

1_HAC T-Coil GSM850_Voice_Ch189(Z)

Communication System: UID 0, GSM850 (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

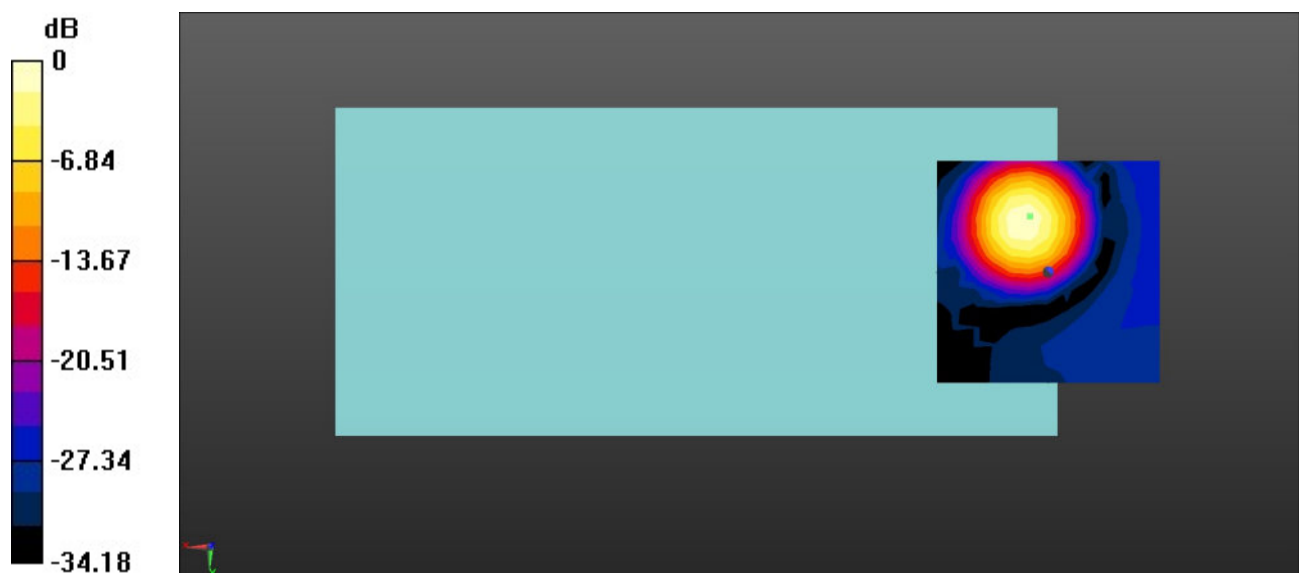
Ch189/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 27.14 dB

ABM1 comp = 2.03 dBA/m

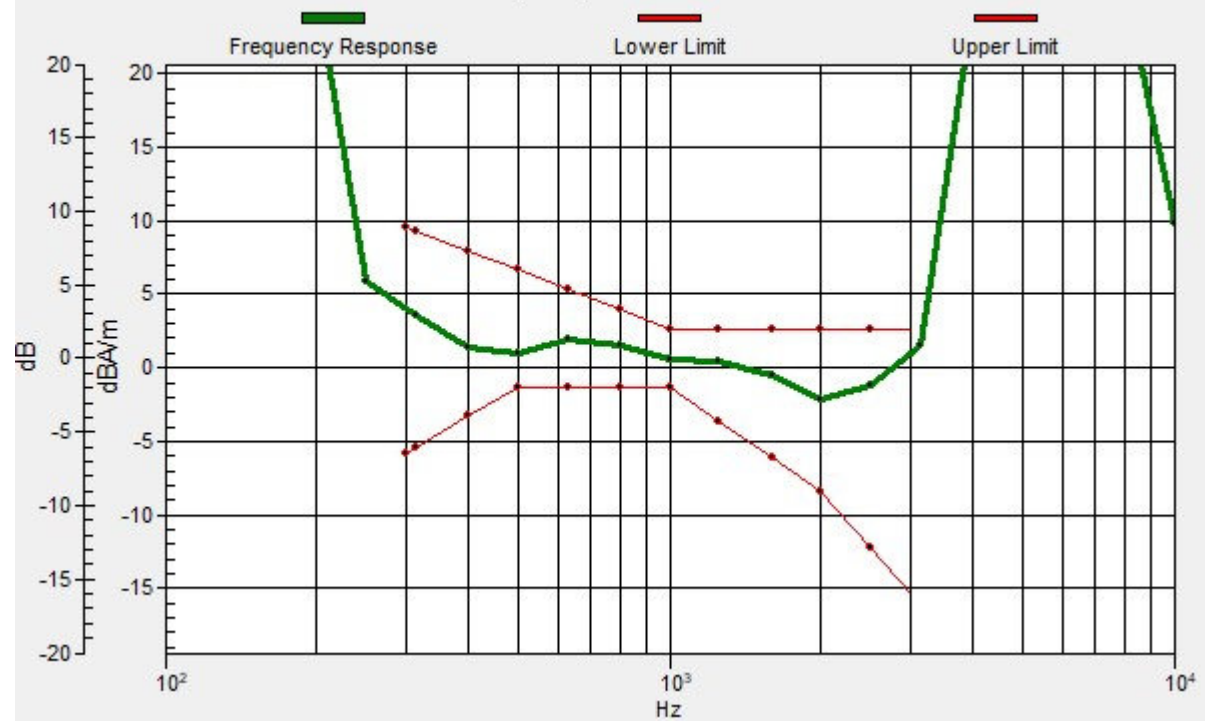
Location: 4.2, -12.5, 3.7 mm



0 dB = 22.75 = 27.14 dB

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

Loc: 4.2, -12.5, 3.7 mm Diff: 1.73dB



1_HAC T-Coil GSM850_Voice_Ch189(Y)

Communication System: UID 0, GSM850 (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

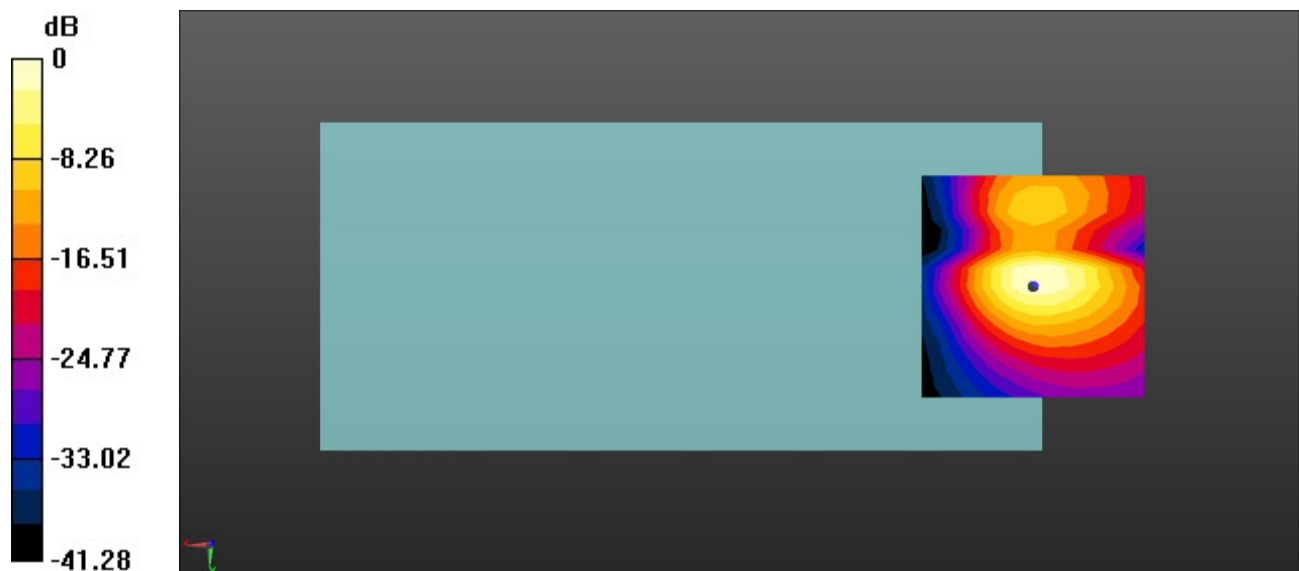
Ch189/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 35.02 dB

ABM1 comp = -8.43 dBA/m

Location: 0, 0, 3.7 mm



0 dB = 56.34 = 35.02 dB

2_HAC T-Coil GSM850_Voice_Ch189(Z)

Communication System: UID 0, GSM850 (0); Frequency: 836.4 MHz; Duty Cycle: 1:8.30042

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 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch189/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 28.68 dB

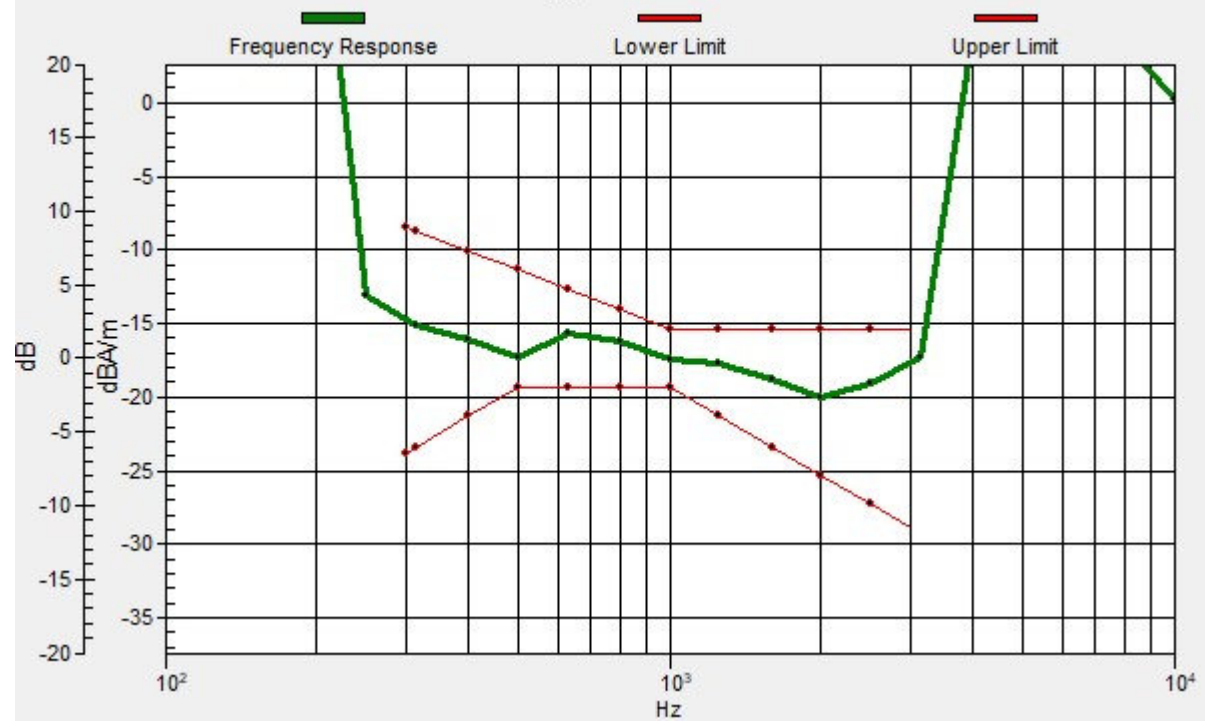
ABM1 comp = 1.53 dBA/m

Location: 4.2, -12.5, 3.7 mm



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

Loc: 0, 0, 13 mm Diff: 2dB



2_HAC T-Coil GSM850_Voice_Ch189(Y)

Communication System: UID 0, GSM850 (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

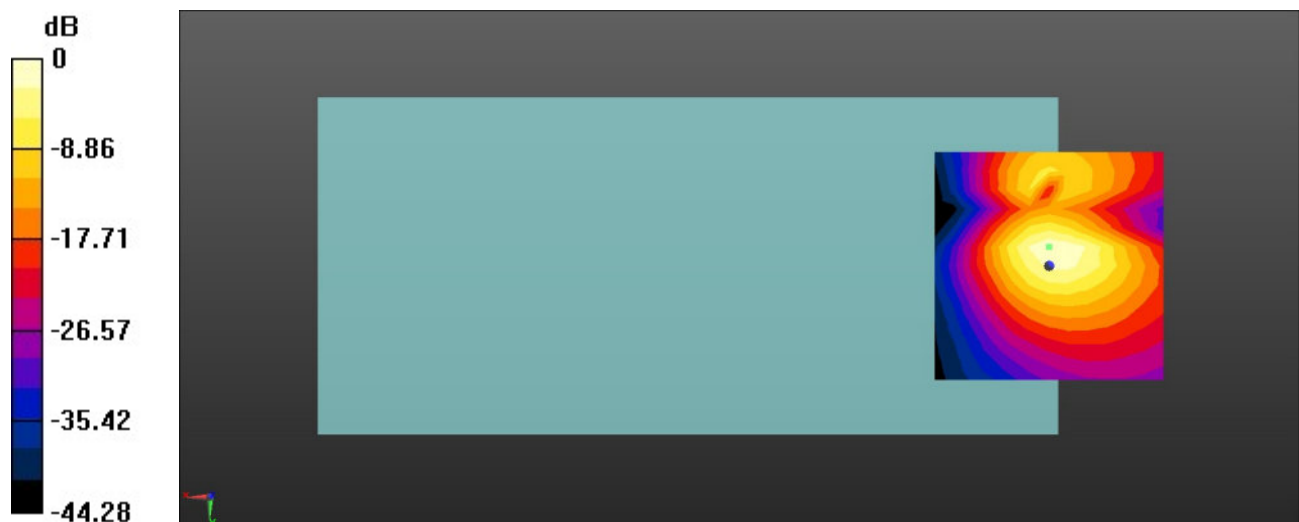
Ch189/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 37.67 dB

ABM1 comp = -7.72 dBA/m

Location: 0, -4.2, 3.7 mm



0 dB = 76.47 = 37.67 dB

3_HAC T-Coil GSM1900_Voice_Ch661(Z)

Communication System: UID 0, PCS (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch661/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 39.49 dB

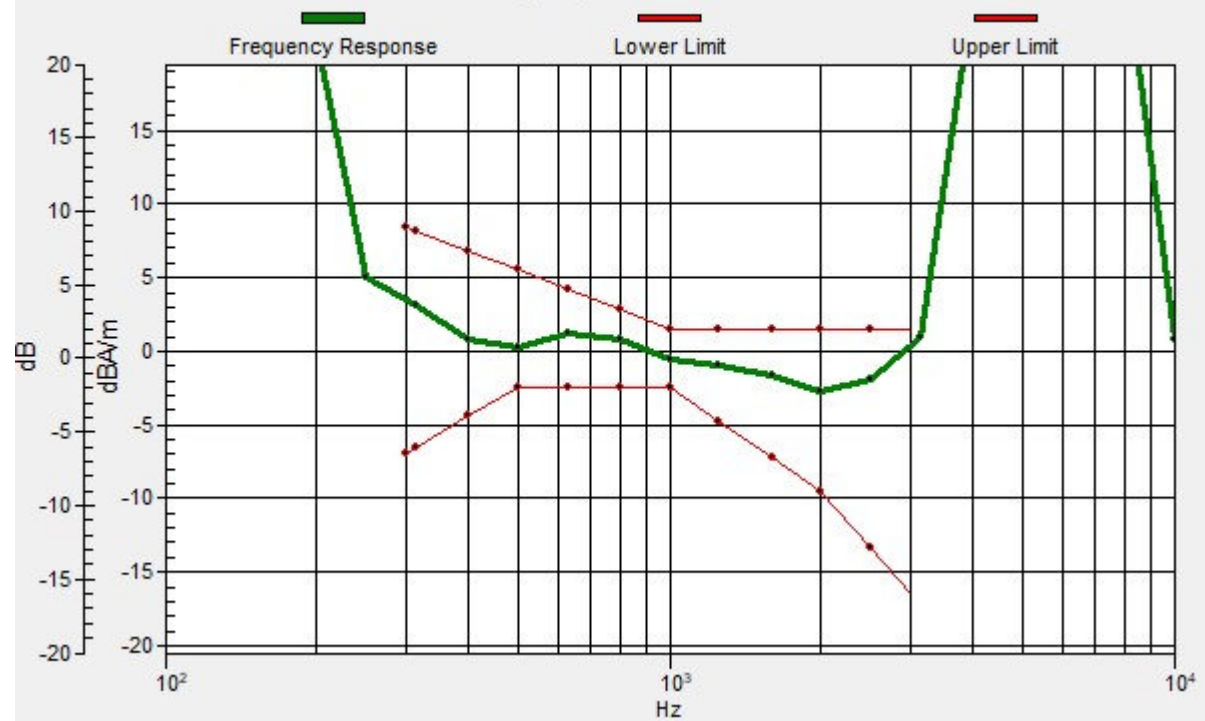
ABM1 comp = 1.38 dBA/m

Location: 4.2, -8.3, 3.7 mm



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

Loc: 4.2, -8.3, 3.7 mm Diff: 1.23dB



3_HAC T-Coil GSM1900_Voice_Ch661(Y)

Communication System: UID 0, PCS (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

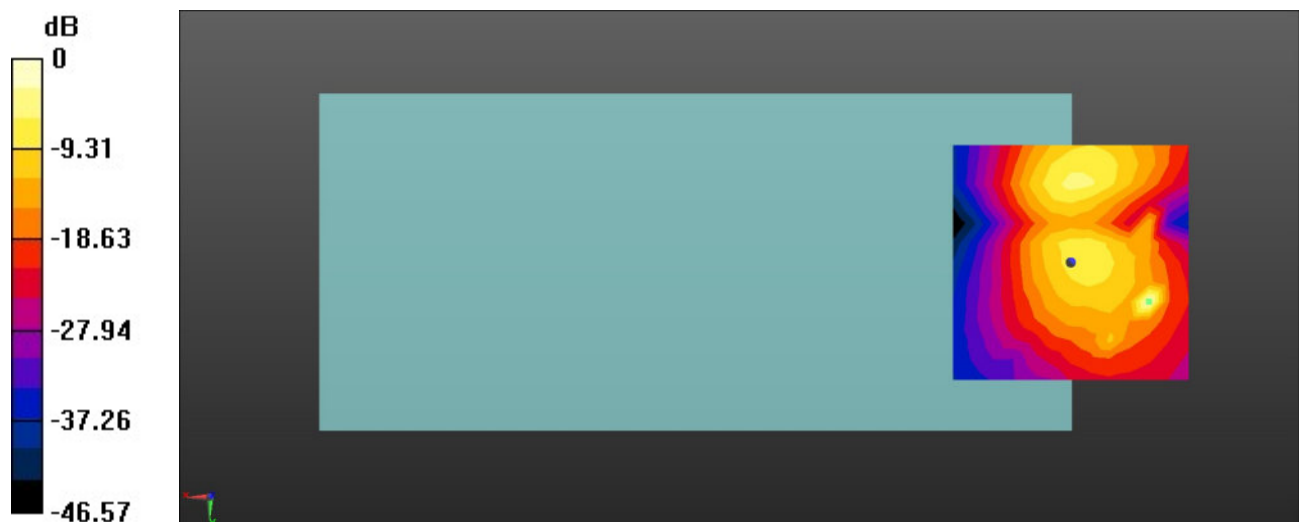
Ch661/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 40.93 dB

ABM1 comp = -9.82 dBA/m

Location: -16.7, 8.3, 3.7 mm



0 dB = 111.3 = 40.93 dB

4_HAC T-Coil WCDMA II_Voice_Ch9400(Z)

Communication System: UID 0, WCDMA (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

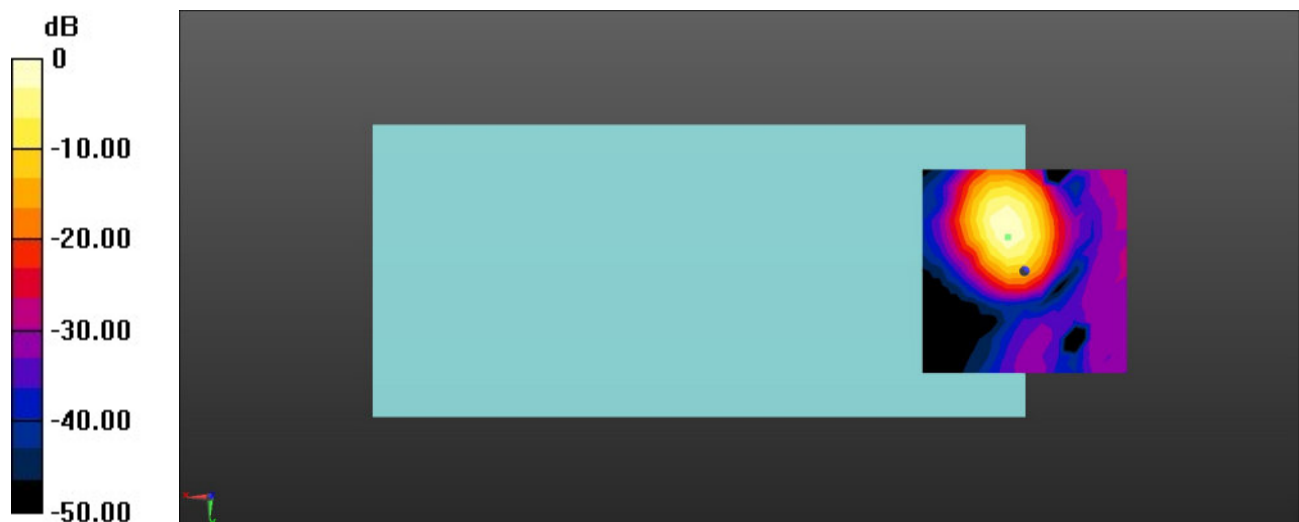
Ch9400/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 49.87 dB

ABM1 comp = 2.40 dBA/m

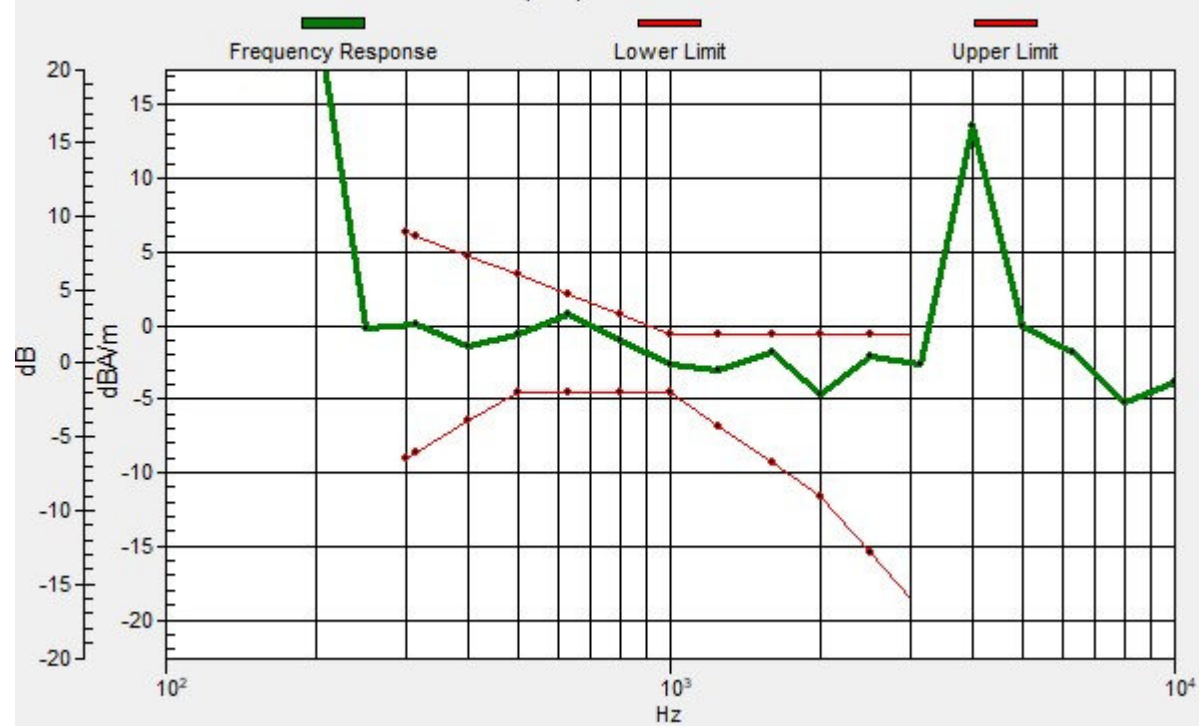
Location: 4.2, -8.3, 3.7 mm



0 dB = 311.4 = 49.87 dB

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

Loc: 4.2, -8.3, 3.7 mm Diff: 1.25dB



4_HAC T-Coil WCDMA II_Voice_Ch9400(Y)

Communication System: UID 0, WCDMA (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

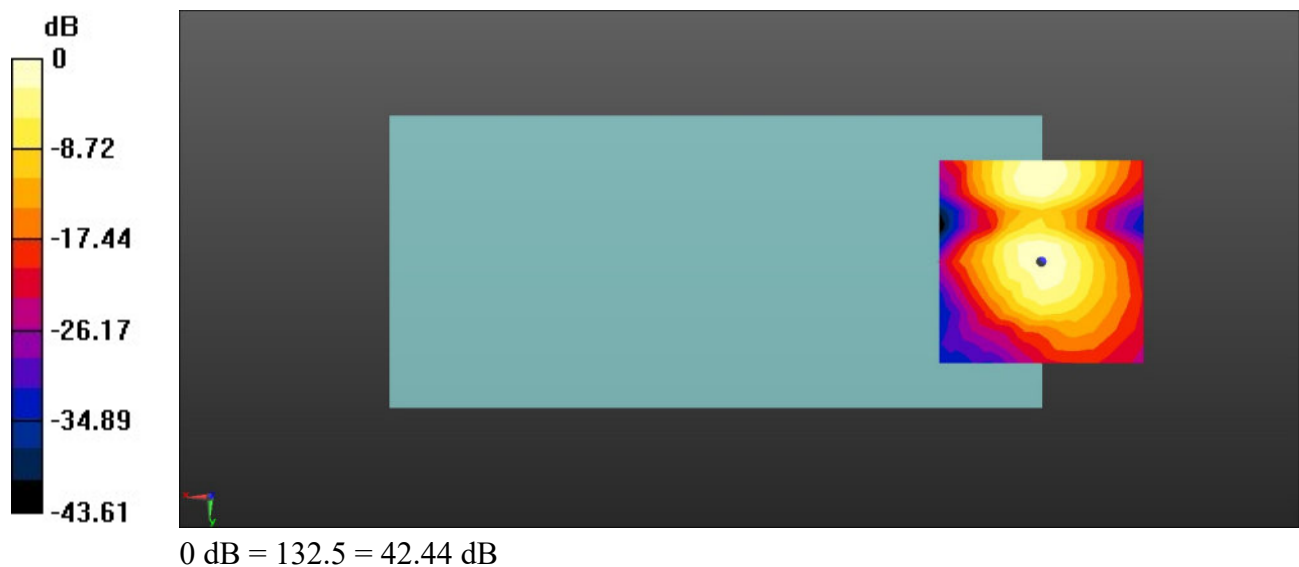
Ch9400/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 42.44 dB

ABM1 comp = -8.01 dBA/m

Location: 0, 0, 3.7 mm



5_HAC T-Coil WCDMA IV_Voice_Ch1413(Z)

Communication System: UID 0, WCDMA (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

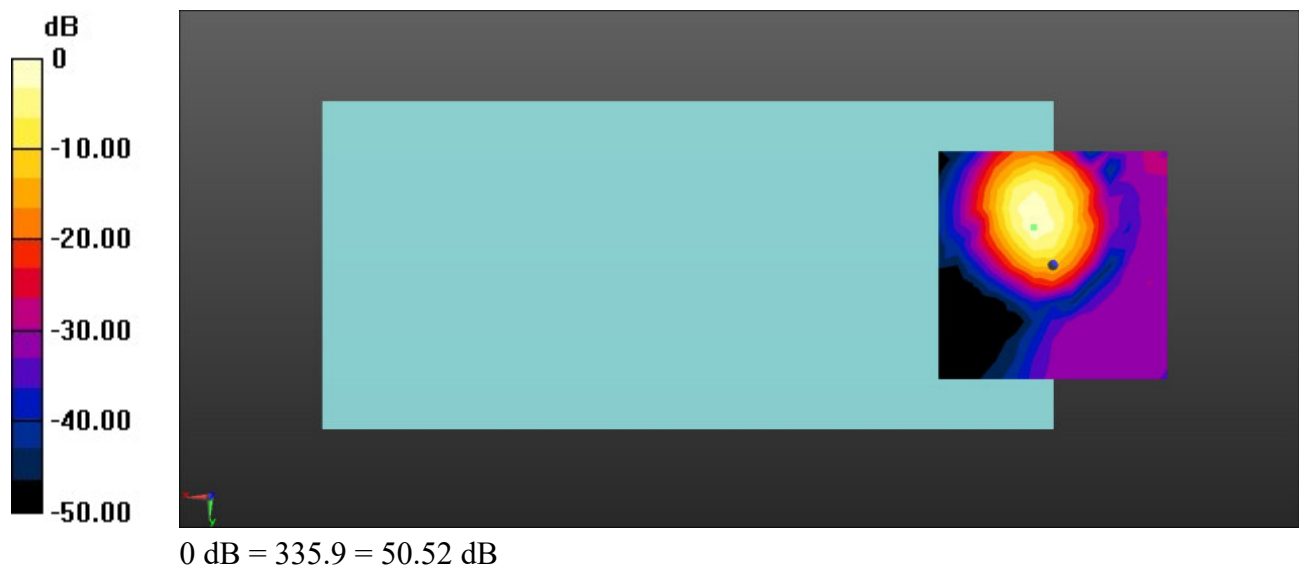
Ch9400/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 50.52 dB

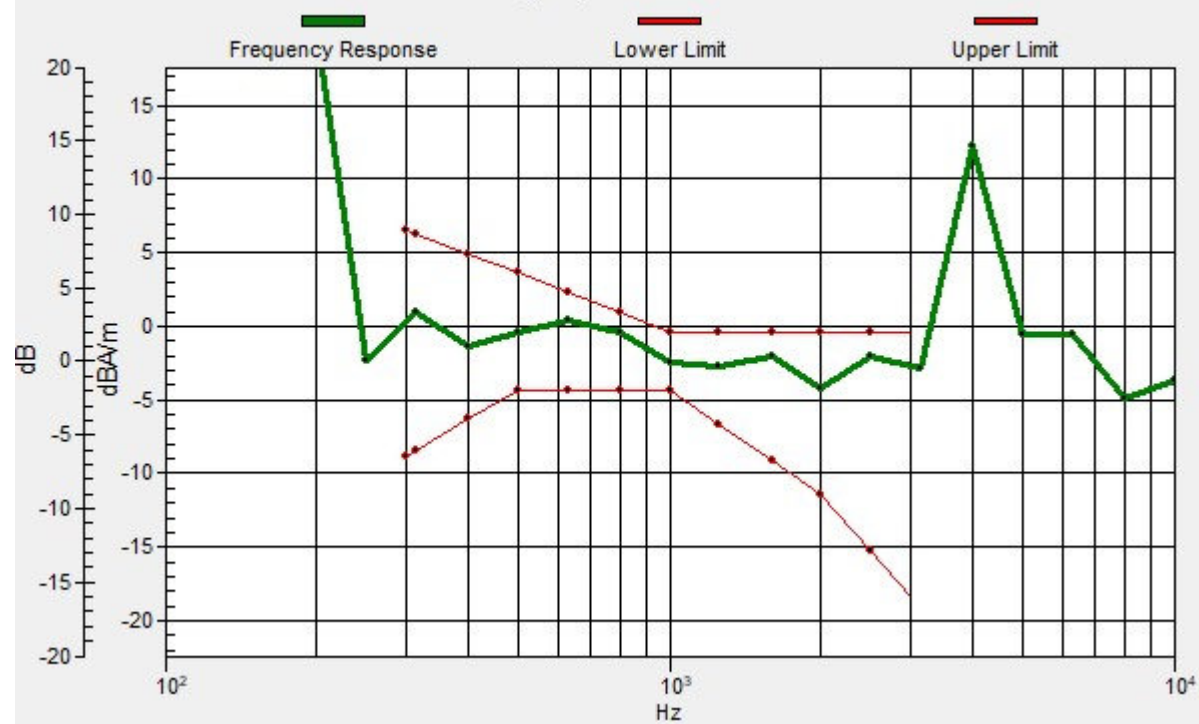
ABM1 comp = 2.39 dBA/m

Location: 4.2, -8.3, 3.7 mm



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

Loc: 4.2, -8.3, 3.7 mm Diff: 1.36dB



5_HAC T-Coil WCDMA IV_Voice_Ch1413(Y)

Communication System: UID 0, WCDMA (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

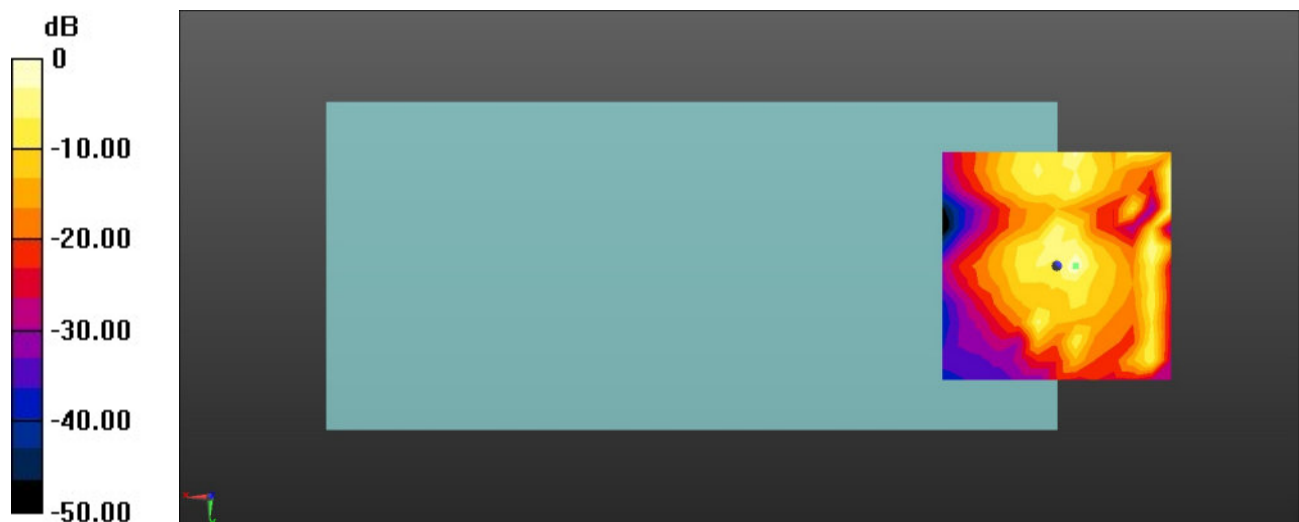
Ch9400/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 45.83 dB

ABM1 comp = -5.64 dBA/m

Location: -4.2, 0, 3.7 mm



0 dB = 195.7 = 45.83 dB

6_HAC T-Coil WCDMA V_Voice_Ch4182(Z)

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

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

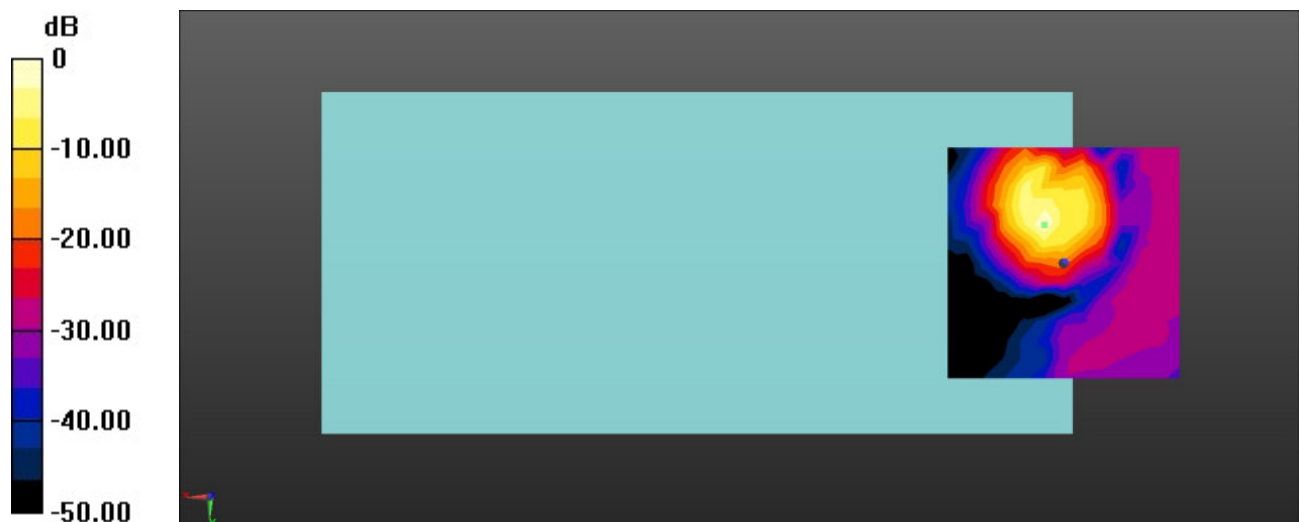
Ch4182/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 51.31 dB

ABM1 comp = 1.28 dBA/m

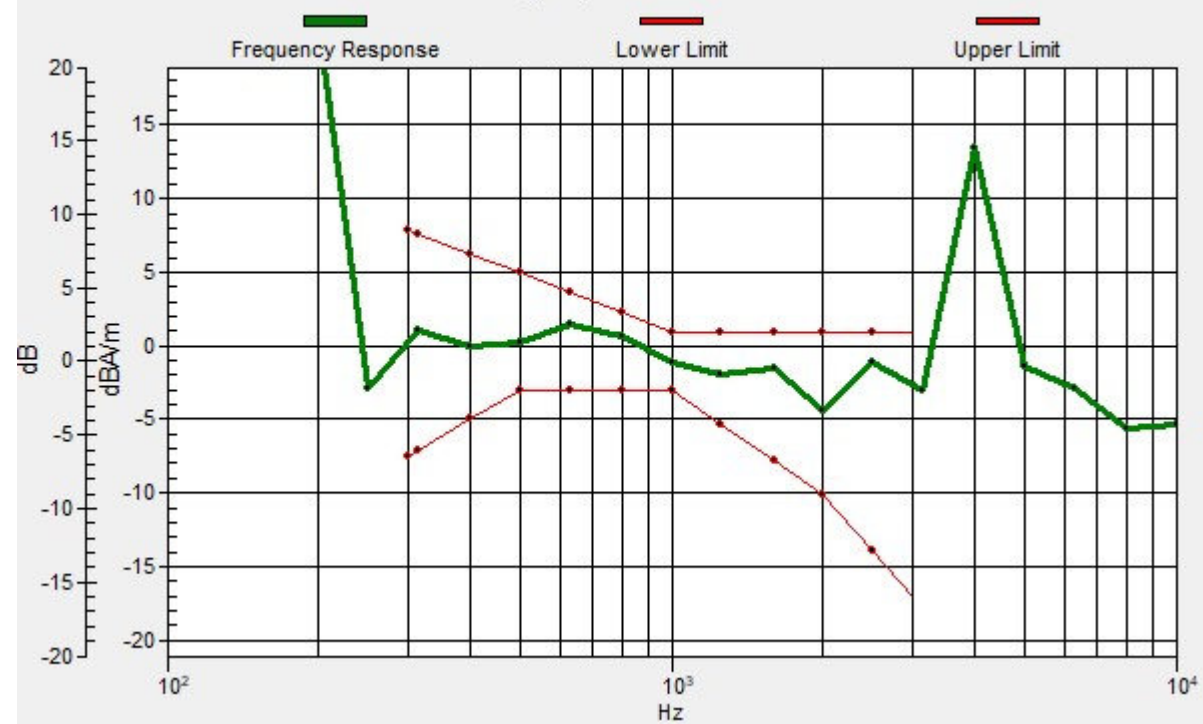
Location: 4.2, -8.3, 3.7 mm



0 dB = 367.6 = 51.31 dB

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

Loc: 4.2, -8.3, 3.7 mm Diff: 1.56dB



6_HAC T-Coil WCDMA V_Voice_Ch4182(Y)

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

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

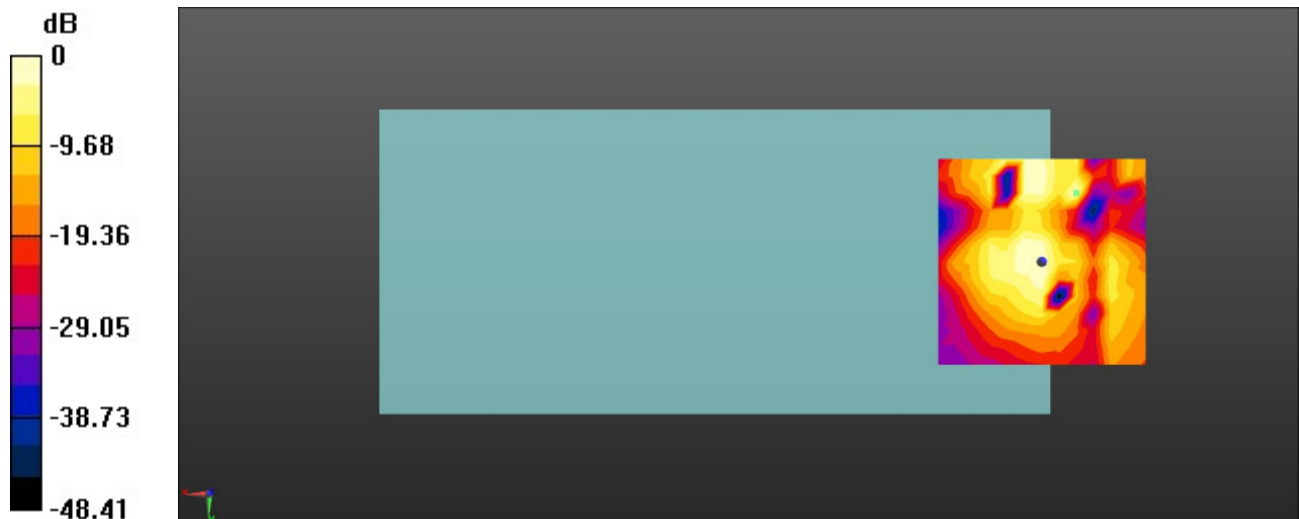
Ch4182/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 38.69 dB

ABM1 comp = -5.80 dBA/m

Location: -8.3, -16.7, 3.7 mm



0 dB = 85.98 = 38.69 dB

7_HAC T-Coil_LTE Band 7_20M_16QAM_1RB_0Offset_Ch21100(Z)

Communication System: UID 0, LTE-FDD (0); 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 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

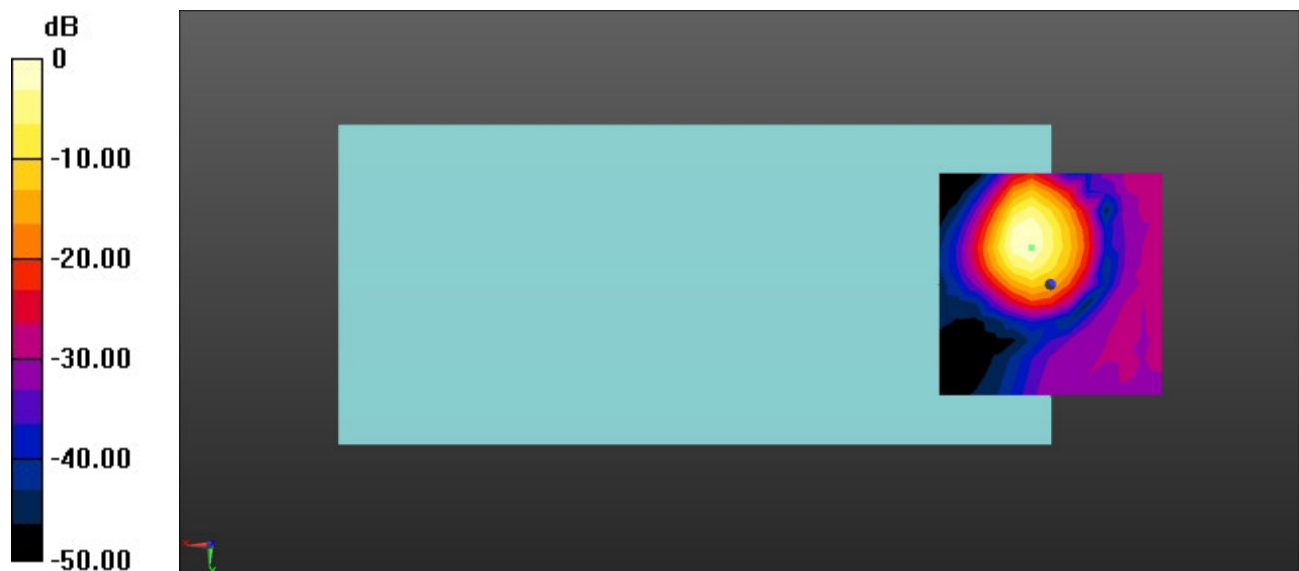
Ch21100/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 41.80 dB

ABM1 comp = -0.89 dBA/m

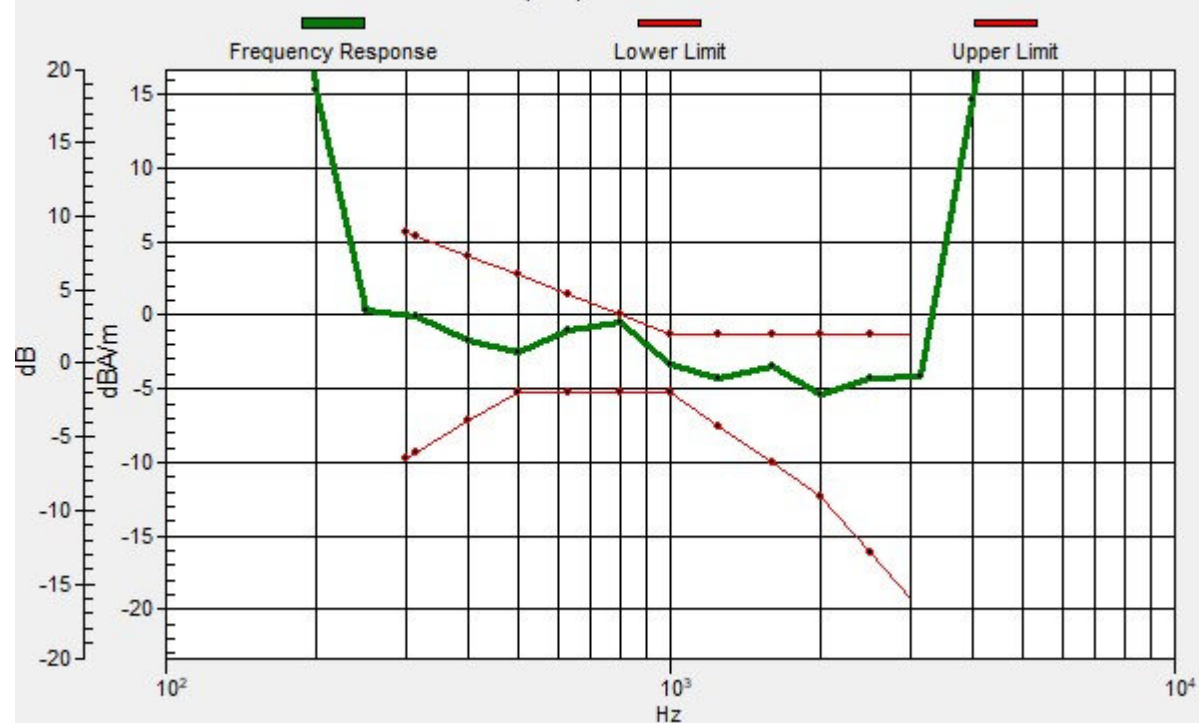
Location: 4.2, -8.3, 3.7 mm



0 dB = 123.1 = 41.80 dB

Ch21100/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.2, -8.3, 3.7 mm Diff: 0.54dB



7_HAC T-Coil_LTE Band 7_20M_16QAM_1RB_0Offset_Ch21100(Y)

Communication System: UID 0, LTE-FDD (0); 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 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

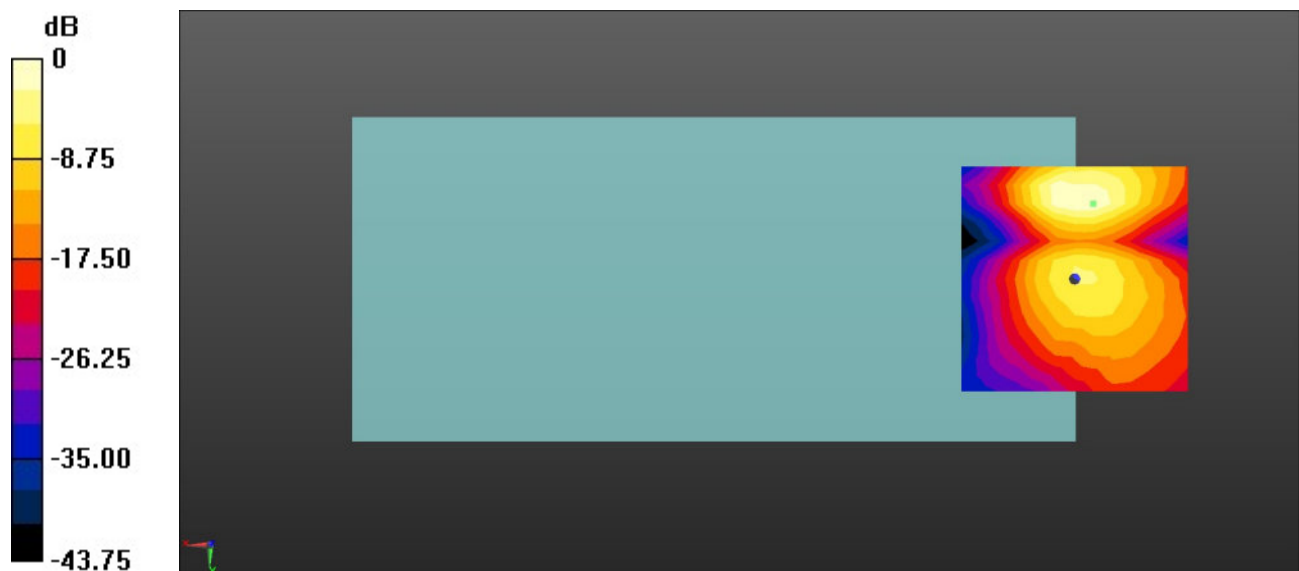
Ch21100/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 36.05 dB

ABM1 comp = -15.49 dBA/m

Location: -4.2, -16.7, 3.7 mm



0 dB = 63.43 = 36.05 dB

8_HAC T-Coil_LTE Band 12_10M_16QAM_1RB_0Offset_Ch23095(Z)

Communication System: UID 0, LTE-FDD (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

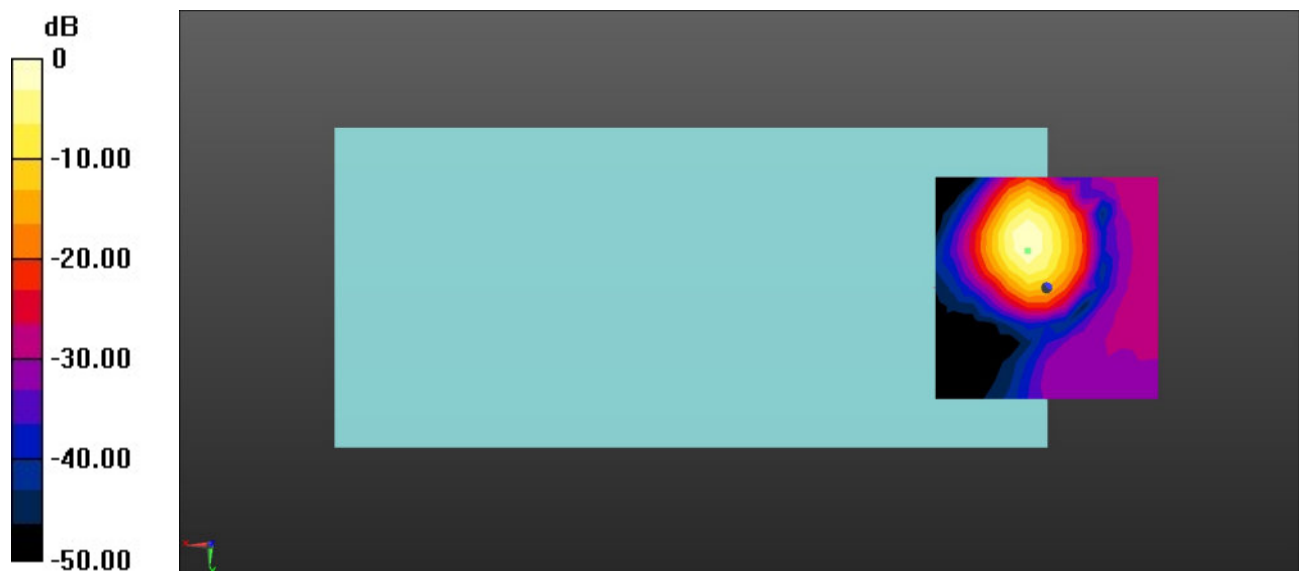
Ch23095/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 44.26 dB

ABM1 comp = -0.98 dBA/m

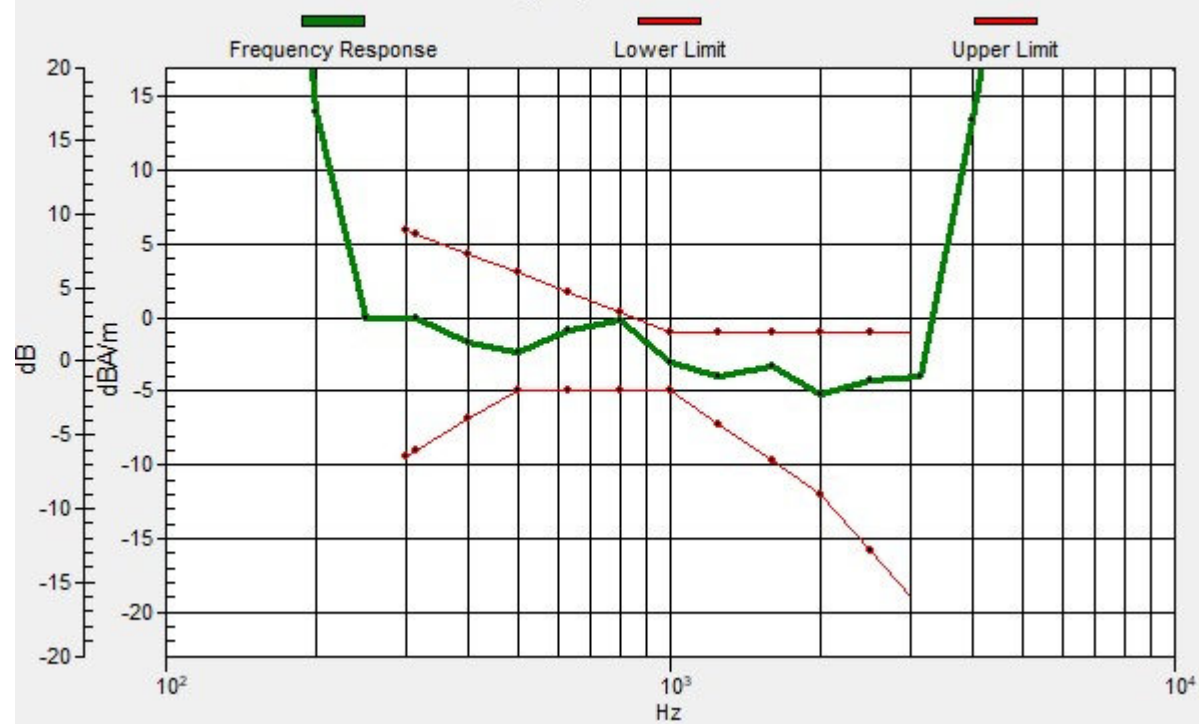
Location: 4.2, -8.3, 3.7 mm



0 dB = 163.3 = 44.26 dB

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

Loc: 4.2, -8.3, 3.7 mm Diff: 0.53dB



8_HAC T-Coil_LTE Band 12_10M_16QAM_1RB_0Offset_Ch23095(Y)

Communication System: UID 0, LTE-FDD (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

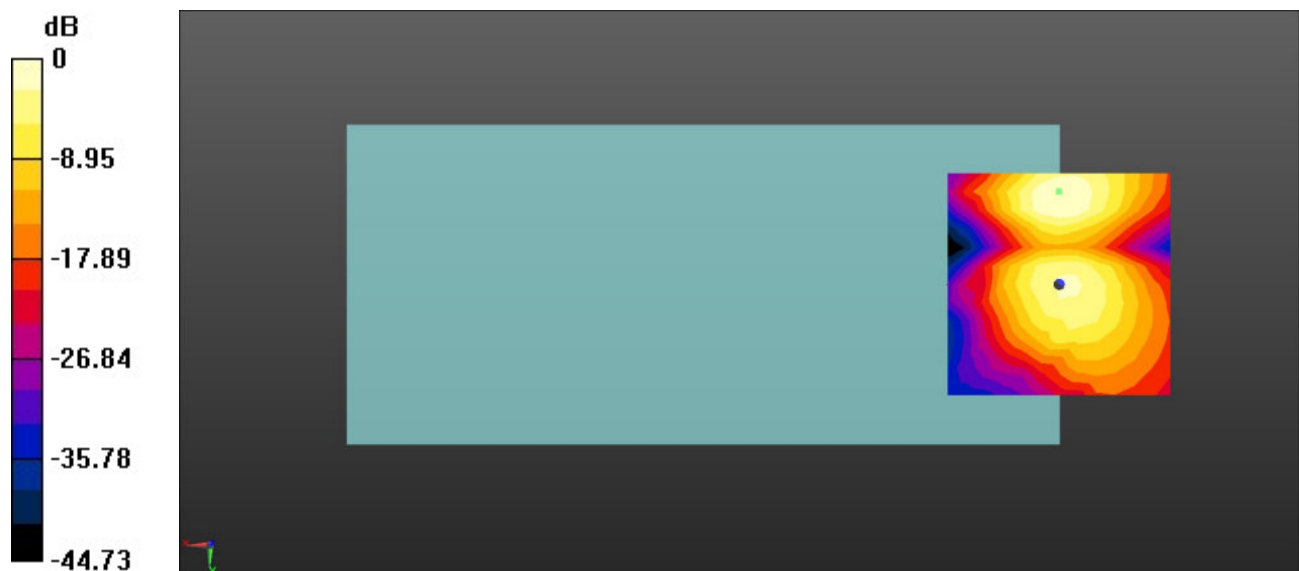
Ch23095/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 37.41 dB

ABM1 comp = -11.80 dBA/m

Location: 0, -20.8, 3.7 mm



0 dB = 74.26 = 37.41 dB

9_HAC T-Coil_LTE Band 13_10M_16QAM_1RB_0Offset_Ch23230(Z)

Communication System: UID 0, LTE-FDD (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

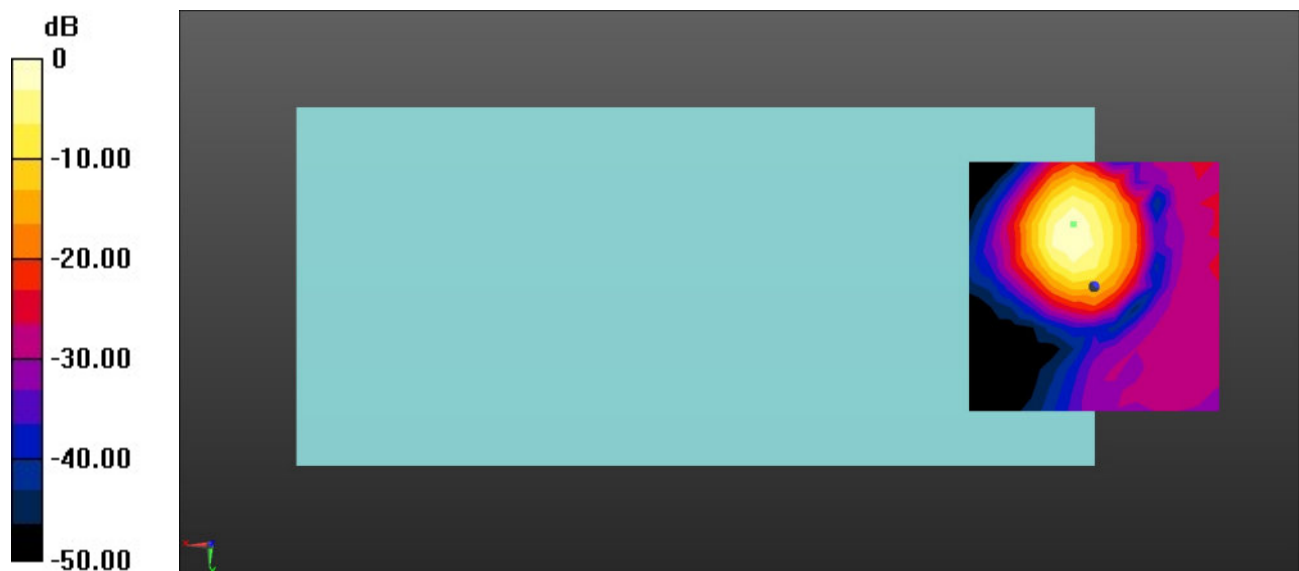
Ch23230/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 43.35 dB

ABM1 comp = -2.34 dBA/m

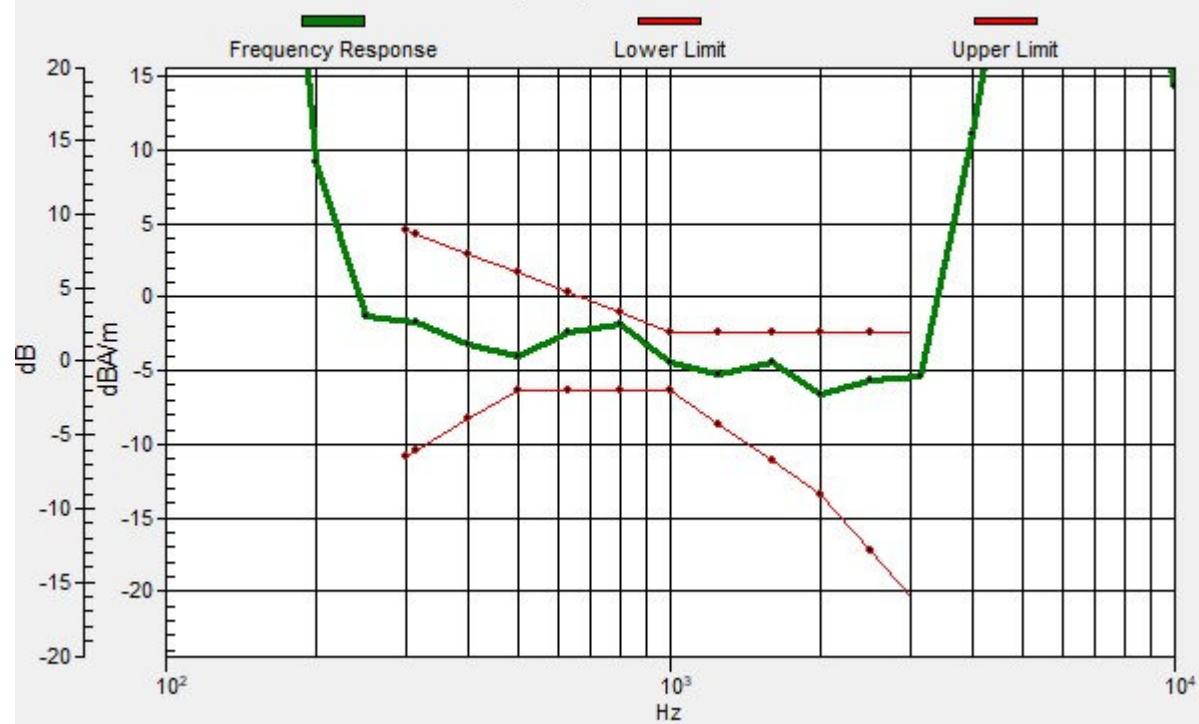
Location: 4.2, -12.5, 3.7 mm



0 dB = 147.0 = 43.35 dB

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

Loc: 4.2, -12.5, 3.7 mm Diff: 0.74dB



9_HAC T-Coil_LTE Band 13_10M_16QAM_1RB_0Offset_Ch23230(Y)

Communication System: UID 0, LTE-FDD (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

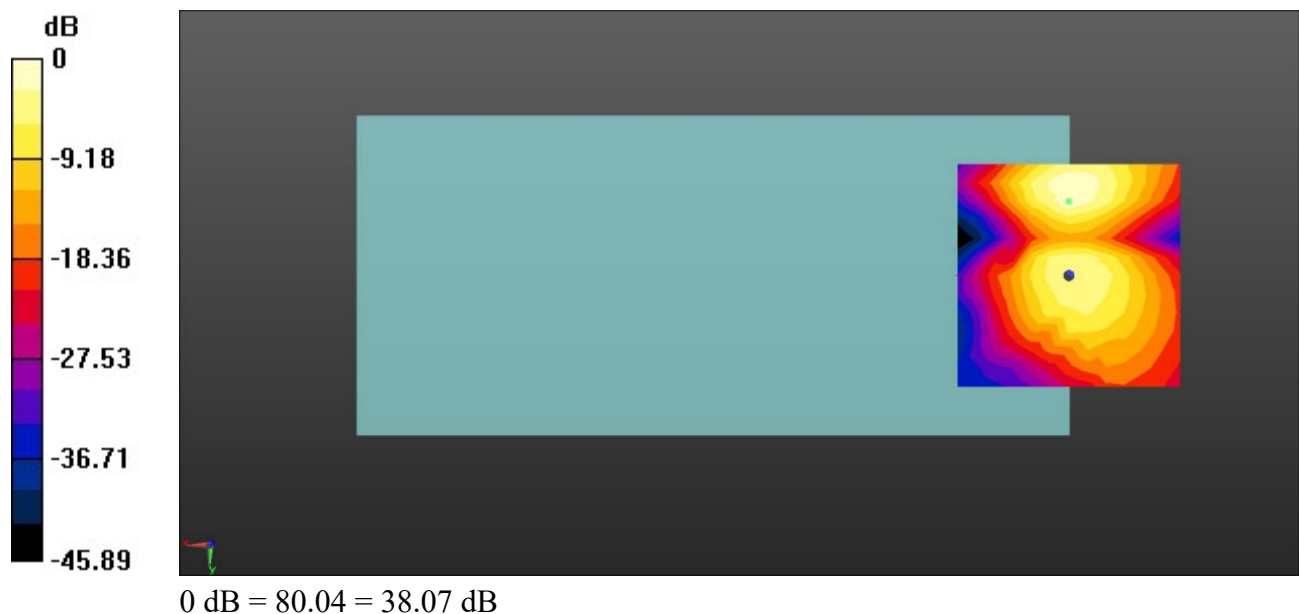
Ch23230/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 38.07 dB

ABM1 comp = -11.95 dBA/m

Location: 0, -16.7, 3.7 mm



10_HAC T-Coil_LTE Band 14_10M_16QAM_1RB_0Offset_Ch23330(Z)

Communication System: UID 0, LTE-FDD (0); Frequency: 793 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 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

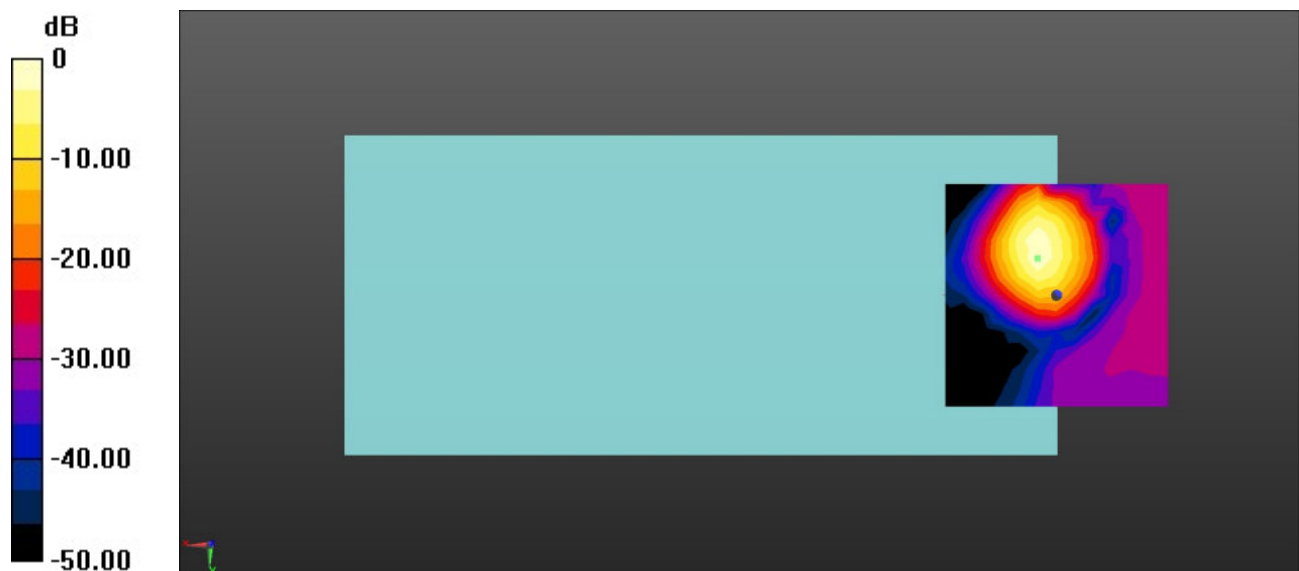
Ch23330/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 44.07 dB

ABM1 comp = -0.91 dBA/m

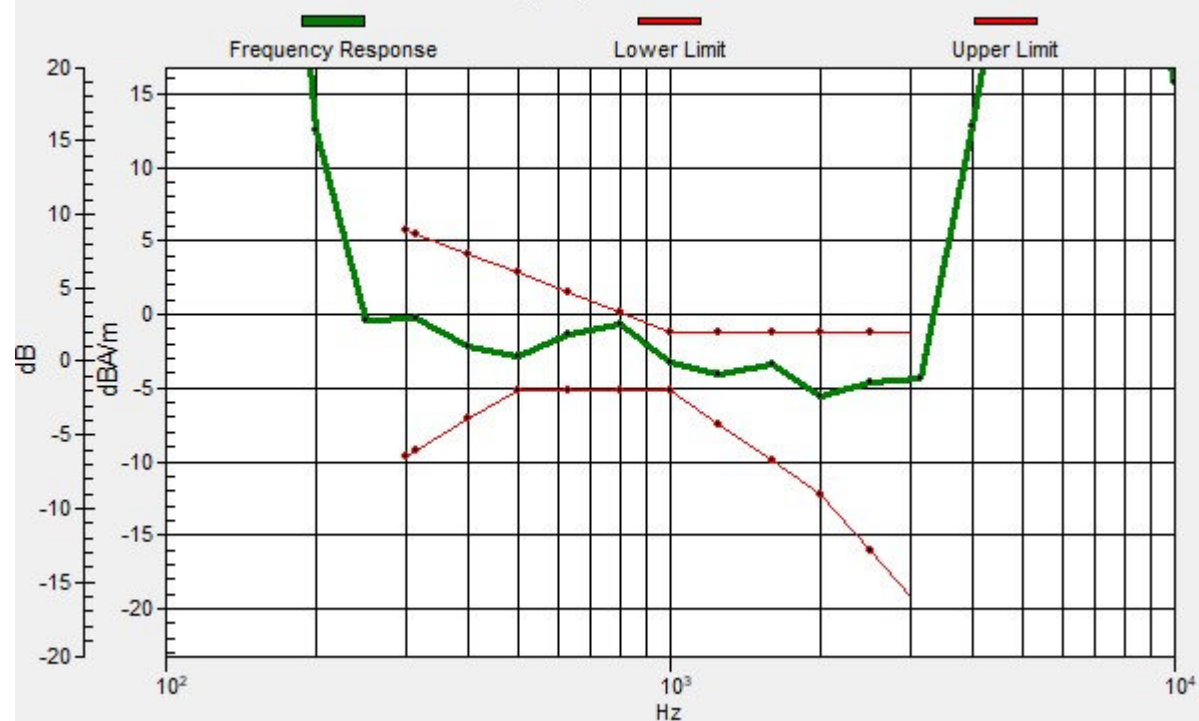
Location: 4.2, -8.3, 3.7 mm



0 dB = 159.7 = 44.07 dB

Ch23330/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.2, -8.3, 3.7 mm Diff: 0.79dB



10_HAC T-Coil_LTE Band 14_10M_16QAM_1RB_0Offset_Ch23330(Y)

Communication System: UID 0, LTE-FDD (0); Frequency: 793 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 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

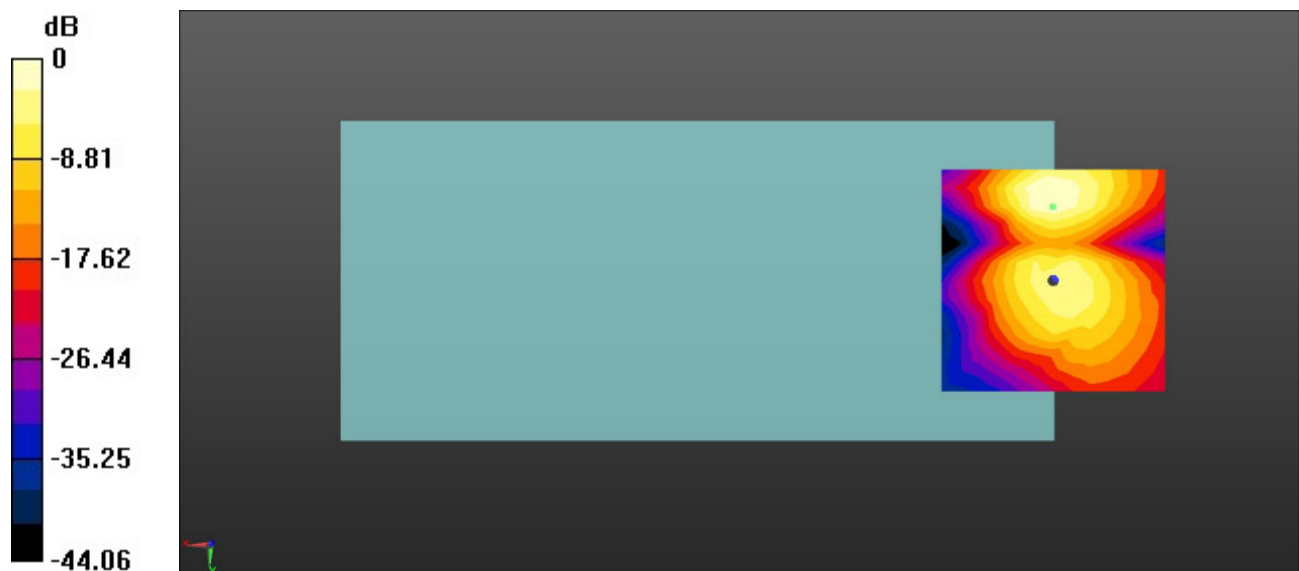
Ch23330/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 38.27 dB

ABM1 comp = -12.05 dBA/m

Location: 0, -16.7, 3.7 mm



0 dB = 81.96 = 38.27 dB

11_HAC T-Coil_LTE Band 25_20M_16QAM_1RB_0Offset_Ch26340(Z)

Communication System: UID 0, LTE-FDD (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

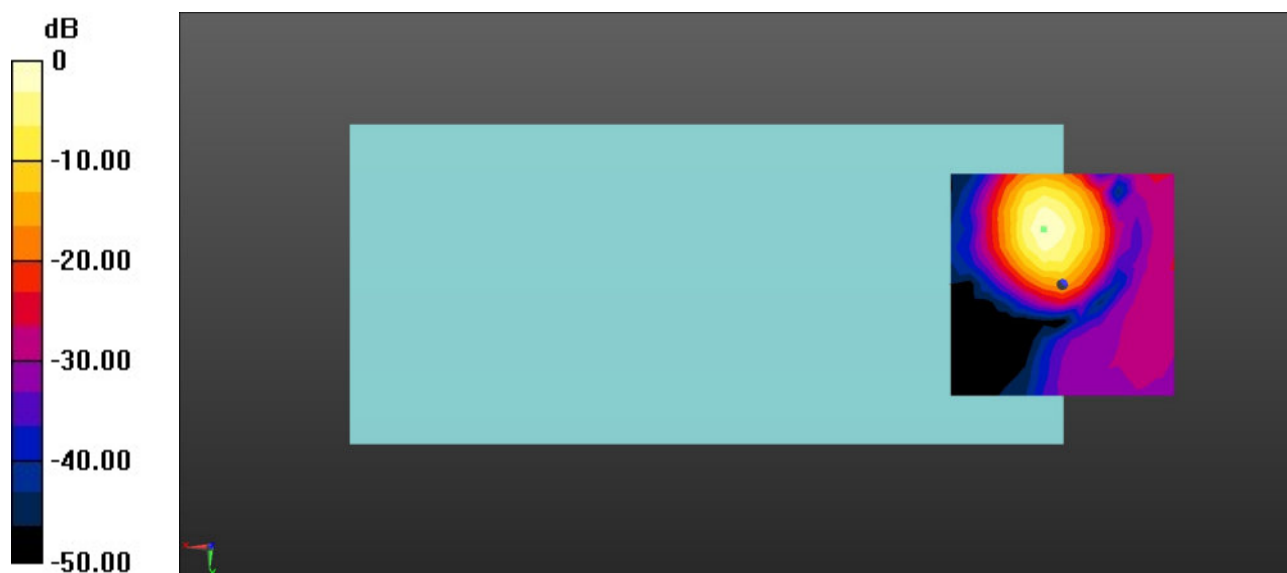
Ch26340/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 44.52 dB

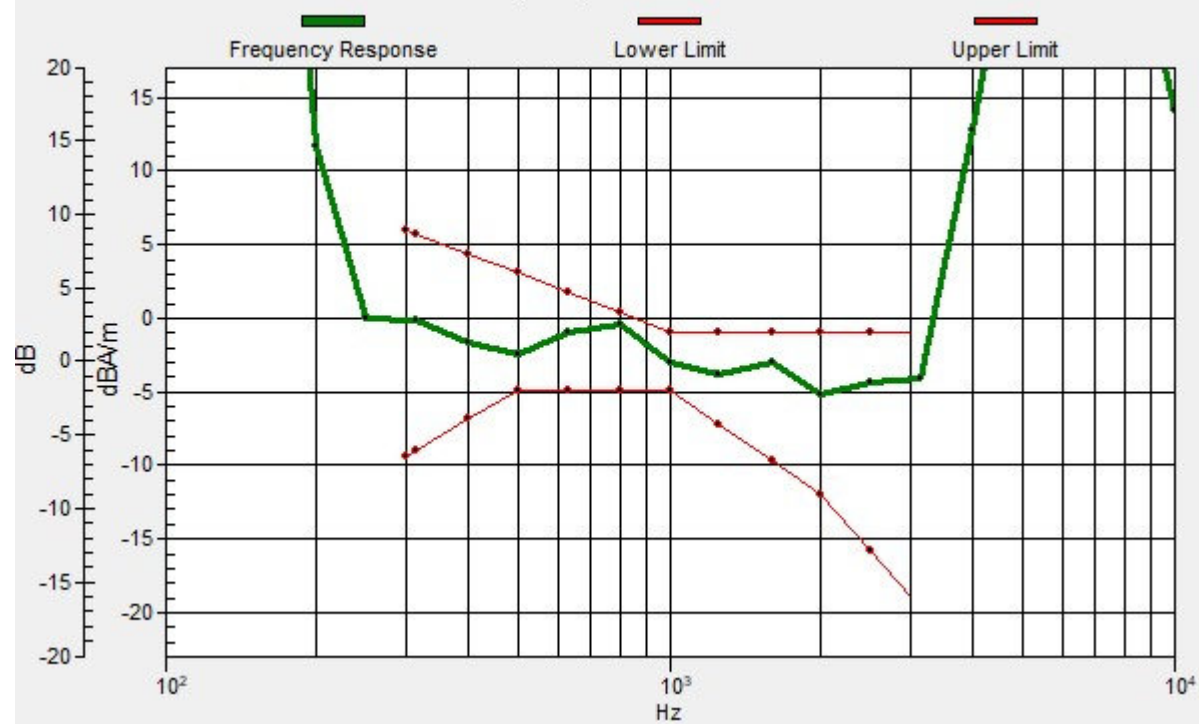
ABM1 comp = -1.04 dBA/m

Location: 4.2, -12.5, 3.7 mm



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

Loc: 4.2, -12.5, 3.7 mm Diff: 0.71dB



11_HAC T-Coil_LTE Band 25_20M_16QAM_1RB_0Offset_Ch26340(Y)

Communication System: UID 0, LTE-FDD (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

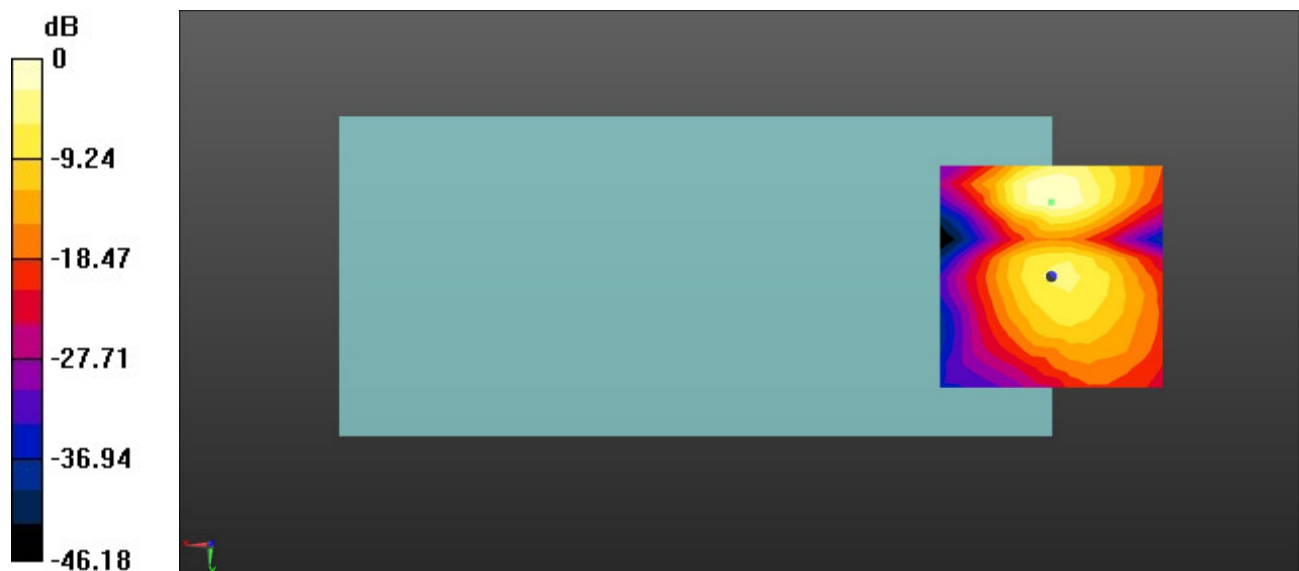
Ch26340/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 38.04 dB

ABM1 comp = -11.69 dBA/m

Location: 0, -16.7, 3.7 mm



0 dB = 79.76 = 38.04 dB

12_HAC T-Coil_LTE Band 26_15M_16QAM_1RB_0Offset_Ch26865(Z)

Communication System: UID 0, LTE-FDD (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

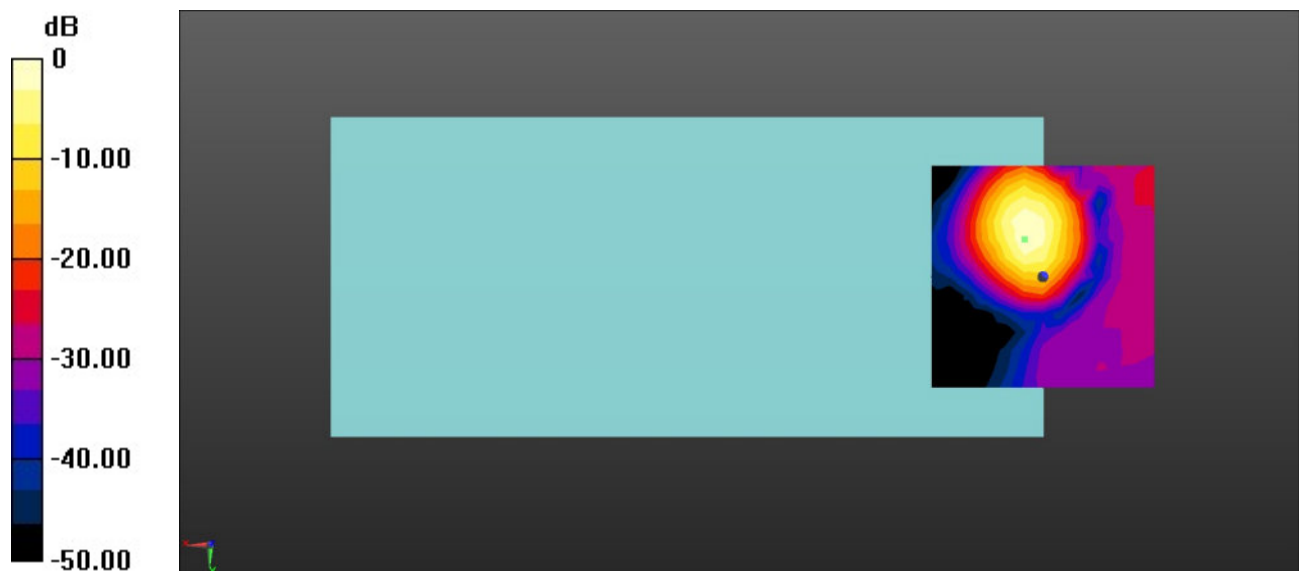
Ch26865/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 44.65 dB

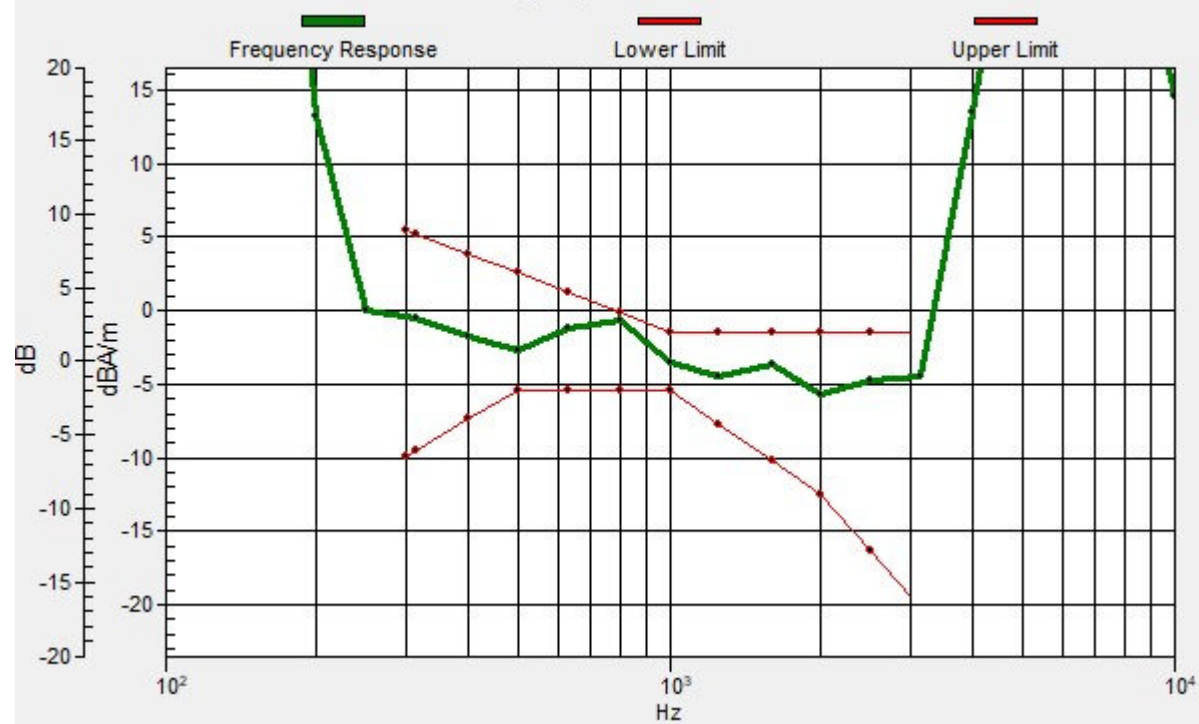
ABM1 comp = -1.24 dBA/m

Location: 4.2, -8.3, 3.7 mm



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

Loc: 4.2, -8.3, 3.7 mm Diff: 0.52dB



12_HAC T-Coil_LTE Band 26_15M_16QAM_1RB_0Offset_Ch26865(Y)

Communication System: UID 0, LTE-FDD (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

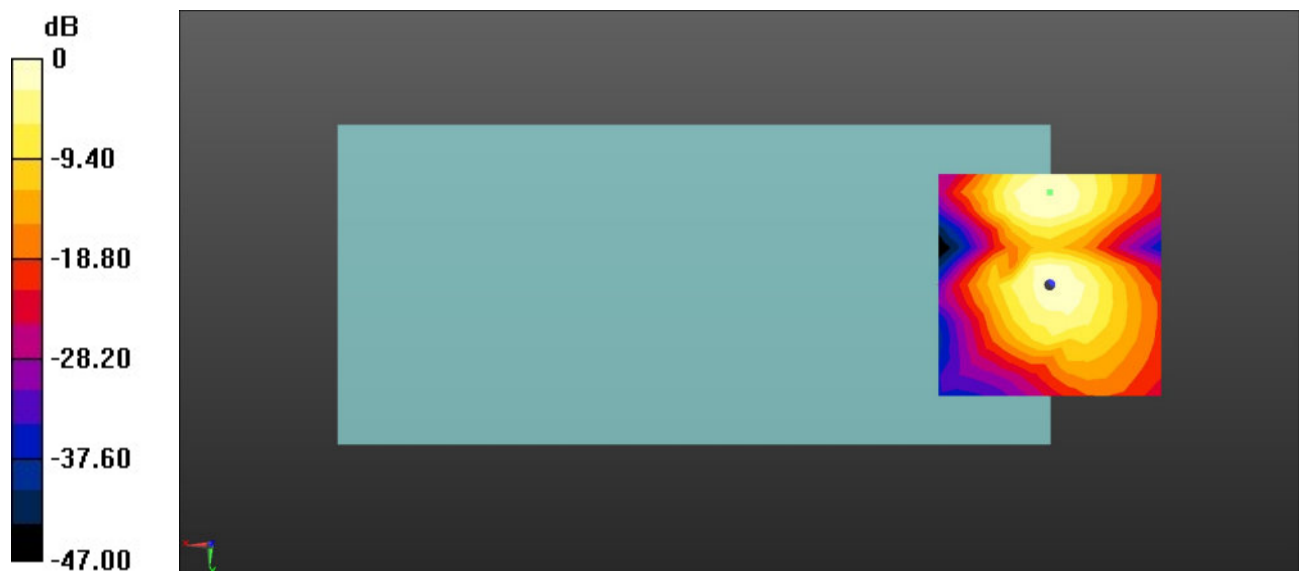
Ch26865/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 38.88 dB

ABM1 comp = -11.79 dBA/m

Location: 0, -20.8, 3.7 mm



0 dB = 87.90 = 38.88 dB

13_HAC T-Coil_LTE Band 30_10M_16QAM_1RB_0Offset_Ch27710(Z)

Communication System: UID 0, LTE-FDD (0); Frequency: 2310 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 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

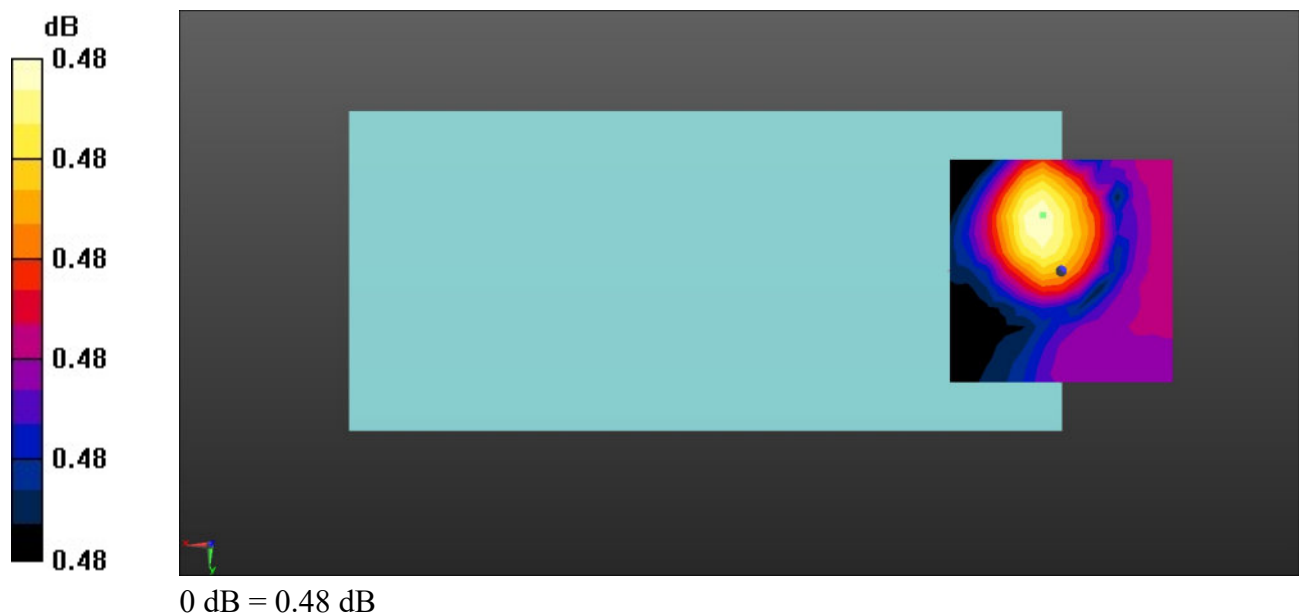
Ch27710/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 41.40 dB

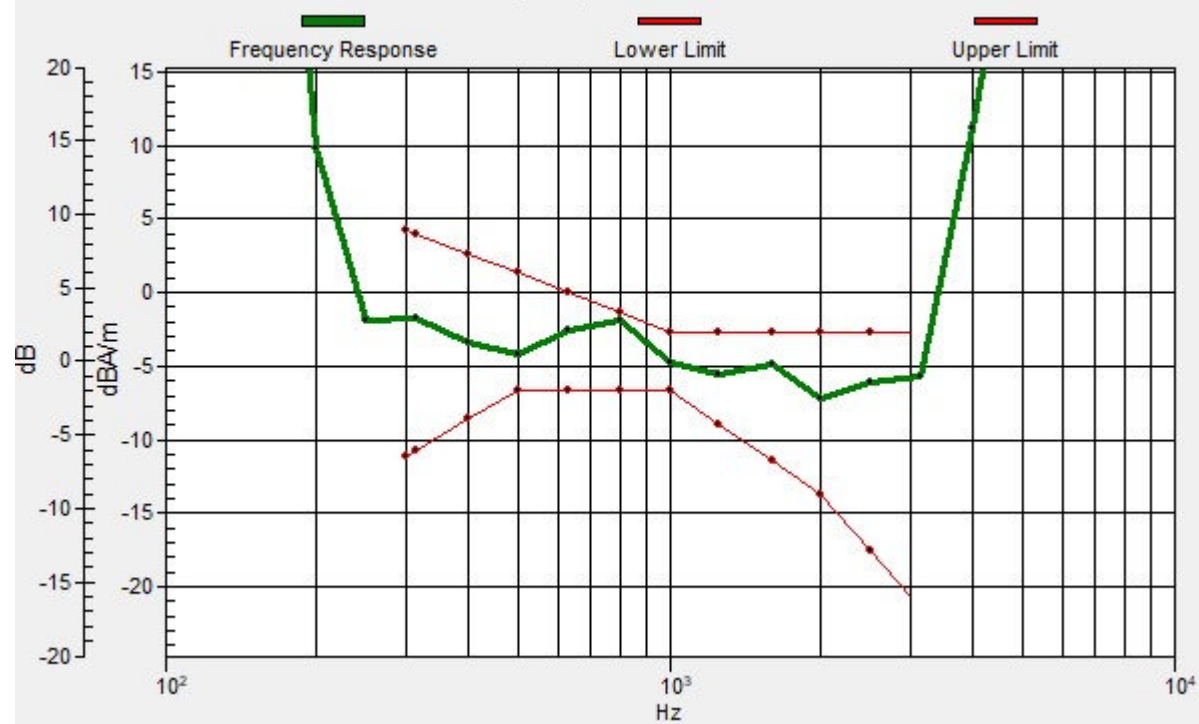
ABM1 comp = -1.96 dBA/m

Location: 4.2, -12.5, 3.7 mm



Ch27710/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.2, -12.5, 3.7 mm Diff: 0.48dB



13_HAC T-Coil_LTE Band 30_10M_16QAM_1RB_0Offset_Ch27710(Y)

Communication System: UID 0, LTE-FDD (0); Frequency: 2310 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 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

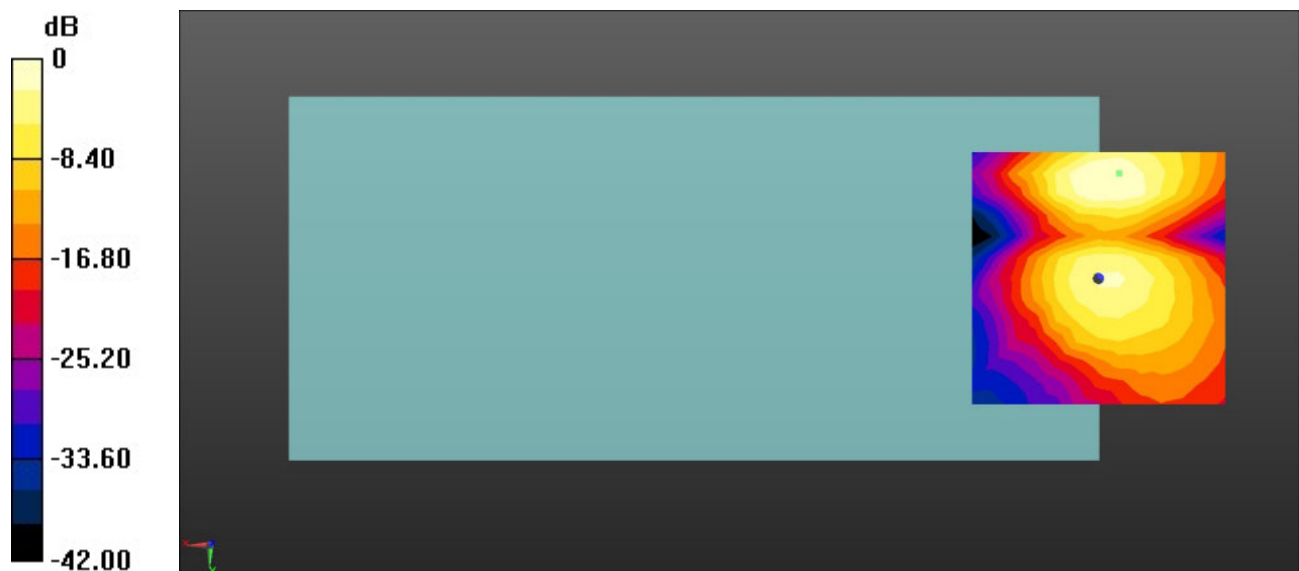
Ch27710/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 33.91 dB

ABM1 comp = -14.93 dBA/m

Location: -4.2, -20.8, 3.7 mm



0 dB = 49.63 = 33.91 dB

14_HAC T-Coil_LTE Band 66_20M_16QAM_1RB_0Offset_Ch132322(Z)

Communication System: UID 0, LTE-FDD (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

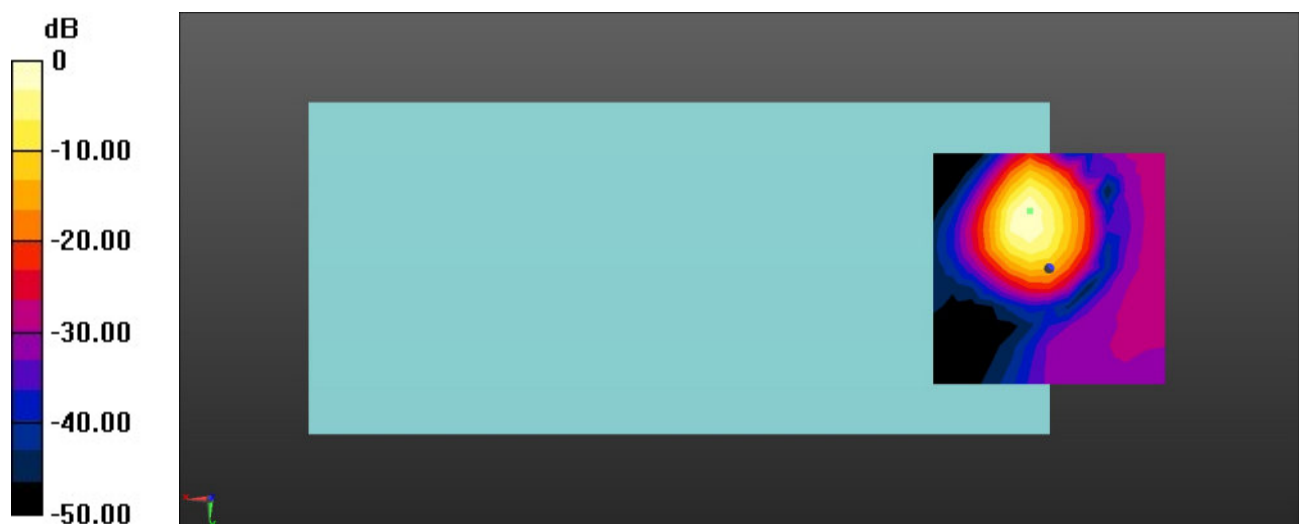
Ch132322/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 42.86 dB

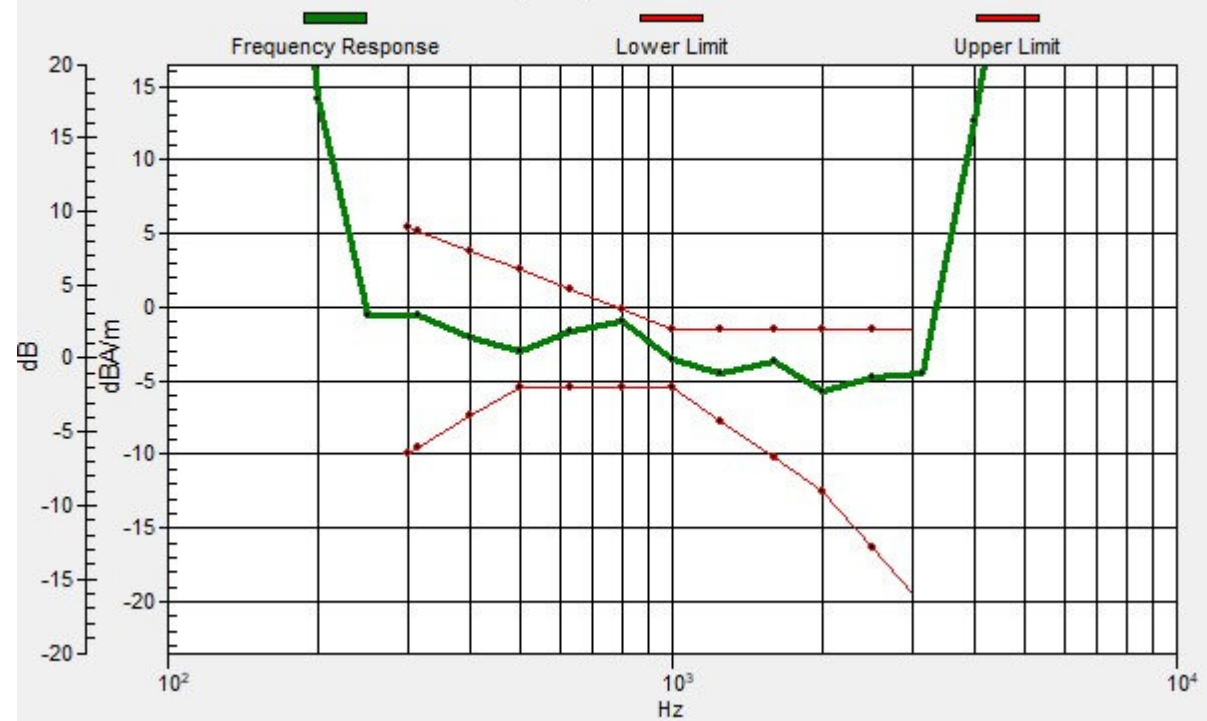
ABM1 comp = -1.25 dBA/m

Location: 4.2, -12.5, 3.7 mm



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

Loc: 4.2, -12.5, 3.7 mm Diff: 0.78dB



14_HAC T-Coil_LTE Band 66_20M_16QAM_1RB_0Offset_Ch132322(Y)

Communication System: UID 0, LTE-FDD (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

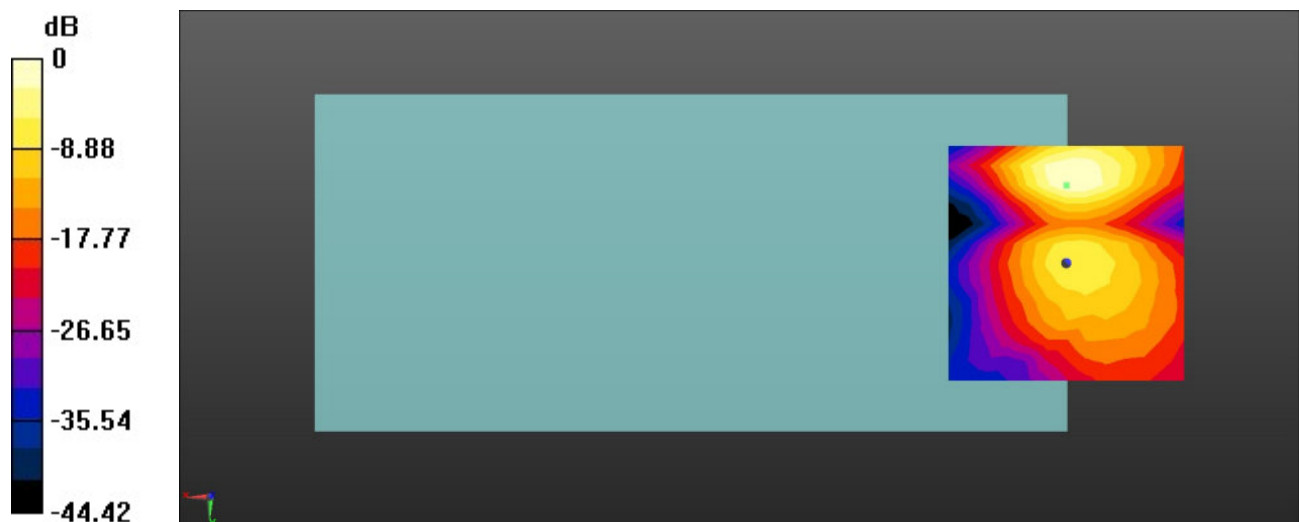
Ch132322/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 37.63 dB

ABM1 comp = -10.90 dBA/m

Location: 0, -16.7, 3.7 mm



0 dB = 76.15 = 37.63 dB

15_HAC T-Coil_LTE Band 71_20M_16QAM_1RB_0Offset_Ch133322(Z)

Communication System: UID 0, LTE-FDD (0); Frequency: 683 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 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

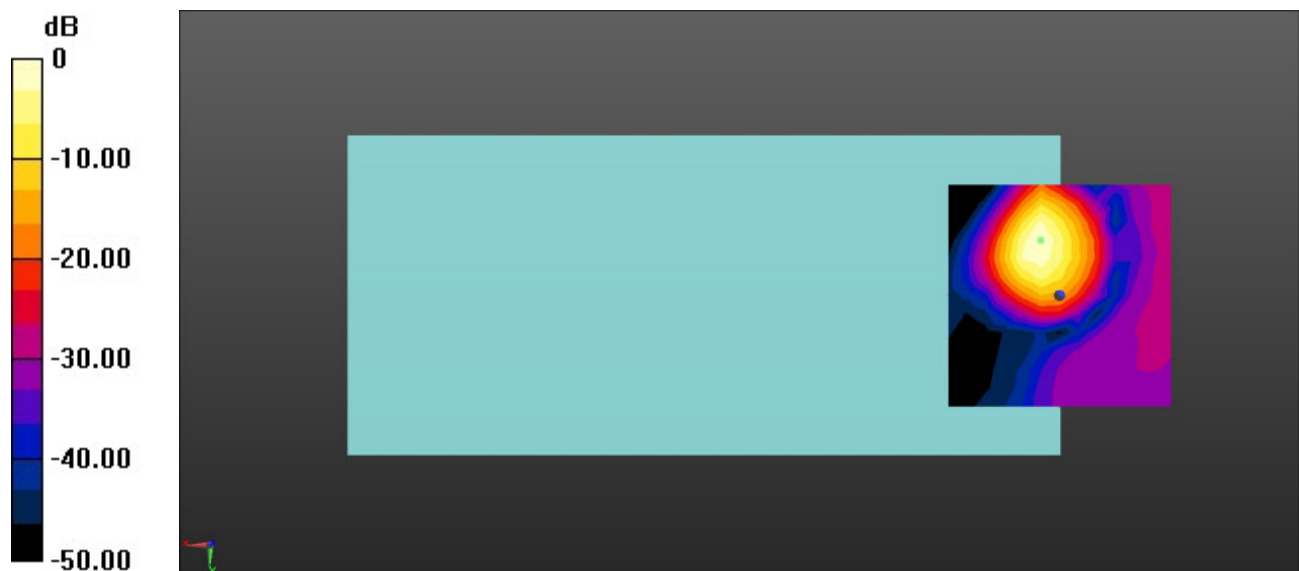
Ch133322/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 41.59 dB

ABM1 comp = -0.88 dBA/m

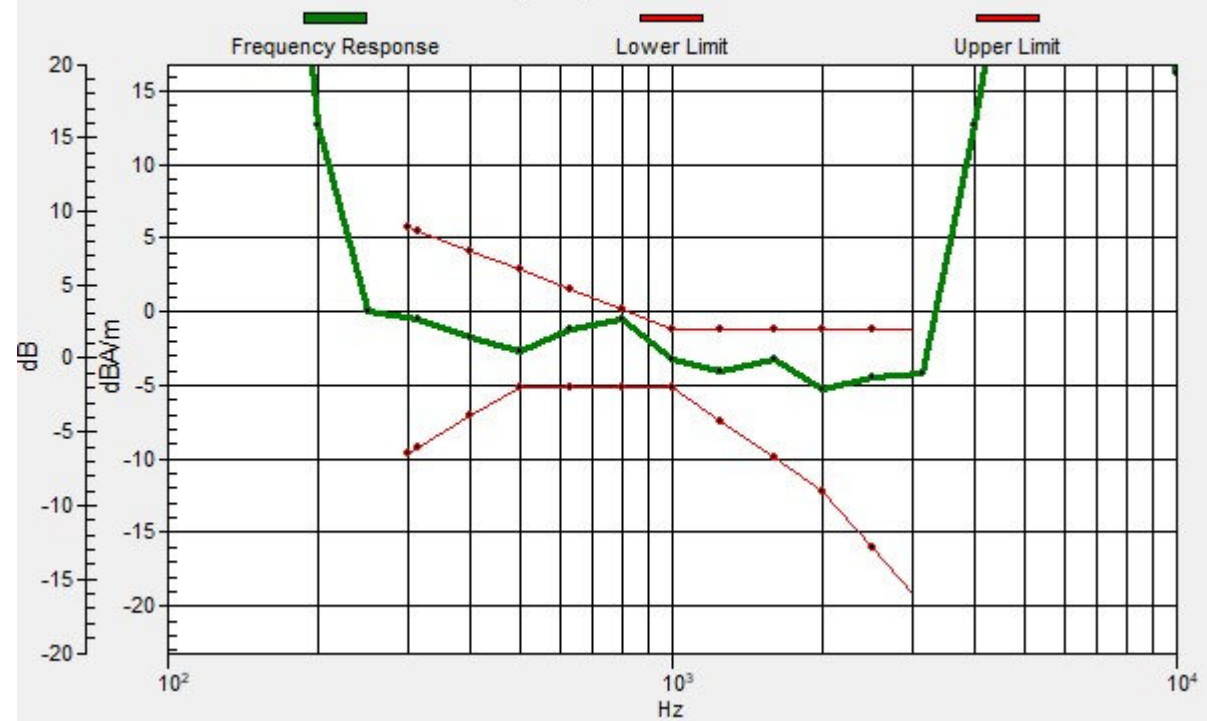
Location: 4.2, -12.5, 3.7 mm



0 dB = 120.0 = 41.59 dB

Ch133322/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.2, -12.5, 3.7 mm Diff: 0.68dB



15_HAC T-Coil_LTE Band 71_20M_16QAM_1RB_0Offset_Ch133322(Y)

Communication System: UID 0, LTE-FDD (0); Frequency: 683 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 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

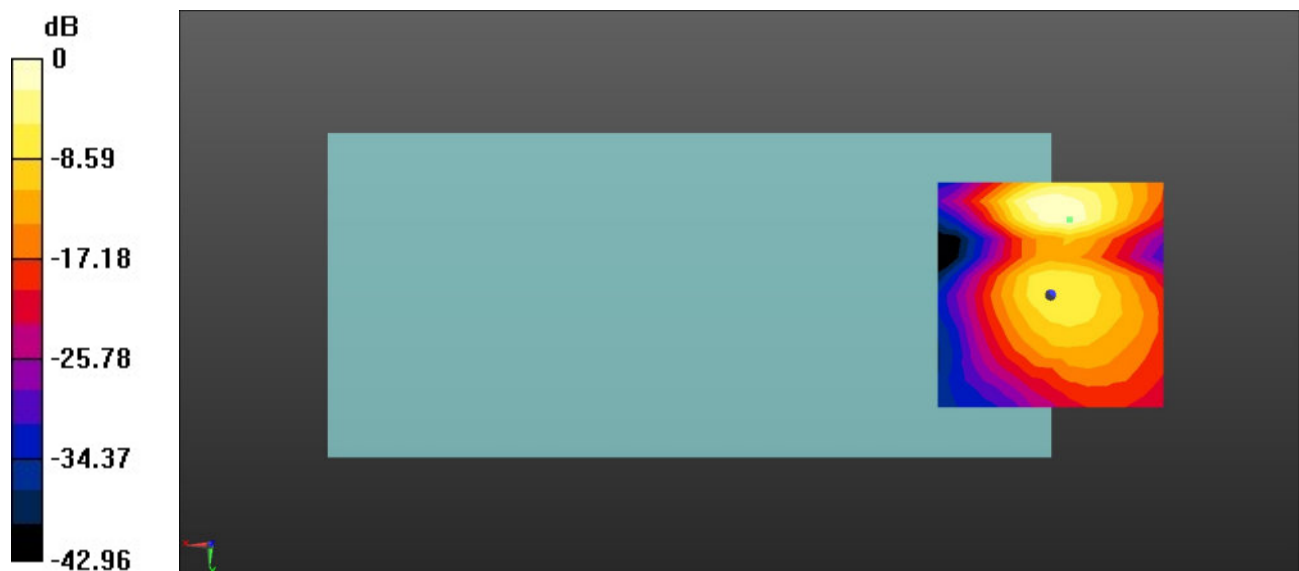
Ch133322/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement

grid: dx=10mm, dy=10mm

ABM1/ABM2 = 36.11 dB

ABM1 comp = -15.14 dBA/m

Location: -4.2, -16.7, 3.7 mm



0 dB = 63.93 = 36.11 dB

16_HAC T-Coil_LTE Band 41_20M_16QAM_1RB_0Offset_Ch40620(Z)

Communication System: UID 0, LTE-HPUE (0); Frequency: 2593 MHz; Duty Cycle: 1:2.33

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 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

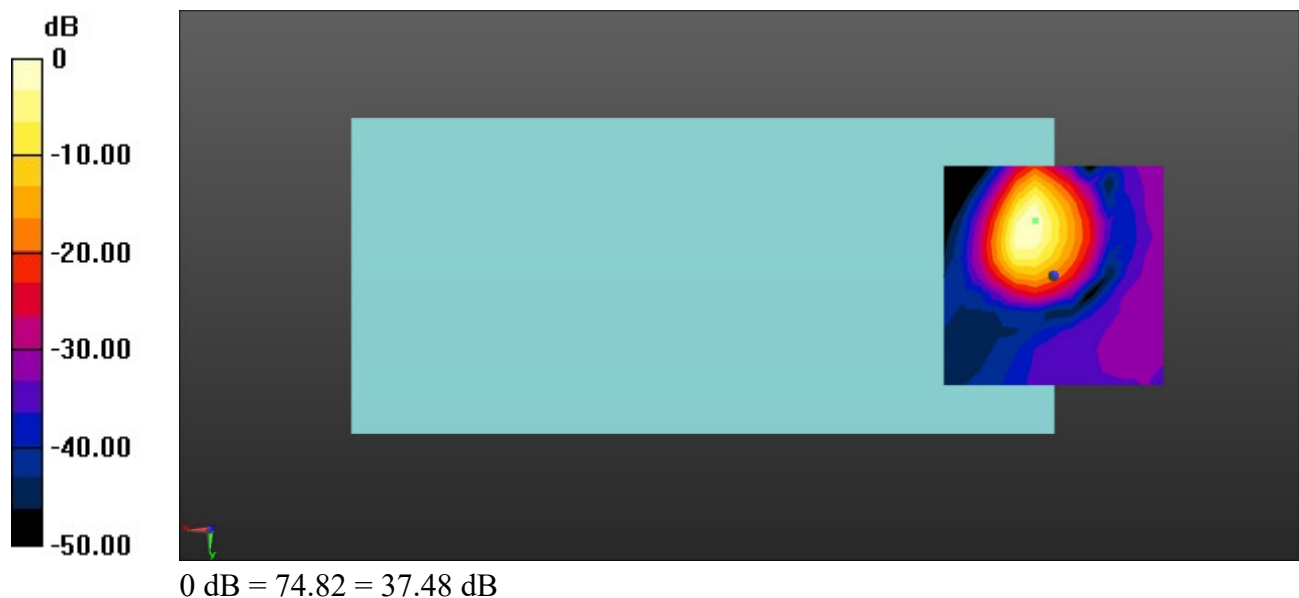
Ch40620/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 37.48 dB

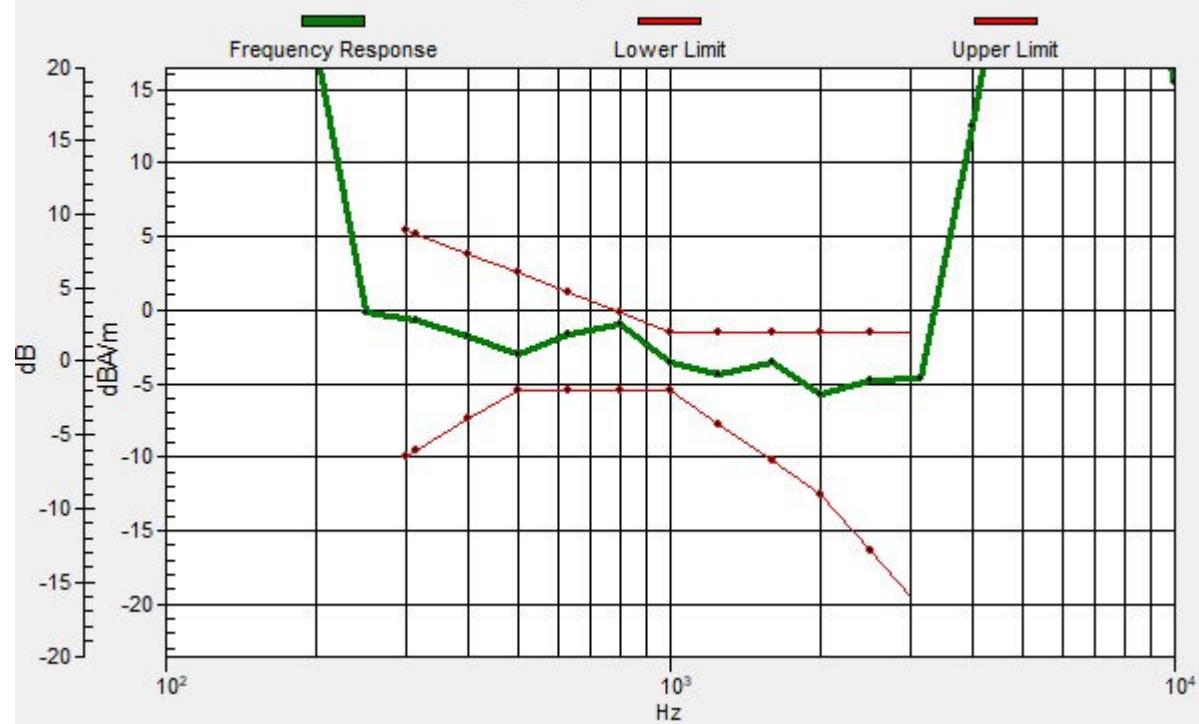
ABM1 comp = -1.41 dBA/m

Location: 4.2, -12.5, 3.7 mm



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

Loc: 4.2, -12.5, 3.7 mm Diff: 0.73dB



16_HAC T-Coil_LTE Band 41_20M_16QAM_1RB_0Offset_Ch40620(Y)

Communication System: UID 0, LTE-HPUE (0); Frequency: 2593 MHz; Duty Cycle: 1:2.33

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 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

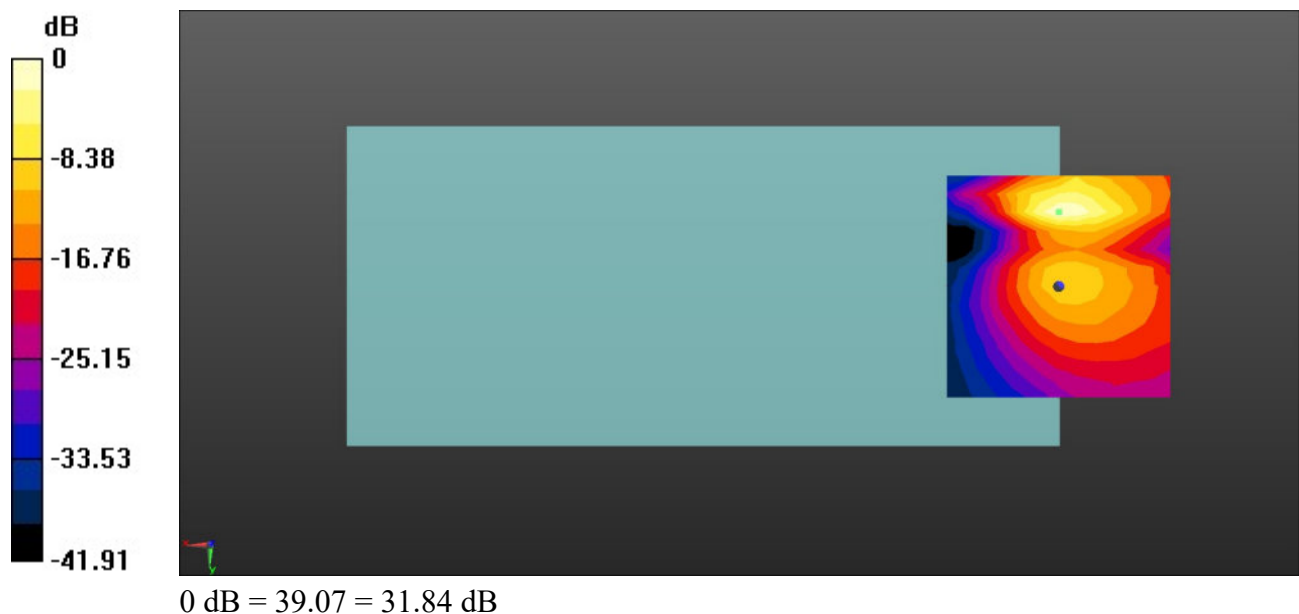
Ch40620/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 31.84 dB

ABM1 comp = -11.16 dBA/m

Location: 0, -16.7, 3.7 mm



17_HAC T-Coil_WLAN2.4G_802.11b 1Mbps_Ch6(Z)

Communication System: UID 0, WLAN2.4GHz (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 : 23.3 °C;

DASY5 Configuration:

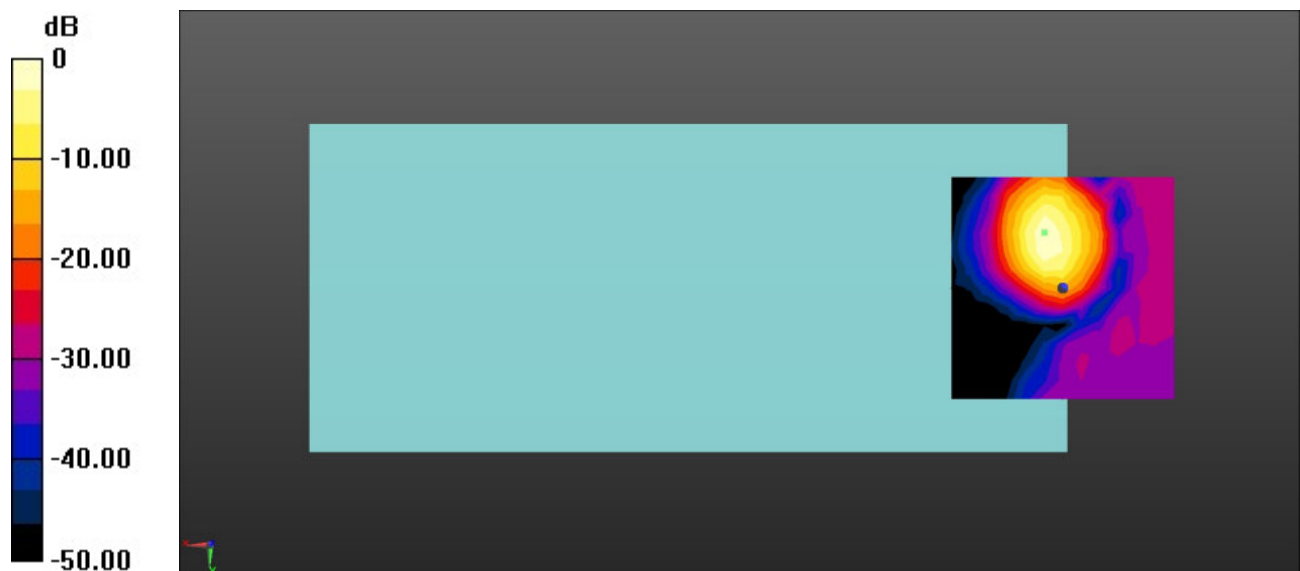
- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch6/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 45.88 dB

ABM1 comp = -0.58 dBA/m

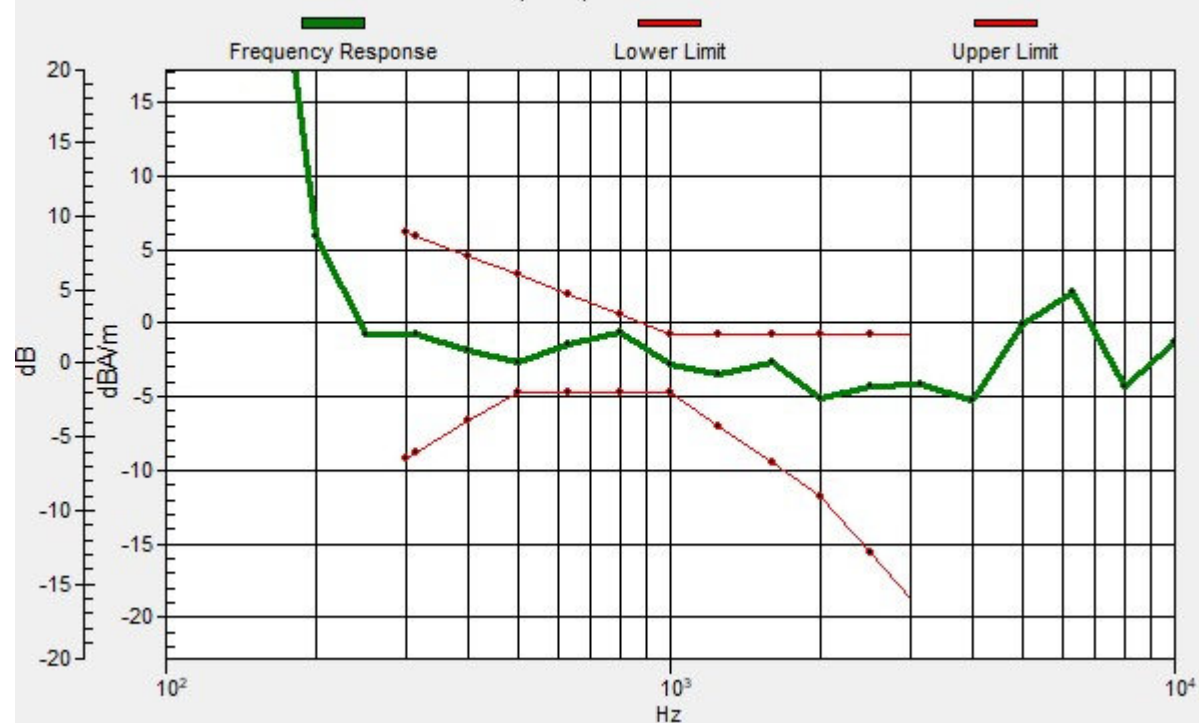
Location: 4.2, -12.5, 3.7 mm



0 dB = 196.8 = 45.88 dB

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

Loc: 4.2, -12.5, 3.7 mm Diff: 1.15dB



17_HAC T-Coil_WLAN2.4G_802.11b 1Mbps_Ch6(Y)

Communication System: UID 0, WLAN2.4GHz (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

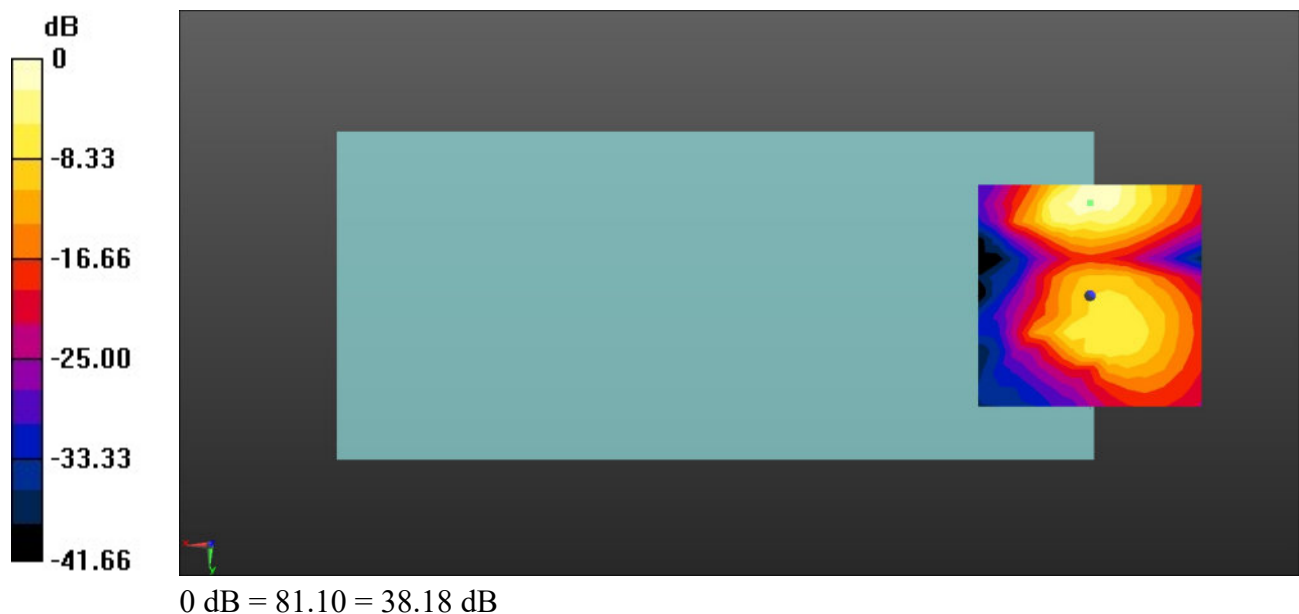
Ch6/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 38.18 dB

ABM1 comp = -10.86 dBA/m

Location: 0, -20.8, 3.7 mm



18_HAC T-Coil_WLAN5G_802.11a 6Mbps_Ch40(Z)

Communication System: UID 0, WLAN5GHz (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 : 23.3 °C;

DASY5 Configuration:

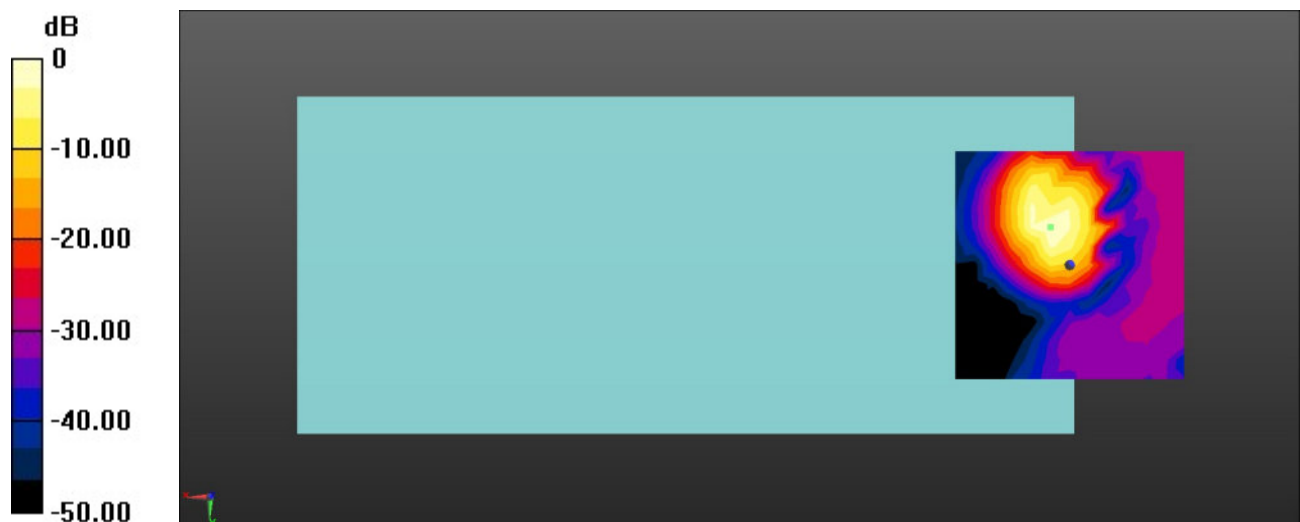
- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch40/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 46.94 dB

ABM1 comp = 0.27 dBA/m

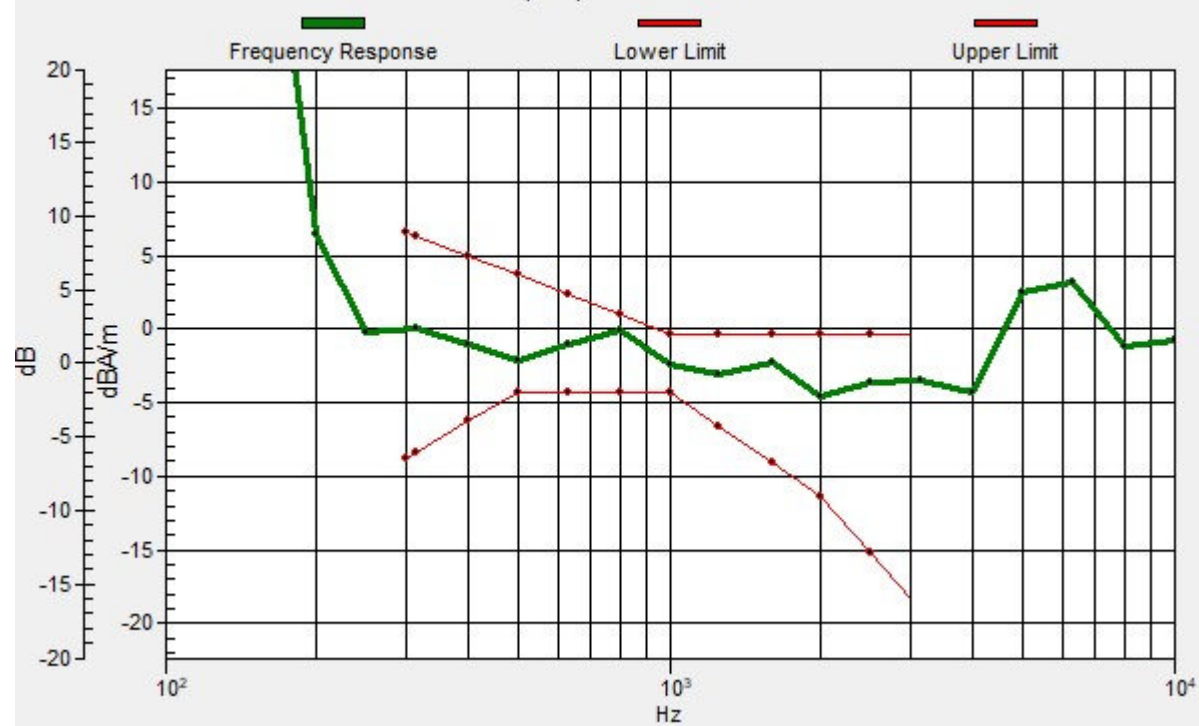
Location: 4.2, -8.3, 3.7 mm



0 dB = 222.2 = 46.94 dB

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

Loc: 4.2, -8.3, 3.7 mm Diff: 1.11dB



18_HAC T-Coil_WLAN5G_802.11a 6Mbps_Ch40(Y)

Communication System: UID 0, WLAN5GHz (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

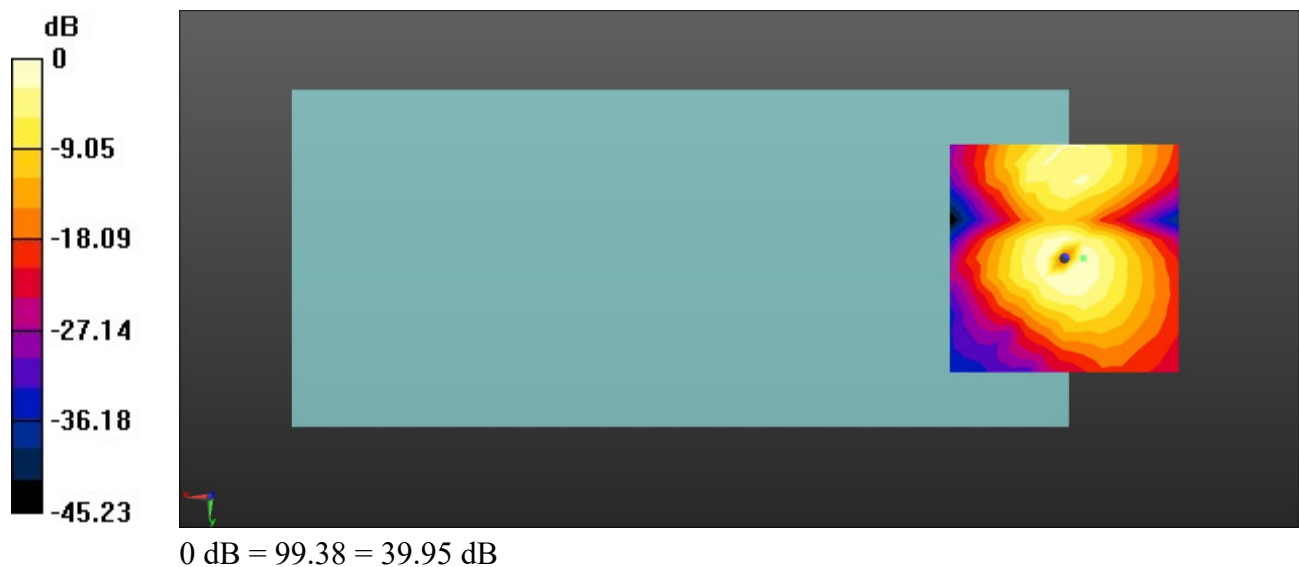
Ch40/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 39.95 dB

ABM1 comp = -13.51 dBA/m

Location: -4.2, 0, 3.7 mm



19_HAC T-Coil_WLAN5G_802.11a 6Mbps_Ch60(Z)

Communication System: UID 0, WLAN5GHz (0); Frequency: 5300 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:

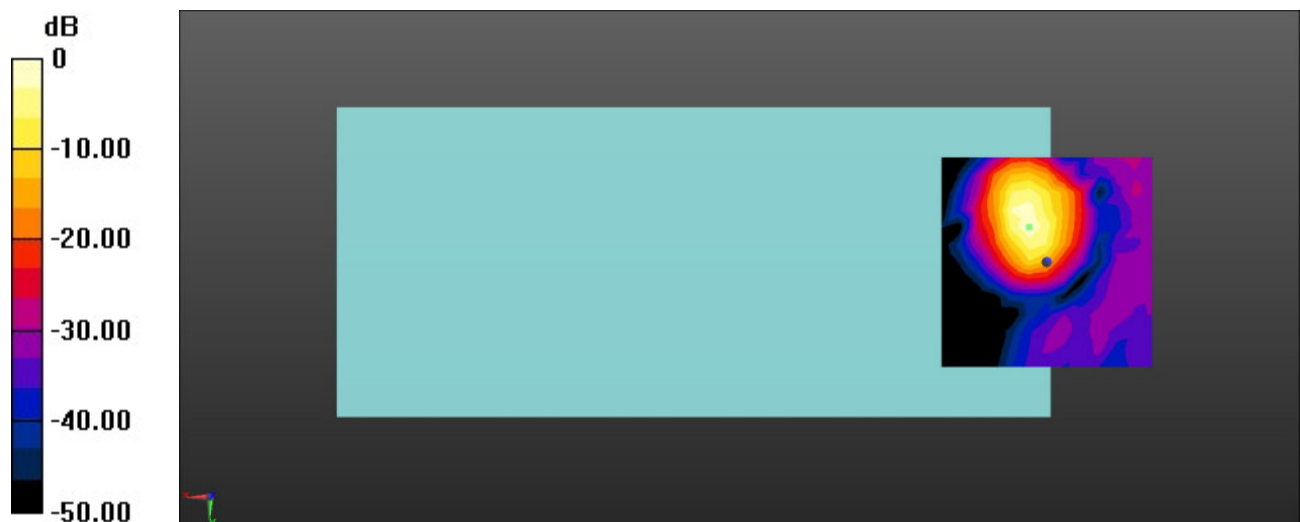
- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch60/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 51.41 dB

ABM1 comp = 3.33 dBA/m

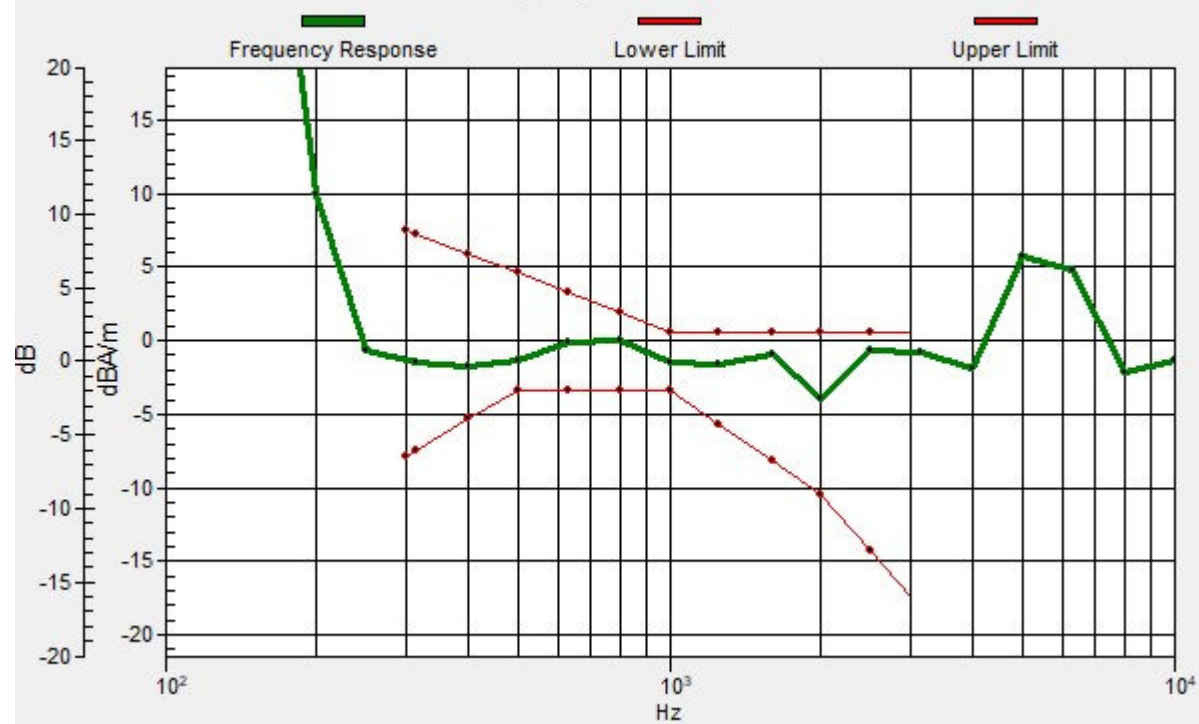
Location: 4.2, -8.3, 3.7 mm



0 dB = 372.0 = 51.41 dB

Ch60/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 4.2, -8.3, 3.7 mm Diff: 1.26dB



19_HAC T-Coil_WLAN5G_802.11a 6Mbps_Ch60(Y)

Communication System: UID 0, WLAN5GHz (0); Frequency: 5300 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 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

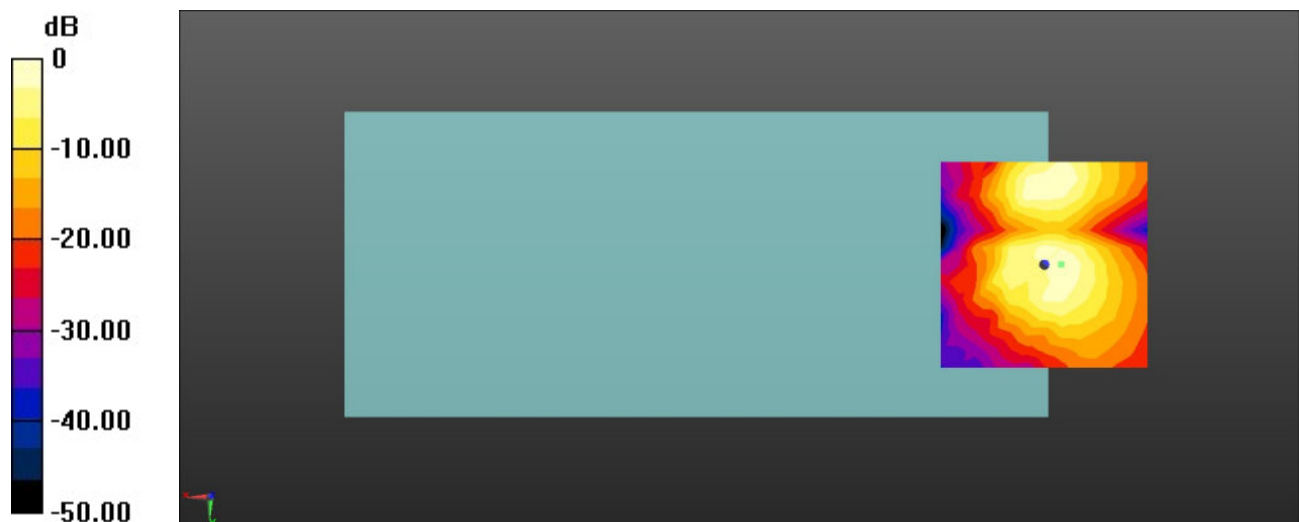
Ch60/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 42.44 dB

ABM1 comp = -10.53 dBA/m

Location: -4.2, 0, 3.7 mm



0 dB = 132.5 = 42.44 dB

20_HAC T-Coil_WLAN5G_802.11a 6Mbps_Ch116(Z)

Communication System: UID 0, WLAN5GHz (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

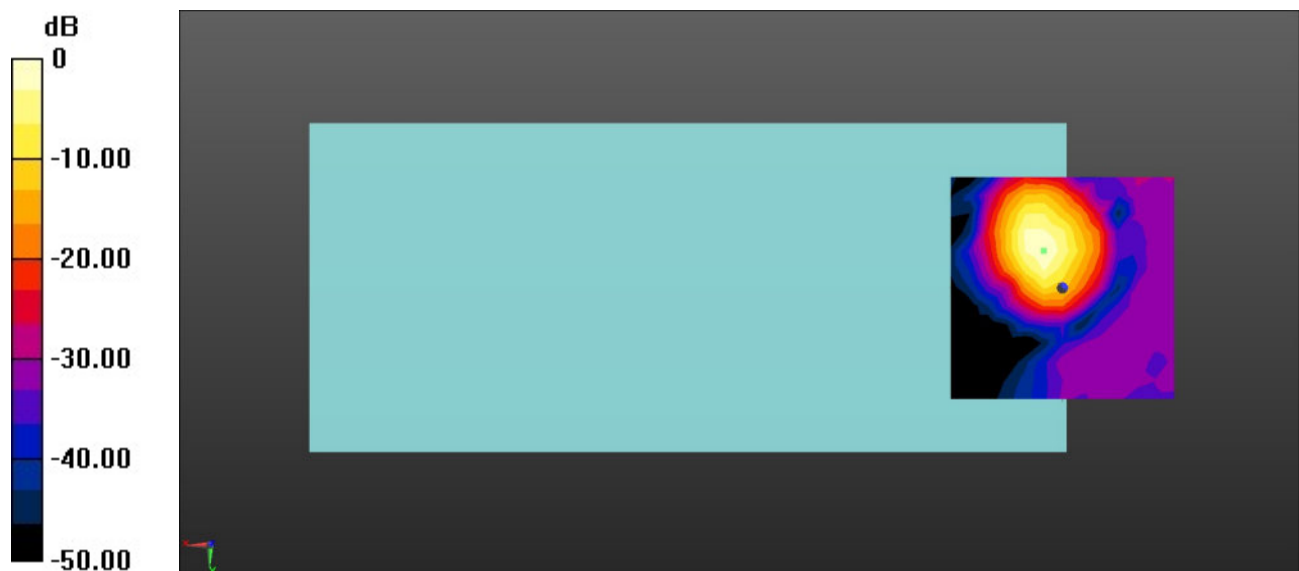
Ch116/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 51.96 dB

ABM1 comp = 2.91 dBA/m

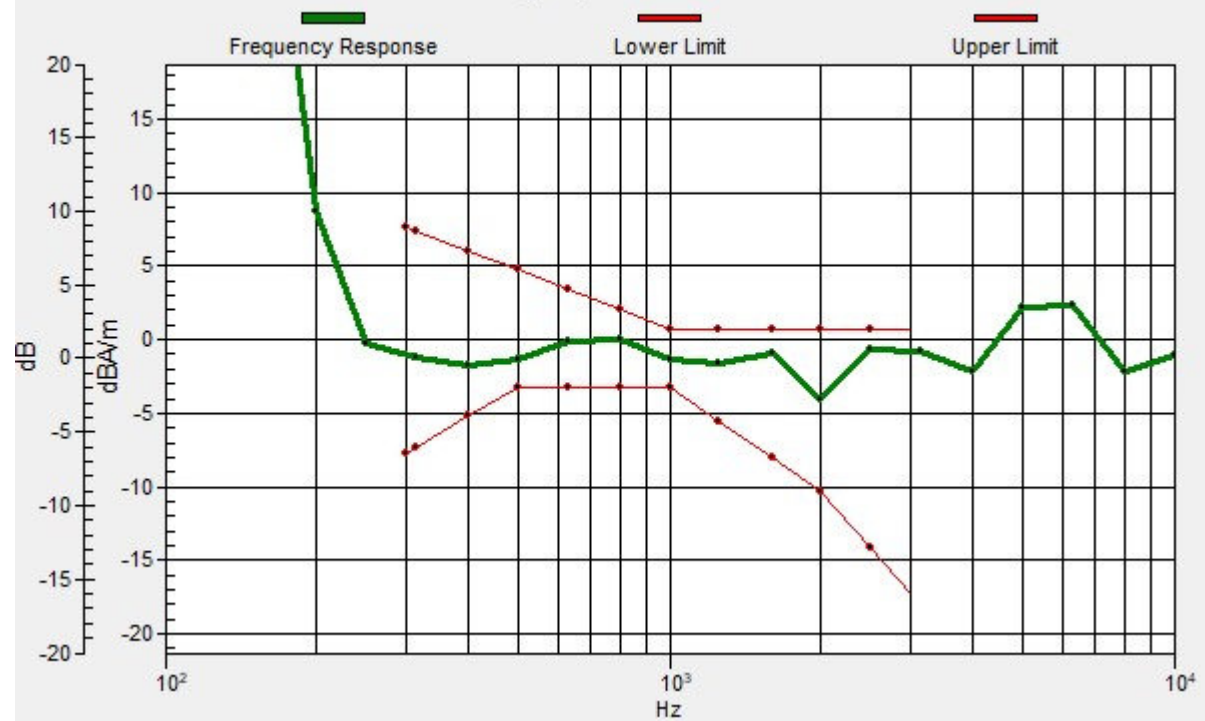
Location: 4.2, -8.3, 3.7 mm



0 dB = 396.1 = 51.96 dB

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

Loc: 4.2, -8.3, 3.7 mm Diff: 1.44dB



20_HAC T-Coil_WLAN5G_802.11a 6Mbps_Ch116(Y)

Communication System: UID 0, WLAN5GHz (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

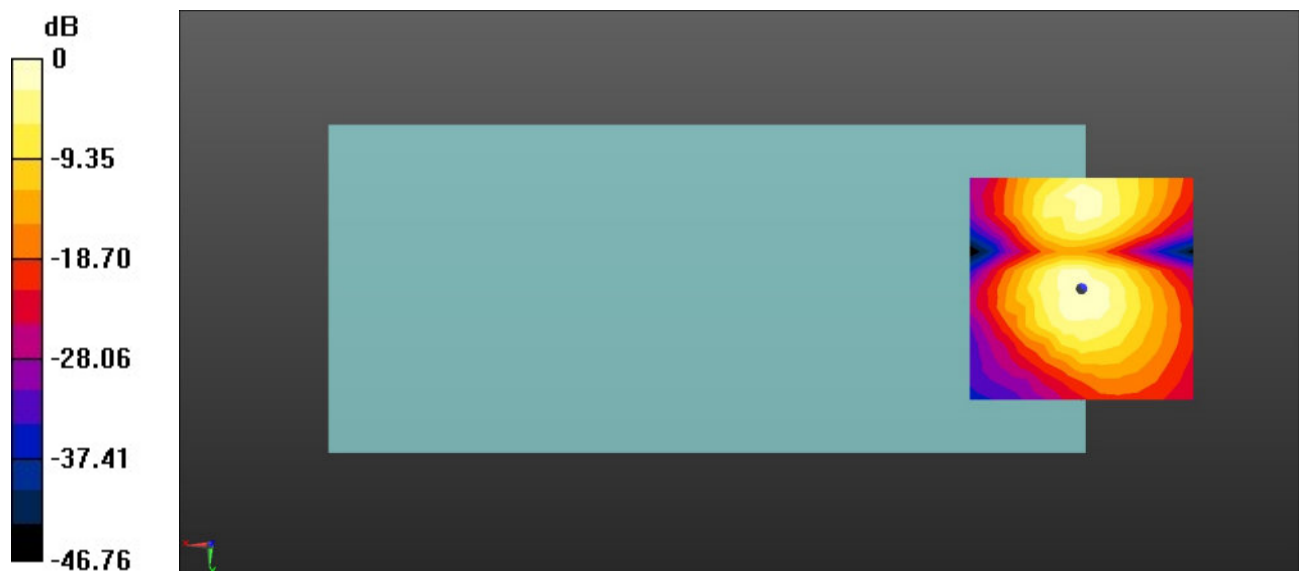
Ch116/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 44.35 dB

ABM1 comp = -7.18 dBA/m

Location: 0, 0, 3.7 mm



0 dB = 165.0 = 44.35 dB

21_HAC T-Coil_WLAN5G_802.11a 6Mbps_Ch157(Z)

Communication System: UID 0, WLAN5GHz (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

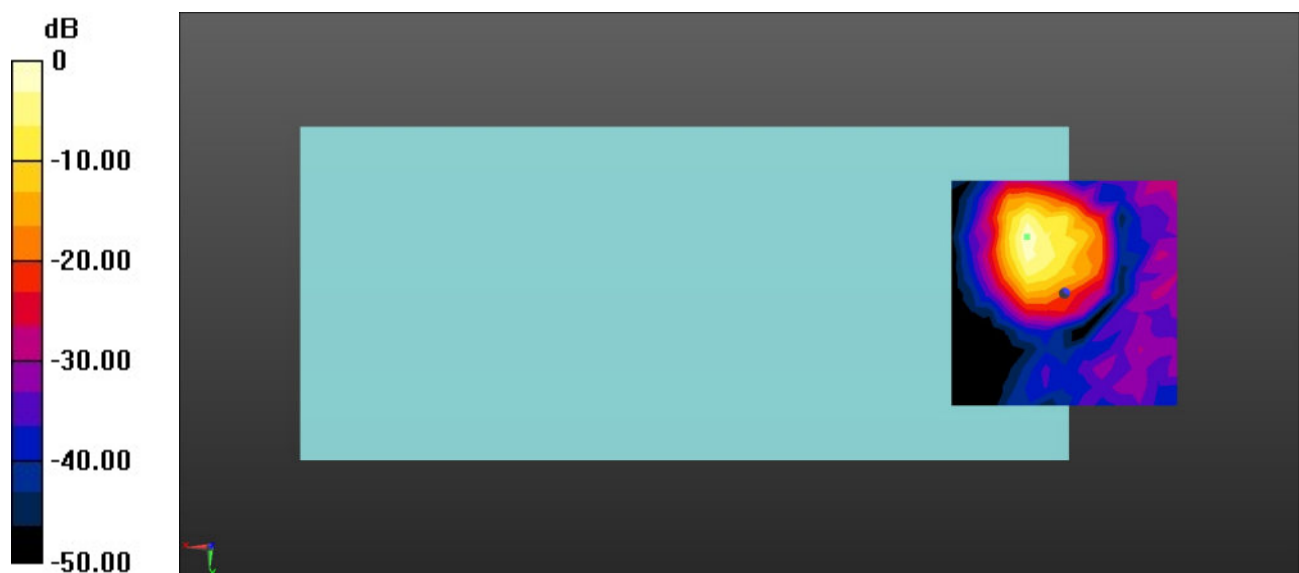
Ch157/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 48.27 dB

ABM1 comp = 2.90 dBA/m

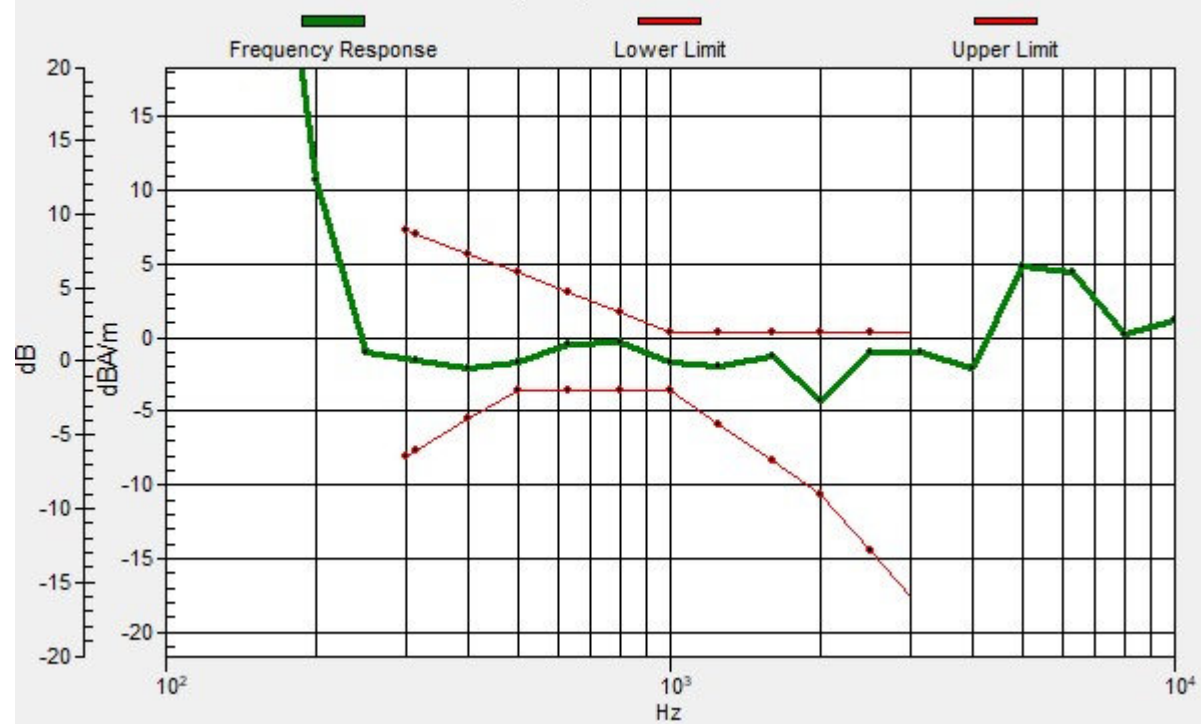
Location: 8.3, -12.5, 3.7 mm



0 dB = 259.1 = 48.27 dB

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

Loc: 8.3, -12.5, 3.7 mm Diff: 1.33dB



21_HAC T-Coil_WLAN5G_802.11a 6Mbps_Ch157(Y)

Communication System: UID 0, WLAN5GHz (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 : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022/1/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1650; Calibrated: 2022/8/5
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

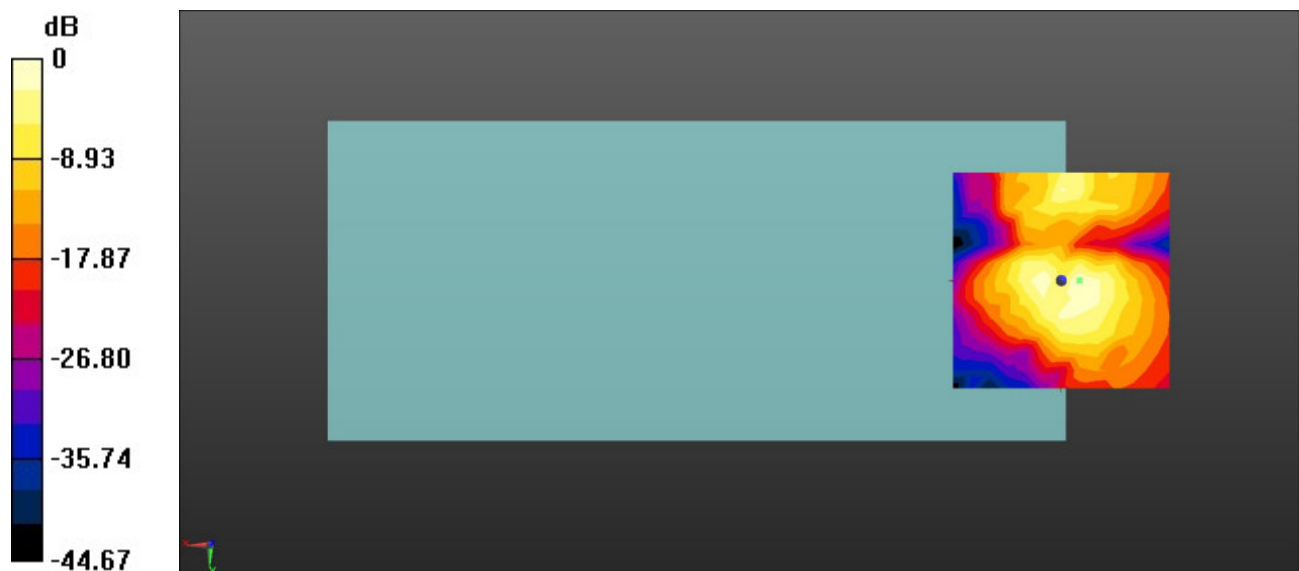
Ch157/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 41.47 dB

ABM1 comp = -10.39 dBA/m

Location: -4.2, 0, 3.7 mm



0 dB = 118.5 = 41.47 dB