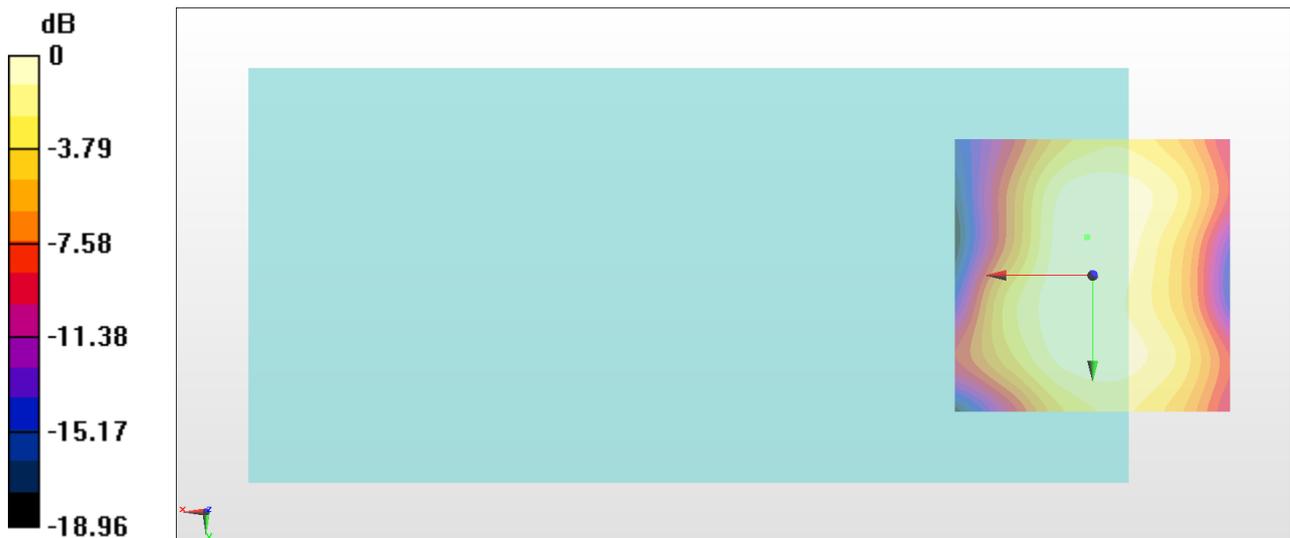- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 23.37 dB

ABM1 comp = -6.37 dBA/m

Location: -1, 0, 3.7 mm
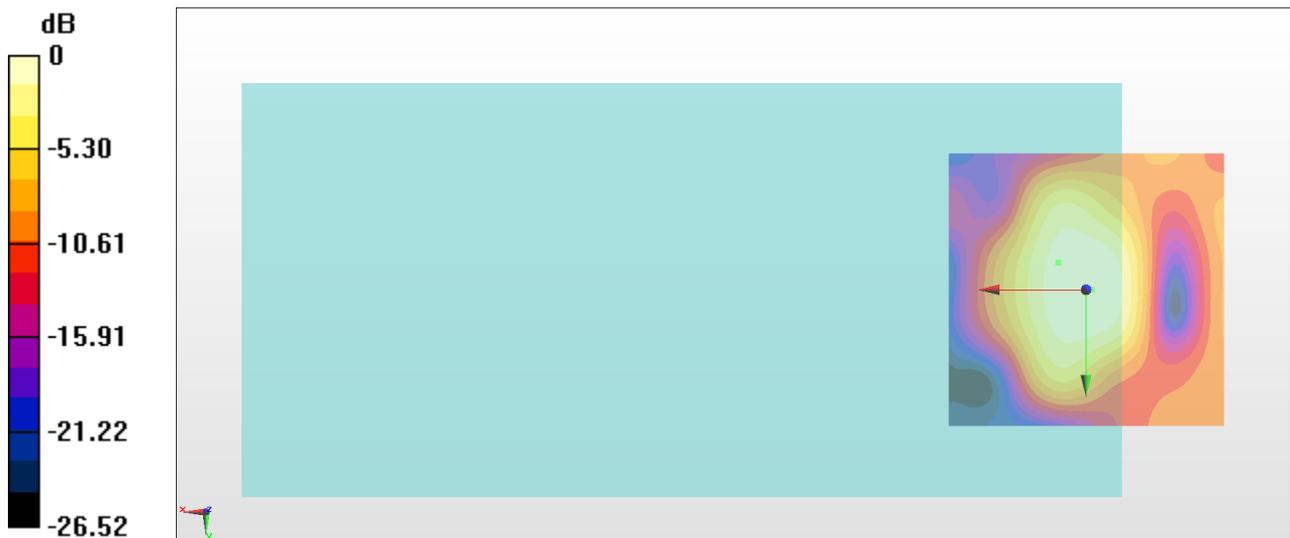
0 dB = 14.74 = 23.37 dB

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

Loc: 5, -5, 3.7 mm Diff: 0.91dB

16_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch157_Transversal (Y)

Communication System: 802.11a ; Frequency: 5785 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
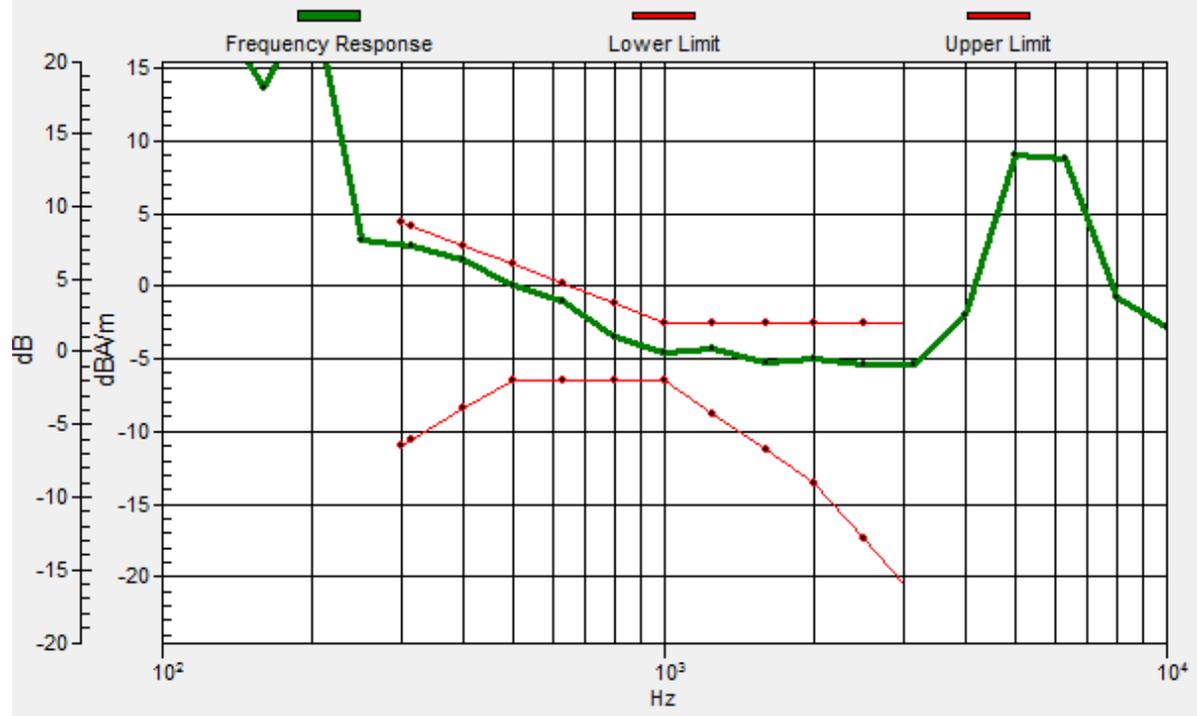- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
ABM1/ABM2 = 22.82 dB
ABM1 comp = -12.56 dBA/m
Location: 1, -9, 3.7 mm

0 dB = 13.83 = 22.82 dB

17_HAC_T-Coil_WCDMA II_HSPA_Ch9400_Axial (Z)

Communication System: WCDMA ; Frequency: 1880 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)
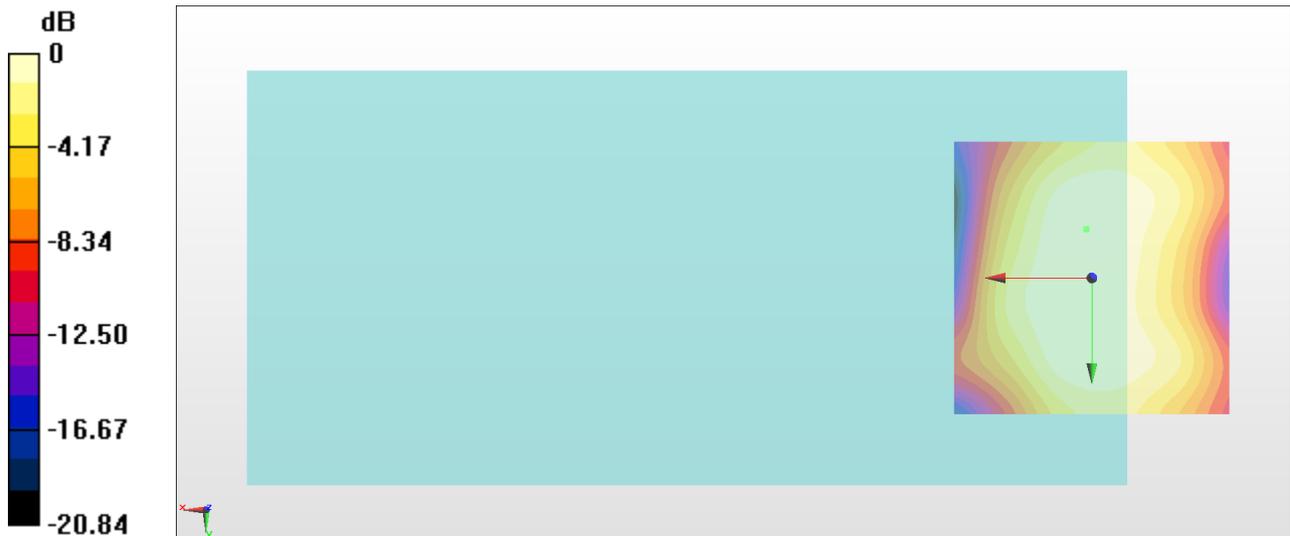
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 43.23 dB

ABM1 comp = 14.99 dBA/m

Location: 0, 0, 3.7 mm

0 dB = 145.1 = 43.23 dB

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 5, 5, 3.7 mm Diff: 1.6dB

17_HAC_T-Coil_WCDMA II_HSPA_Ch9400_Transversal (Y)

Communication System: WCDMA ; Frequency: 1880 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
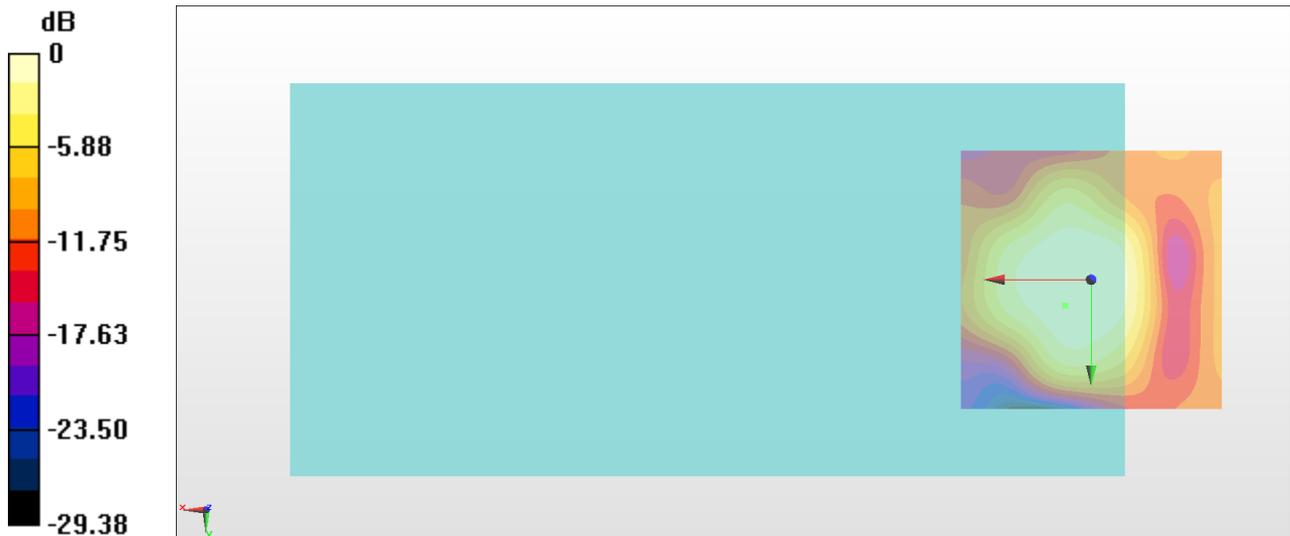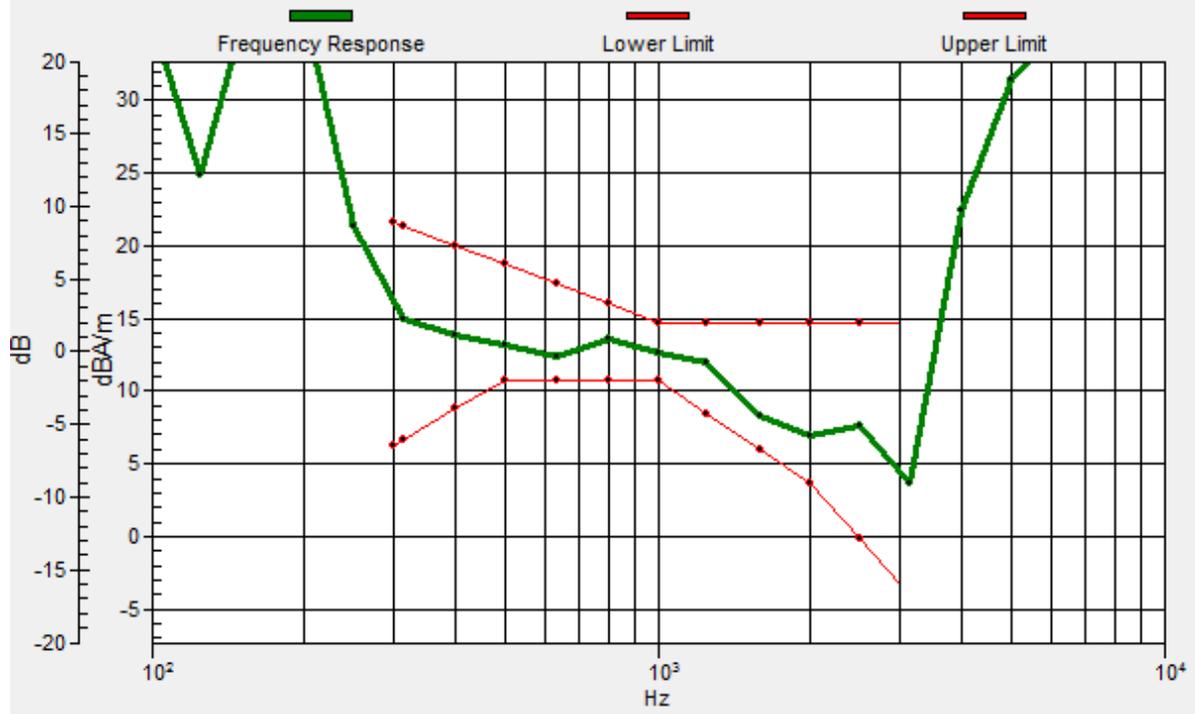- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 43.09 dB

ABM1 comp = 8.06 dBA/m

Location: 1, -10, 3.7 mm

0 dB = 142.8 = 43.09 dB

18_HAC_T-Coil_WCDMA IV_HSPA_Ch1413_Axial (Z)

Communication System: WCDMA ; Frequency: 1732.6 MHz

Medium: Air Medium parameters used: σ = 0 S/m, $ε_r$ = 1; ρ = 0 kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
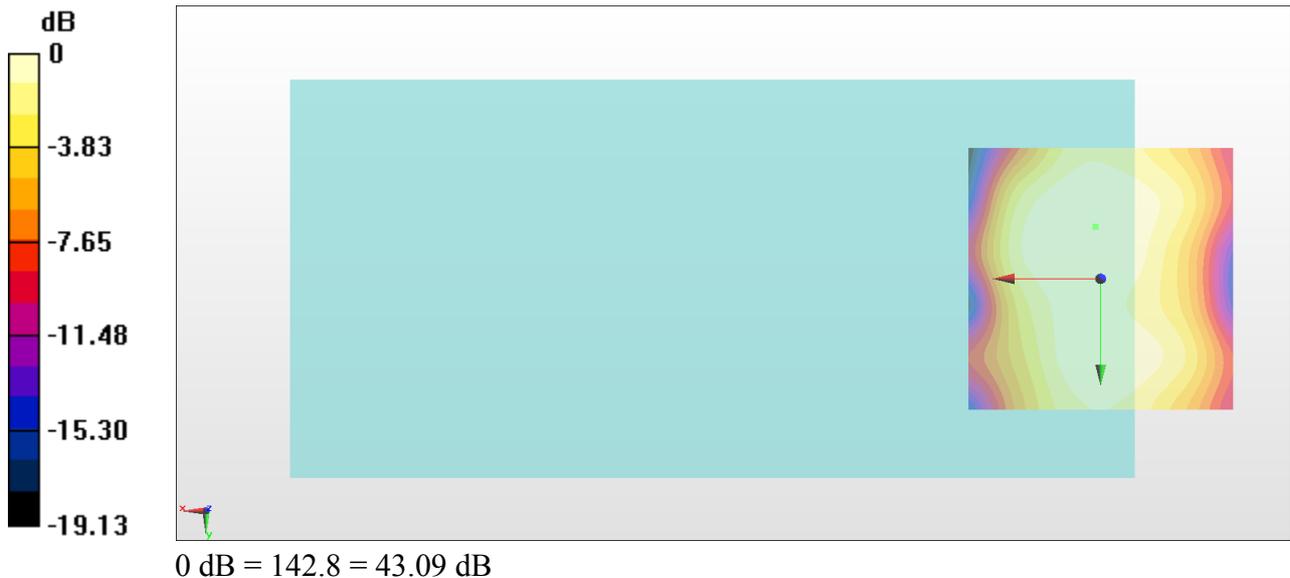- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 41.88 dB

ABM1 comp = 13.81 dBA/m

Location: -1, 0, 3.7 mm
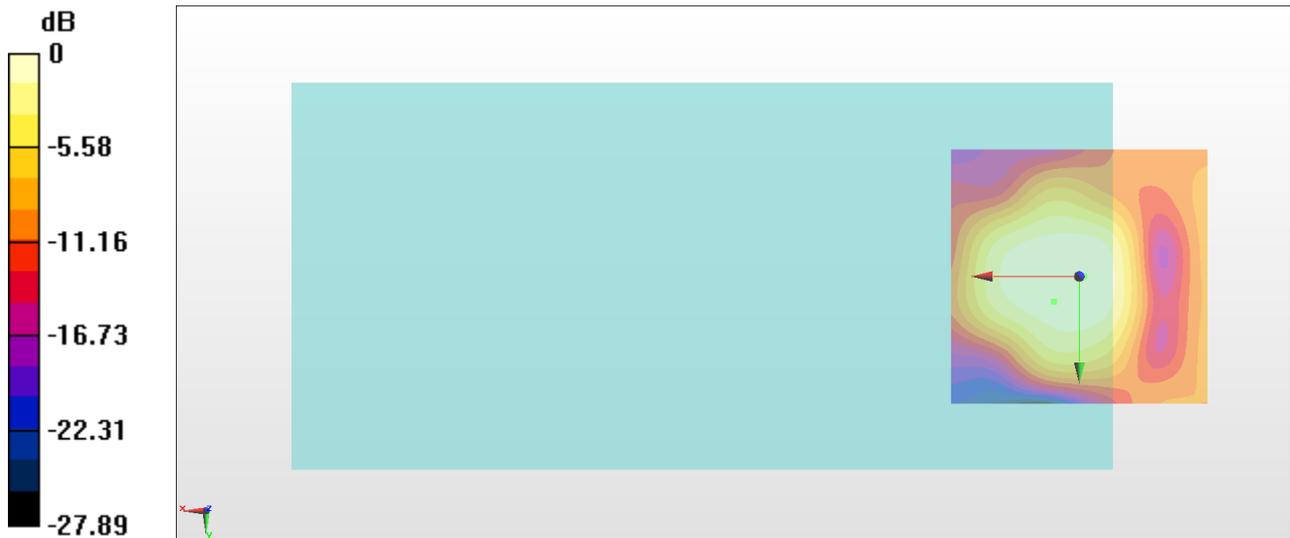
0 dB = 124.1 = 41.88 dB

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

Loc: 5, 5, 3.7 mm Diff: 1.47dB

Frequency Response   Lower Limit   Upper Limit

18_HAC_T-Coil_WCDMA IV_HSPA_Ch1413_Transversal (Y)

Communication System: WCDMA ; Frequency: 1732.6 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
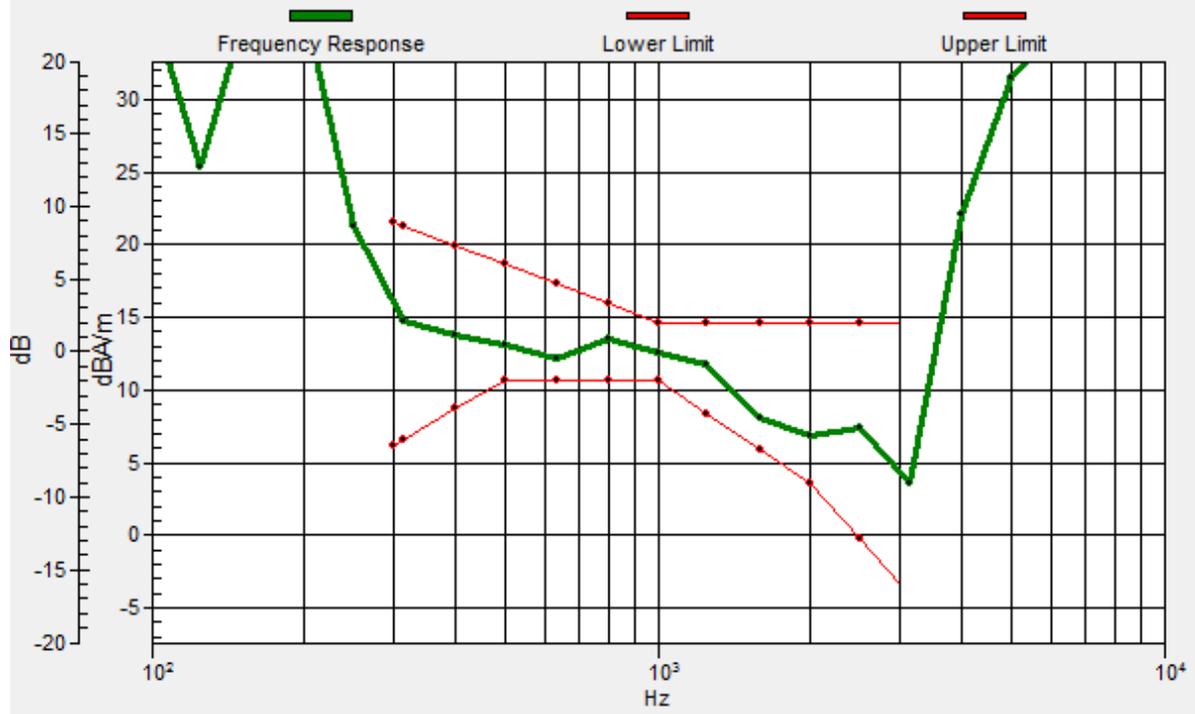- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 42.19 dB

ABM1 comp = 6.59 dBA/m

Location: -2, -8, 3.7 mm

0 dB = 128.6 = 42.18 dB

19_HAC_T-Coil_WCDMA V_HSPA_Ch4182_Axial (Z)

Communication System: WCDMA ; Frequency: 836.4 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)
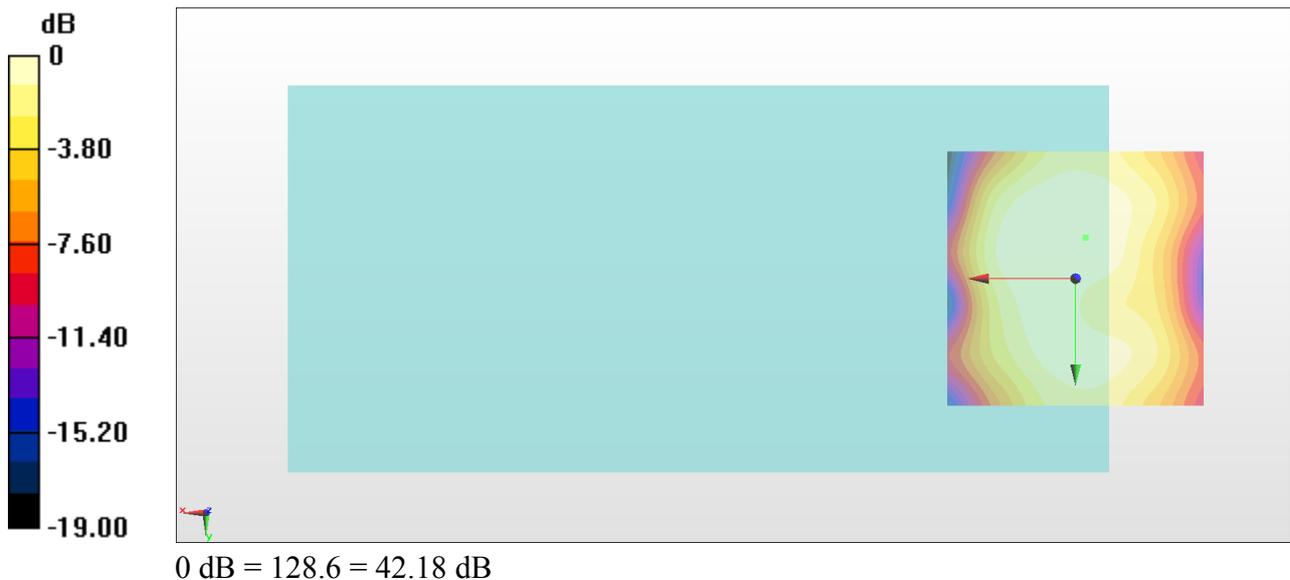
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 43.21 dB
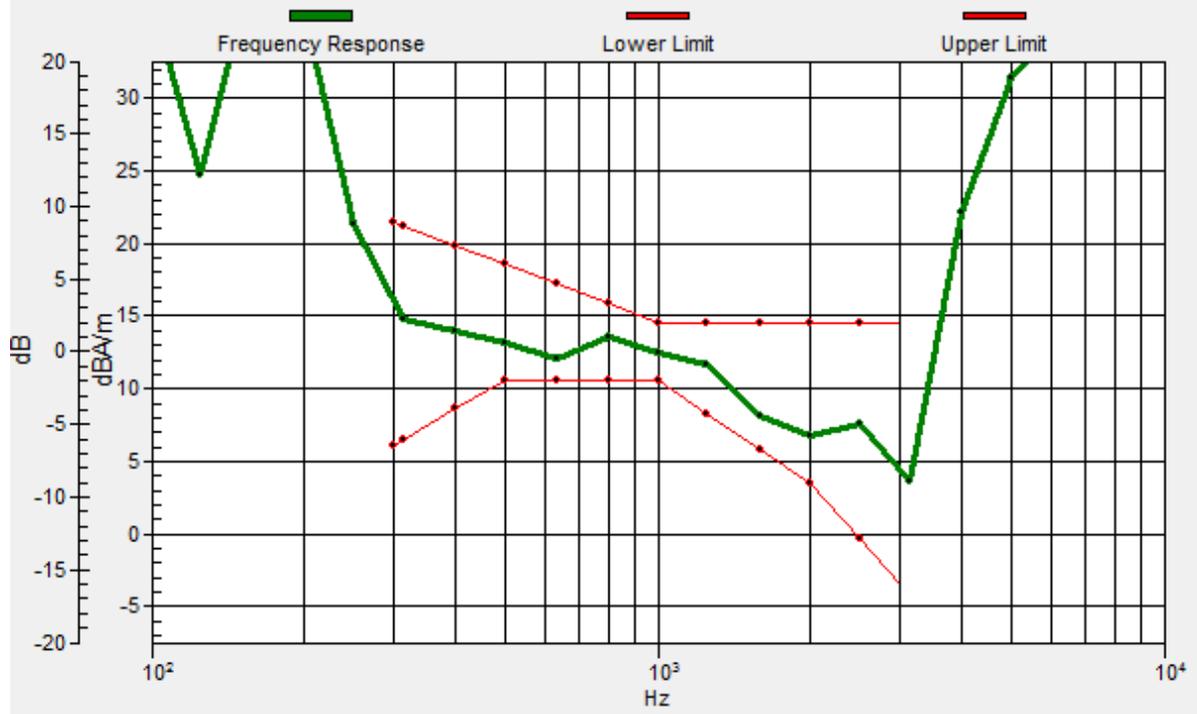
ABM1 comp = 12.77 dBA/m

Location: -2, 0, 3.7 mm

0 dB = 144.7 = 43.21 dB

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 5, 5, 3.7 mm Diff: 1.47dB

Frequency Response   Lower Limit   Upper Limit

19_HAC_T-Coil_WCDMA V_HSPA_Ch4182_Transversal (Y)

Communication System: WCDMA ; Frequency: 836.4 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 42.23 dB

ABM1 comp = 7.75 dBA/m

Location: 0, -9, 3.7 mm

0 dB = 129.3 = 42.23 dB

20_HAC_T-Coil_GSM850_EDGE (2 Tx slots)_Ch189_Axial (Z)

Communication System: GSM850 ; Frequency: 836.4 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
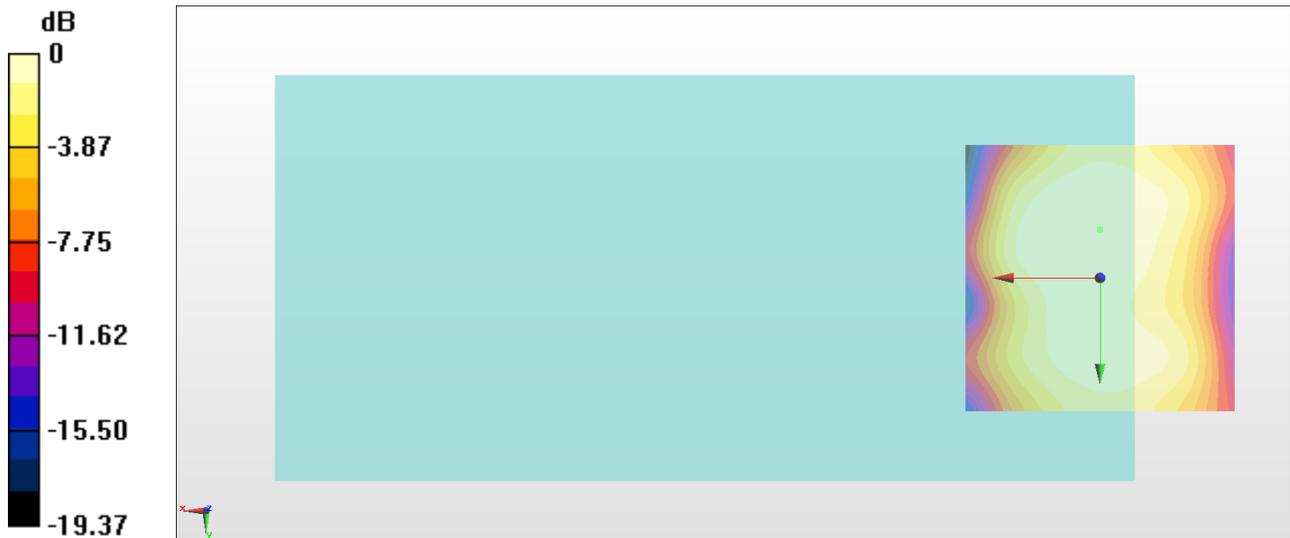- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm
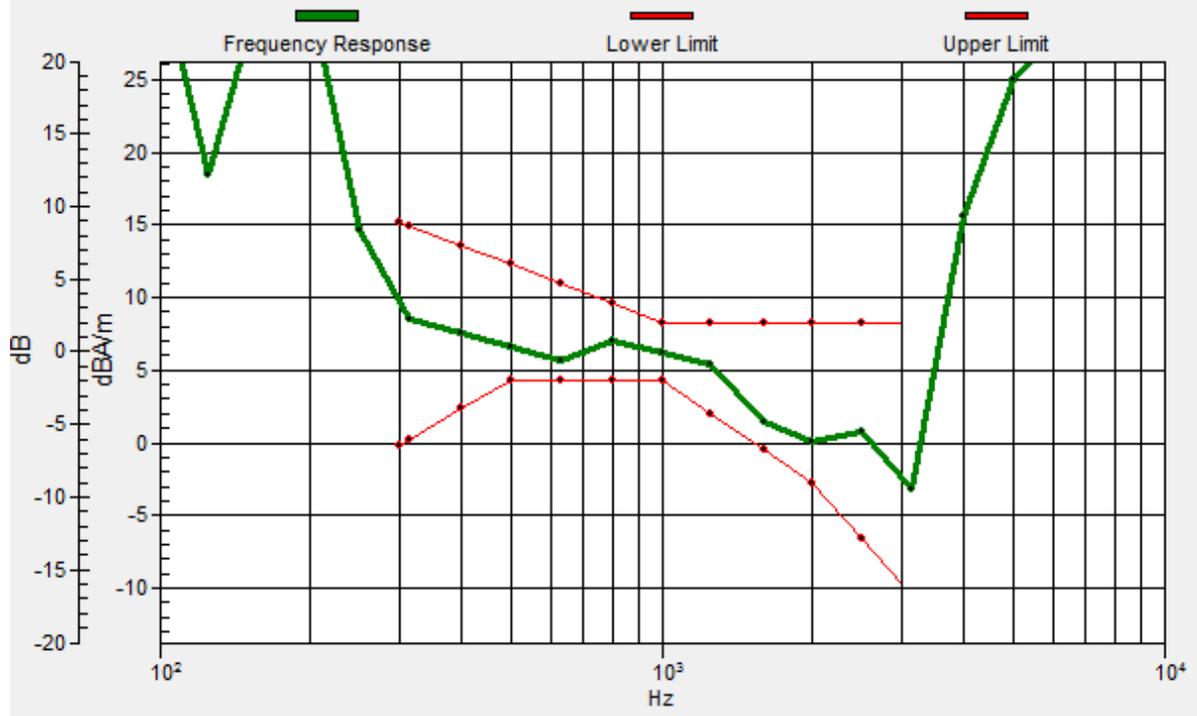
ABM1/ABM2 = 42.78 dB

ABM1 comp = 12.82 dBA/m

Location: -2, 0, 3.7 mm

0 dB = 137.7 = 42.78 dB

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: -5, 5, 3.7 mm Diff: 1.4dB

20_HAC_T-Coil_GSM850_EDGE (2 Tx slots)_Ch189_Transversal (Y)

Communication System: GSM850 ; Frequency: 836.4 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 41.34 dB

ABM1 comp = 8.75 dBA/m

Location: 3, -10, 3.7 mm

0 dB = 116.7 = 41.34 dB

21_HAC_T-Coil_GSM1900_EDGE (2 Tx slots)_Ch661_Axial (Z)

Communication System: PCS ; Frequency: 1880 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
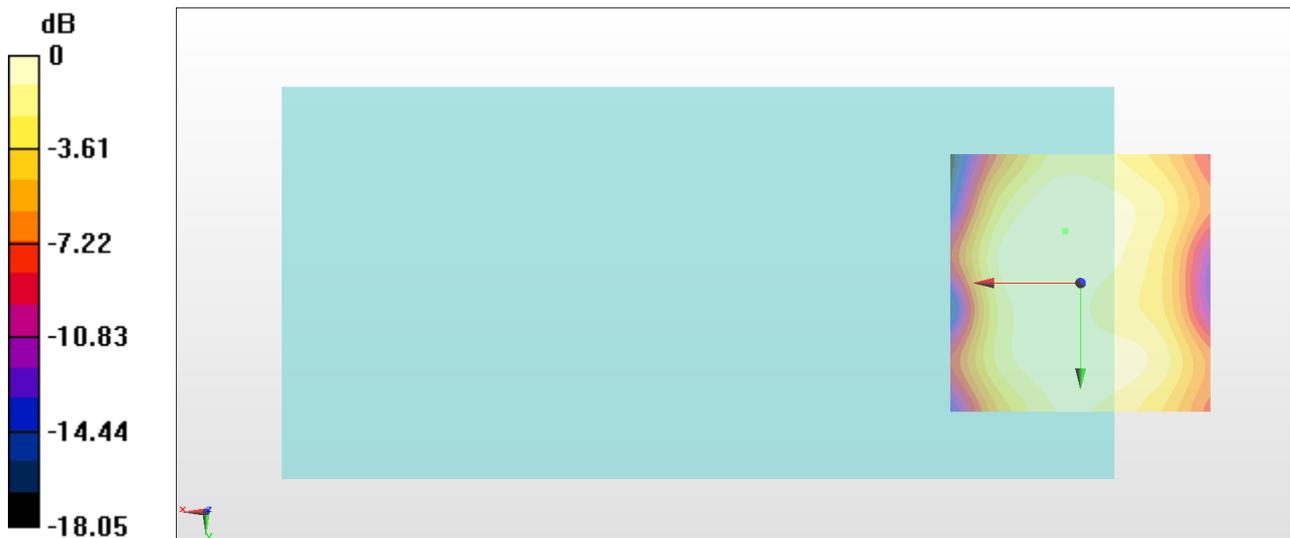- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

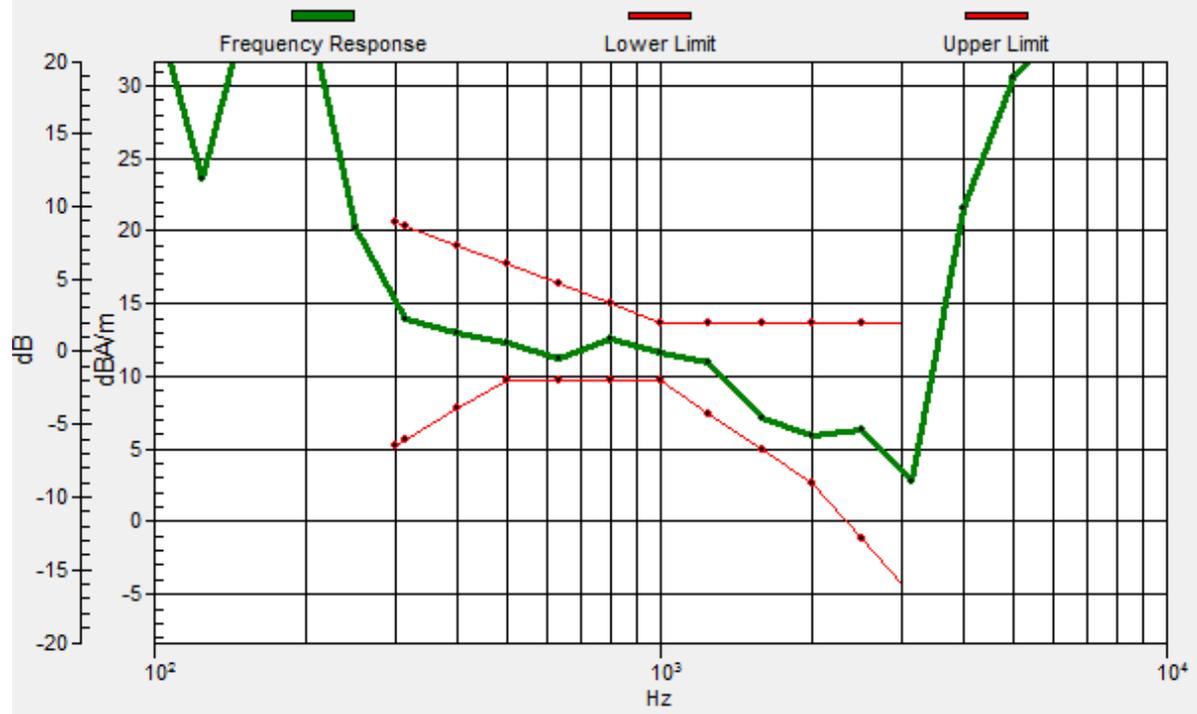Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 43.44 dB

ABM1 comp = 15.33 dBA/m

Location: 0, 0, 3.7 mm

0 dB = 148.6 = 43.44 dB

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 5, -5, 3.7 mm Diff: 1.58dB

21_HAC_T-Coil_GSM1900_EDGE (2 Tx slots)_Ch661_Transversal (Y)

Communication System: PCS ; Frequency: 1880 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 42.16 dB

ABM1 comp = 8.62 dBA/m

Location: 2, -5, 3.7 mm

0 dB = 128.2 = 42.16 dB

#09_HAC_T-Coil_LTE Band 17_10M_QPSK_1RB_0offset_NB AMR 12.2Kbps_Ch23790_Axial (Z)

Communication System: LTE ; Frequency: 710 MHz

Medium: Air Medium parameters used: σ = 0 S/m, ε_r = 1; ρ = 0 kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
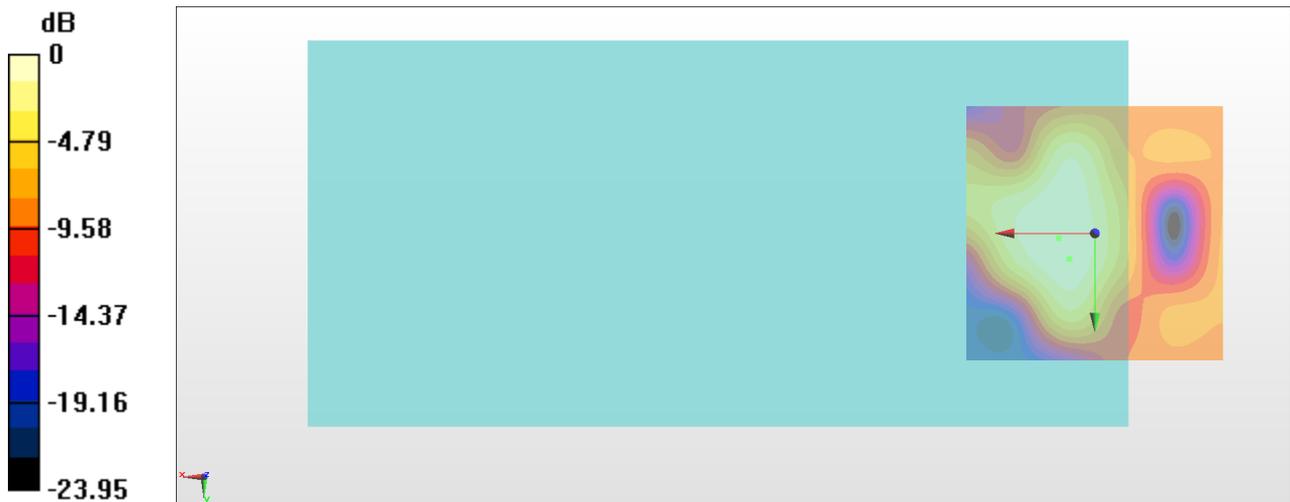- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm
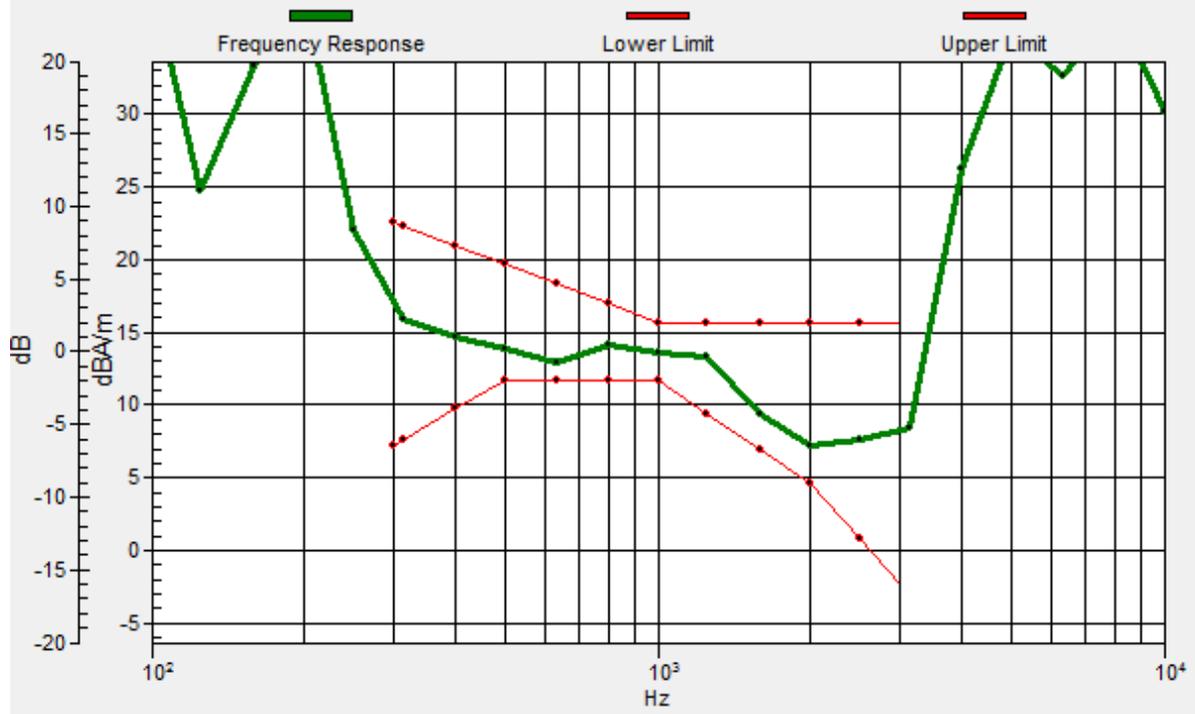ABM1/ABM2 = 42.00 dB
ABM1 comp = 17.63 dBA/m
Location: 7, 1, 3.7 mm

0 dB = 125.9 = 42.00 dB

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

Loc: 5, 5, 3.7 mm Diff: 1.26dB

Frequency Response   Lower Limit   Upper Limit

#09_HAC_T-Coil_LTE Band 17_10M_QPSK_1RB_0offset_NB AMR 12.2Kbps_Ch23790_Transversal (Y)

Communication System: LTE ; Frequency: 710 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 41.82 dB

ABM1 comp = 10.40 dBA/m

Location: 3, -4, 3.7 mm

0 dB = 123.3 = 41.82 dB

23_HAC_T-Coil_WLAN2.4GHz_802.11b 1Mbps_Ch6_Axial (Z)

Communication System: 802.11b ; Frequency: 2437 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
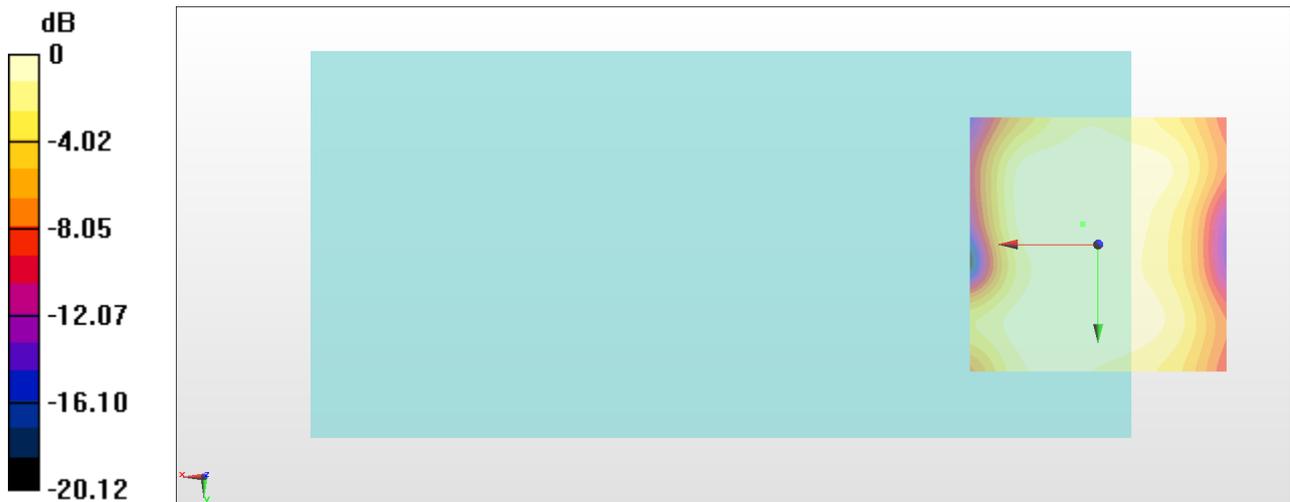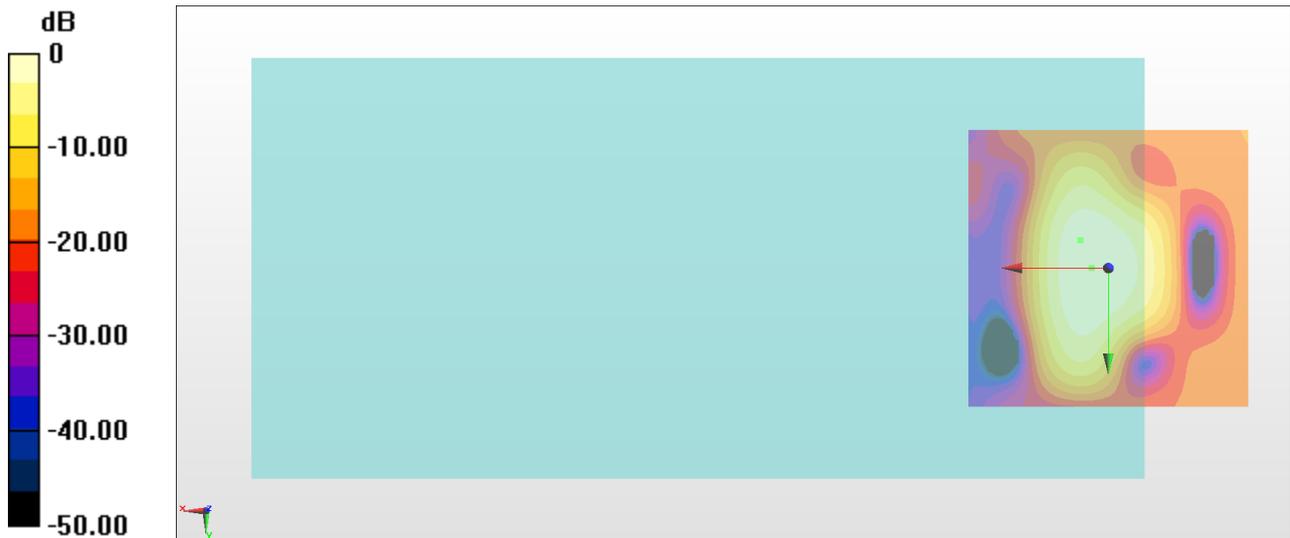- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

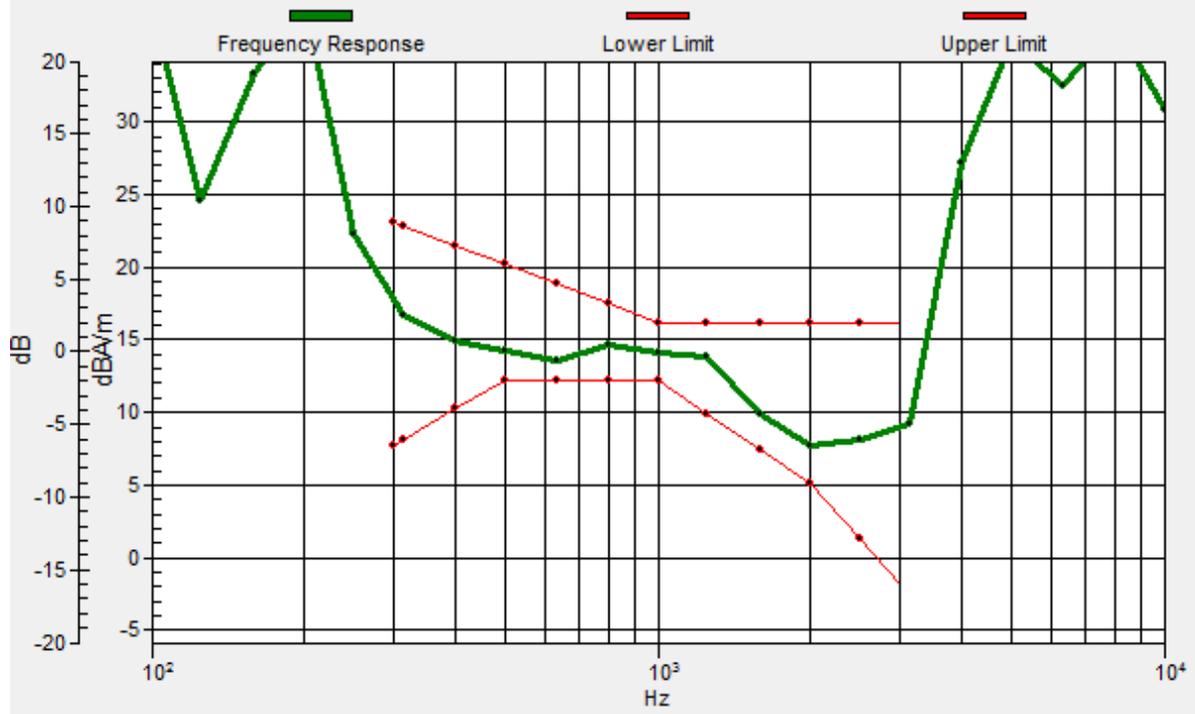ABM1/ABM2 = 43.00 dB

ABM1 comp = 18.03 dBA/m

Location: 3, 0, 3.7 mm

0 dB = 141.2 = 43.00 dB

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 5, -5, 3.7 mm Diff: 1.41dB

23_HAC_T-Coil_WLAN2.4GHz_802.11b 1Mbps_Ch6_Transversal (Y)

Communication System: 802.11b ; Frequency: 2437 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
ABM1/ABM2 = 42.05 dB
ABM1 comp = 9.52 dBA/m
Location: 2, 3, 3.7 mm

0 dB = 126.6 = 42.05 dB

24_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch157_Axial (Z)

Communication System: 802.11a ; Frequency: 5785 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

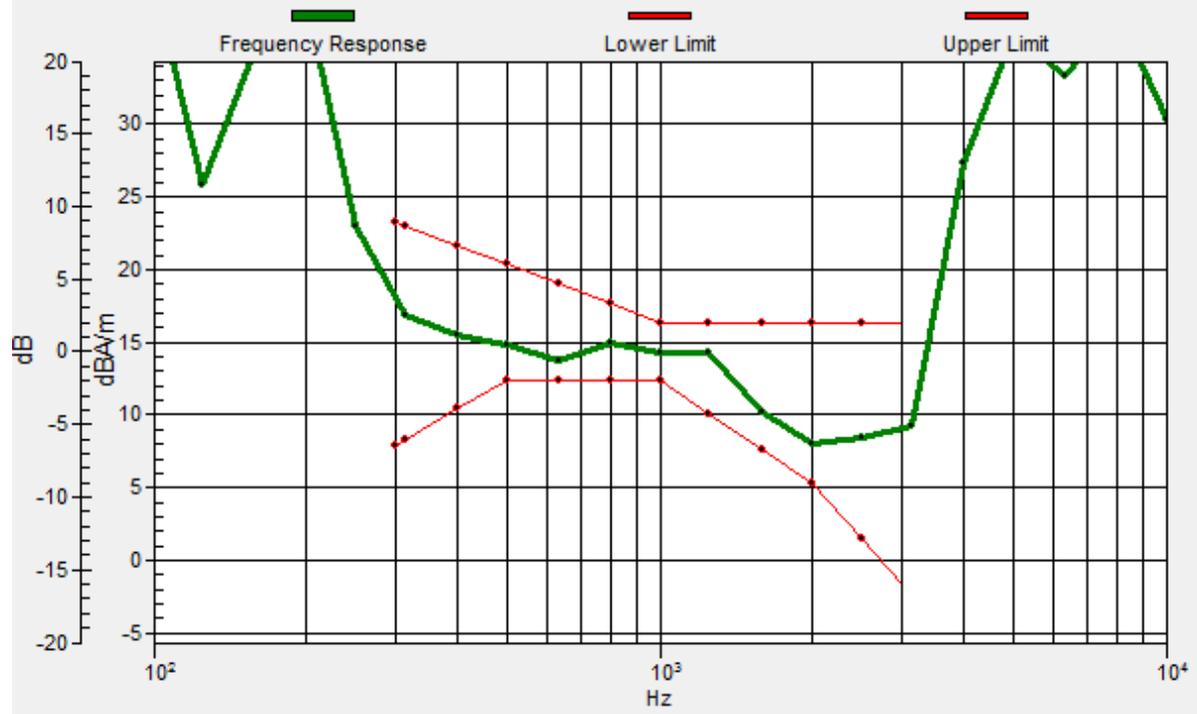Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 42.07 dB

ABM1 comp = 16.92 dBA/m

Location: 1, -1, 3.7 mm

0 dB = 126.9 = 42.07 dB

General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 5, -5, 3.7 mm Diff: 1.41dB

24_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch157_Transversal (Y)

Communication System: 802.11a ; Frequency: 5785 MHz

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3

Ambient Temperature：23.2 ℃

DASY5 Configuration
- Probe: AM1DV3 - 3130; ; Calibrated: 2017/11/21
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 41.49 dB

ABM1 comp = 9.88 dBA/m

Location: 2, 3, 3.7 mm

0 dB = 118.8 = 41.50 dB