

8_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 Sn1303; Calibrated: 2021.6.18

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

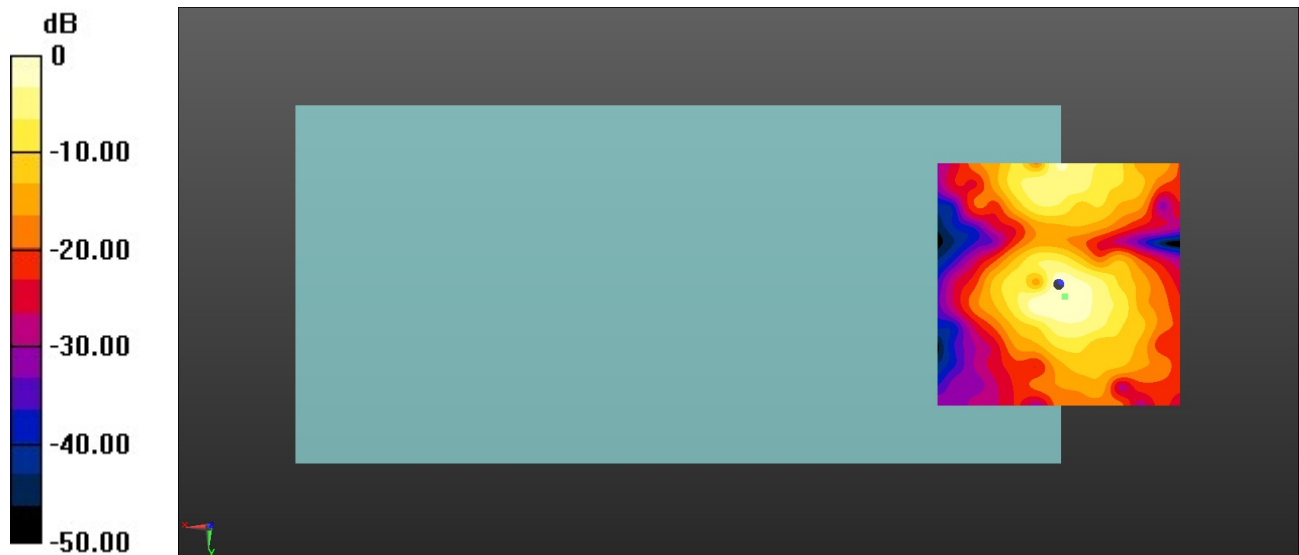
Ch21100/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 44.82 dB

ABM1 comp = -6.22 dBA/m

Location: -1.2, 2.5, 3.7 mm



0 dB = 174.1 = 44.82 dB

9_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 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

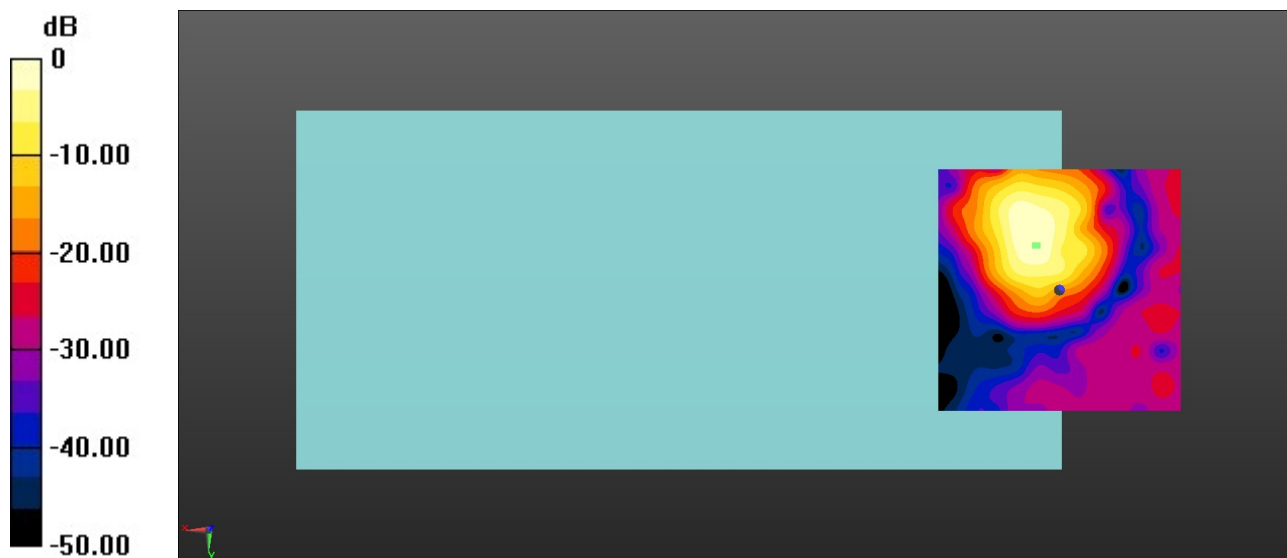
Ch23095/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 48.32 dB

ABM1 comp = 3.88 dBA/m

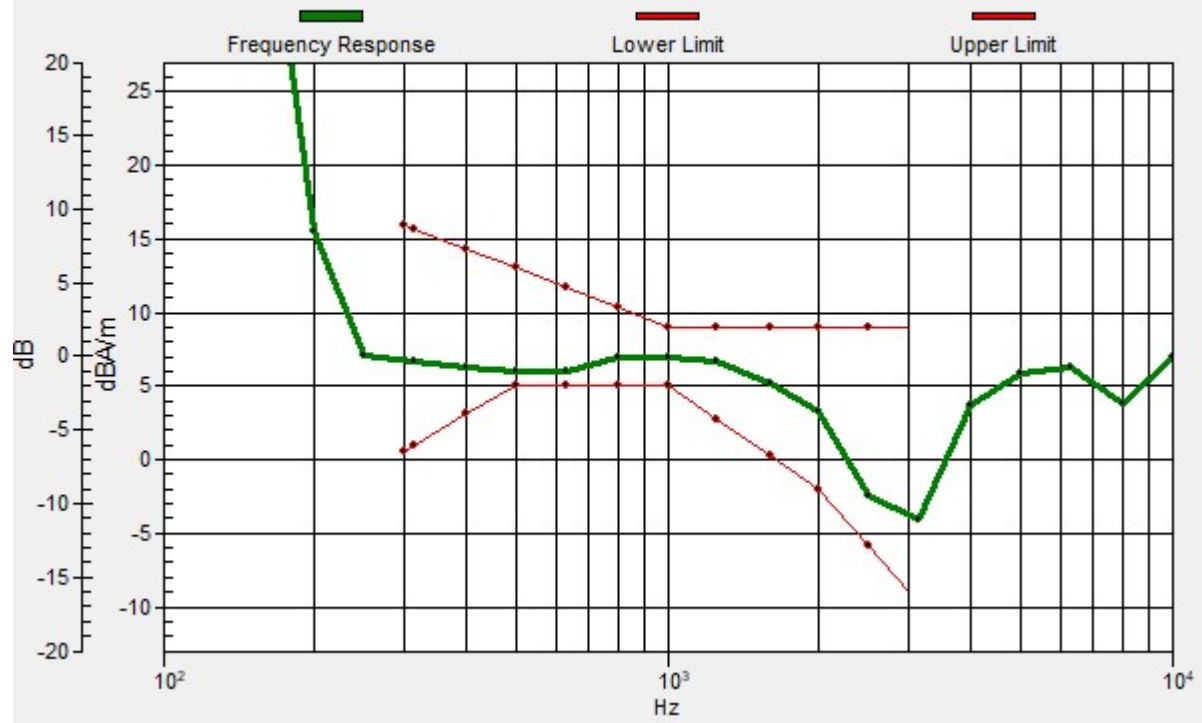
Location: 4.6, -9.2, 3.7 mm



0 dB = 260.6 = 48.32 dB

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

Loc: 5, -9.2, 3.7 mm Diff: 0.93dB



9_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 Sn1303; Calibrated: 2021.6.18

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

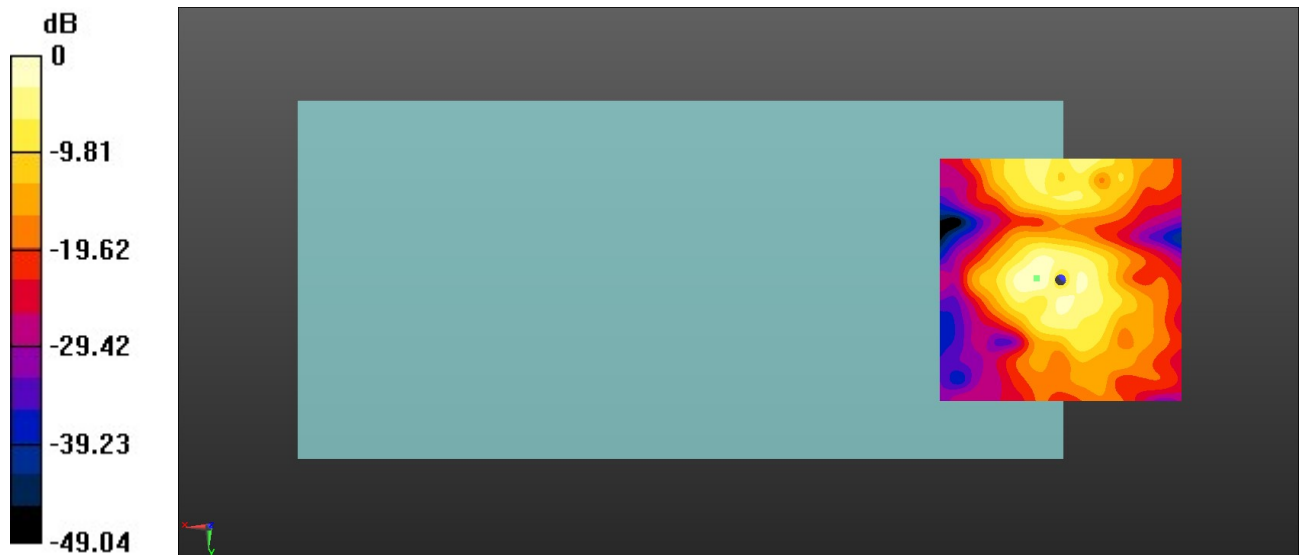
Ch23095/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 45.00 dB

ABM1 comp = -3.69 dBA/m

Location: 5, -0.4, 3.7 mm



0 dB = 177.9 = 45.00 dB

10_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 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

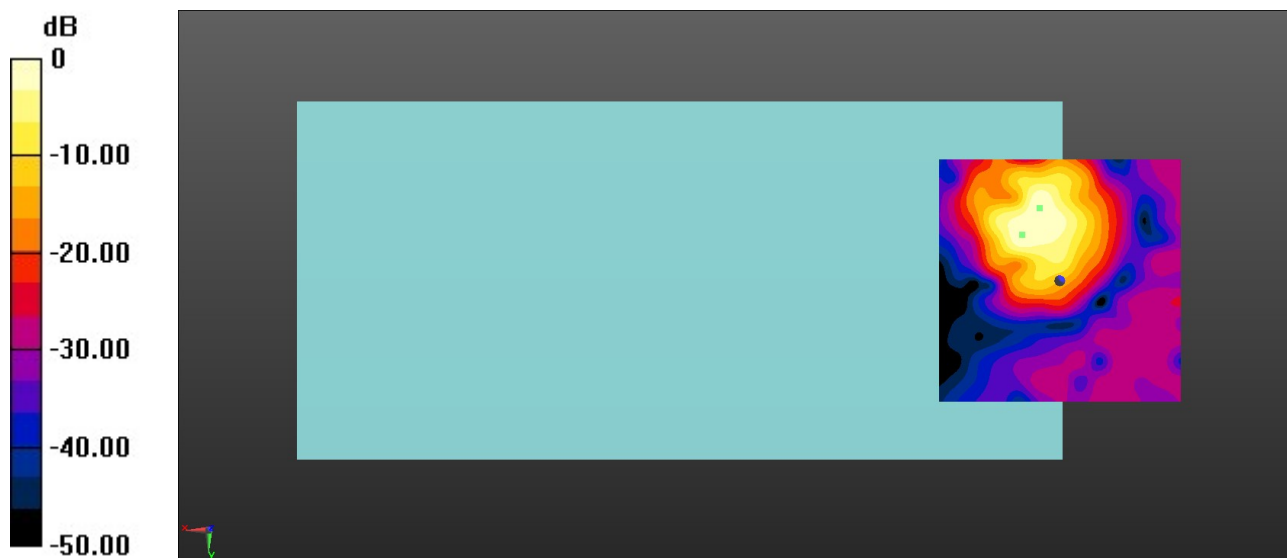
Ch23230/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 49.09 dB

ABM1 comp = 3.60 dBA/m

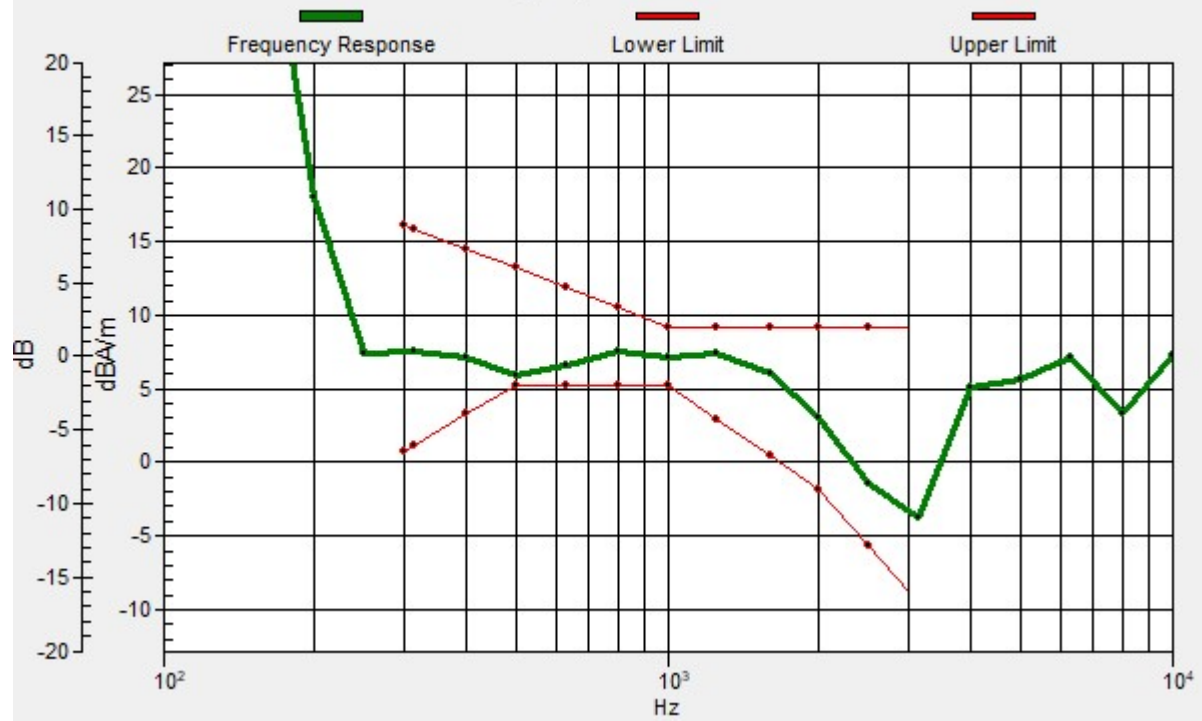
Location: 4.2, -15, 3.7 mm



0 dB = 284.9 = 49.09 dB

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

Loc: 7.7, -9.5, 3.7 mm Diff: 0.65dB



10_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 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

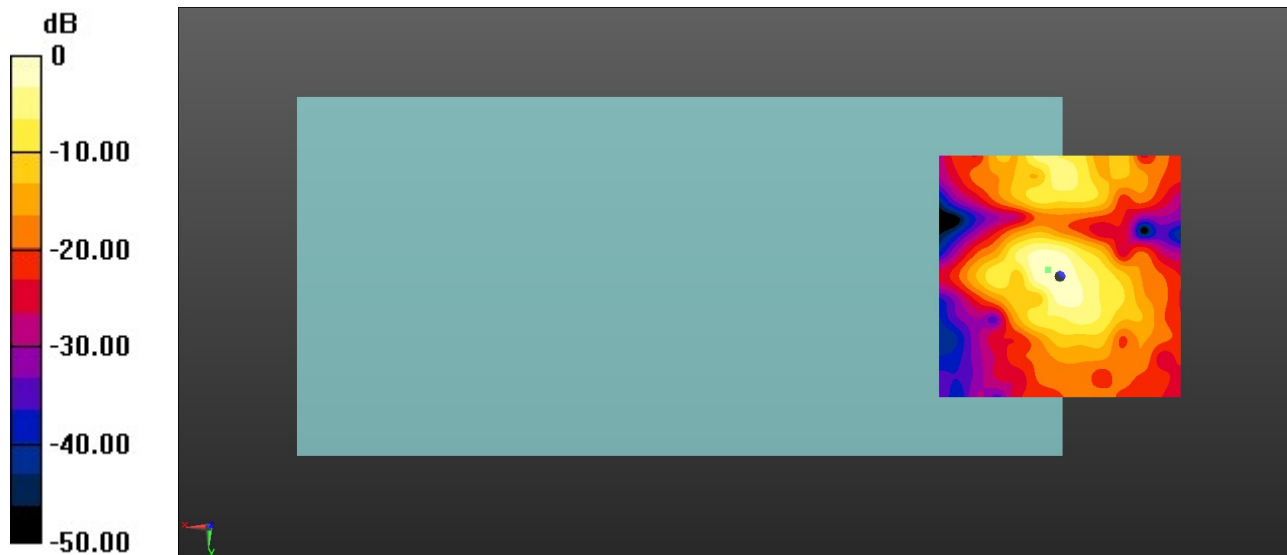
Ch23230/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 45.79 dB

ABM1 comp = -4.25 dBA/m

Location: 2.5, -1.3, 3.7 mm



0 dB = 194.7 = 45.79 dB

11_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 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

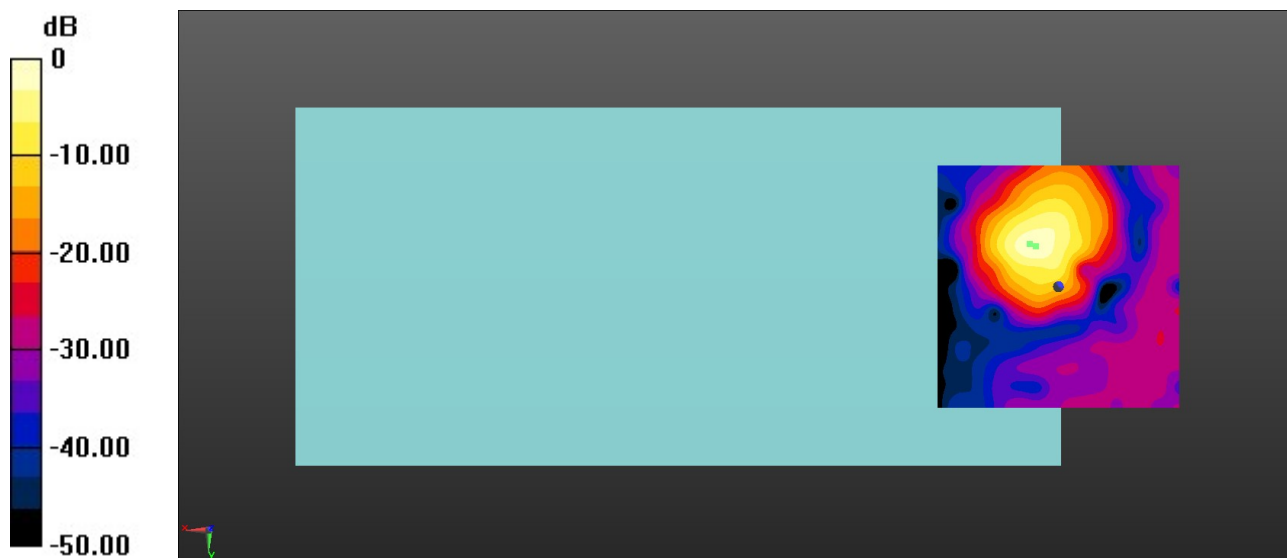
Ch26865/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 48.10 dB

ABM1 comp = 5.31 dBA/m

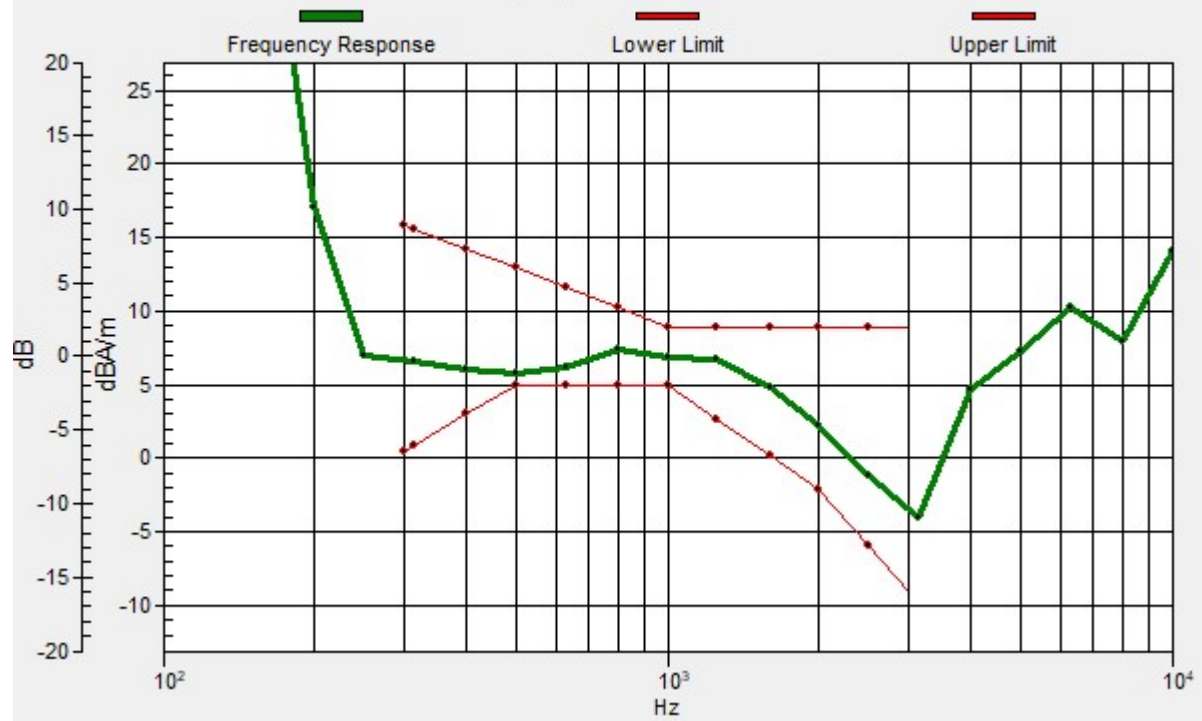
Location: 4.6, -8.3, 3.7 mm



0 dB = 254.2 = 48.10 dB

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

Loc: 6, -8.8, 3.7 mm Diff: 0.84dB



11_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 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

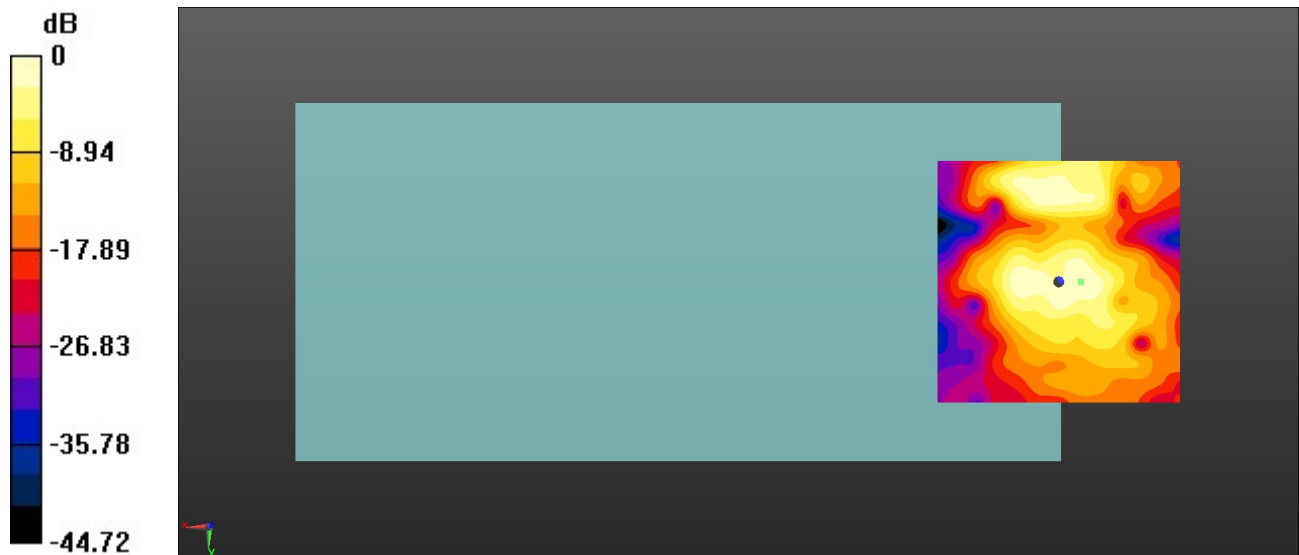
Ch26865/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 39.96 dB

ABM1 comp = -9.88 dBA/m

Location: -4.6, 0, 3.7 mm



0 dB = 99.54 = 39.96 dB

12_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 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

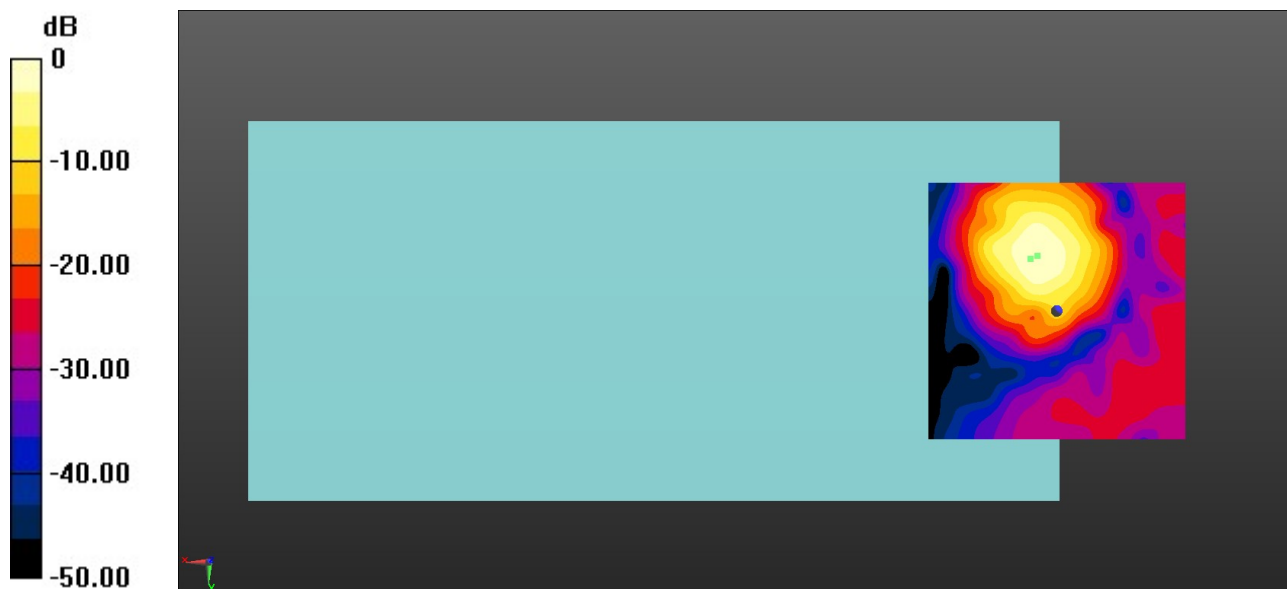
Ch132322/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 43.95 dB

ABM1 comp = 0.08 dBA/m

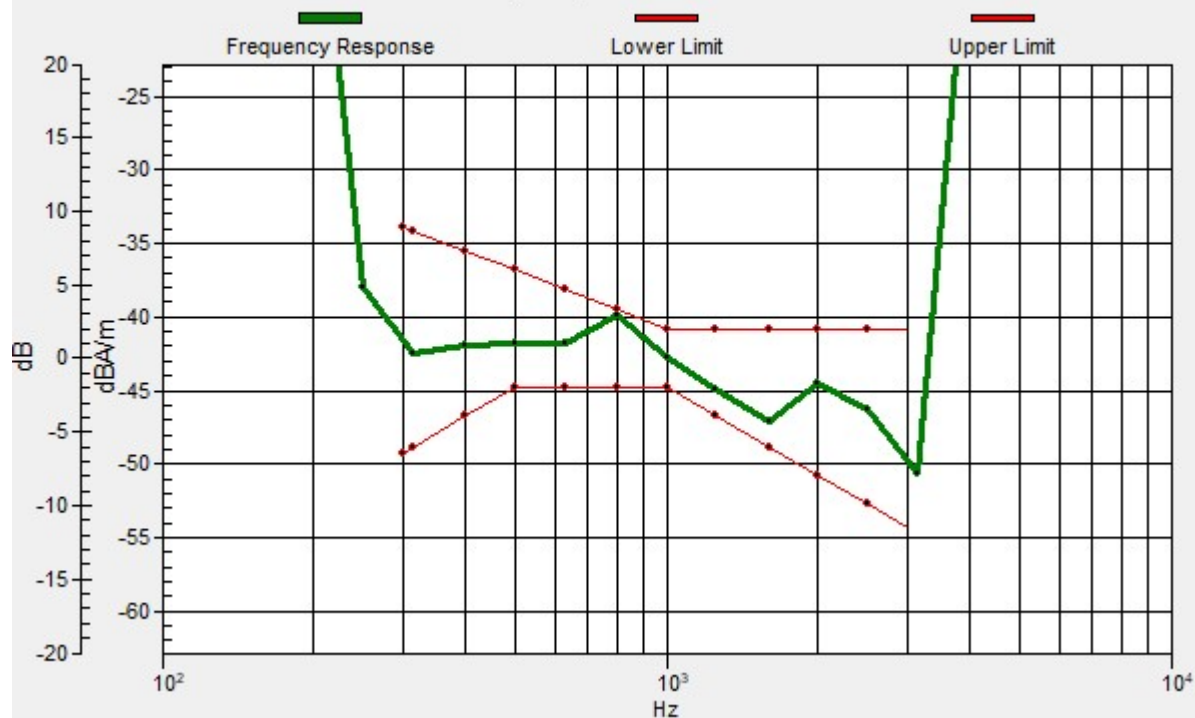
Location: 3.8, -10.8, 3.7 mm



0 dB = 157.5 = 43.95 dB

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

Loc: 5.1, -10.2, 3.7 mm Diff: 0.39dB



12_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 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

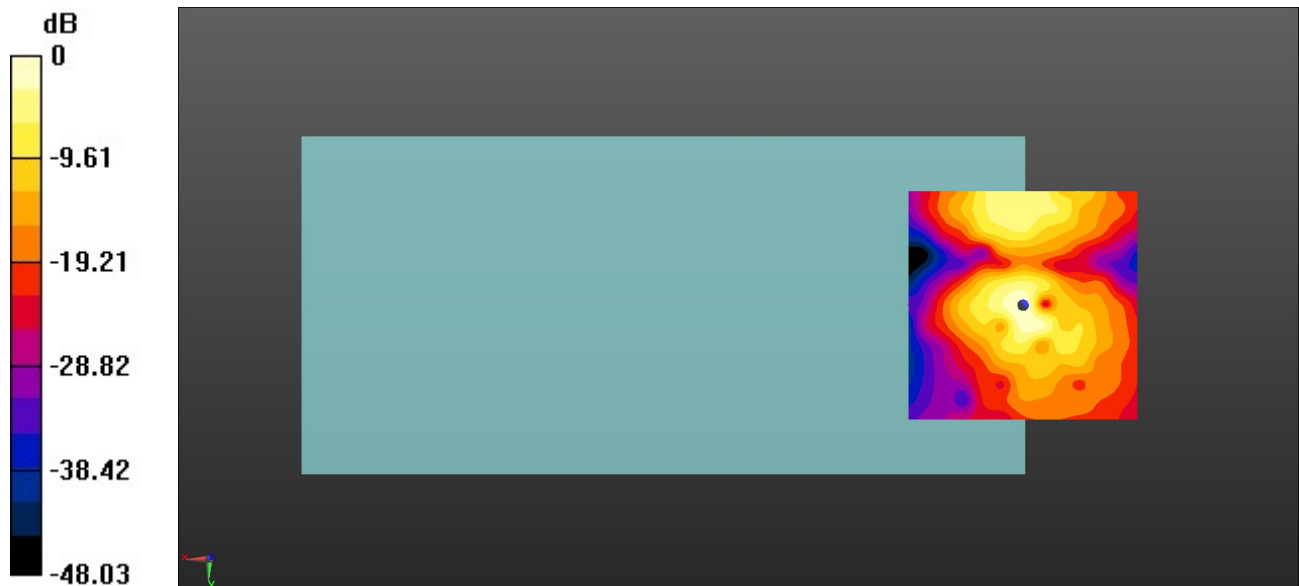
Ch132322/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 42.13 dB

ABM1 comp = -8.66 dBA/m

Location: 0.4, 0.4, 3.7 mm



0 dB = 127.8 = 42.13 dB

13_HAC T-Coil_LTE Band 41_20M_16QAM_1RB_0Offset_Ch40620(Z)

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

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022.1.26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

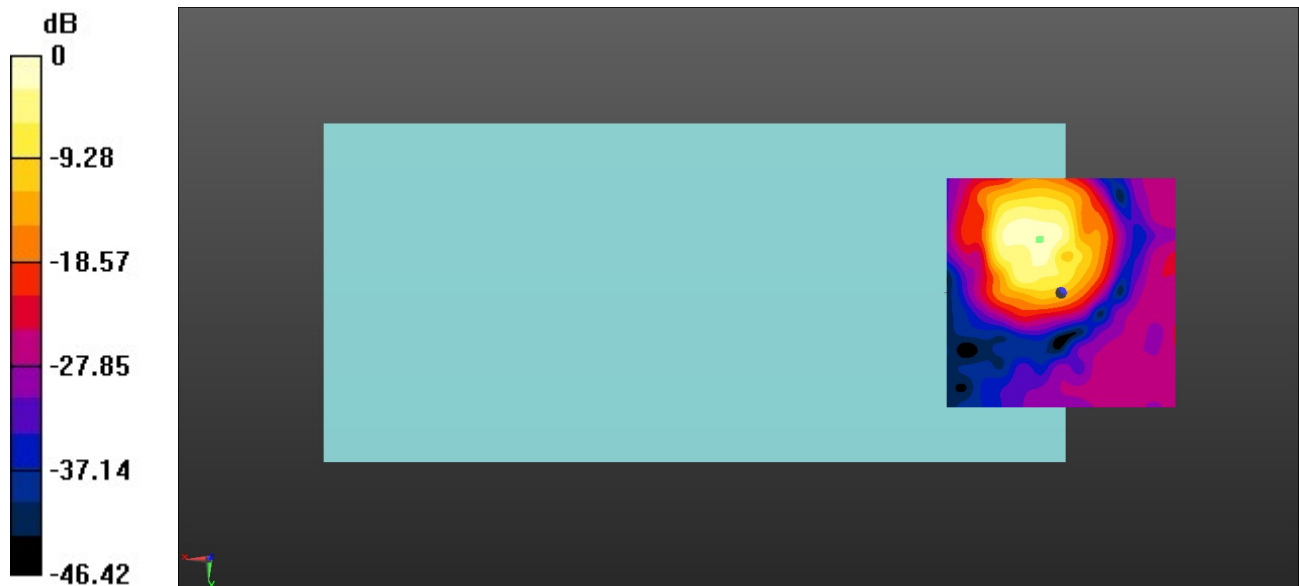
Ch40620/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 34.66 dB

ABM1 comp = 0.69 dBA/m

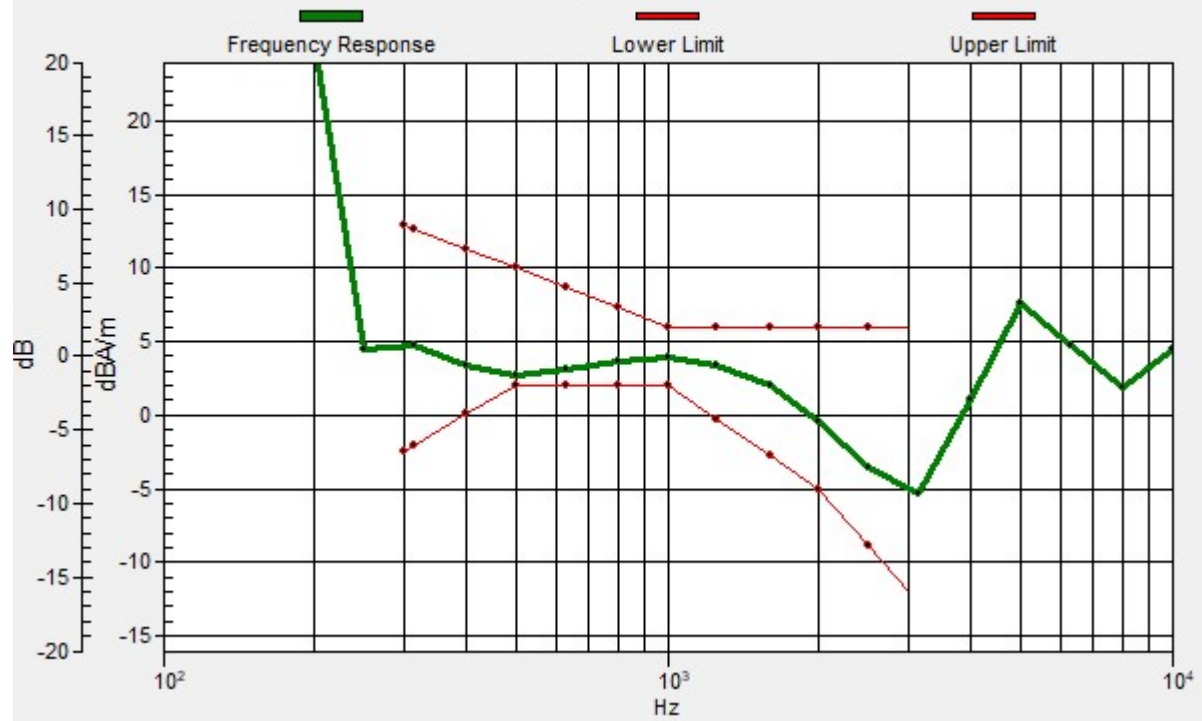
Location: 4.6, -11.7, 3.7 mm



0 dB = 54.08 = 34.66 dB

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

Loc: 4.8, -11.6, 3.7 mm Diff: 0.65dB



13_HAC T-Coil_LTE Band 41_20M_16QAM_1RB_0Offset_Ch40620(Y)

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

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022.1.26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

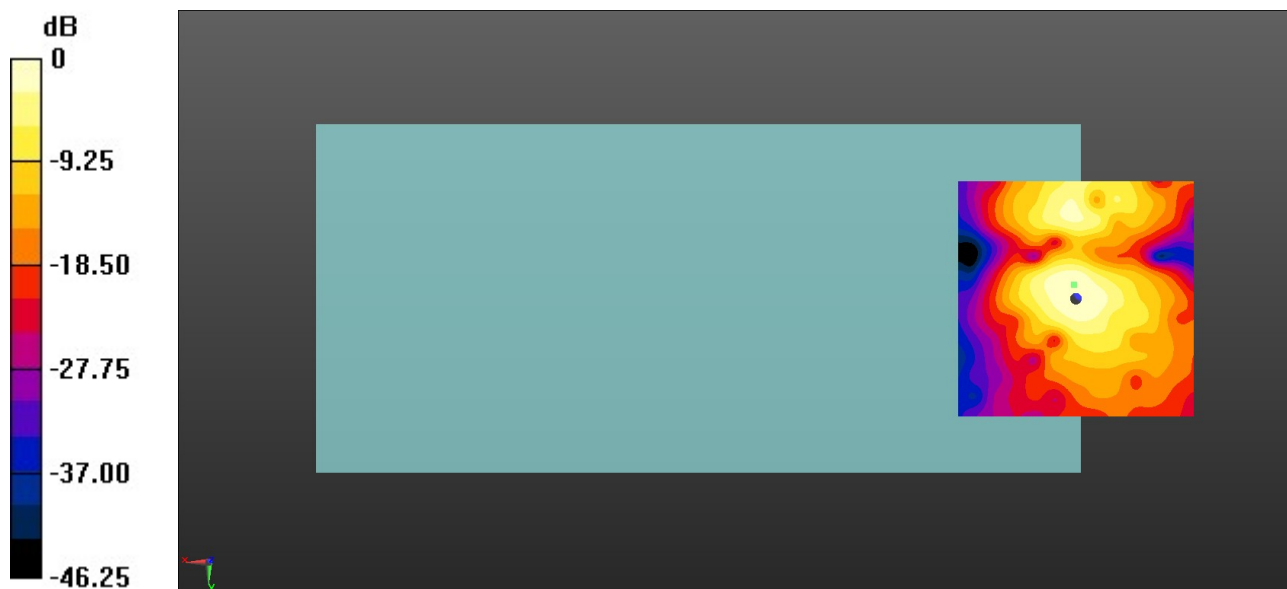
Ch40620/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 38.82 dB

ABM1 comp = -9.12 dBA/m

Location: 0.4, -2.9, 3.7 mm



0 dB = 87.27 = 38.82 dB

14_HAC T-Coil_LTE Band 42_20M_16QAM_1RB_0Offset_Ch42590(Z)

Communication System: UID 0, LTE-TDD (0); Frequency: 3500 MHz;Duty Cycle: 1:1.59

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022.1.26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

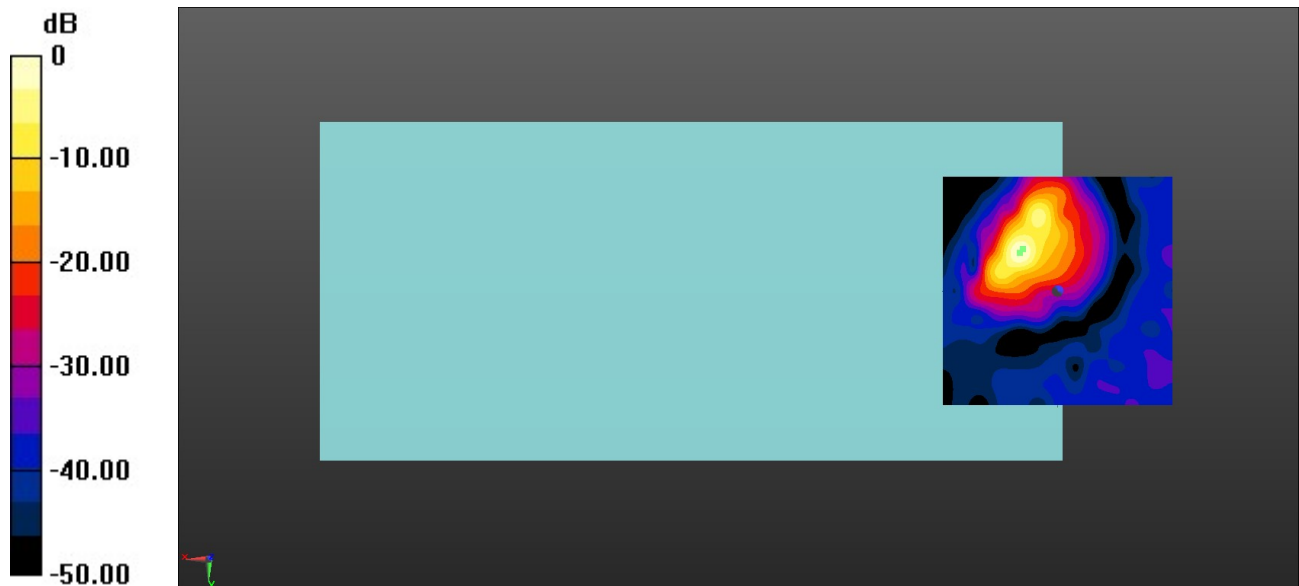
Ch42590/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 36.07 dB

ABM1 comp = 1.29 dBA/m

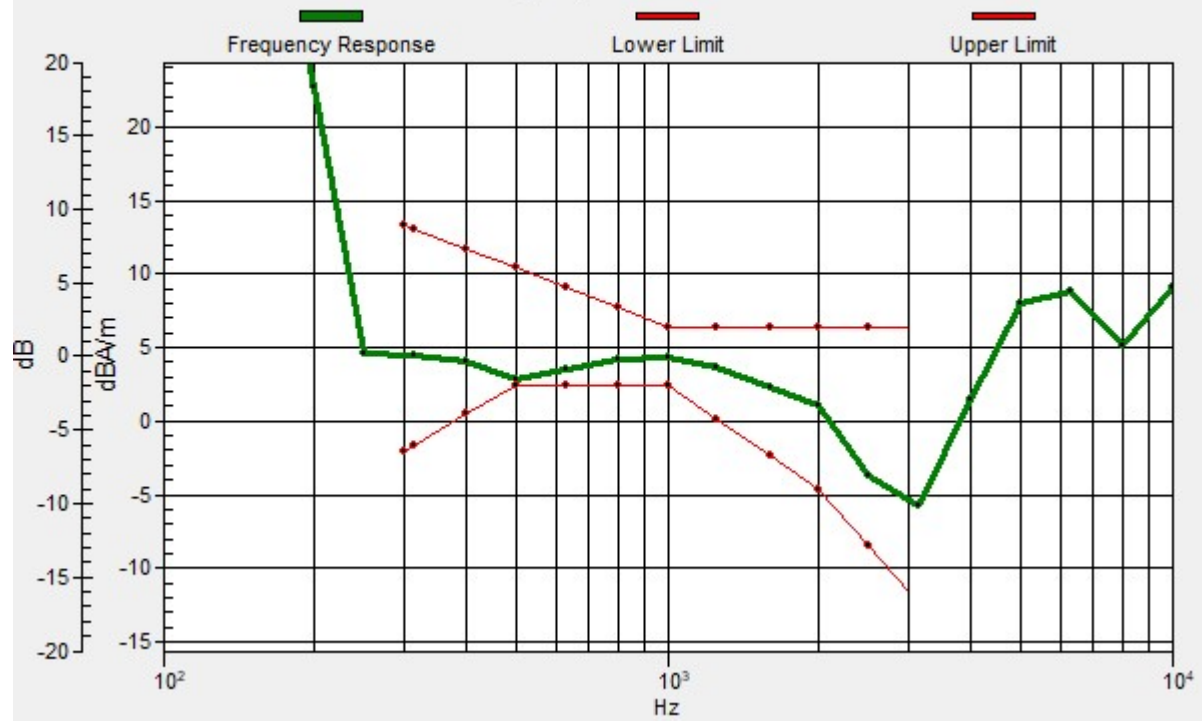
Location: 8.3, -8.3, 3.7 mm



0 dB = 63.60 = 36.07 dB

Ch42590/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)

Loc: 7.6, -9.2, 3.7 mm Diff: 0.45dB



14_HAC T-Coil_LTE Band 42_20M_16QAM_1RB_0Offset_Ch42590(Y)

Communication System: UID 0, LTE-TDD (0); Frequency: 3500 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.3 °C;

DASY5 Configuration:

- Probe: AM1DV3 - 3093; Calibrated: 2022.1.26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

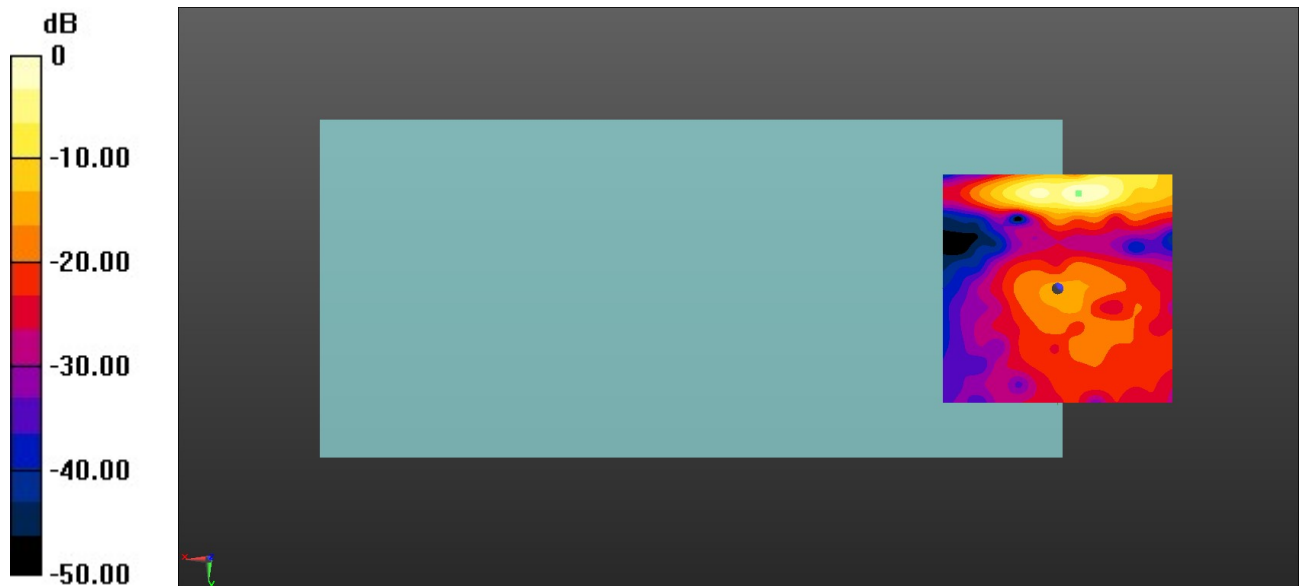
Ch42590/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 31.25 dB

ABM1 comp = -13.80 dBA/m

Location: -4.6, -20.8, 3.7 mm



0 dB = 36.52 = 31.25 dB

15_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 Sn1303; Calibrated: 2021.6.18

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

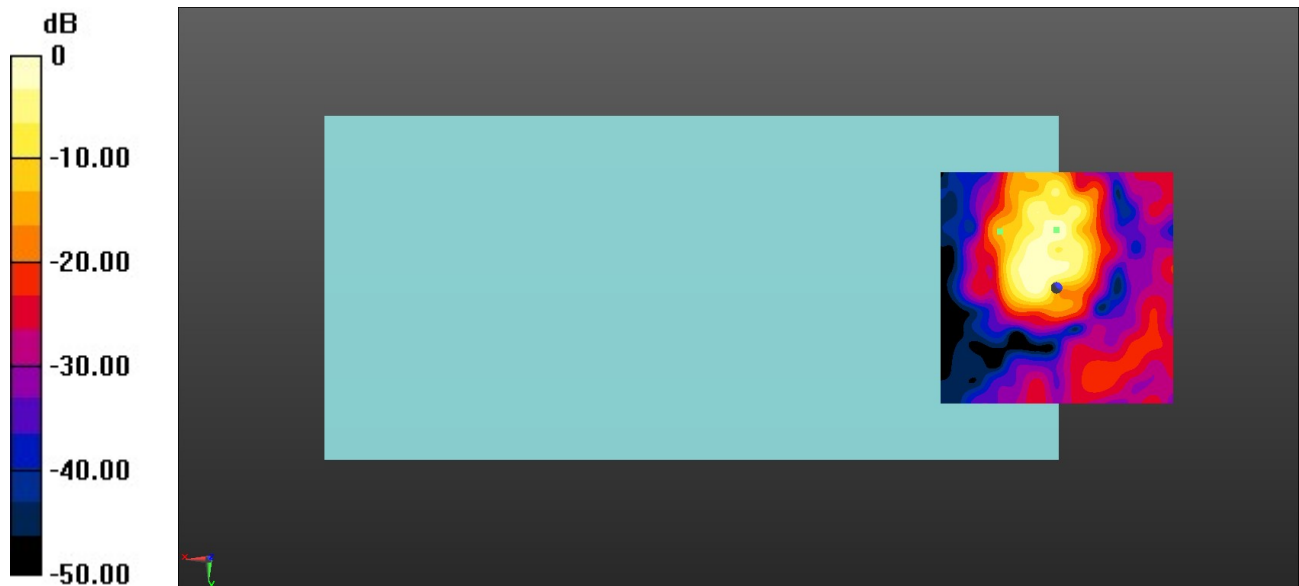
Ch6/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 46.16 dB

ABM1 comp = -2.59 dBA/m

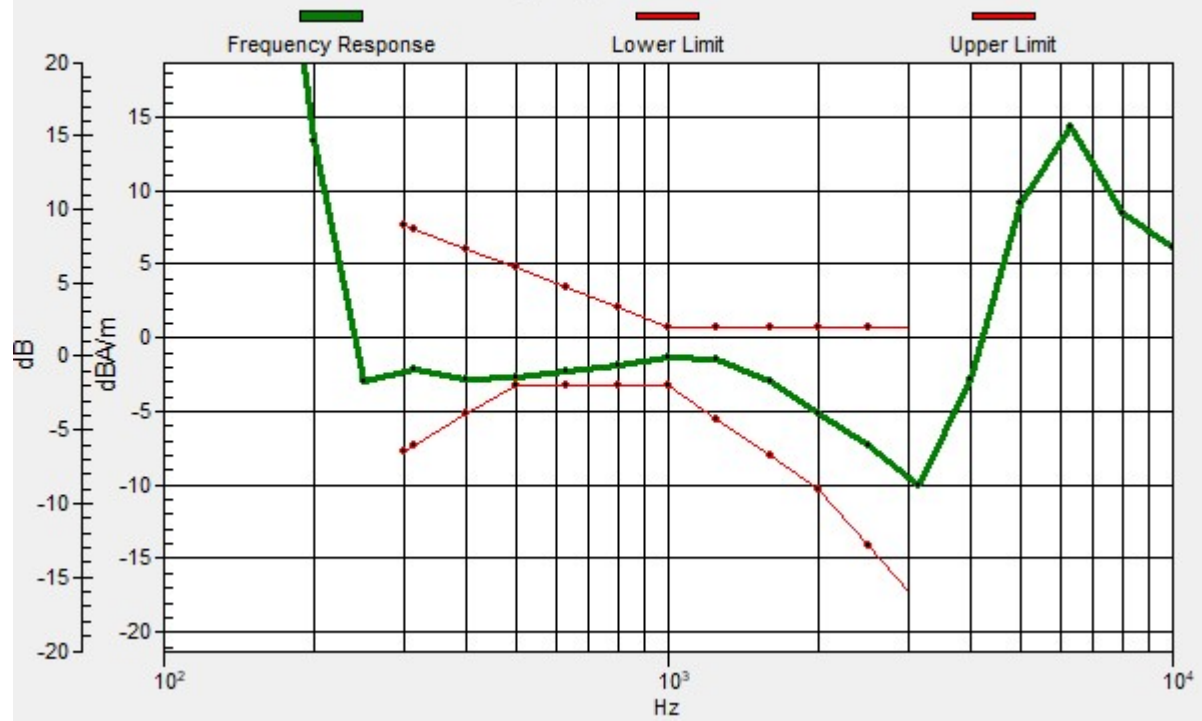
Location: 0, -12.5, 3.7 mm



0 dB = 203.2 = 46.16 dB

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

Loc: 12.2, -12.2, 3.7 mm Diff: 0.54dB



15_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 Sn1303; Calibrated: 2021.6.18

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

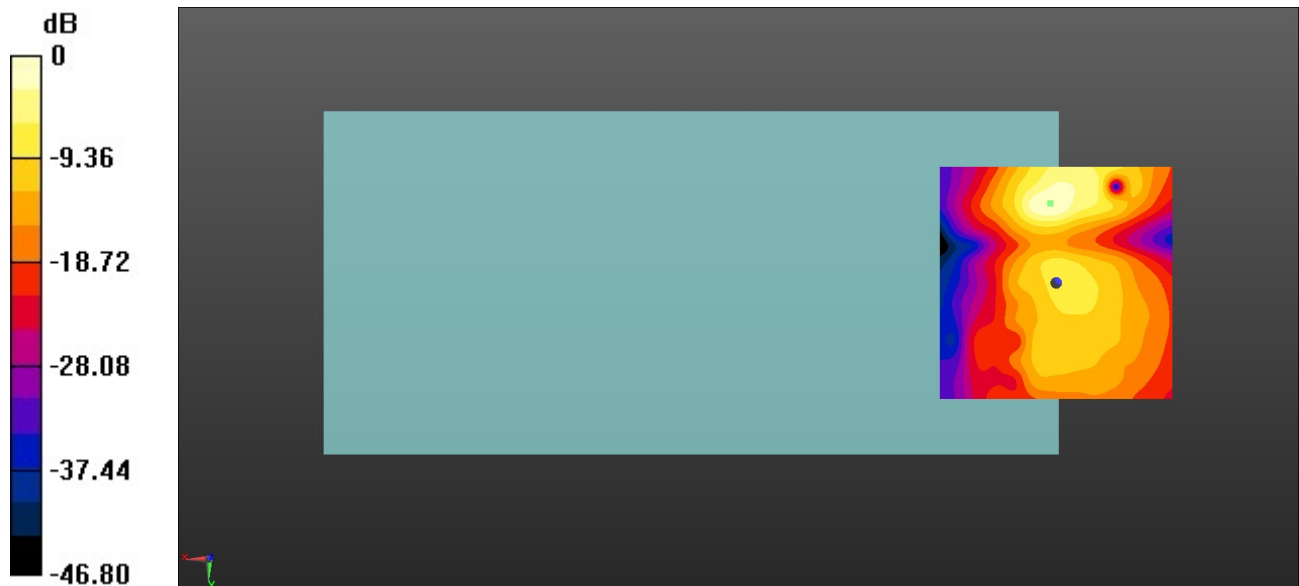
Ch6/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 41.65 dB

ABM1 comp = -7.82 dBA/m

Location: 1.3, -17.1, 3.7 mm



0 dB = 120.9 = 41.65 dB

16_HAC_T-Coil_WLAN 5GHz_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 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

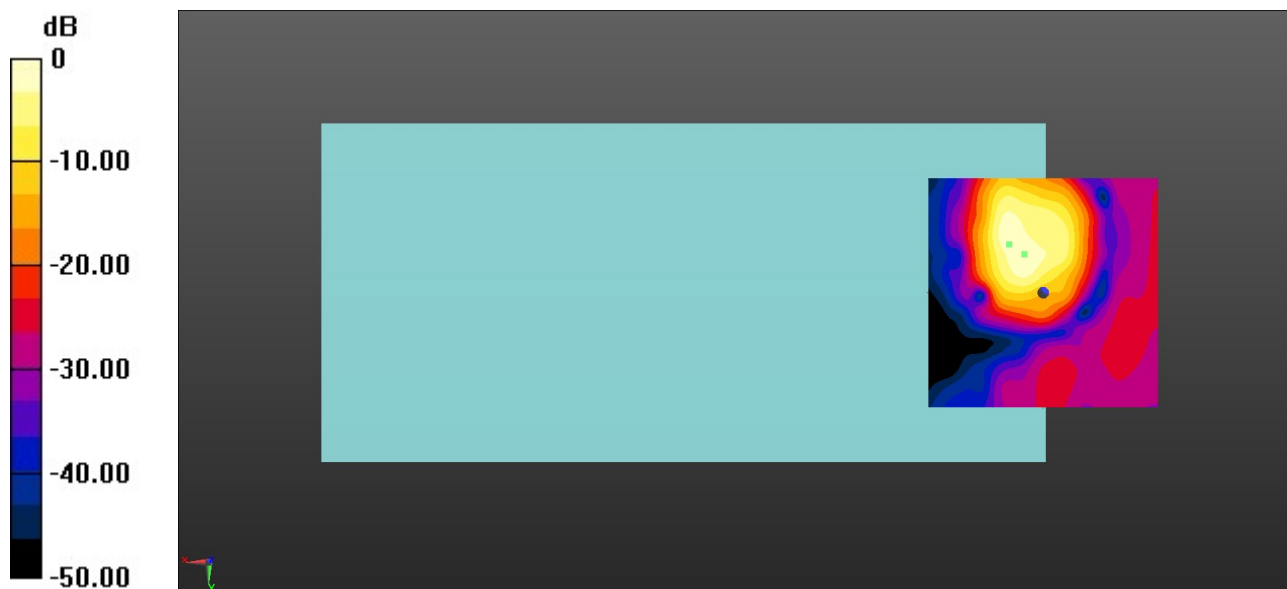
Ch40/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 48.14 dB

ABM1 comp = -0.02 dBA/m

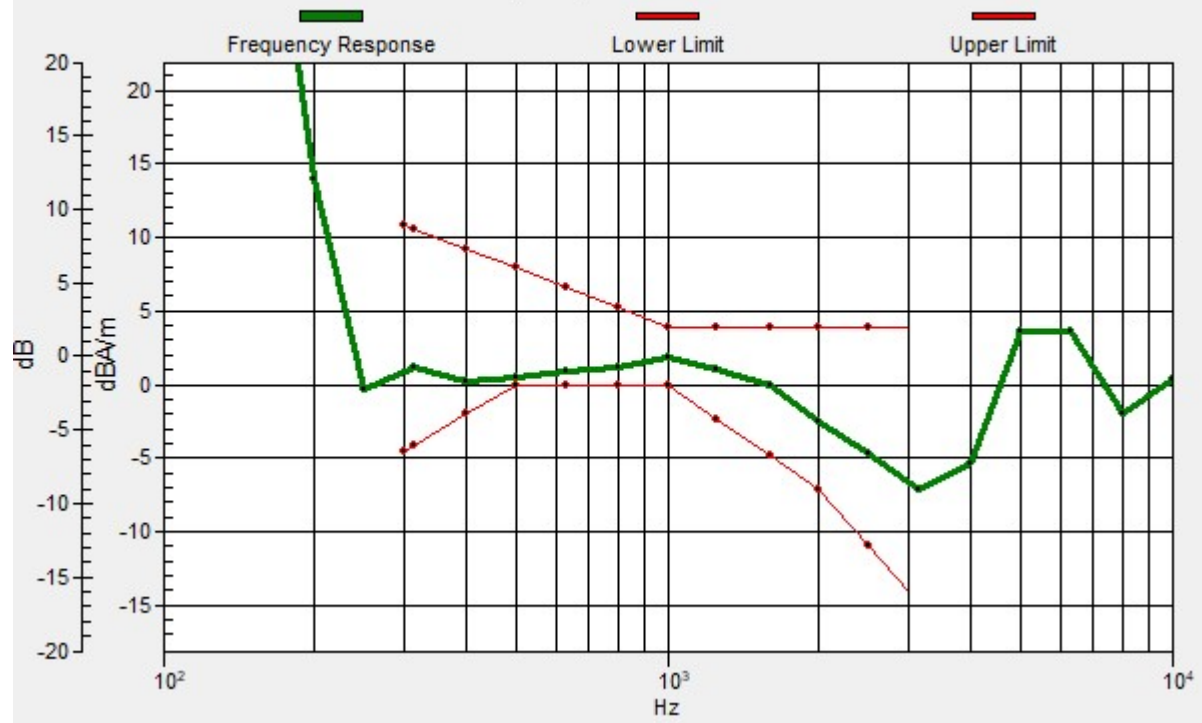
Location: 4.2, -8.3, 3.7 mm



0 dB = 255.4 = 48.14 dB

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

Loc: 7.4, -10.6, 3.7 mm Diff: 0.61dB



16_HAC_T-Coil_WLAN 5GHz_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 Sn1303; Calibrated: 2021.6.18

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

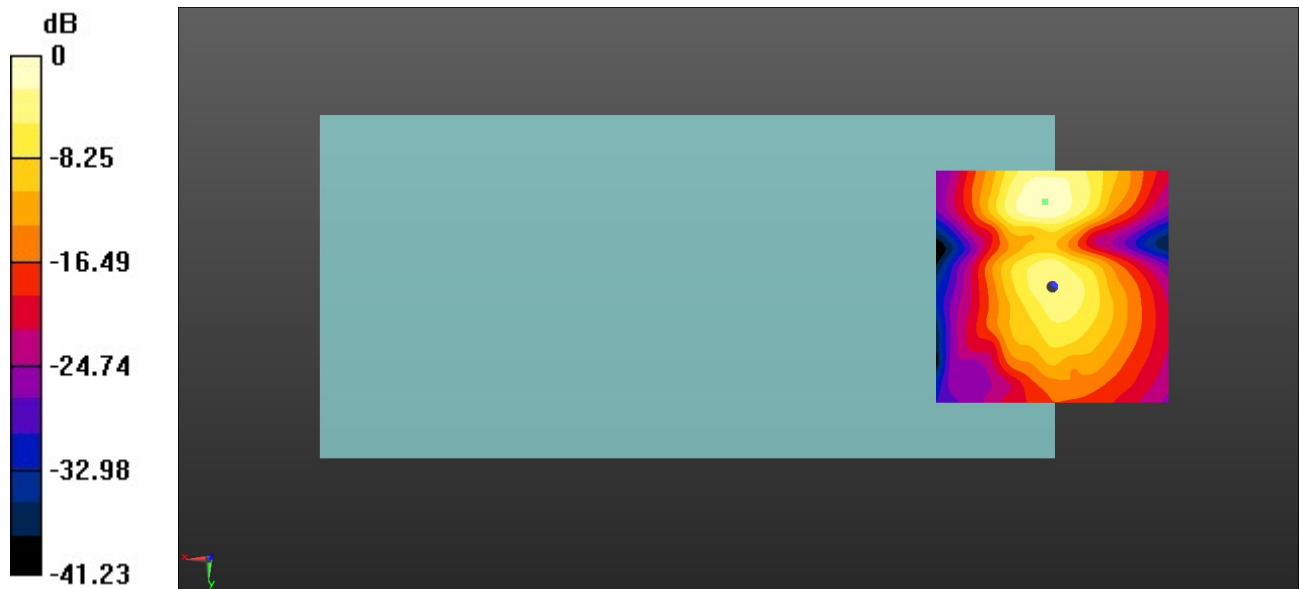
Ch40/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 42.72 dB

ABM1 comp = -9.21 dBA/m

Location: 1.7, -18.3, 3.7 mm



0 dB = 136.7 = 42.72 dB

17_HAC_T-Coil_WLAN 5GHz_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 Sn1303; Calibrated: 2021.6.18

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

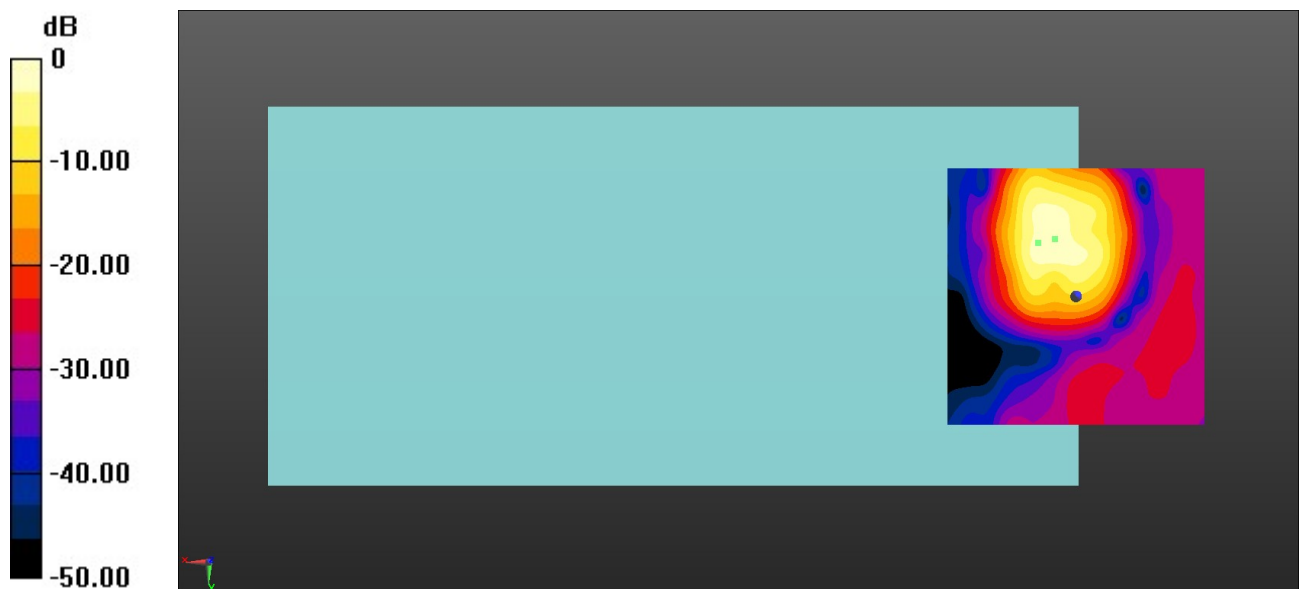
Ch60/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 47.84 dB

ABM1 comp = 0.45 dBA/m

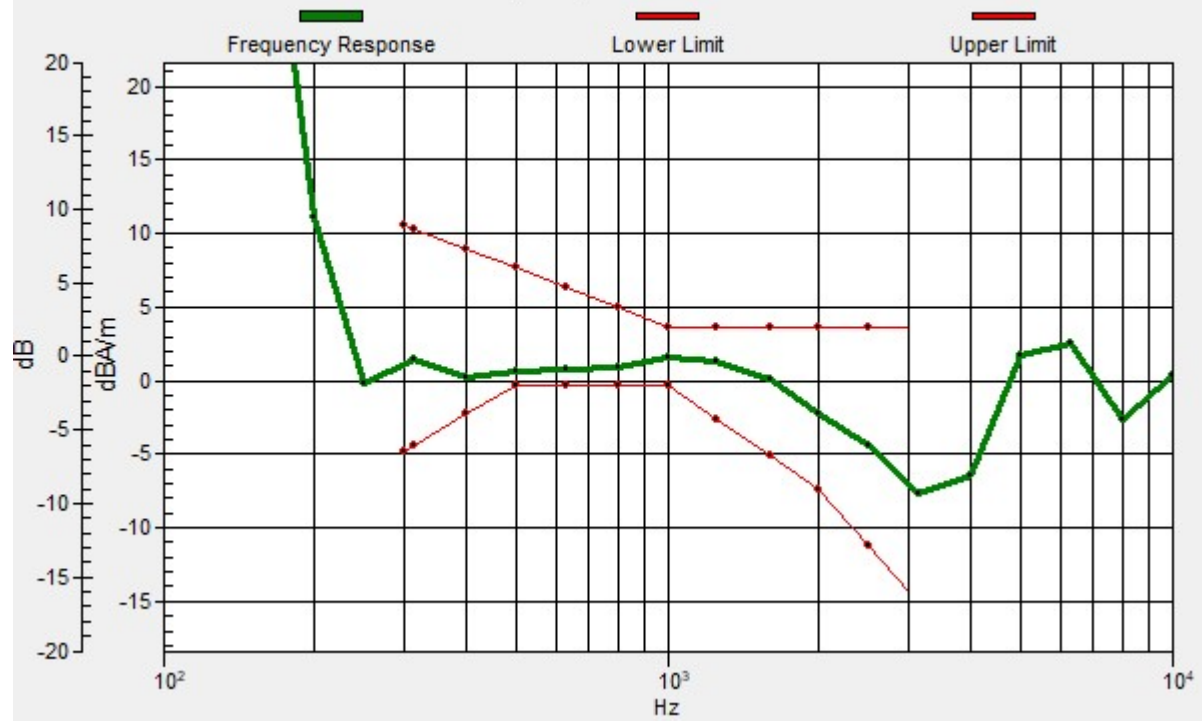
Location: 4.2, -11.3, 3.7 mm



0 dB = 246.7 = 47.84 dB

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

Loc: 7.4, -10.5, 3.7 mm Diff: 1.04dB



17_HAC_T-Coil_WLAN 5GHz_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 Sn1303; Calibrated: 2021.6.18

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

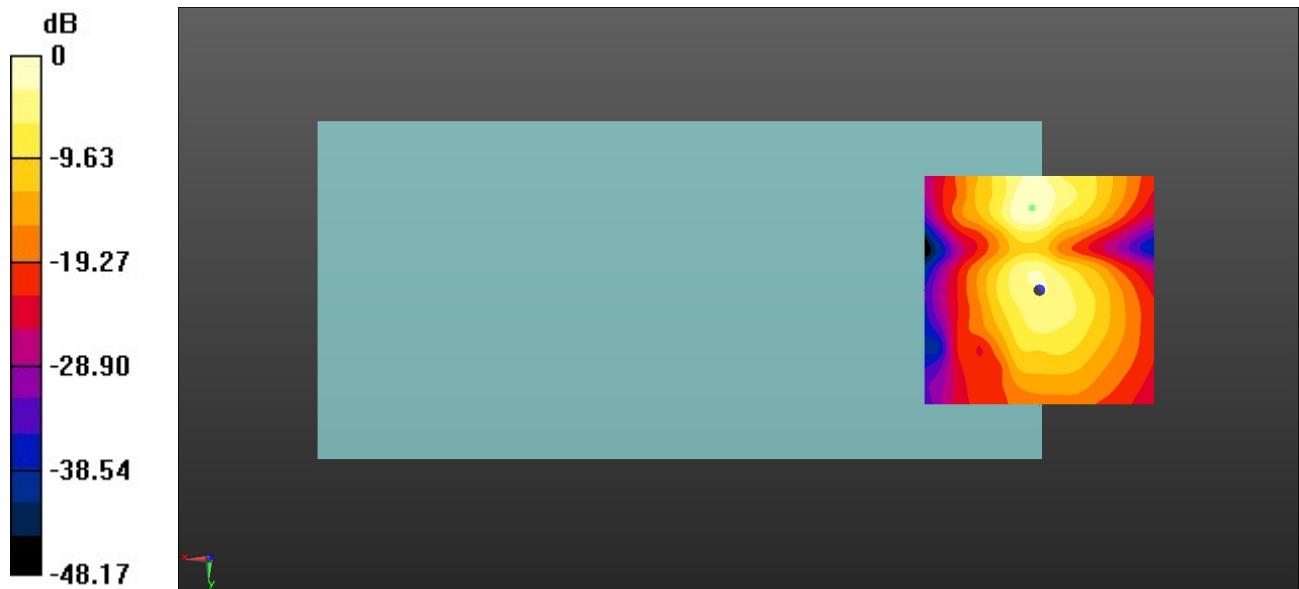
Ch60/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 42.51 dB

ABM1 comp = -9.28 dBA/m

Location: 1.7, -17.9, 3.7 mm



0 dB = 133.5 = 42.51 dB

18_HAC_T-Coil_WLAN 5GHz_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 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

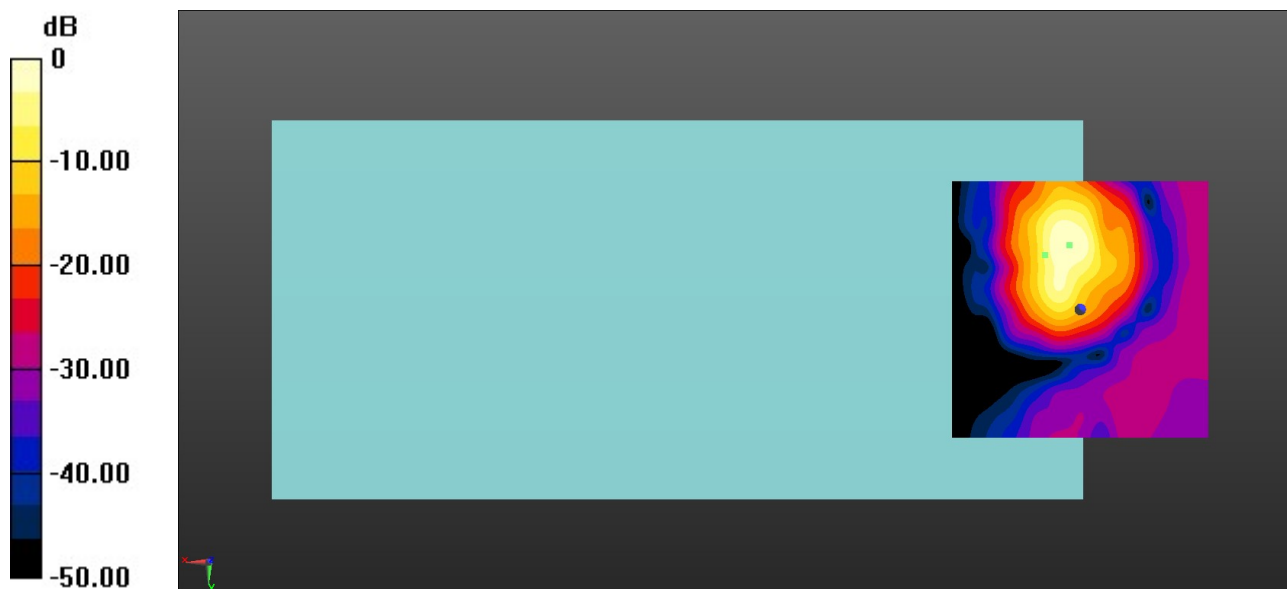
Ch116/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 50.39 dB

ABM1 comp = -1.17 dBA/m

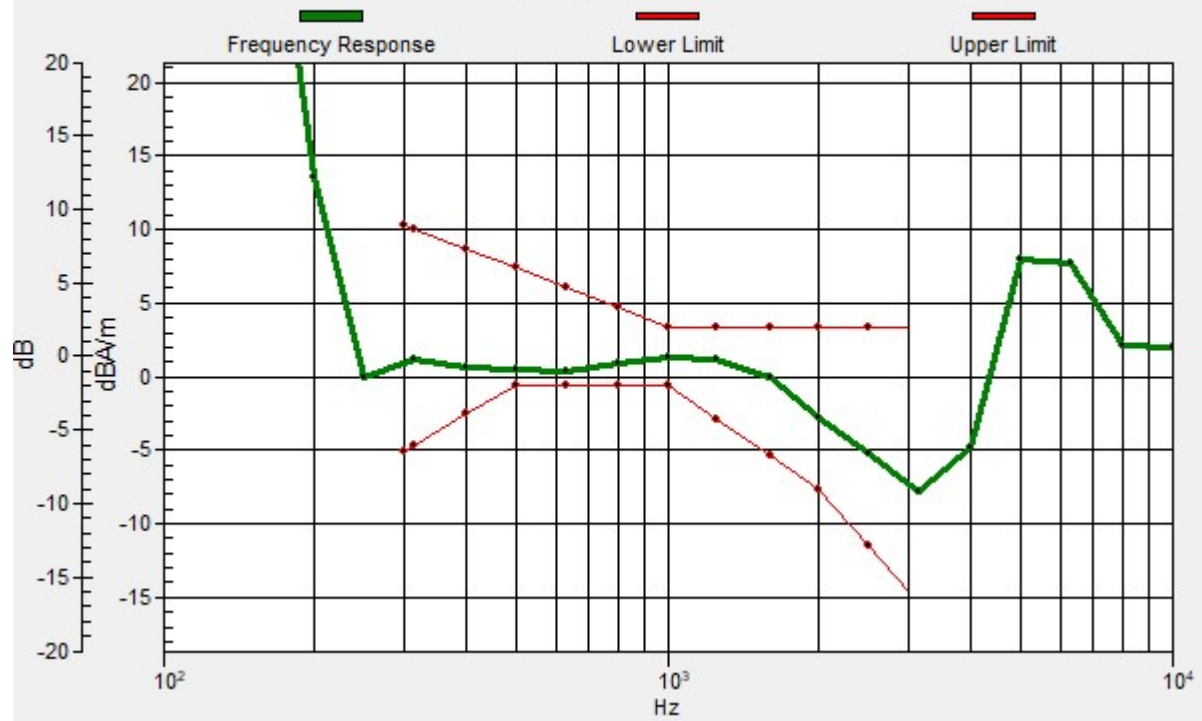
Location: 2.1, -12.5, 3.7 mm



0 dB = 330.9 = 50.39 dB

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

Loc: 6.9, -10.7, 3.7 mm Diff: 1.01dB



18_HAC_T-Coil_WLAN 5GHz_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 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

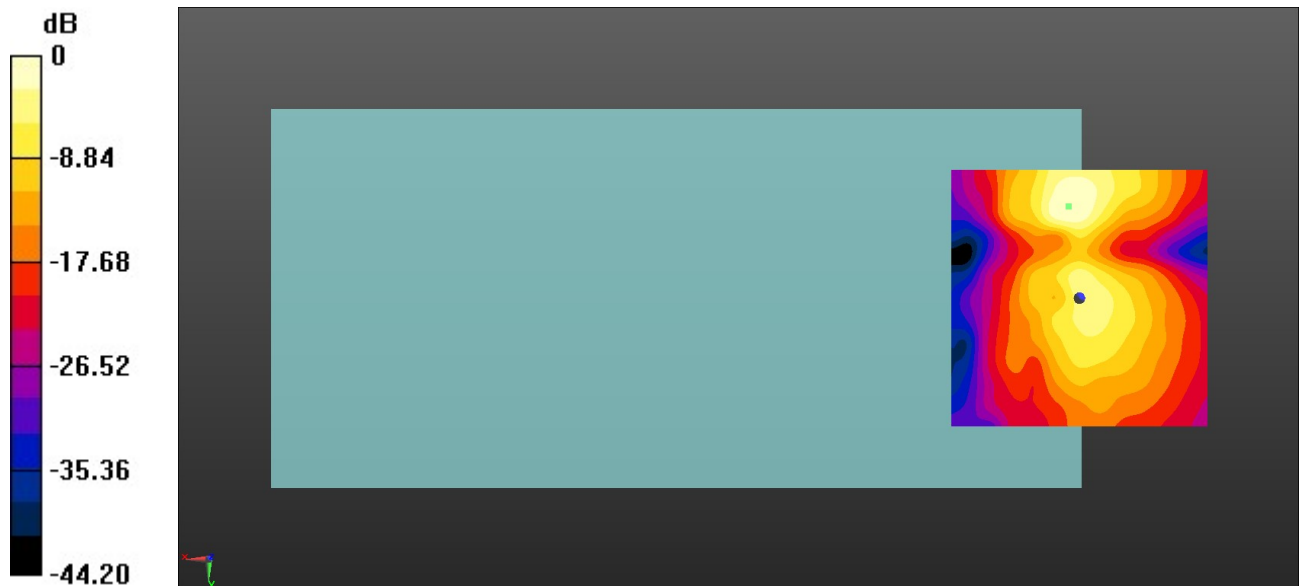
Ch116/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 42.63 dB

ABM1 comp = -8.92 dBA/m

Location: 2.1, -17.9, 3.7 mm



0 dB = 135.4 = 42.63 dB

19_HAC_T-Coil_WLAN 5GHz_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 Sn1303; Calibrated: 2021.6.18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

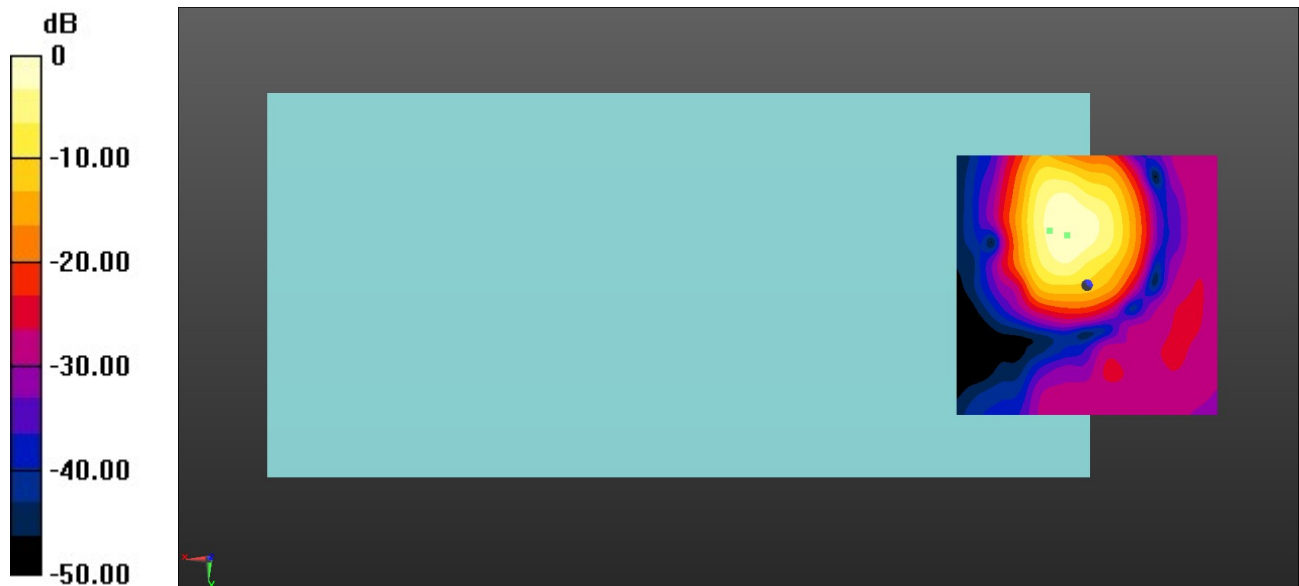
Ch157/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolatedgrid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 48.55 dB

ABM1 comp = 0.23 dBA/m

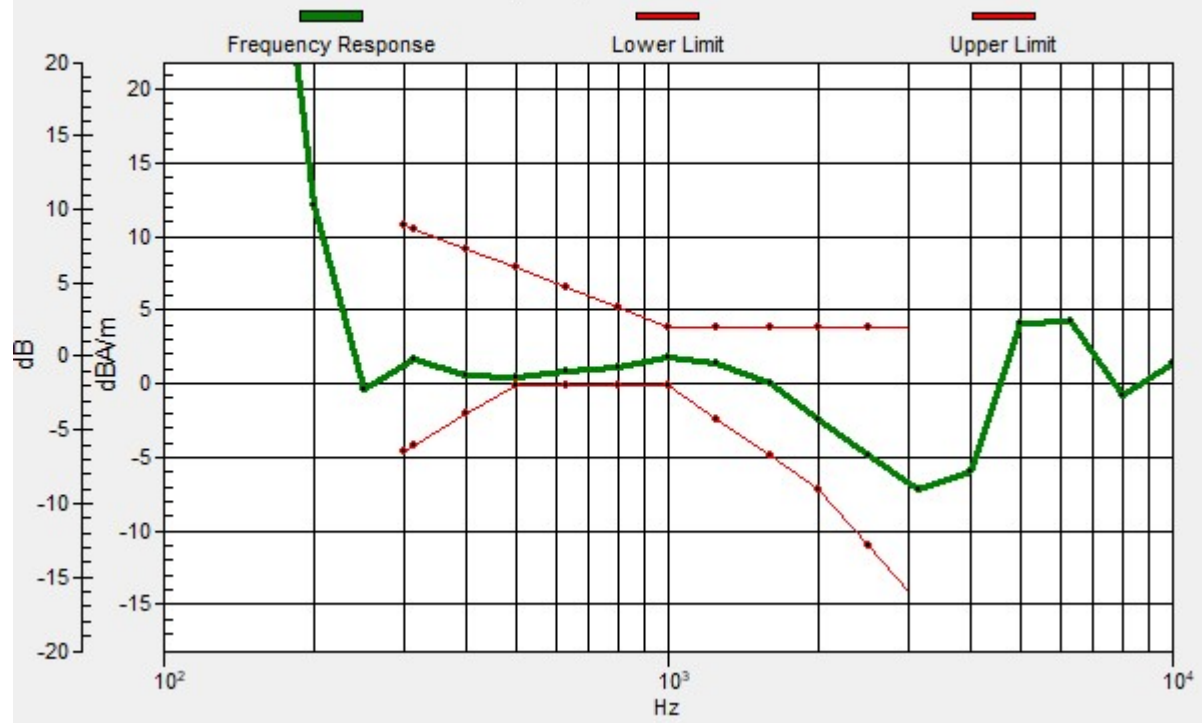
Location: 3.8, -9.6, 3.7 mm



0 dB = 267.7 = 48.55 dB

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

Loc: 7.1, -10.4, 3.7 mm Diff: 0.62dB



19_HAC_T-Coil_WLAN 5GHz_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 Sn1303; Calibrated: 2021.6.18

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA

- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

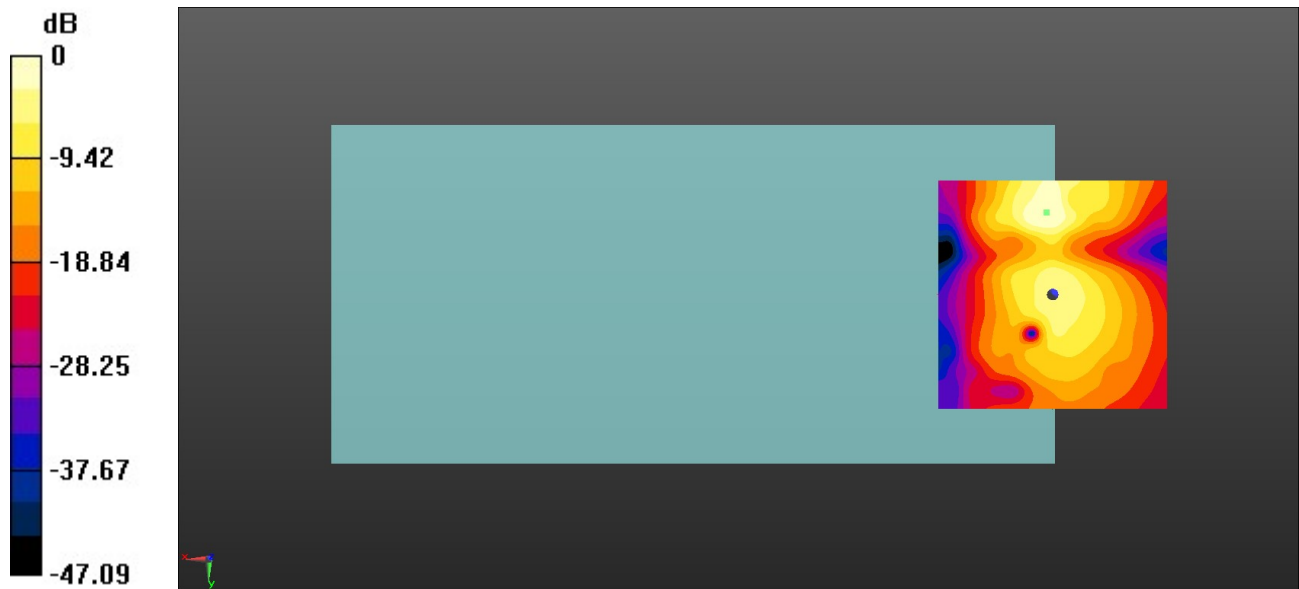
Ch157/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 42.57 dB

ABM1 comp = -9.56 dBA/m

Location: 1.3, -17.9, 3.7 mm



0 dB = 134.5 = 42.57 dB

20_HAC_T-Coil_GSM850_EDGE 2TX_Ch189_Axial (Z)

Communication System: GSM850 ; Frequency: 836.4 MHz

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

Ambient Temperature : 23.6 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2021/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 31.34 dB

ABM1 comp = 1.41 dBA/m

Location: 7.5, -11, 3.7 mm

