

1_HAC T-Coil_GSM850_Voice_Ch189_Z

Communication System: UID 0, Generic GSM (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch189/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 = 34.49 dB

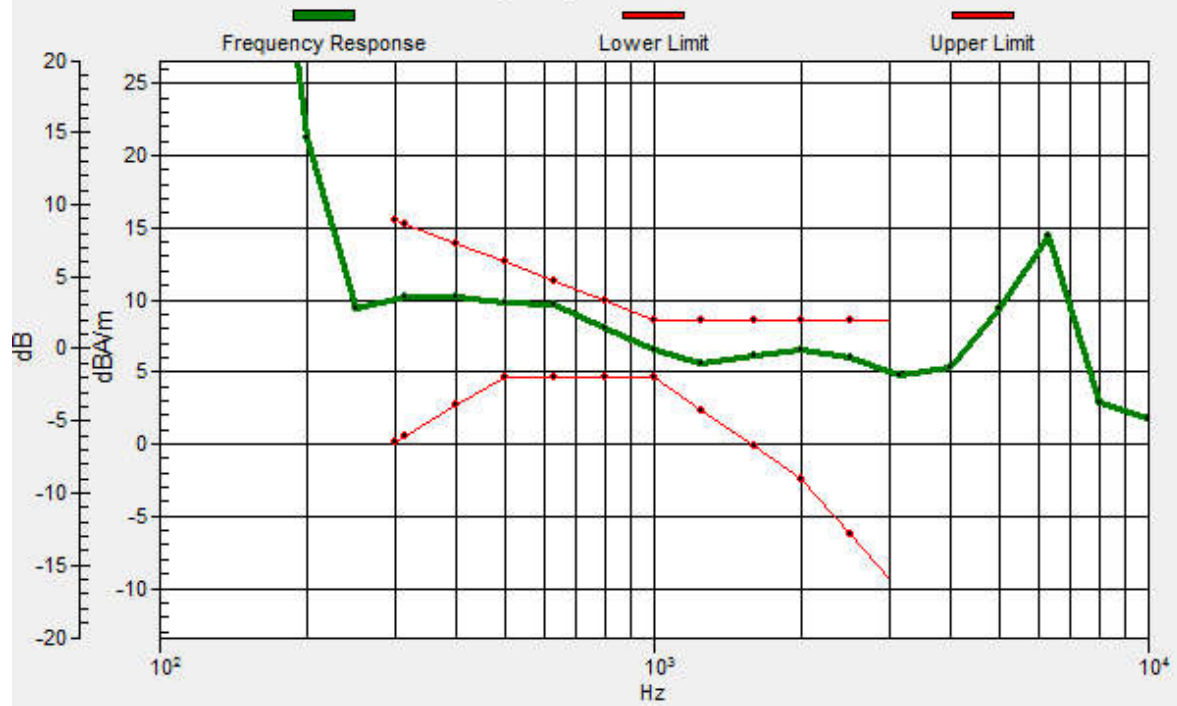
ABM1 comp = -3.01 dBA/m

Location: 5.4, -17.5, 3.7 mm



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

Loc: 5.3, -17.2, 3.7 mm Diff: 1.62dB



1_HAC T-Coil_GSM850_Voice_Ch189_Y

Communication System: UID 0, Generic GSM (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

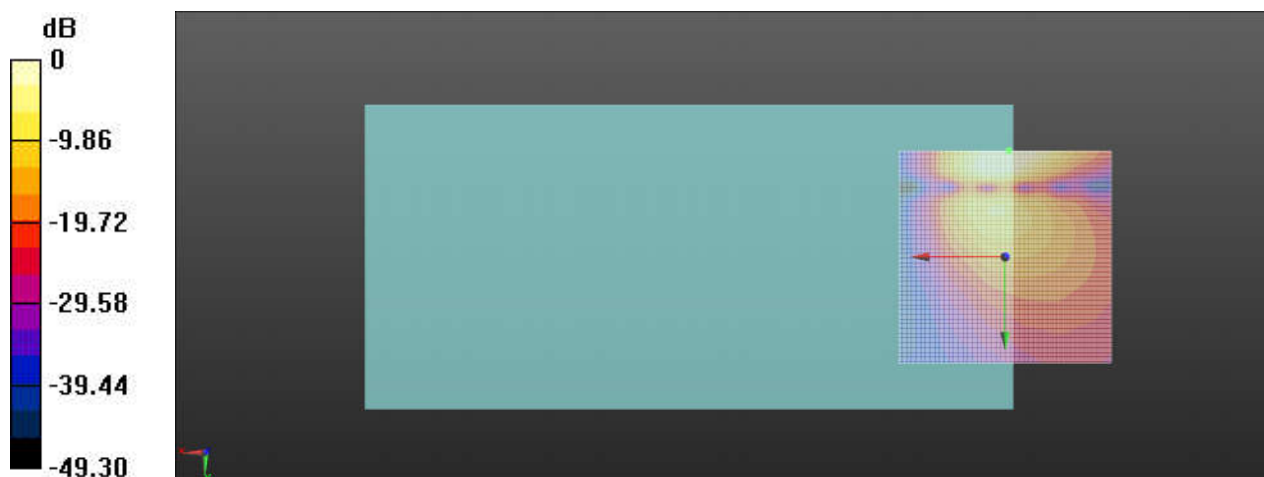
Ch189/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 42.07 dB

ABM1 comp = -6.85 dBA/m

Location: -0.8, -25, 3.7 mm



0 dB = 126.9 = 42.07 dB

2_HAC T-Coil_GSM1900_Voice_Ch661_Z

Communication System: UID 0, Generic GSM (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

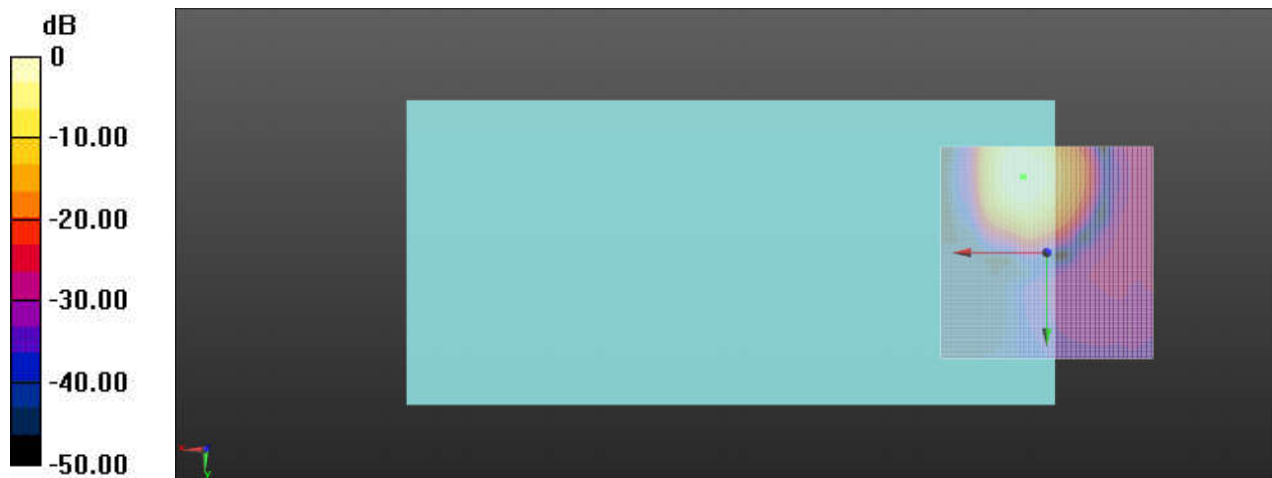
Ch661/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 40.31 dB

ABM1 comp = 4.88 dBA/m

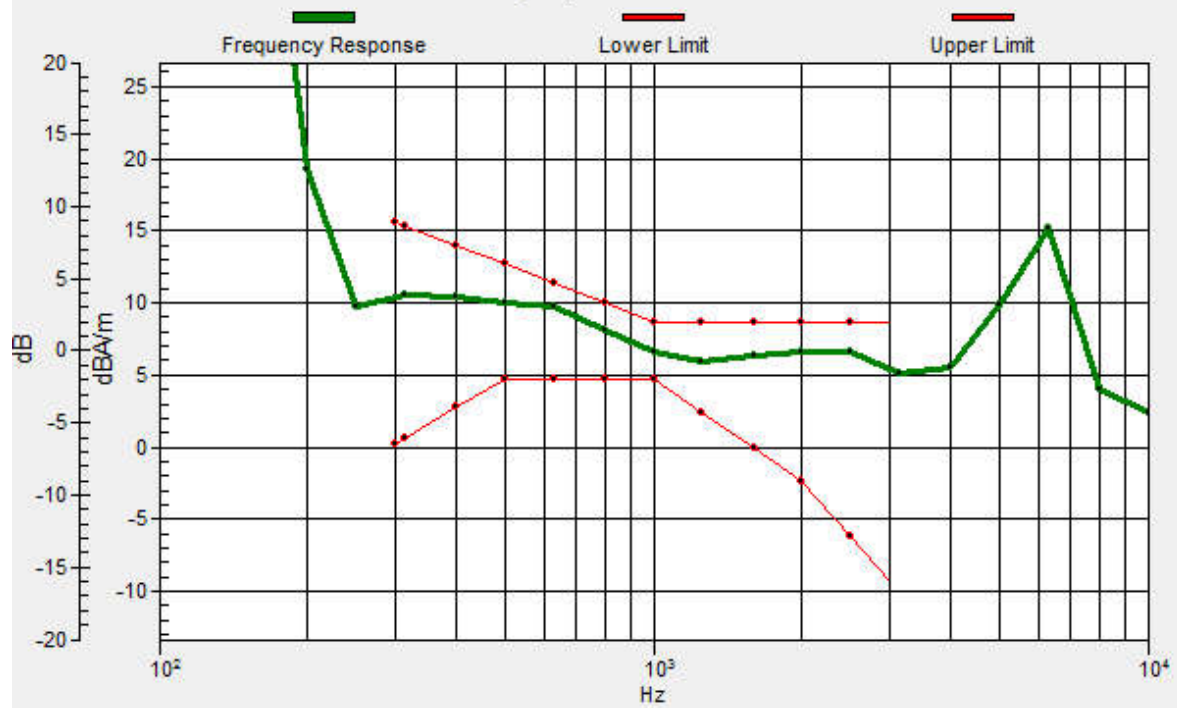
Location: 5.4, -17.9, 3.7 mm



0 dB = 103.7 = 40.32 dB

Ch661/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 5.6, -18, 3.7 mm Diff: 1.6dB



2_HAC T-Coil_GSM1900_Voice_Ch661_Y

Communication System: UID 0, Generic GSM (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

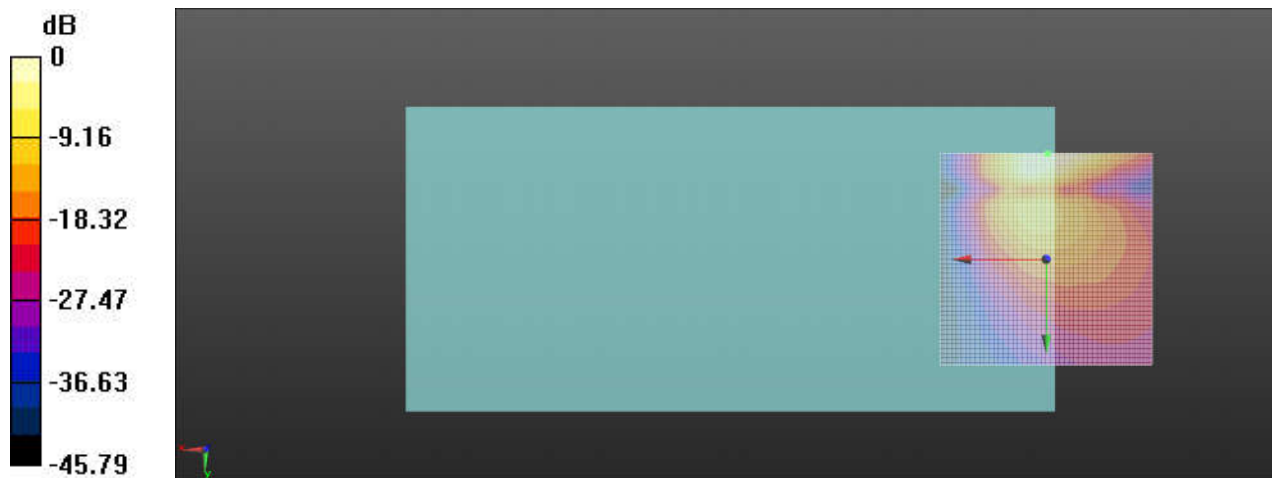
Ch661/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 40.84 dB

ABM1 comp = -6.47 dBA/m

Location: -0.4, -25, 3.7 mm



0 dB = 110.1 = 40.84 dB

3_HAC T-Coil_WCDMA V_Voice_Ch4182_Z

Communication System: UID 0, UMTS (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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch4182/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 = 47.41 dB

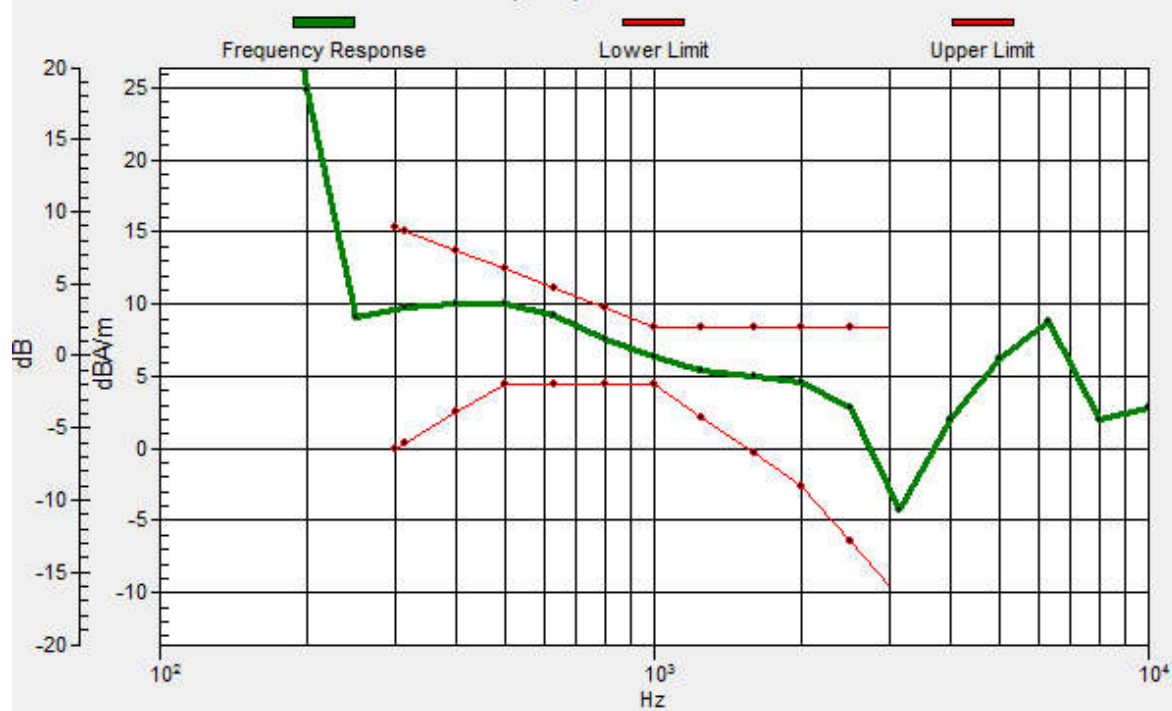
ABM1 comp = 3.79 dBA/m

Location: 4.6, -16.3, 3.7 mm



Ch4182/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.4, -16.4, 3.7 mm Diff: 1.9dB



3_HAC T-Coil_WCDMA V_Voice_Ch4182_Y

Communication System: UID 0, UMTS (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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

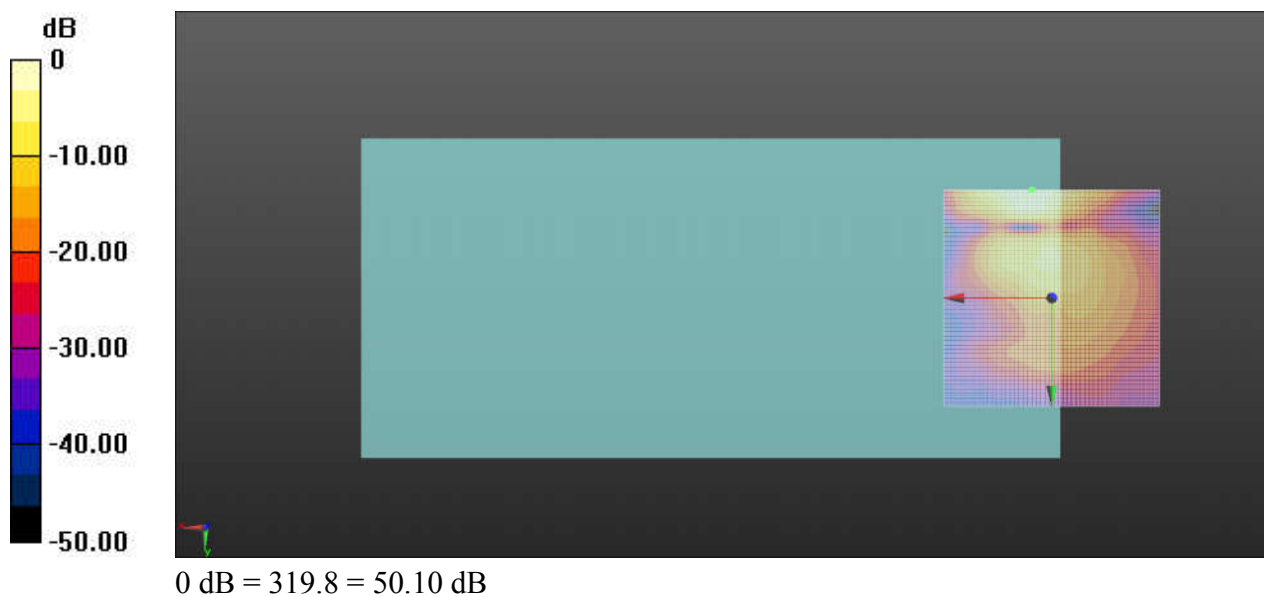
Ch4182/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 50.10 dB

ABM1 comp = -3.22 dBA/m

Location: 4.6, -25, 3.7 mm



4_HAC T-Coil_WCDMA IV_Voice_Ch1413_Z

Communication System: UID 0, UMTS (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch1413/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 = 48.45 dB

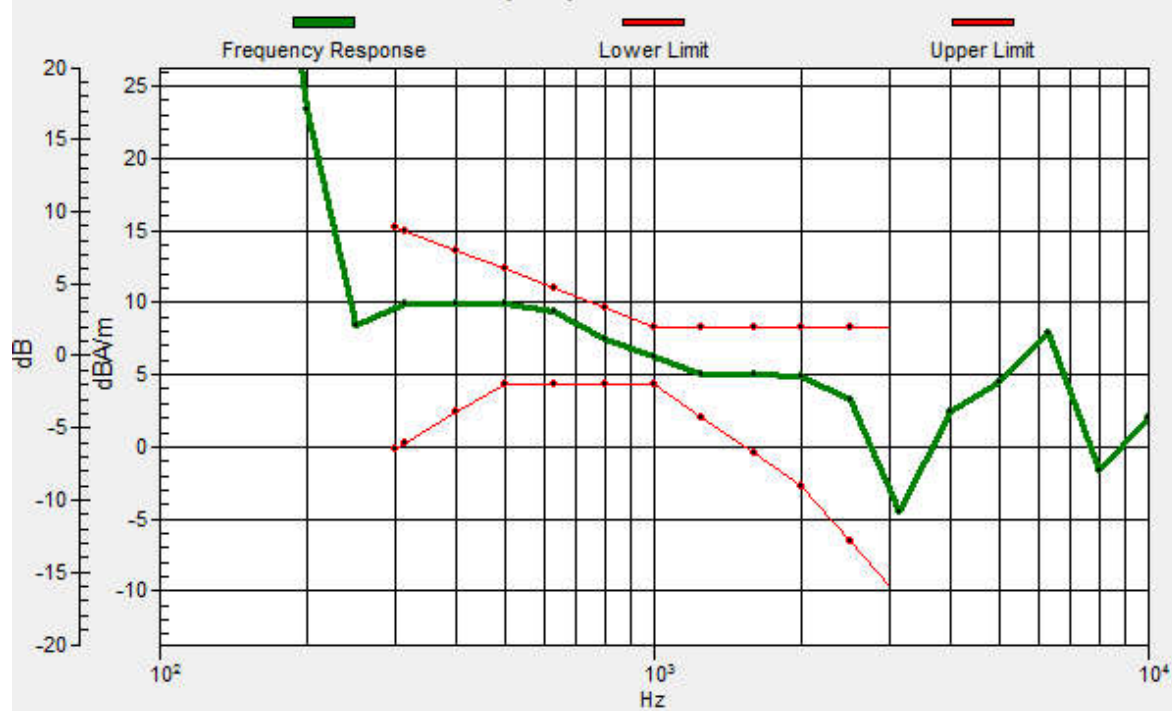
ABM1 comp = 3.53 dBA/m

Location: 4.2, -15.8, 3.7 mm



Ch1413/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.3, -15.9, 3.7 mm Diff: 1.65dB



4_HAC T-Coil_WCDMA IV_Voice_Ch1413_Y

Communication System: UID 0, UMTS (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

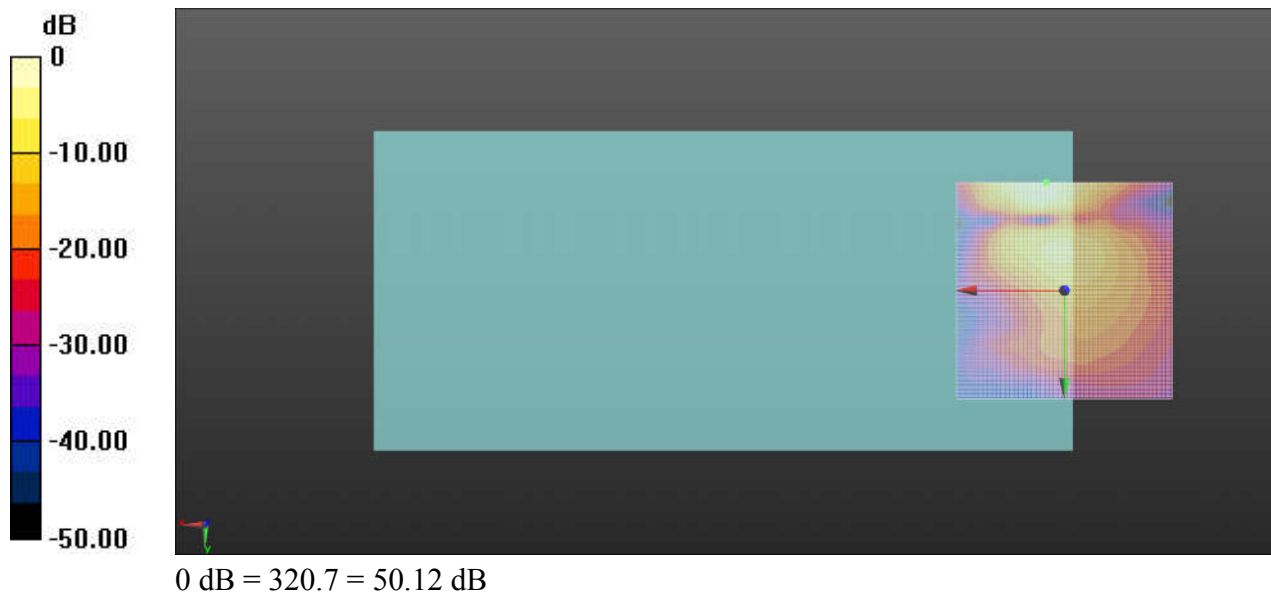
Ch1413/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 50.12 dB

ABM1 comp = -3.26 dBA/m

Location: 4.2, -25, 3.7 mm



5_HAC T-Coil_WCDMA II_Voice_Ch9400_Z

Communication System: UID 0, UMTS (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch9400/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 = 47.77 dB

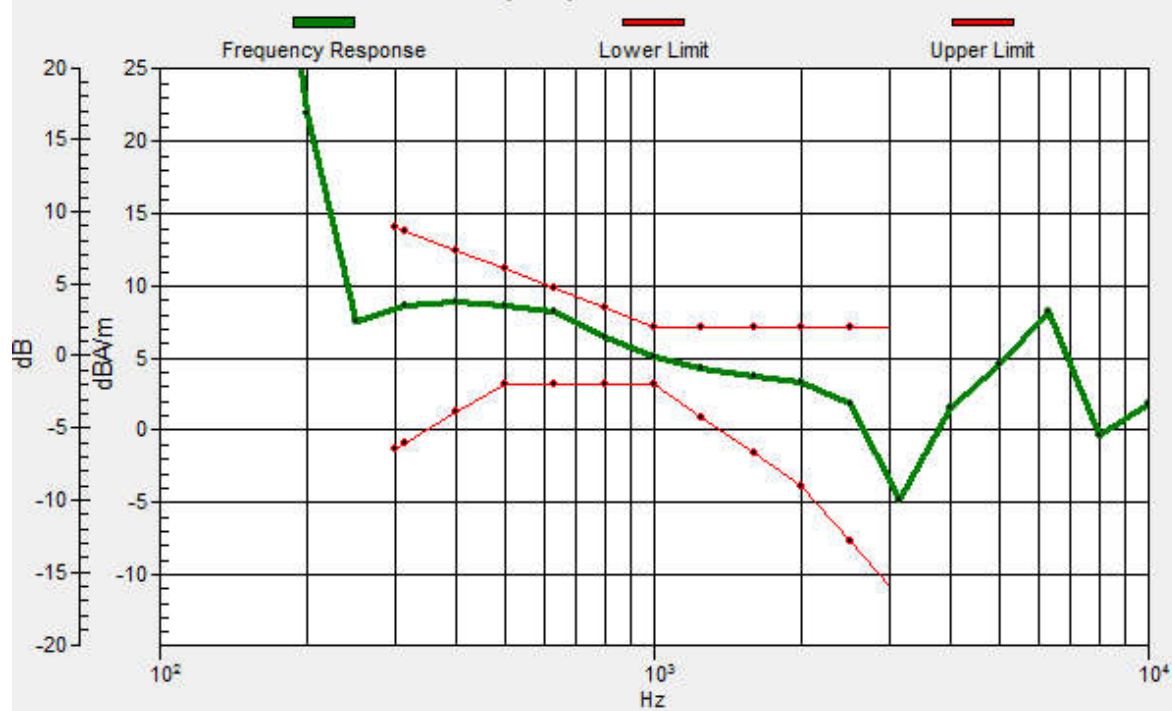
ABM1 comp = 2.94 dBA/m

Location: 4.6, -13.8, 3.7 mm



Ch9400/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.5, -13.6, 3.7 mm Diff: 1.58dB



5_HAC T-Coil_WCDMA II_Voice_Ch9400_Y

Communication System: UID 0, UMTS (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch9400/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 = 45.18 dB

ABM1 comp = -3.59 dBA/m

Location: 4.2, -25, 3.7 mm



6_HAC T-Coil_LTE Band 12_10M_QPSK_1RB_0Offset_Ch23095_Z

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

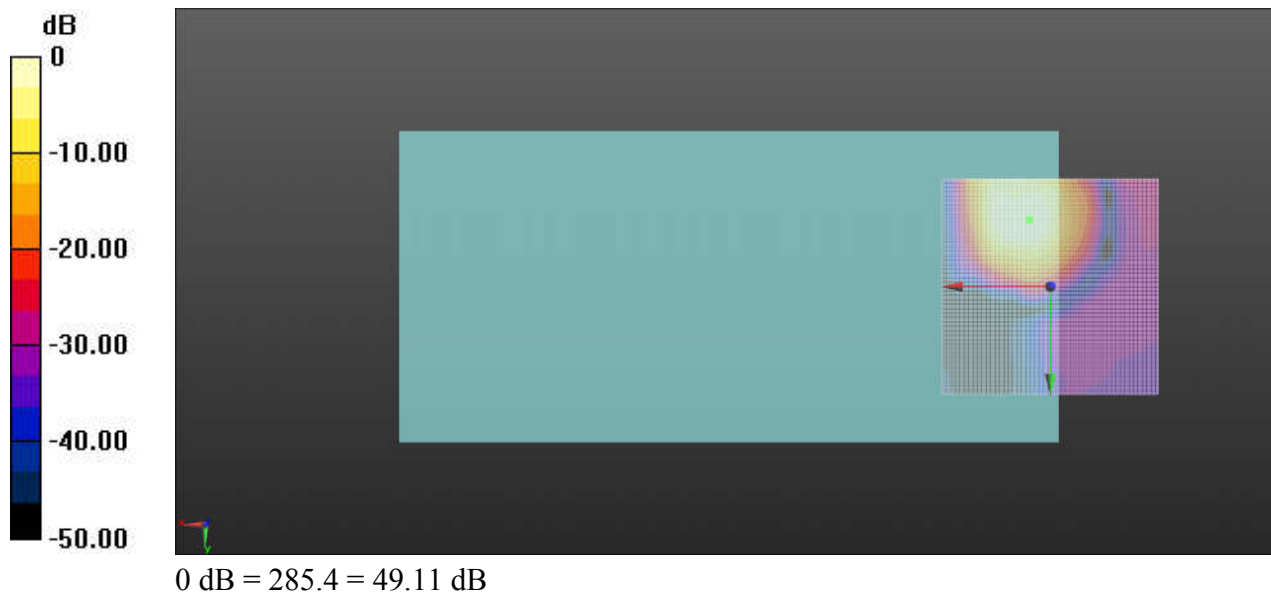
Ch23095/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 49.11 dB

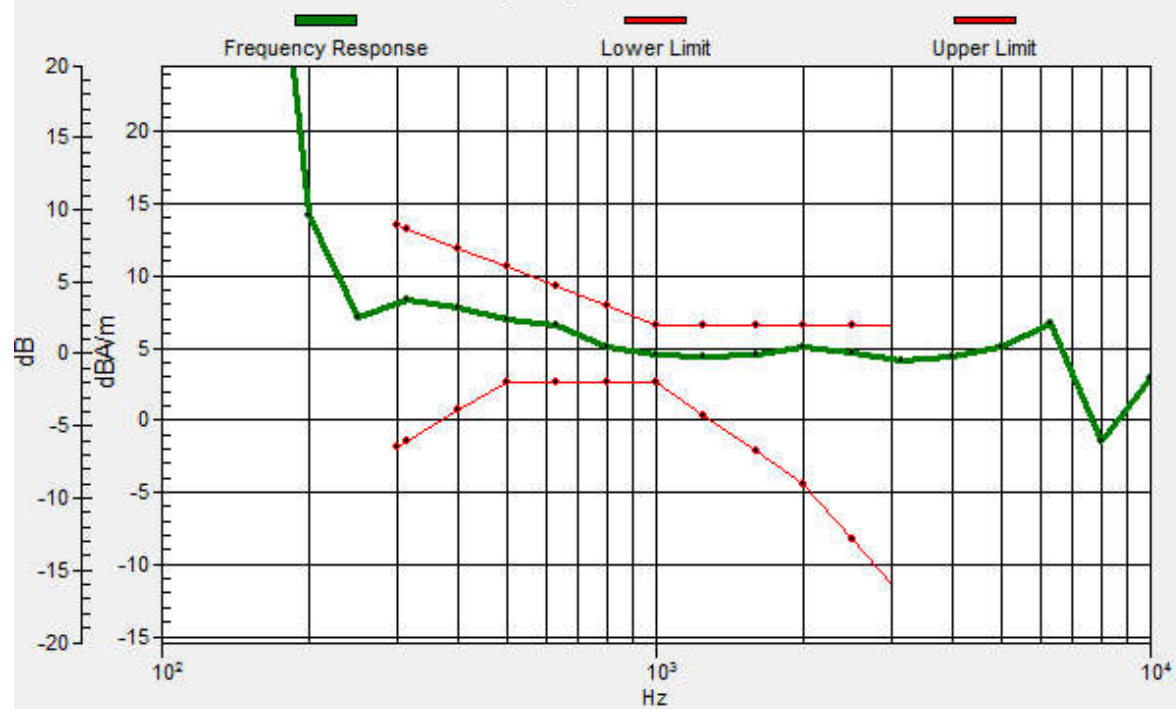
ABM1 comp = 3.67 dBA/m

Location: 5, -15.4, 3.7 mm



Ch23095/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.9, -15.5, 3.7 mm Diff: 1.57dB



6_HAC T-Coil_LTE Band 12_10M_QPSK_1RB_0Offset_Ch23095_Y

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

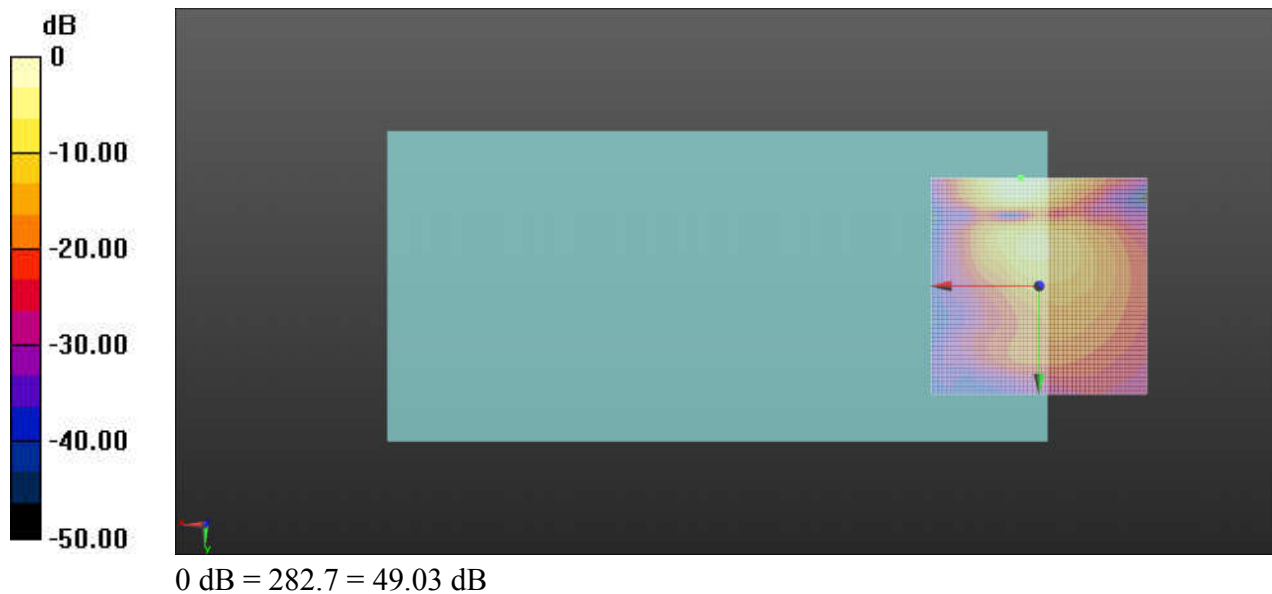
Ch23095/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 49.03 dB

ABM1 comp = -3.58 dBA/m

Location: 4.2, -25, 3.7 mm



7_HAC T-Coil_LTE Band 13_10M_QPSK_1RB_0Offset_Ch23230_Z

Communication System: UID 0, LTE (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

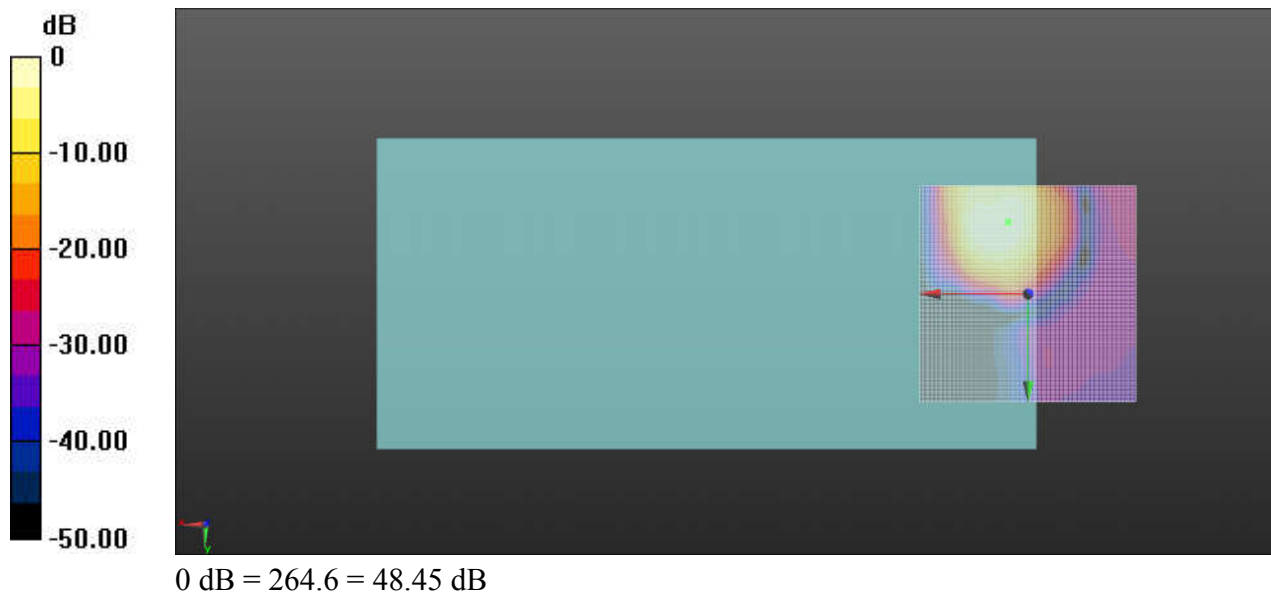
Ch23230/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 48.45 dB

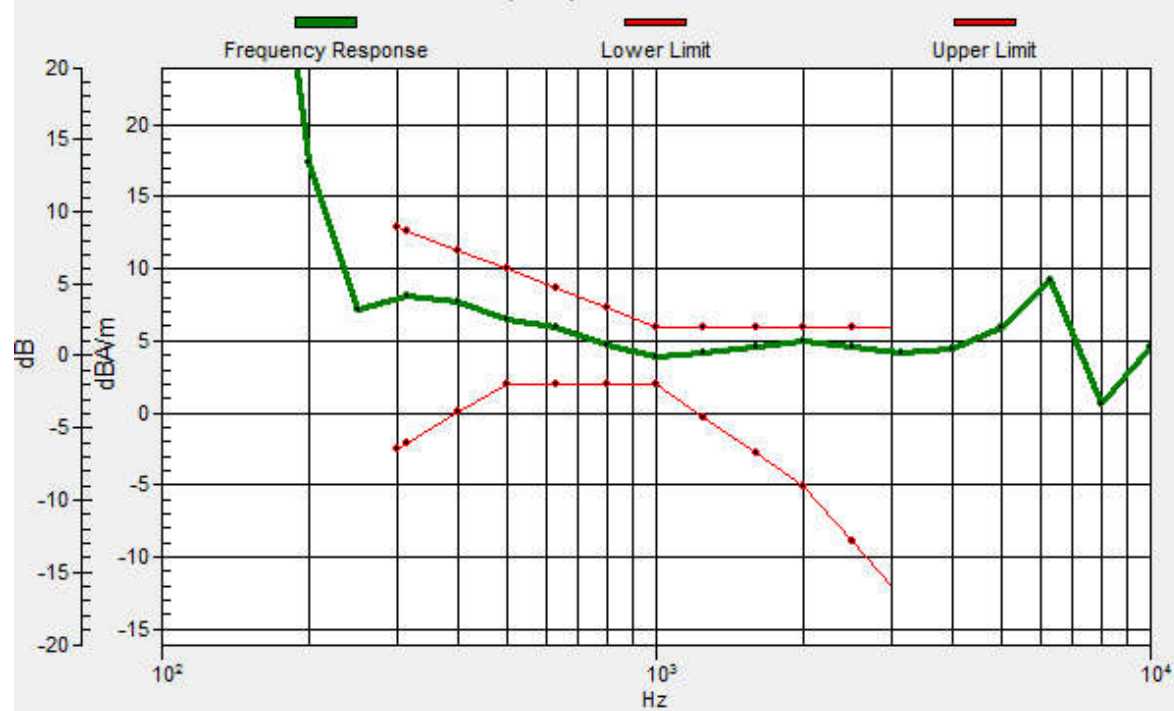
ABM1 comp = 3.63 dBA/m

Location: 4.6, -16.7, 3.7 mm



Ch23230/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.7, -16.5, 3.7 mm Diff: 0.99dB



7_HAC T-Coil_LTE Band 13_10M_QPSK_1RB_0Offset_Ch23230_Y

Communication System: UID 0, LTE (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

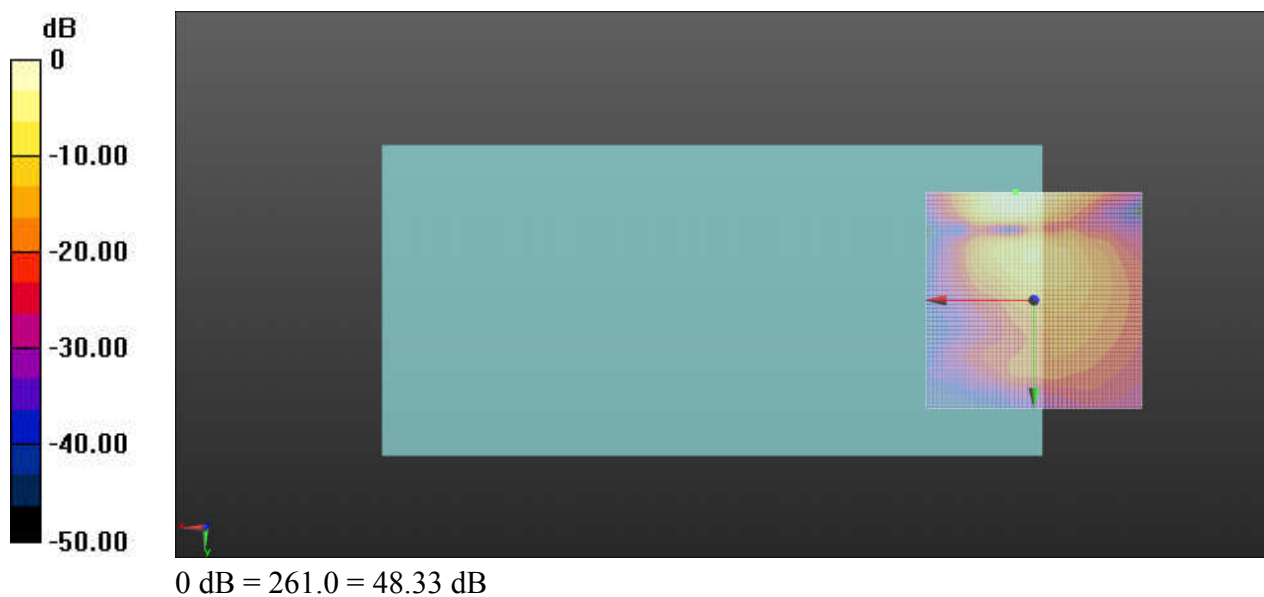
Ch23230/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 48.33 dB

ABM1 comp = -3.64 dBA/m

Location: 4.2, -25, 3.7 mm



8_HAC T-Coil_LTE Band 25_20M_QPSK_1RB_0Offset_Ch26340_Z

Communication System: UID 0, LTE (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

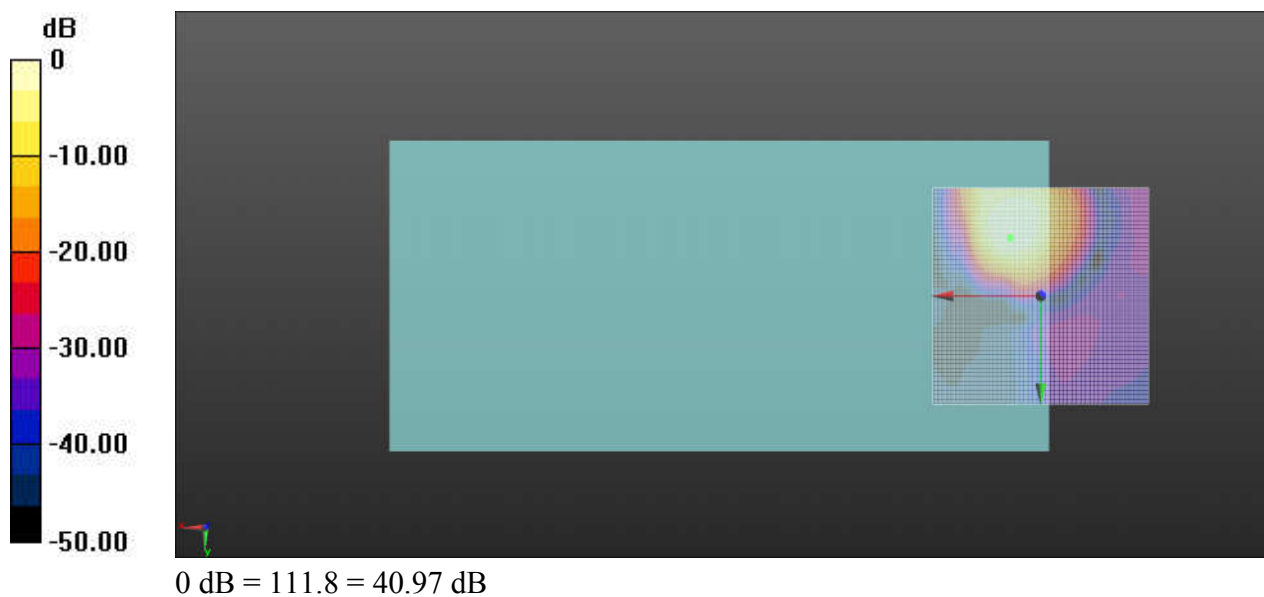
Ch26340/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 40.97 dB

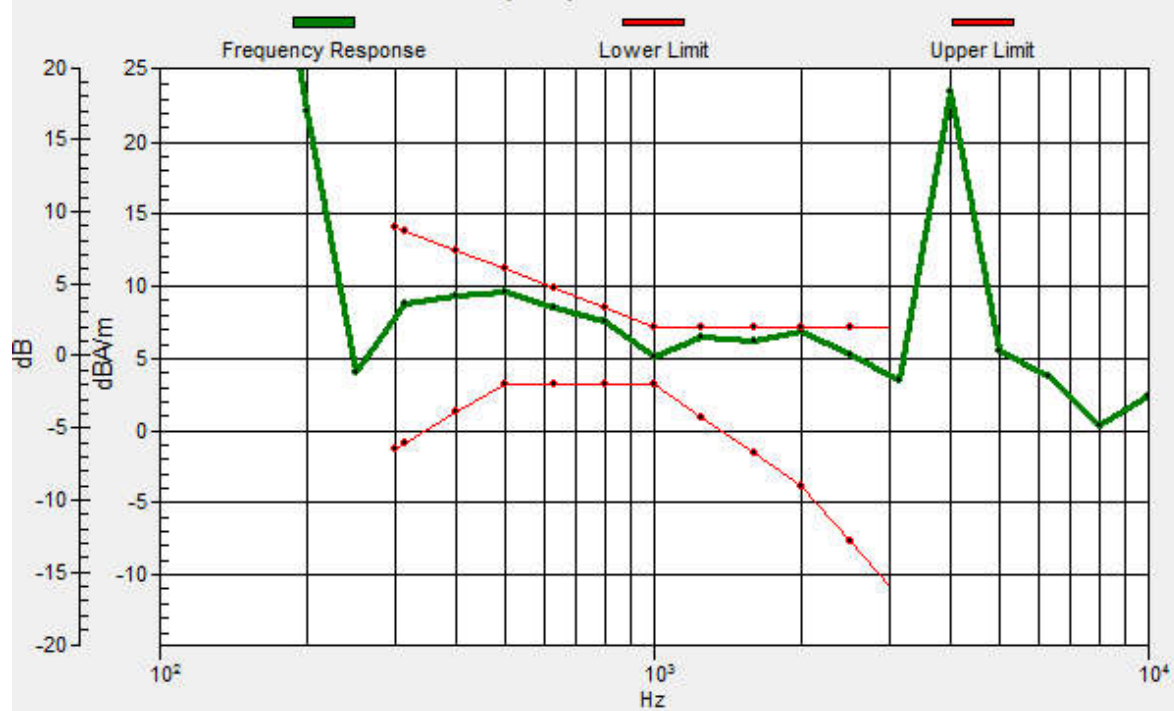
ABM1 comp = -4.75 dBA/m

Location: 7.1, -13.3, 3.7 mm



Ch26340/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 7.1, -13.5, 3.7 mm Diff: 0.25dB



8_HAC T-Coil_LTE Band 25_20M_QPSK_1RB_0Offset_Ch26340_Y

Communication System: UID 0, LTE (0); 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 : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch26340/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 = 46.92 dB

ABM1 comp = -5.17 dBA/m

Location: 2.1, -25, 3.7 mm



9_HAC T-Coil_LTE Band 26_15M_QPSK_1RB_0Offset_Ch26865_Z

Communication System: UID 0, LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch26865/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 = 49.45 dB

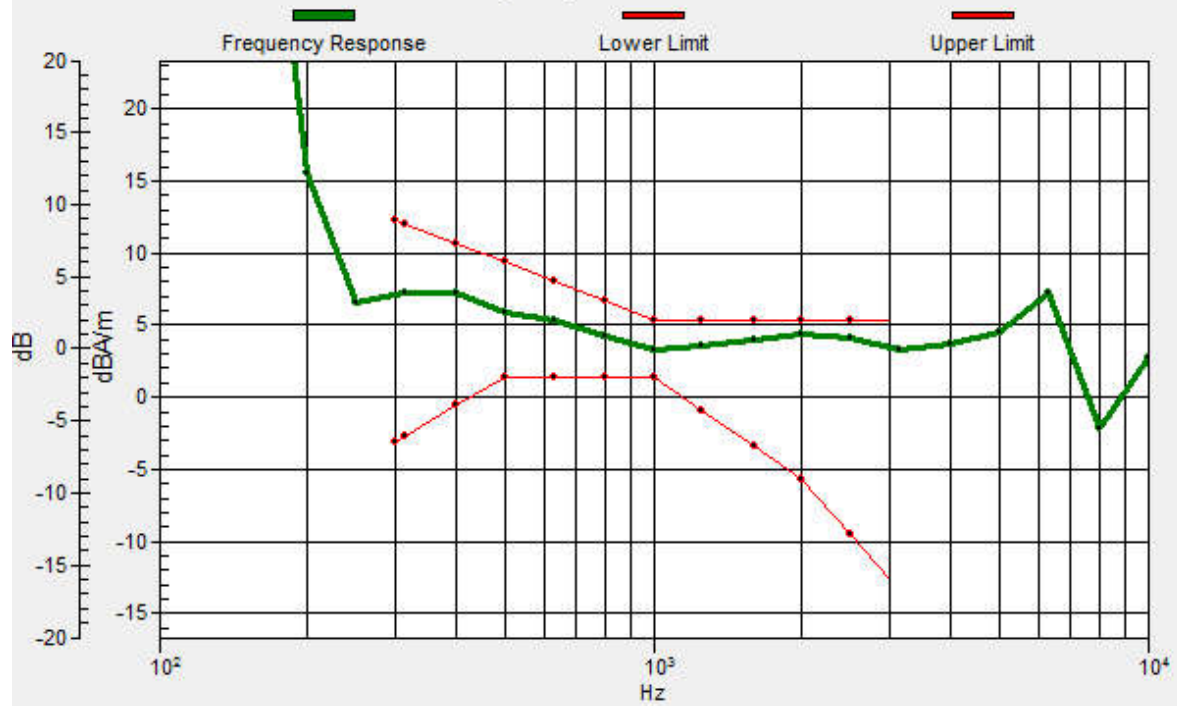
ABM1 comp = 3.09 dBA/m

Location: 3.8, -16.7, 3.7 mm



Ch26865/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 3.9, -16.6, 3.7 mm Diff: 0.98dB



9_HAC T-Coil_LTE Band 26_15M_QPSK_1RB_0Offset_Ch26865_Y

Communication System: UID 0, LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

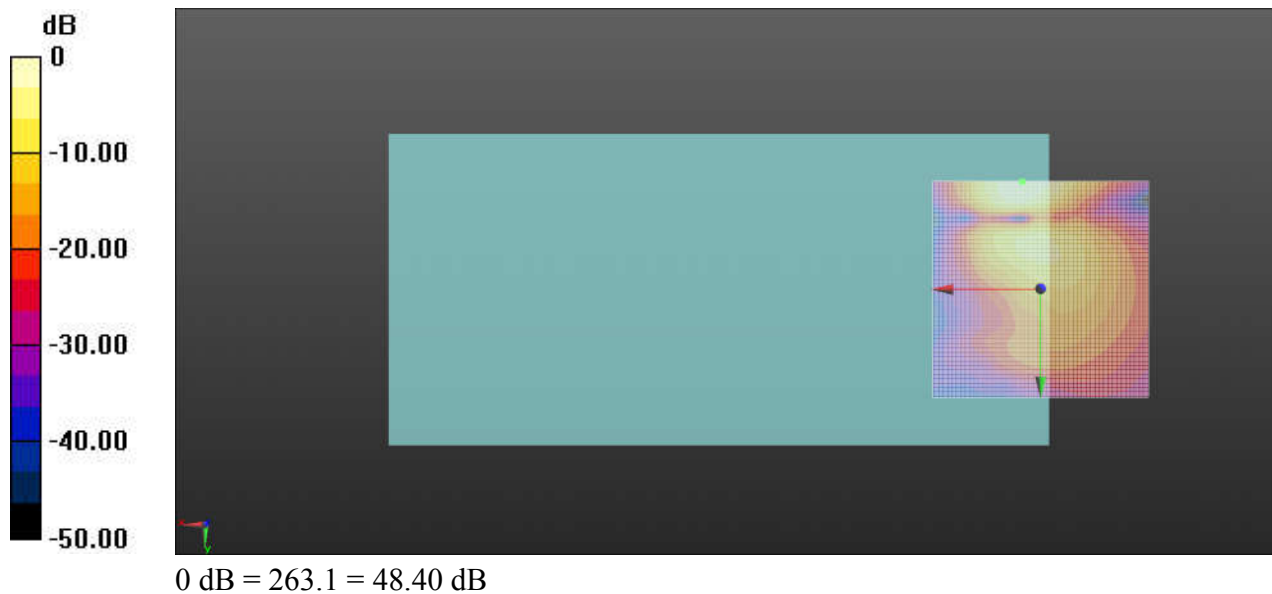
Ch26865/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 48.40 dB

ABM1 comp = -3.98 dBA/m

Location: 4.2, -25, 3.7 mm



10_HAC T-Coil_LTE Band 66_20M_QPSK_1RB_0Offset_Ch132322_Z

Communication System: UID 0, LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

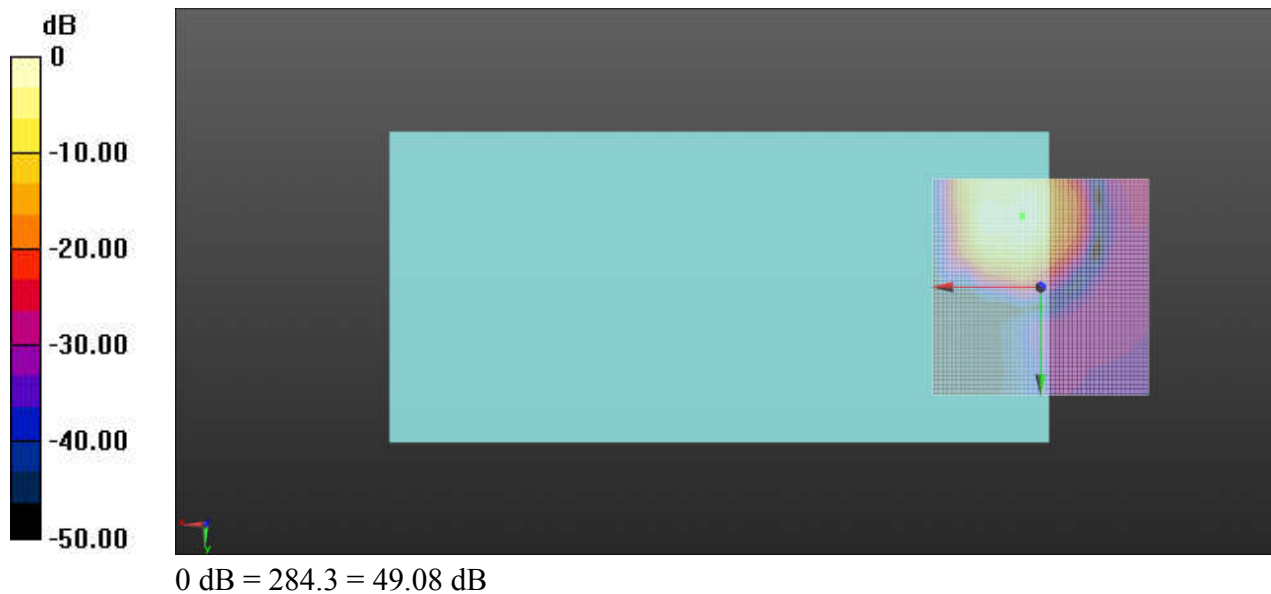
Ch132322/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 49.08 dB

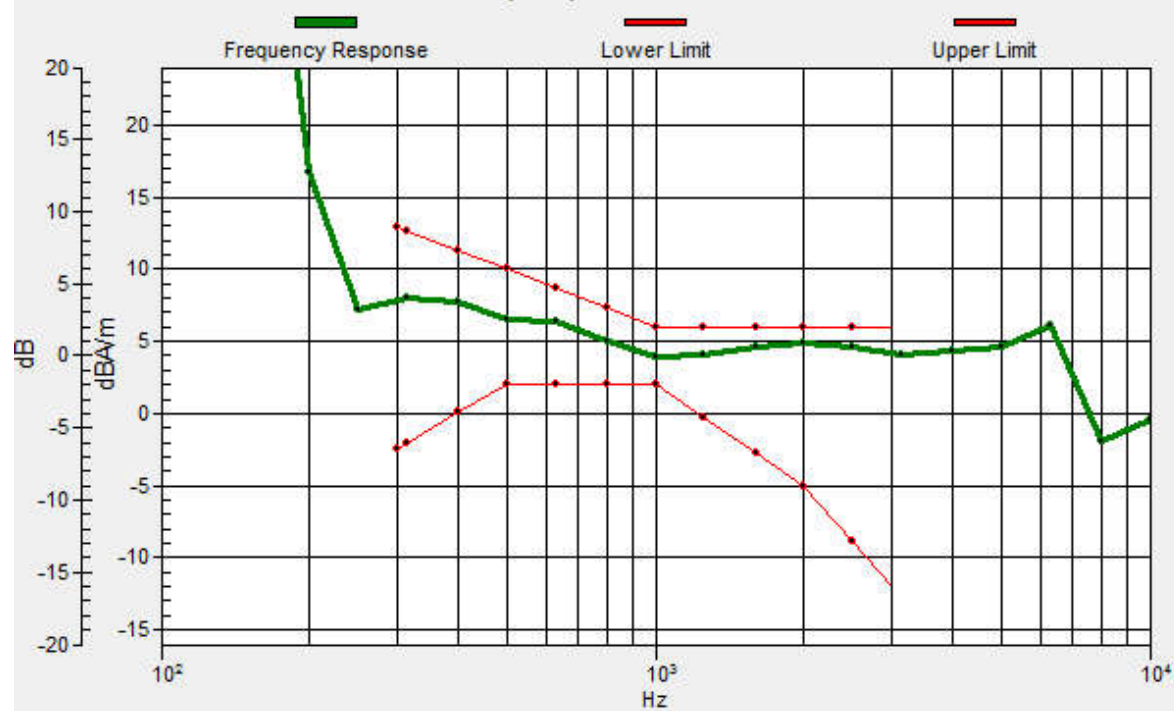
ABM1 comp = 3.25 dBA/m

Location: 4.2, -16.3, 3.7 mm



Ch132322/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.3, -16.5, 3.7 mm Diff: 1.14dB



10_HAC T-Coil_LTE Band 66_20M_QPSK_1RB_0Offset_Ch132322_Y

Communication System: UID 0, LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

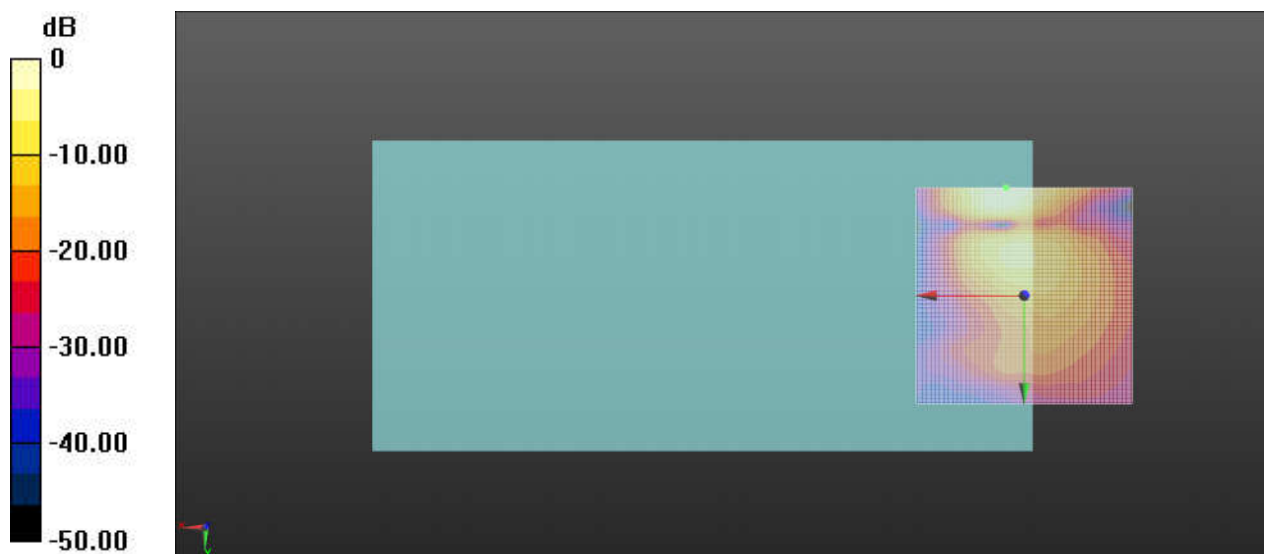
Ch132322/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z)

(121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 49.05 dB

ABM1 comp = -3.80 dBA/m

Location: 4.2, -25, 3.7 mm



0 dB = 283.4 = 49.05 dB

11_HAC T-Coil_LTE Band 71_20M_QPSK_1RB_0Offset_Ch133297_Z

Communication System: UID 0, LTE (0); Frequency: 680.5 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch133297/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 = 49.35 dB

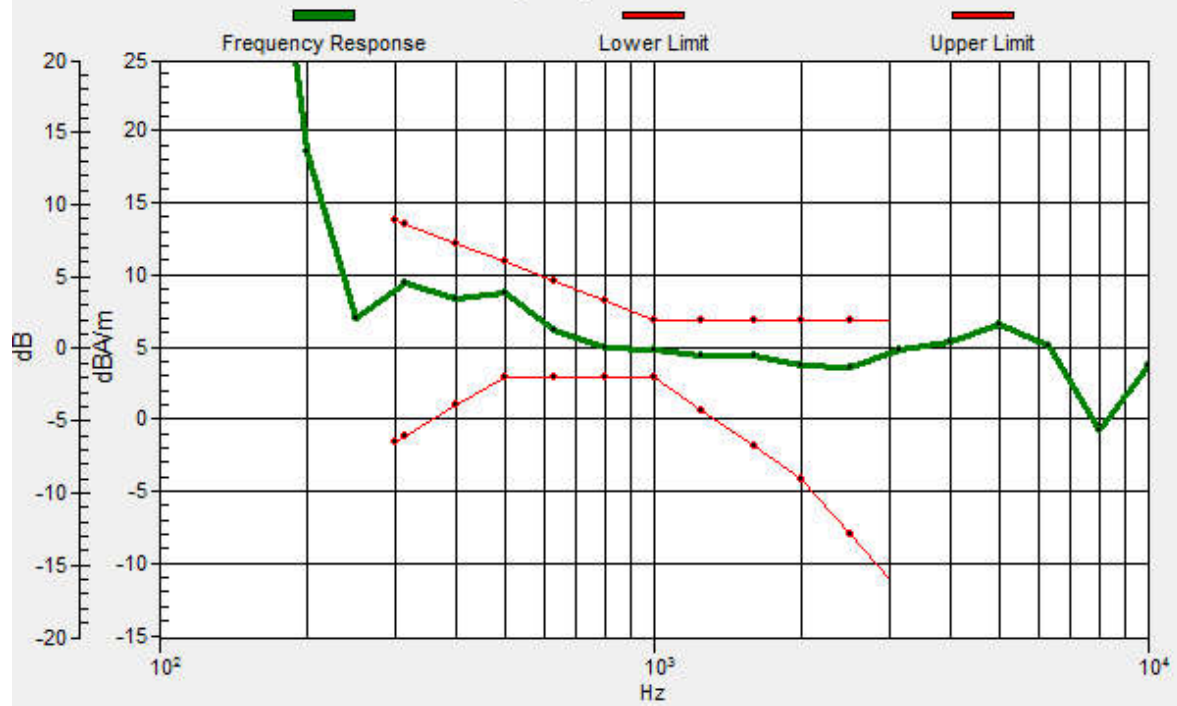
ABM1 comp = 4.94 dBA/m

Location: 7.5, -16.7, 3.7 mm



Ch133297/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 7.5, -16.9, 3.7 mm Diff: 2dB



11_HAC T-Coil_LTE Band 71_20M_QPSK_1RB_0Offset_Ch133297_Y

Communication System: UID 0, LTE (0); Frequency: 680.5 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

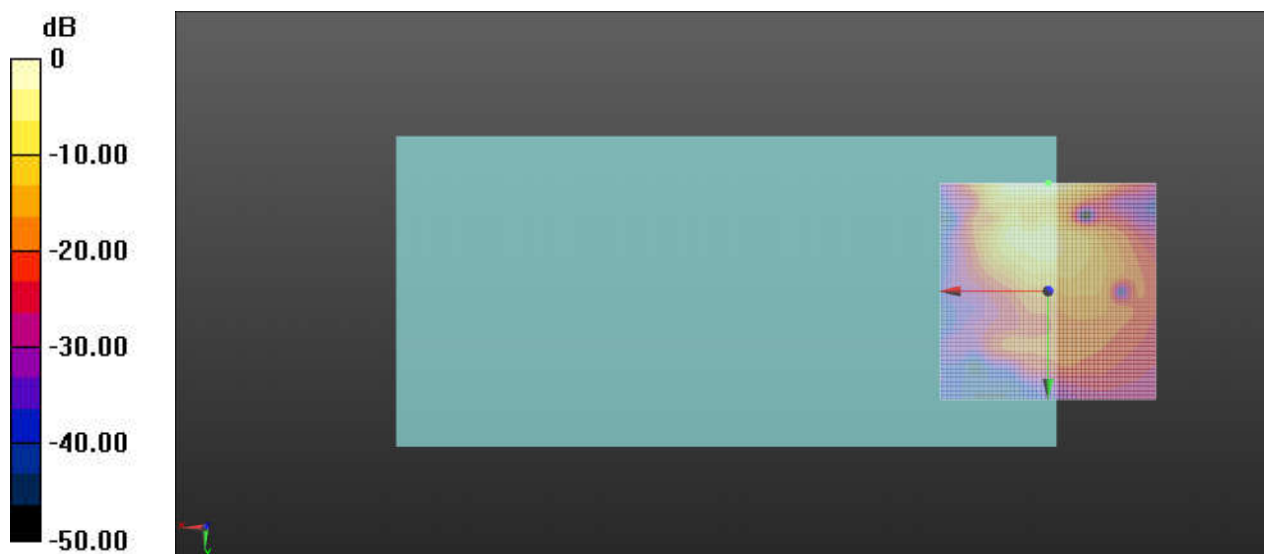
Ch133297/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z)

(121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 48.05 dB

ABM1 comp = -5.89 dBA/m

Location: 0, -25, 3.7 mm



0 dB = 252.6 = 48.05 dB

12_HAC T-Coil_LTE Band 41_20M_QPSK_1RB_0Offset_Ch40620_Z

Communication System: UID 0, LTE (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch40620/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 = 27.39 dB

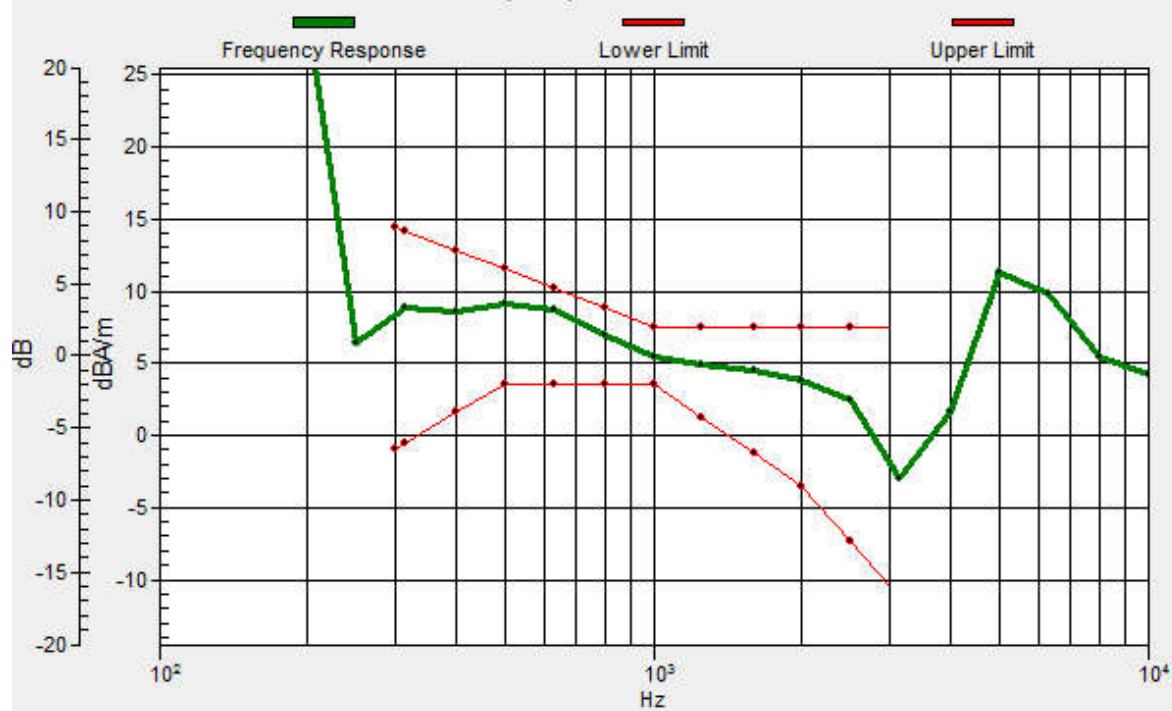
ABM1 comp = -4.25 dBA/m

Location: 4.2, -16.7, 3.7 mm



Ch40620/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.3, -16.7, 3.7 mm Diff: 1.52dB



12_HAC T-Coil_LTE Band 41_20M_QPSK_1RB_0Offset_Ch40620_Y

Communication System: UID 0, LTE (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch40620/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 = 41.93 dB

ABM1 comp = -5.01 dBA/m

Location: 0, -12.1, 3.7 mm



13_HAC T-Coil_WLAN 2.4GHz_802.11b 1Mbps_Ch6_Z

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

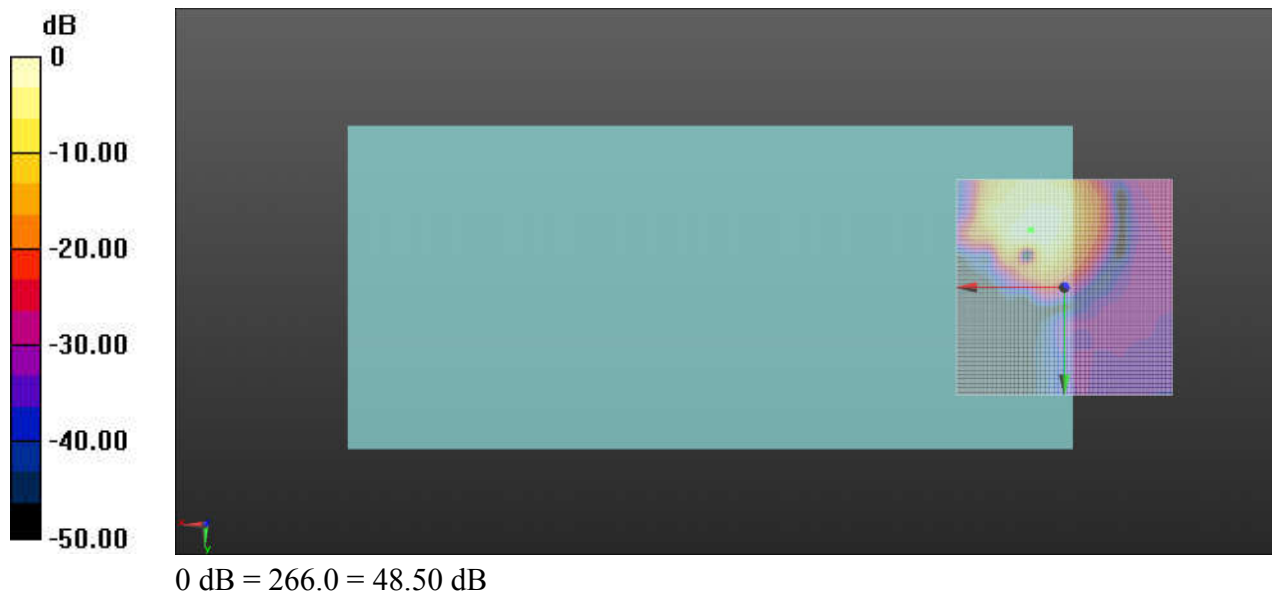
Ch6/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 48.50 dB

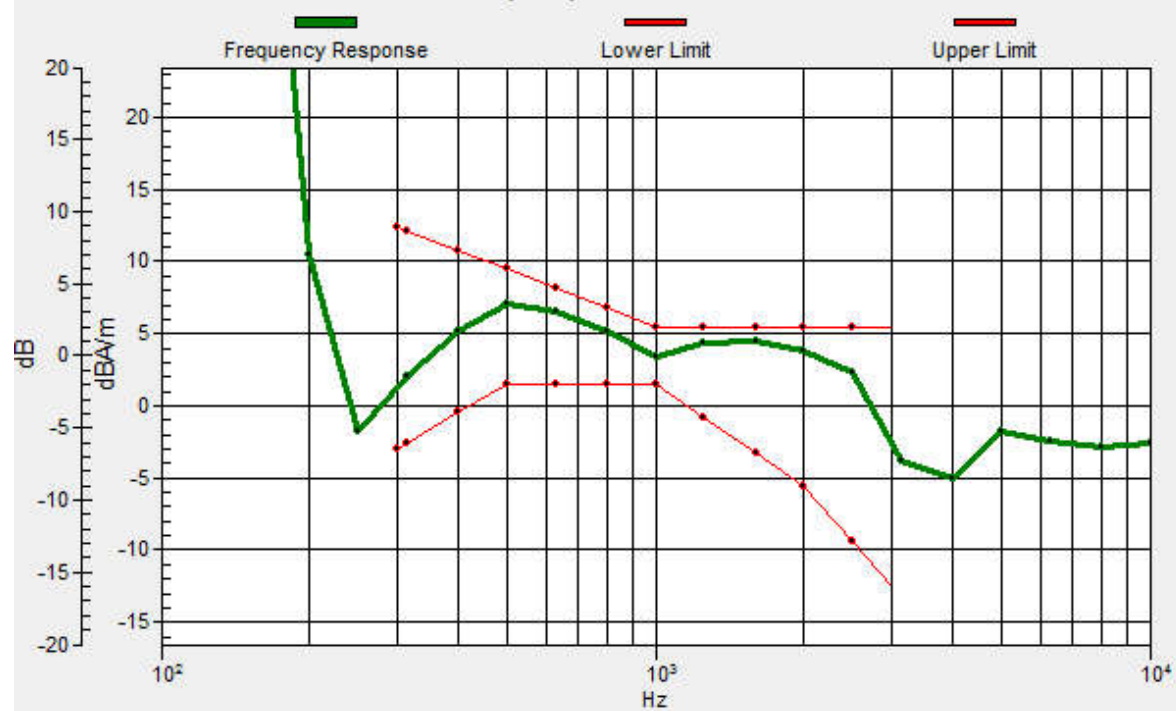
ABM1 comp = 2.62 dBA/m

Location: 7.9, -13.3, 3.7 mm



Ch6/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 7.7, -13.2, 3.7 mm Diff: 0.96dB



13_HAC T-Coil_WLAN 2.4GHz_802.11b 1Mbps_Ch6_Y

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch6/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 = 48.33 dB

ABM1 comp = 1.71 dBA/m

Location: 7.9, -25, 3.7 mm



14_HAC T-Coil_WLAN 5GHz_802.11ac VHT20 MCS0_Ch40_Z

Communication System: UID 0, WIFI (0); Frequency: 5200 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

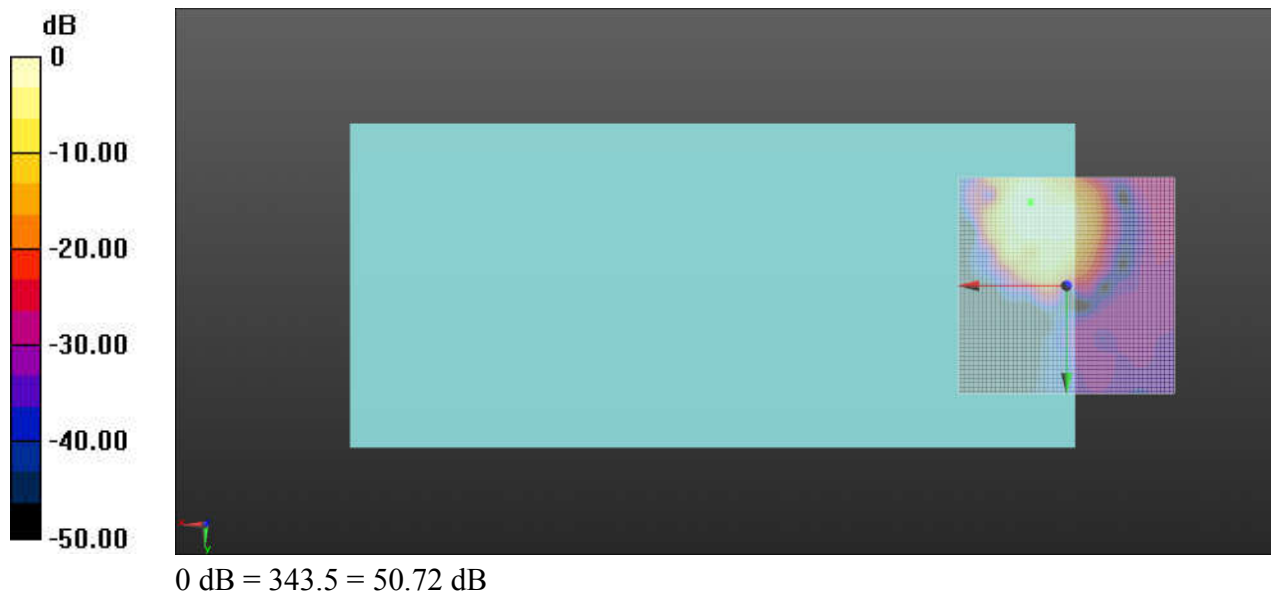
Ch40/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 50.72 dB

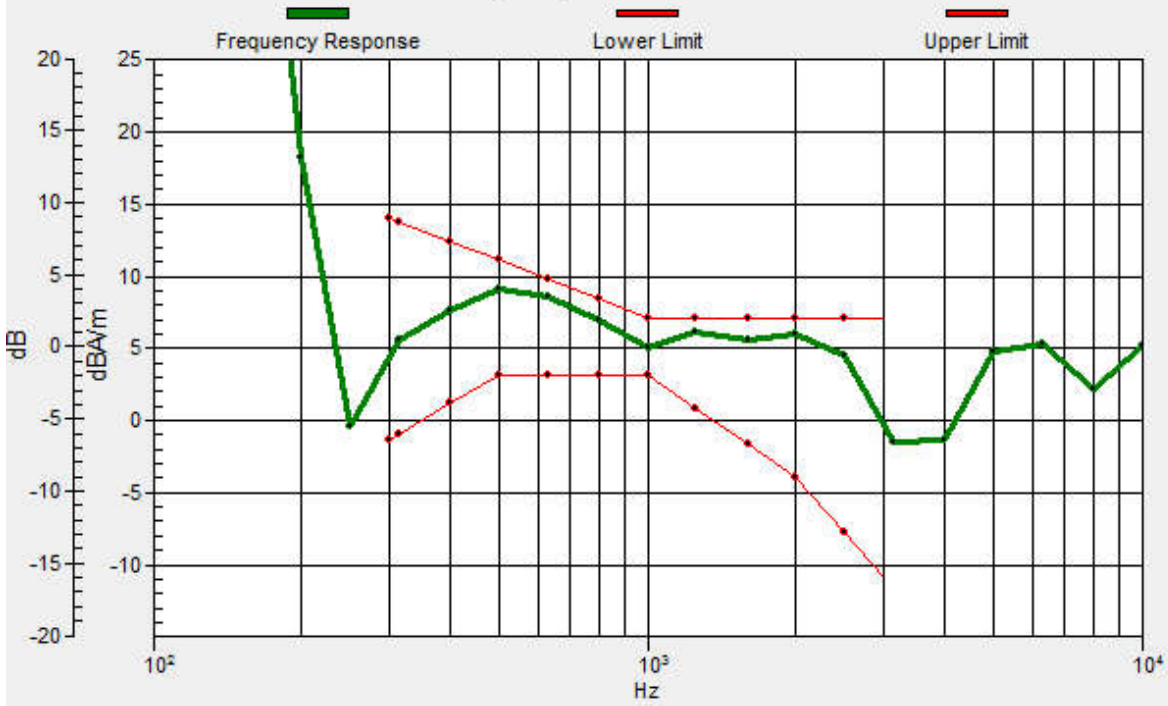
ABM1 comp = 5.08 dBA/m

Location: 8.3, -19.2, 3.7 mm



Ch40/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 8.4, -19.4, 3.7 mm Diff: 1.03dB



14_HAC T-Coil_WLAN 5GHz_802.11ac VHT20 MCS0_Ch40_Y

Communication System: UID 0, WIFI (0); Frequency: 5200 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch40/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 = 47.54 dB

ABM1 comp = -1.98 dBA/m

Location: 0, -25, 3.7 mm



15_HAC T-Coil_WLAN 5GHz_802.11ac VHT20 MCS0_Ch56_Z

Communication System: UID 0, WIFI (0); Frequency: 5280 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

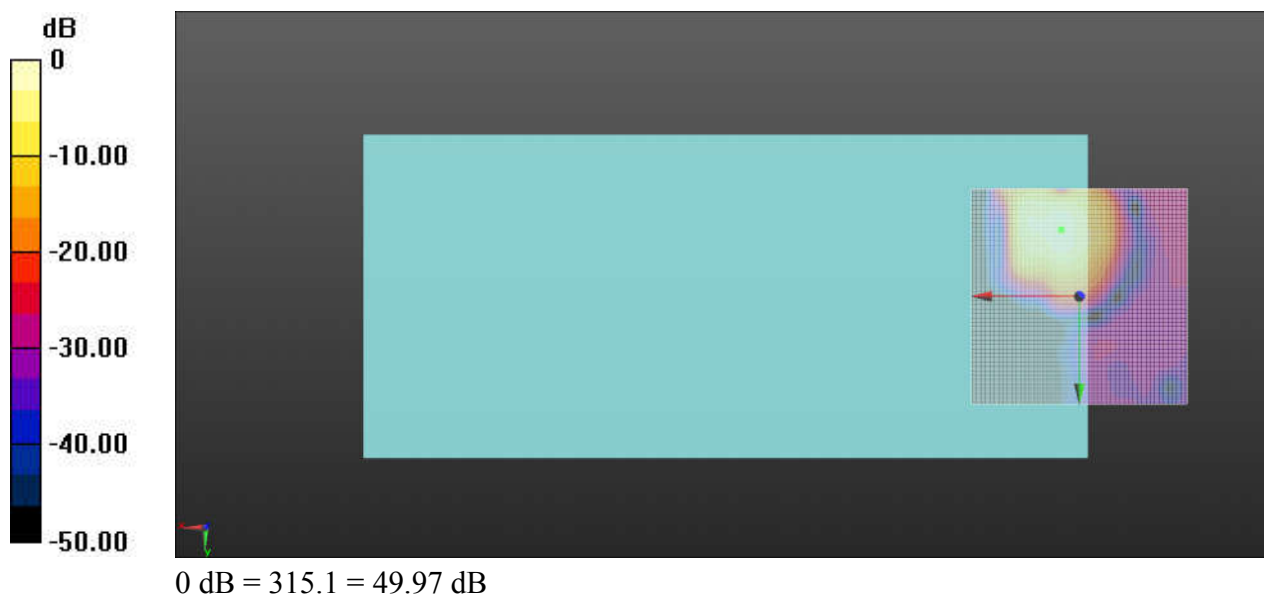
Ch56/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 49.97 dB

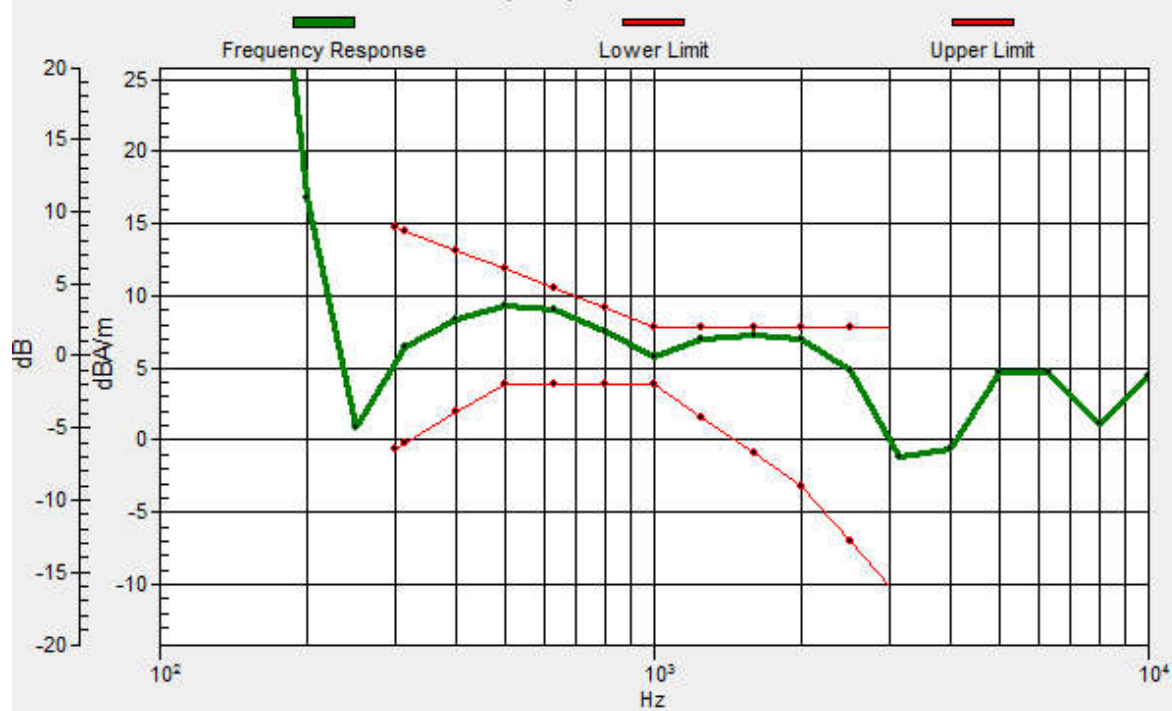
ABM1 comp = 5.11 dBA/m

Location: 4.2, -15.4, 3.7 mm



Ch56/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.3, -15.5, 3.7 mm Diff: 0.61dB



15_HAC T-Coil_WLAN 5GHz_802.11ac VHT20 MCS0_Ch56_Y

Communication System: UID 0, WIFI (0); Frequency: 5280 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch56/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 = 47.53 dB

ABM1 comp = -1.55 dBA/m

Location: 0.4, -25, 3.7 mm



16_HAC T-Coil_WLAN 5GHz_802.11ac VHT20 MCS0_Ch116_Z

Communication System: UID 0, WIFI (0); Frequency: 5580 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

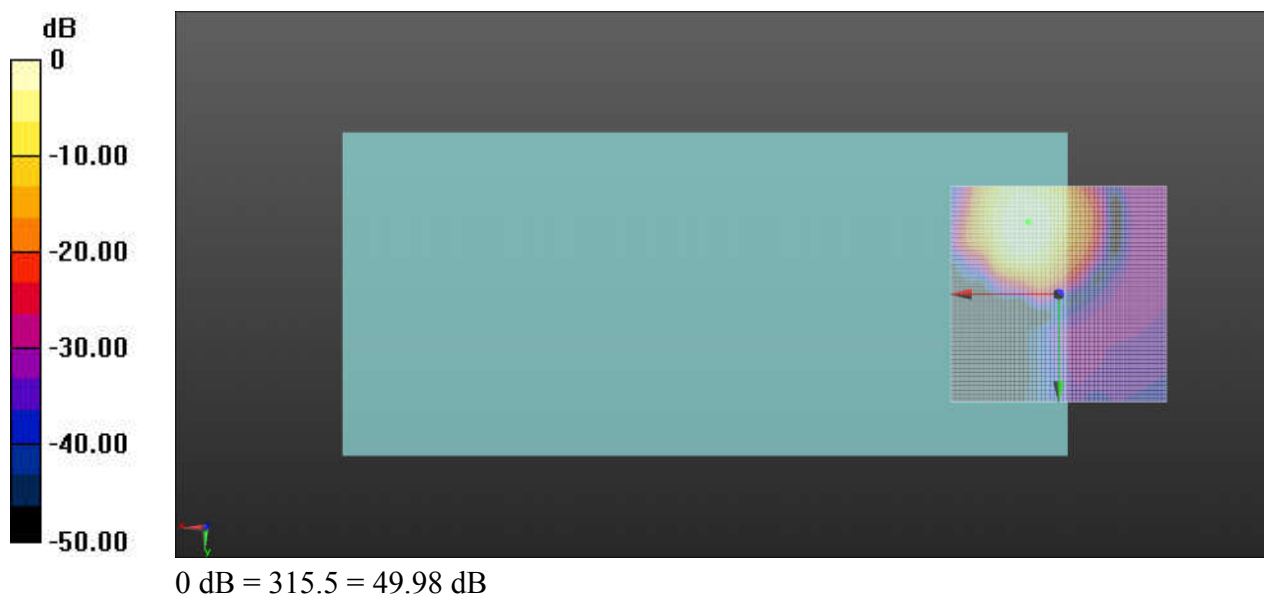
Ch116/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 49.98 dB

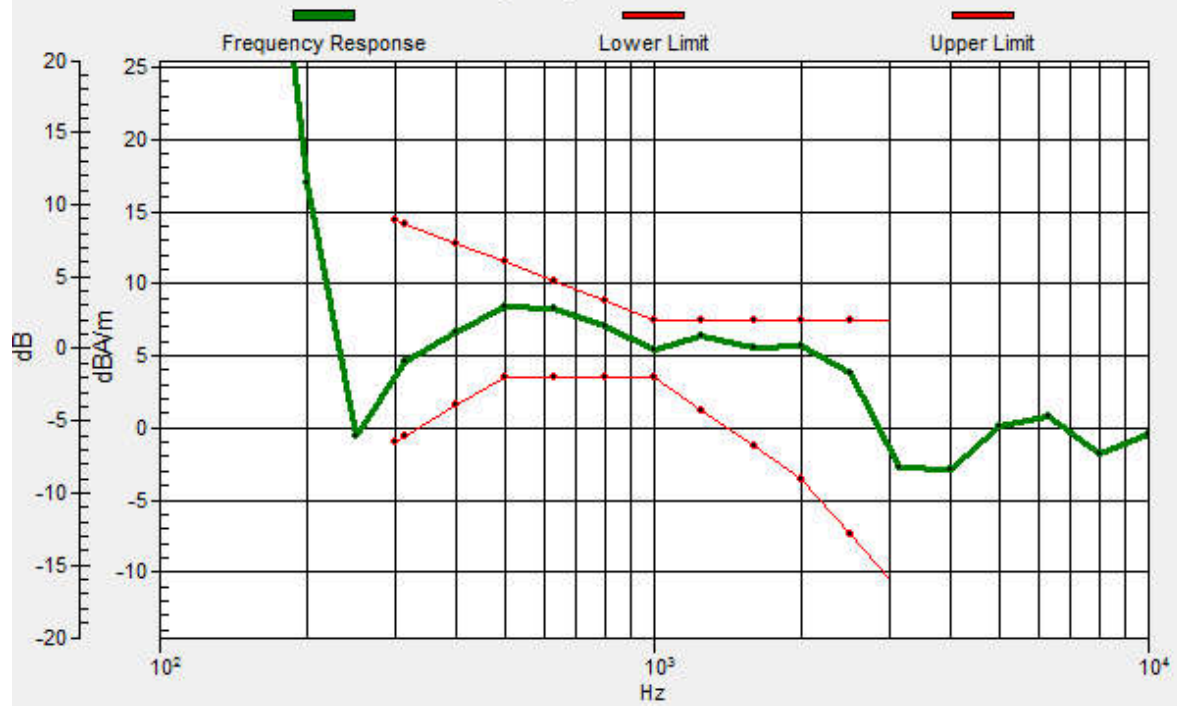
ABM1 comp = 4.15 dBA/m

Location: 7.1, -16.7, 3.7 mm



Ch116/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 7.2, -16.7, 3.7 mm Diff: 1.14dB



16_HAC T-Coil_WLAN 5GHz_802.11ac VHT20 MCS0_Ch116_Y

Communication System: UID 0, WIFI (0); Frequency: 5580 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

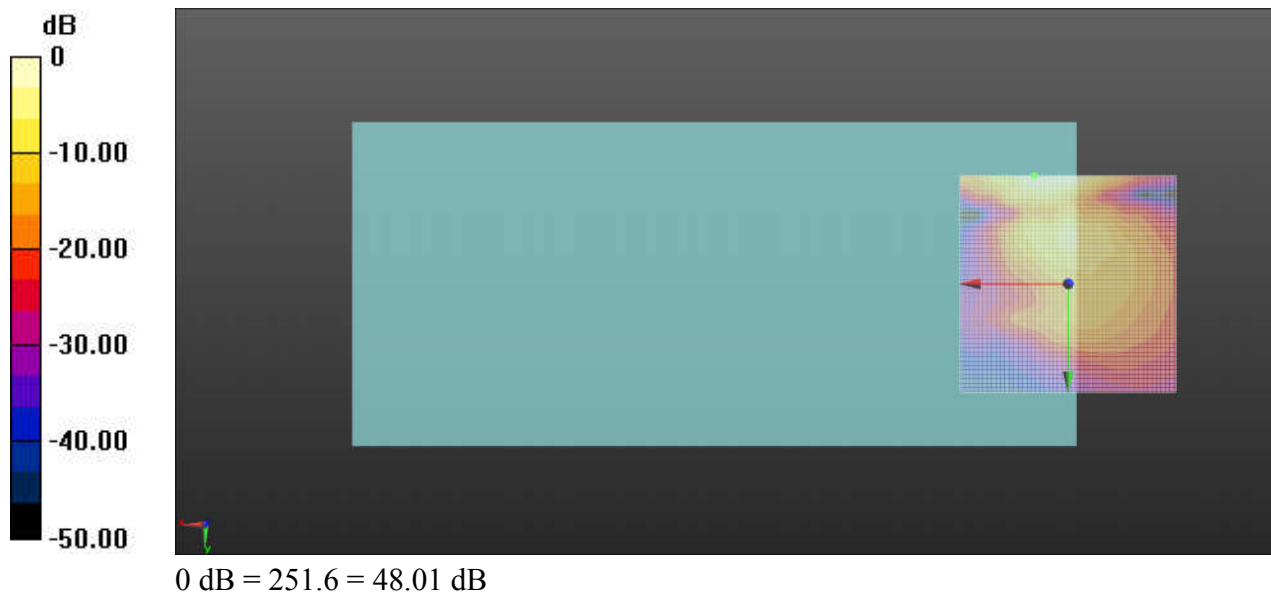
Ch116/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 48.02 dB

ABM1 comp = 1.31 dBA/m

Location: 7.9, -25, 3.7 mm



17_HAC T-Coil_WLAN 5GHz_802.11ac VHT20 MCS0_Ch157_Z

Communication System: UID 0, WIFI (0); Frequency: 5785 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

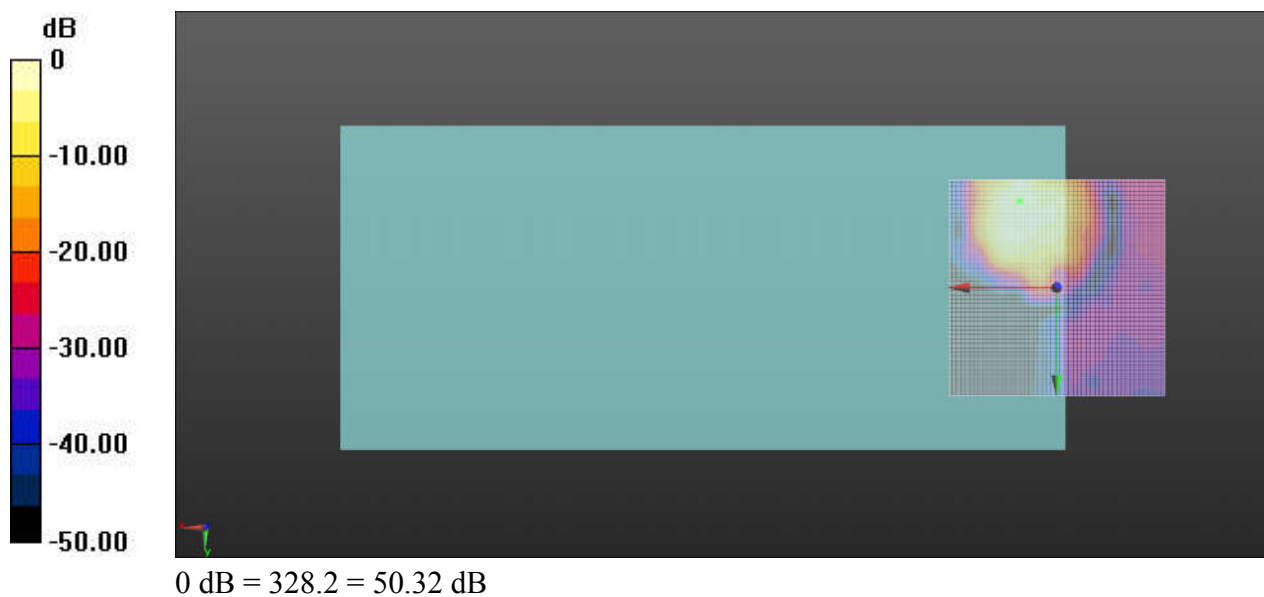
Ch157/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 50.32 dB

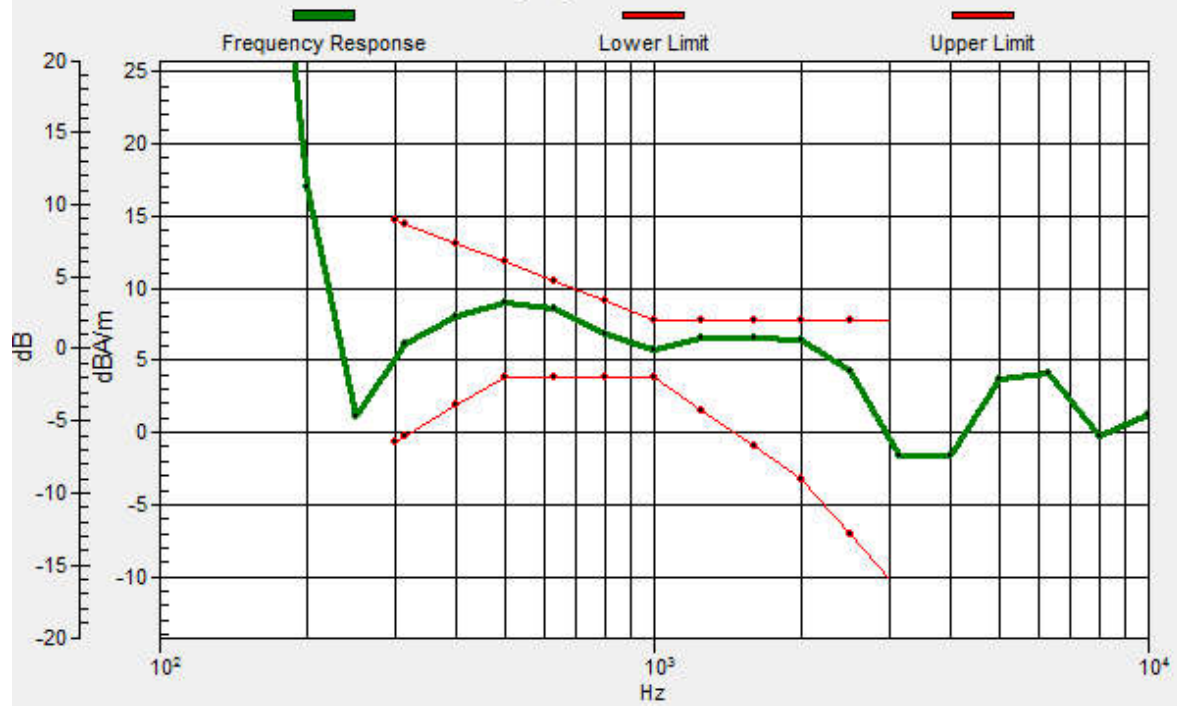
ABM1 comp = 5.53 dBA/m

Location: 8.8, -20, 3.7 mm



Ch157/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 8.6, -20, 3.7 mm Diff: 1.21dB



17_HAC T-Coil_WLAN 5GHz_802.11ac VHT20 MCS0_Ch157_Y

Communication System: UID 0, WIFI (0); Frequency: 5785 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch157/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 = 48.80 dB

ABM1 comp = 1.66 dBA/m

Location: 7.1, -25, 3.7 mm

