

#01_HAC_T-Coil_GSM850_Voice_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: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 44.41 dB

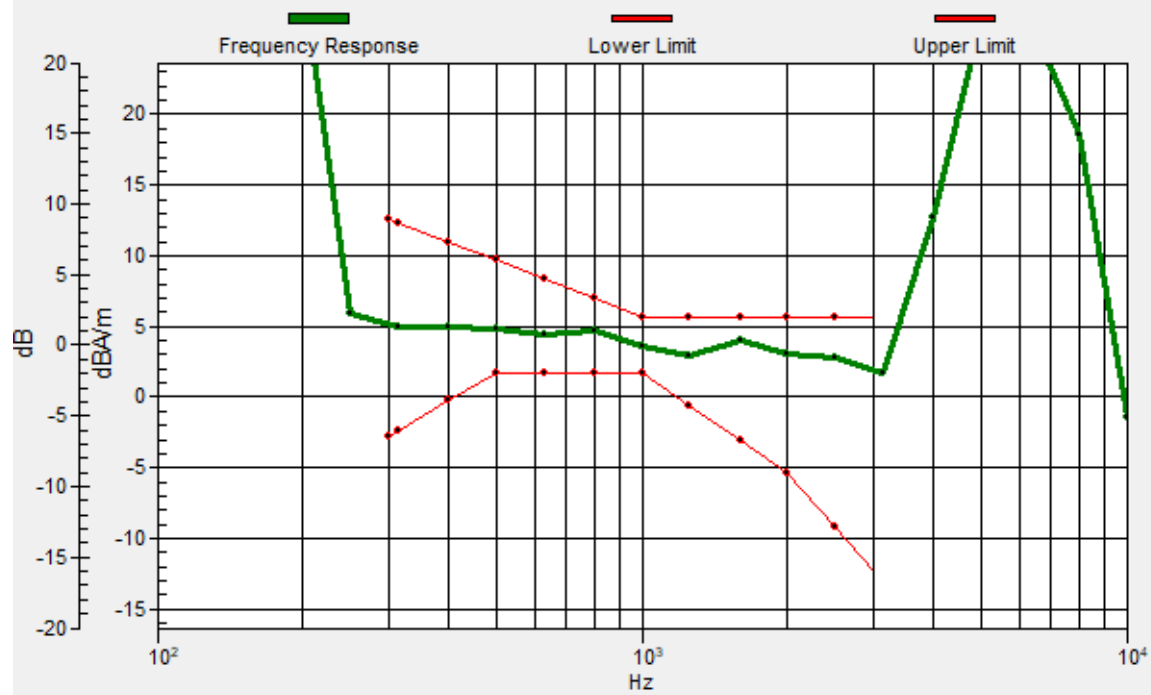
ABM1 comp = 3.39 dBA/m

Location: 10.3, -17.3, 3.7 mm



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

Loc: 10.6, -17.5, 3.7 mm Diff: 1.72dB



#01_HAC_T-Coil_GSM850_Voice_Ch189_Transversal (Y)

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: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 35.19 dB

ABM1 comp = -7.06 dBA/m

Location: 4, -25, 3.7 mm



#02_HAC_T-Coil_GSM1900_Voice_Ch661_Axial (Z)

Communication System: PCS; Frequency: 1880 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

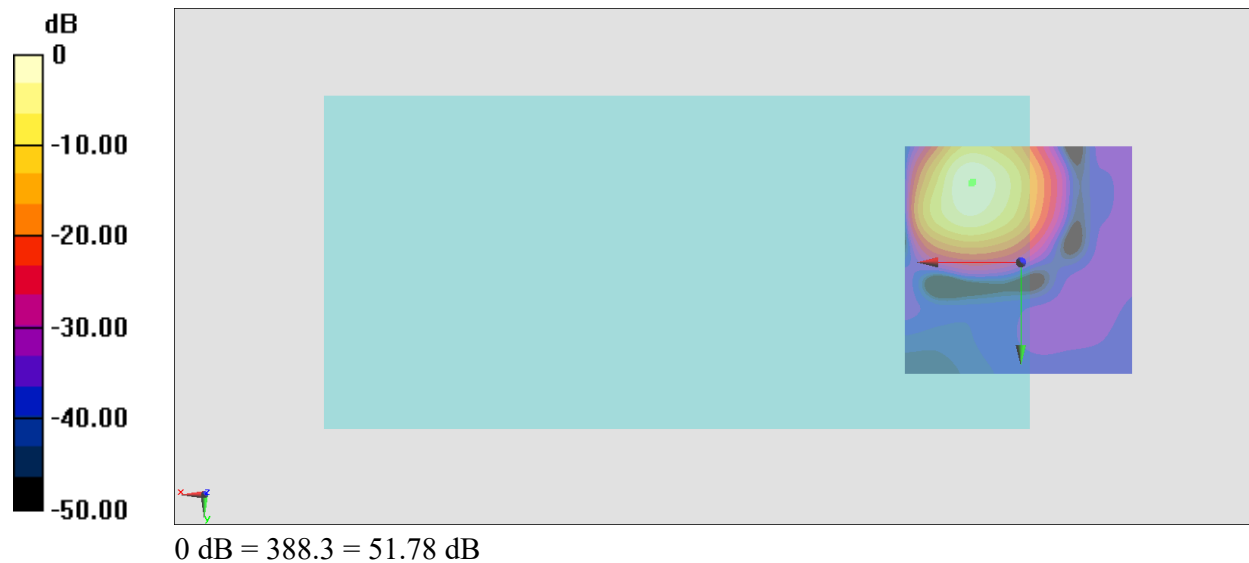
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 51.78 dB

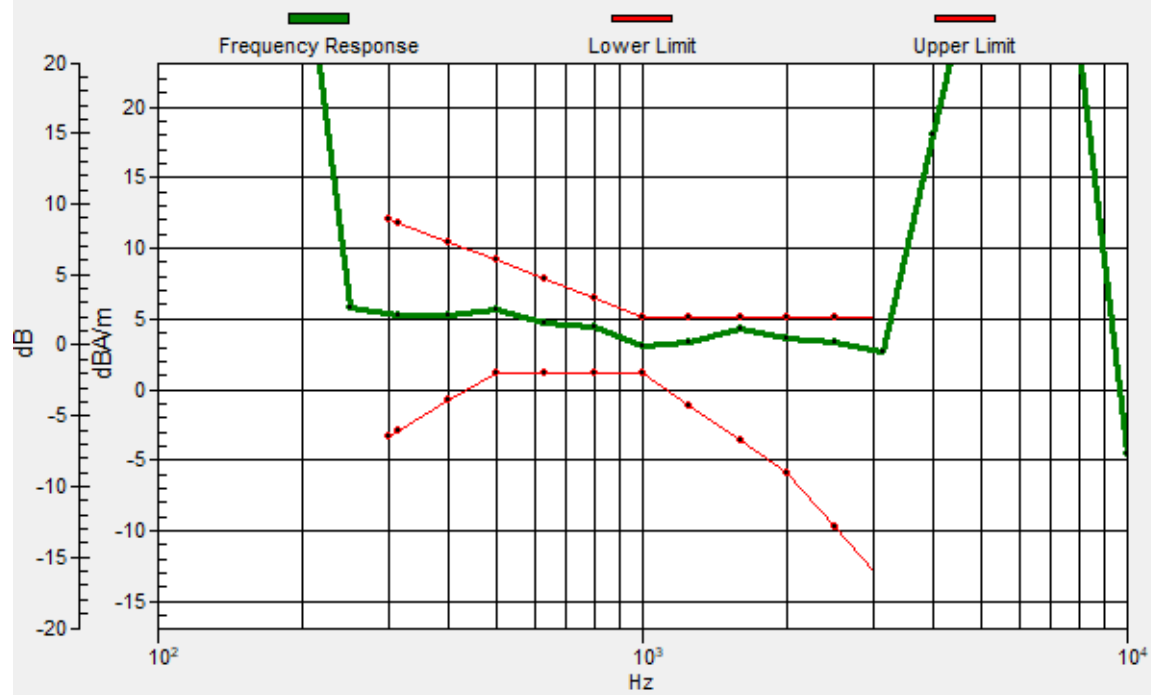
ABM1 comp = 3.32 dBA/m

Location: 10.3, -17.3, 3.7 mm



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

Loc: 10.6, -16.9, 3.7 mm Diff: 0.88dB



#02_HAC_T-Coil_GSM1900_Voice_Ch661_Transversal (Y)

Communication System: PCS; Frequency: 1880 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 40.91 dB

ABM1 comp = -5.33 dBA/m

Location: 8.9, -25, 3.7 mm



#03_HAC_T-Coil_WCDMA II_Voice_Ch9400_Axial (Z)

Communication System: WCDMA; Frequency: 1880 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 52.27 dB

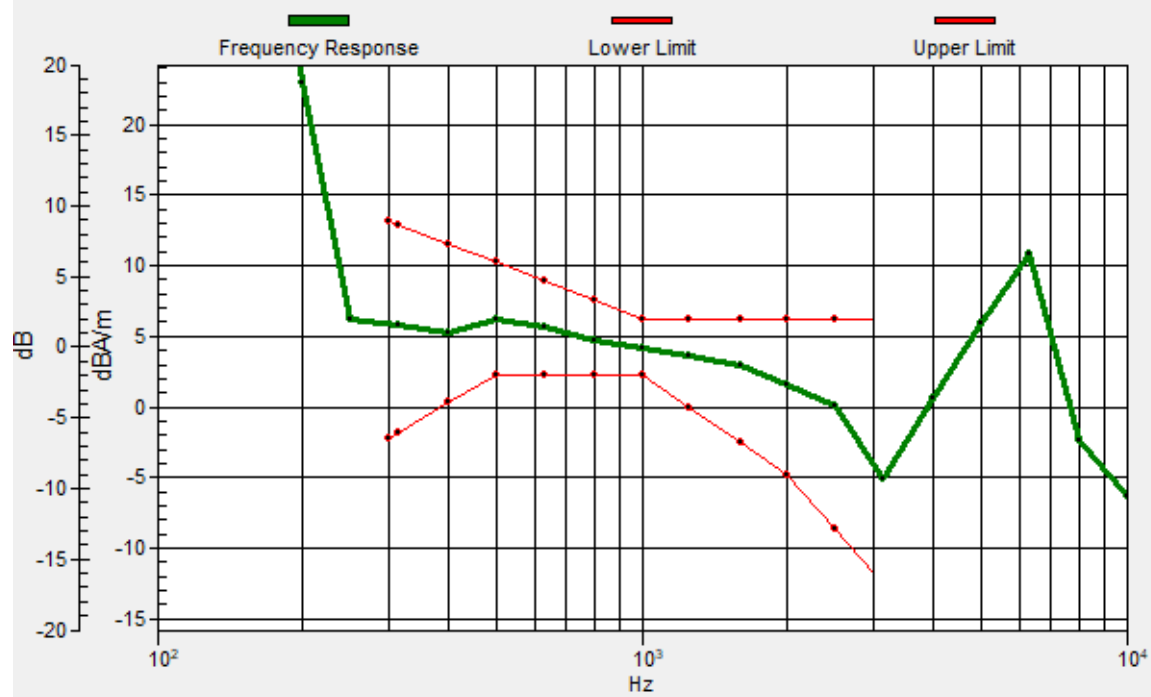
ABM1 comp = 2.26 dBA/m

Location: 10.3, -13.1, 3.7 mm



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

Loc: 10.2, -13.2, 3.7 mm Diff: 2dB



#03_HAC_T-Coil_WCDMA II_Voice_Ch9400_Transversal (Y)

Communication System: WCDMA; Frequency: 1880 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 41.07 dB

ABM1 comp = -6.10 dBA/m

Location: 9.6, -4, 3.7 mm



#04_HAC_T-Coil_WCDMA IV_Voice_Ch1413_Axial (Z)

Communication System: WCDMA ; Frequency: 1732.6 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 52.84 dB

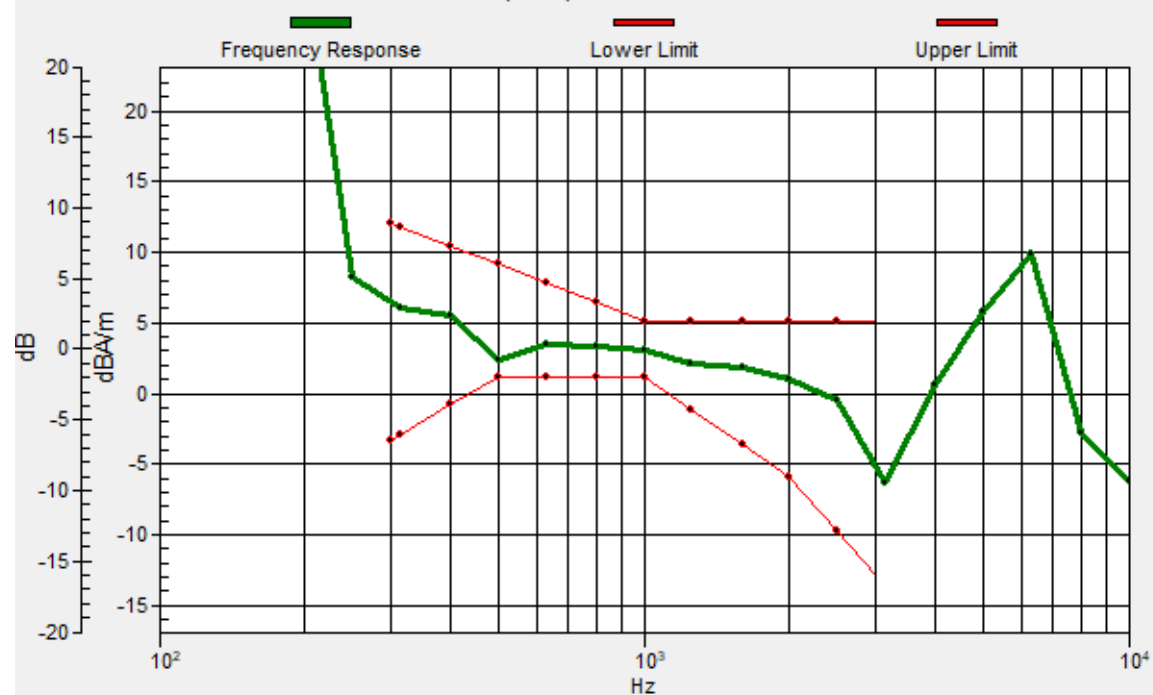
ABM1 comp = 2.28 dBA/m

Location: 10.3, -13.1, 3.7 mm



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

Loc: 10.2, -13.3, 3.7 mm Diff: 1.28dB



#04_HAC_T-Coil_WCDMA IV_Voice_Ch1413_Transversal (Y)

Communication System: WCDMA ; Frequency: 1732.6 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 41.04 dB

ABM1 comp = -5.47 dBA/m

Location: 6.1, -25, 3.7 mm



#05_HAC_T-Coil_WCDMA V_Voice_Ch4182_Axial (Z)

Communication System: WCDMA; Frequency: 836.4 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 52.86 dB

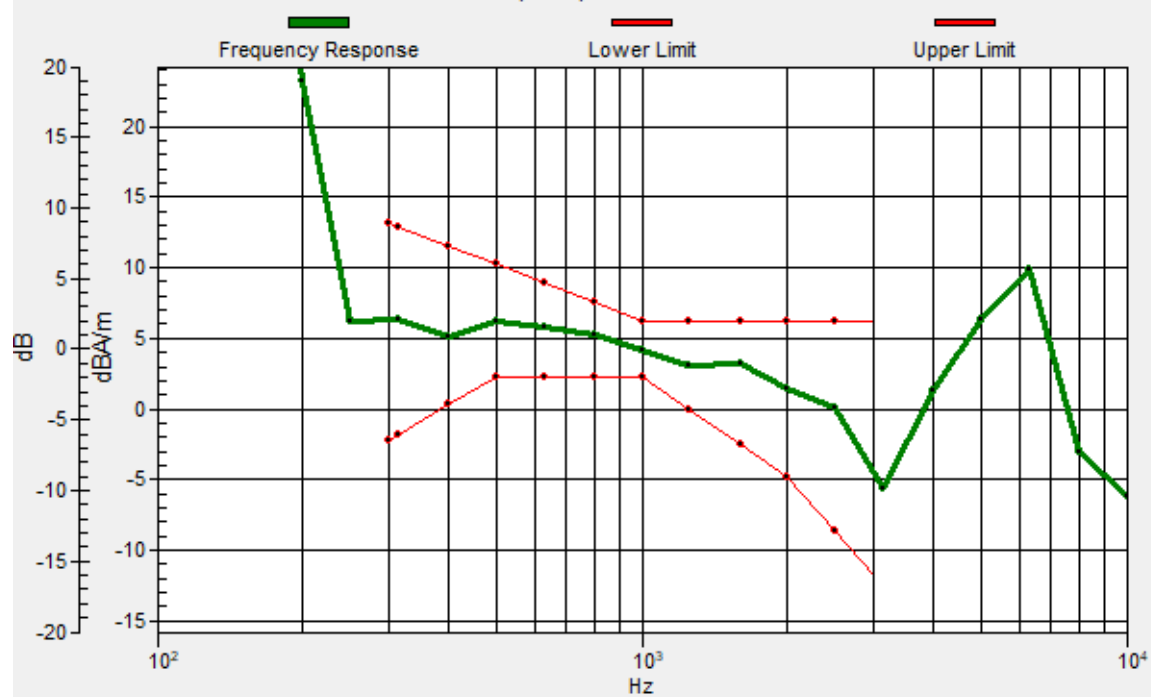
ABM1 comp = 2.54 dBA/m

Location: 10.3, -14.5, 3.7 mm



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

Loc: 10.2, -14.8, 3.7 mm Diff: 2dB



#05_HAC_T-Coil_WCDMA V_Voice_Ch4182_Transversal (Y)

Communication System: WCDMA; Frequency: 836.4 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

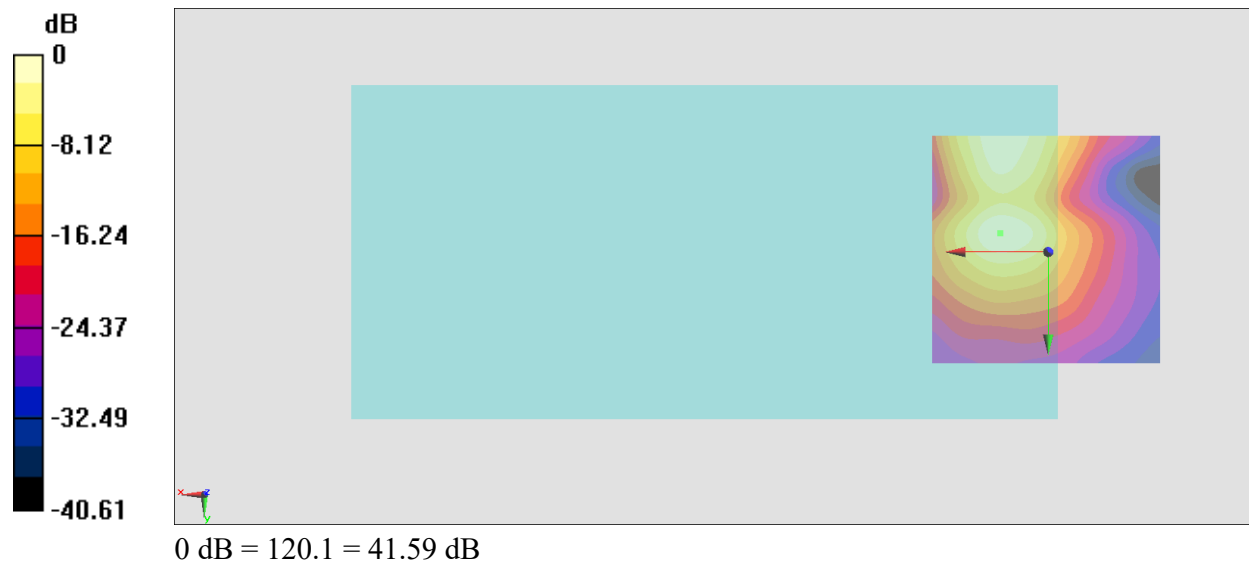
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 41.59 dB

ABM1 comp = -4.74 dBA/m

Location: 10.3, -4, 3.7 mm



#06_HAC_T-Coil_LTE Band 7_20M_QPSK_1_0_Ch21100_Axial (Z)

Communication System: LTE; Frequency: 2535 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

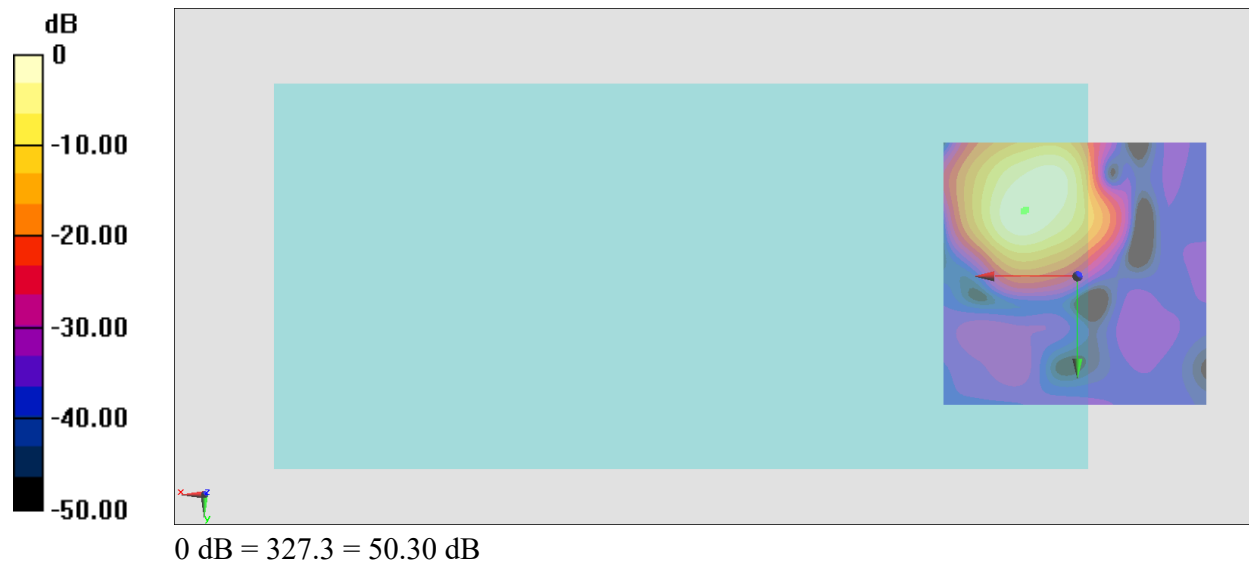
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 50.30 dB

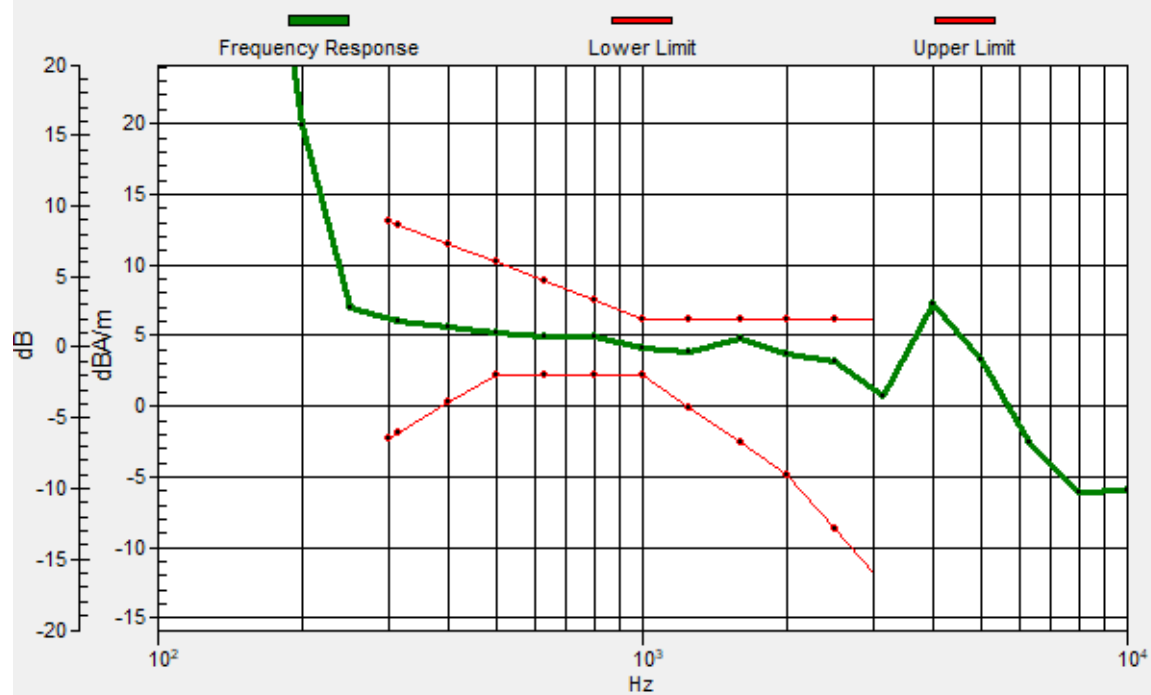
ABM1 comp = -0.40 dBA/m

Location: 9.6, -12.4, 3.7 mm



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

Loc: 10, -12.1, 3.7 mm Diff: 1.34dB



#06_HAC_T-Coil_LTE Band 7_20M_QPSK_1_0_Ch21100_Transversal (Y)

Communication System: LTE; Frequency: 2535 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26

- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29

- 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/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 = 38.24 dB

ABM1 comp = -8.71 dBA/m

Location: 8.9, -4, 3.7 mm



#07_HAC_T-Coil_LTE Band 12_10M_QPSK_1_0_Ch23095_Axial (Z)

Communication System: LTE; Frequency: 707.5 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 48.98 dB

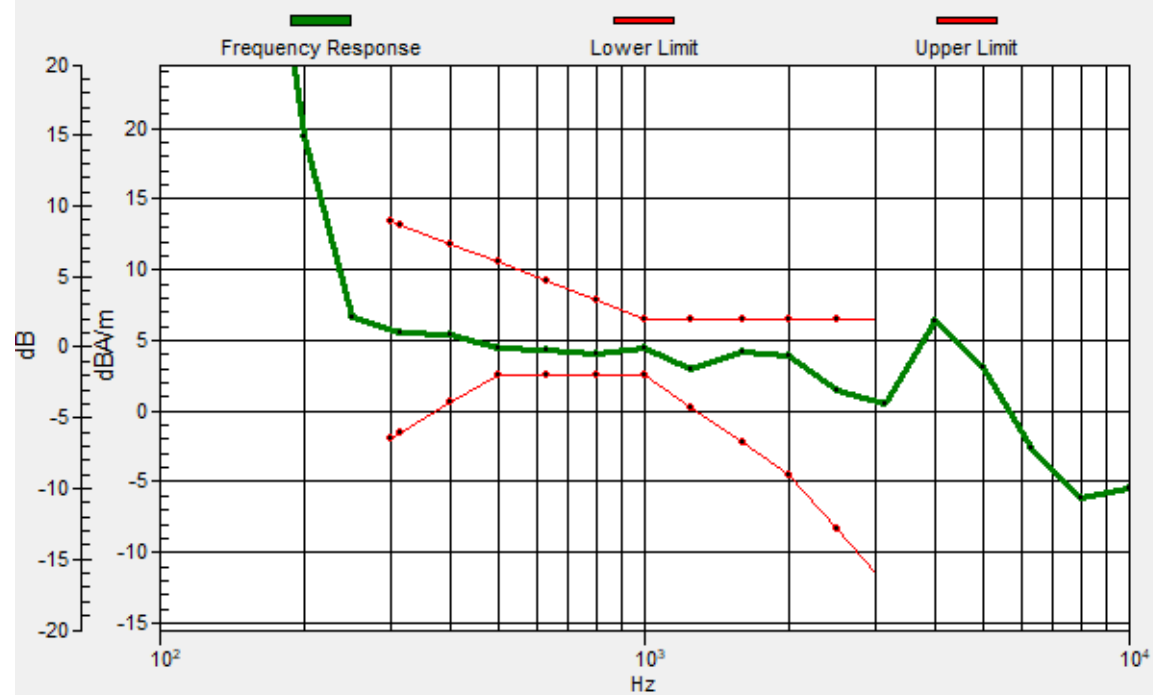
ABM1 comp = -1.79 dBA/m

Location: 9.6, -17.3, 3.7 mm



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

Loc: 9.4, -17.2, 3.7 mm Diff: 1.59dB



#07_HAC_T-Coil_LTE Band 12_10M_QPSK_1_0_Ch23095_Transversal (Y)

Communication System: LTE; Frequency: 707.5 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 39.37 dB

ABM1 comp = -8.13 dBA/m

Location: 9.6, -25, 3.7 mm



#08_HAC_T-Coil_LTE Band 13_10M_QPSK_1_0_Ch23230_Axial (Z)

Communication System: LTE; Frequency: 782 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26

- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29

- 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)

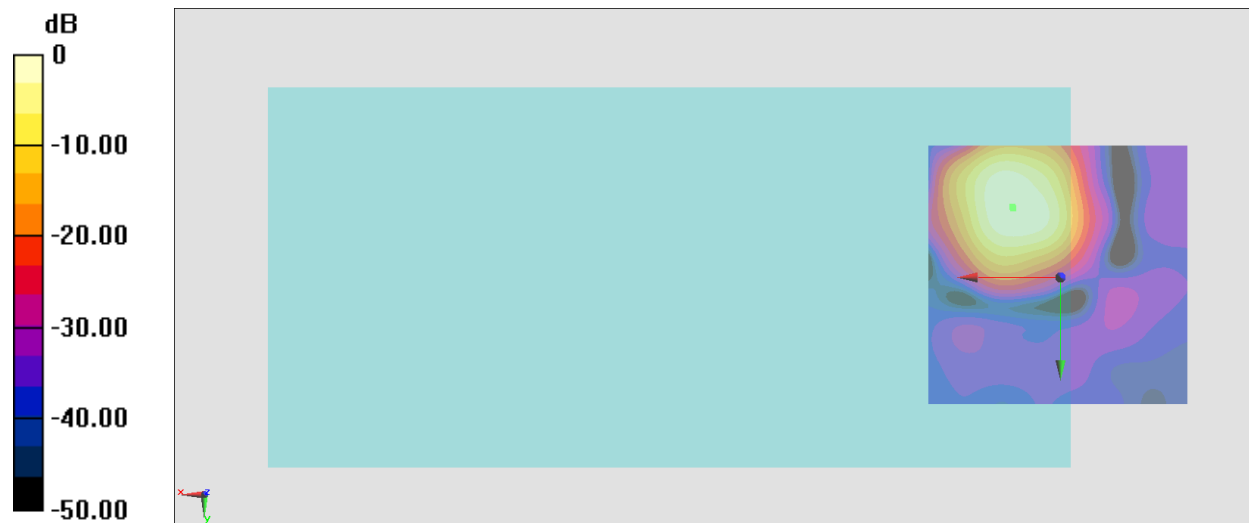
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 50.72 dB

ABM1 comp = -0.41 dBA/m

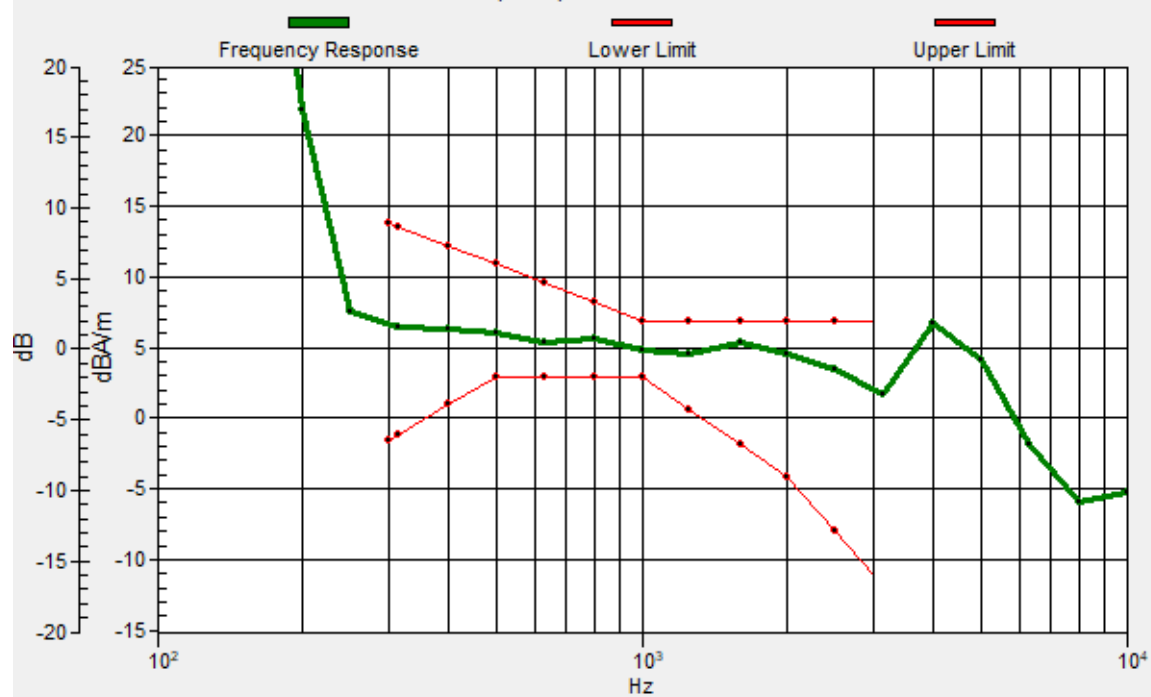
Location: 8.9, -13.1, 3.7 mm



0 dB = 343.7 = 50.72 dB

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

Loc: 9.2, -13.4, 3.7 mm Diff: 1.56dB



#08_HAC_T-Coil_LTE Band 13_10M_QPSK_1_0_Ch23230_Transversal (Y)

Communication System: LTE; Frequency: 782 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26

- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29

- 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/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 = 39.21 dB

ABM1 comp = -8.64 dBA/m

Location: 8.2, -4, 3.7 mm



#09_HAC_T-Coil_LTE Band 14_10M_QPSK_1_0_Ch23330_Axial (Z)

Communication System: LTE; Frequency: 793 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 48.82 dB

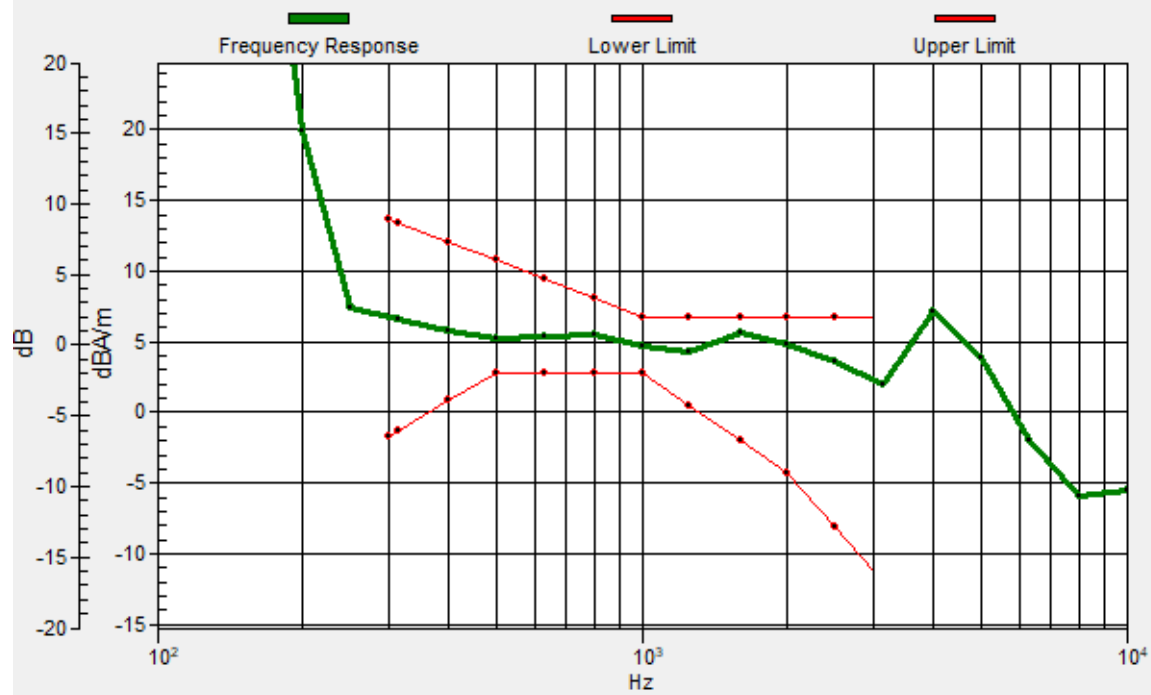
ABM1 comp = -2.32 dBA/m

Location: 8.9, -12.4, 3.7 mm



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

Loc: 9, -12.5, 3.7 mm Diff: 1.14dB



#09_HAC_T-Coil_LTE Band 14_10M_QPSK_1_0_Ch23330_Transversal (Y)

Communication System: LTE; Frequency: 793 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 37.58 dB

ABM1 comp = -10.60 dBA/m

Location: 10.3, -4, 3.7 mm



#10_HAC_T-Coil_LTE Band 25_20M_QPSK_1_0_Ch26340_Axial (Z)

Communication System: LTE; Frequency: 1880 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

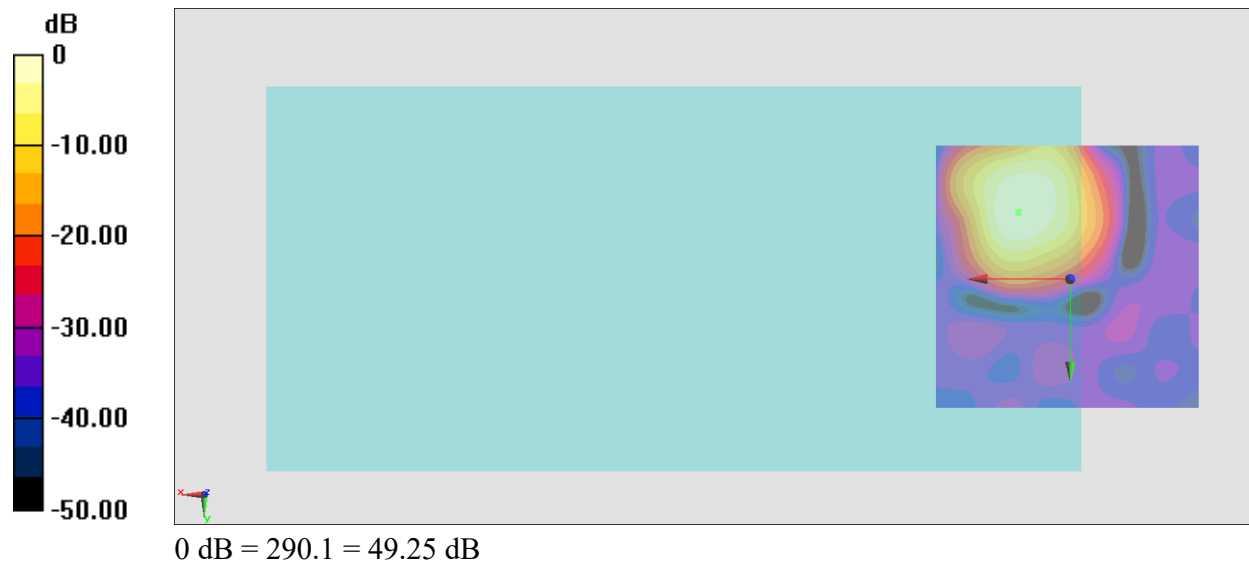
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 49.25 dB

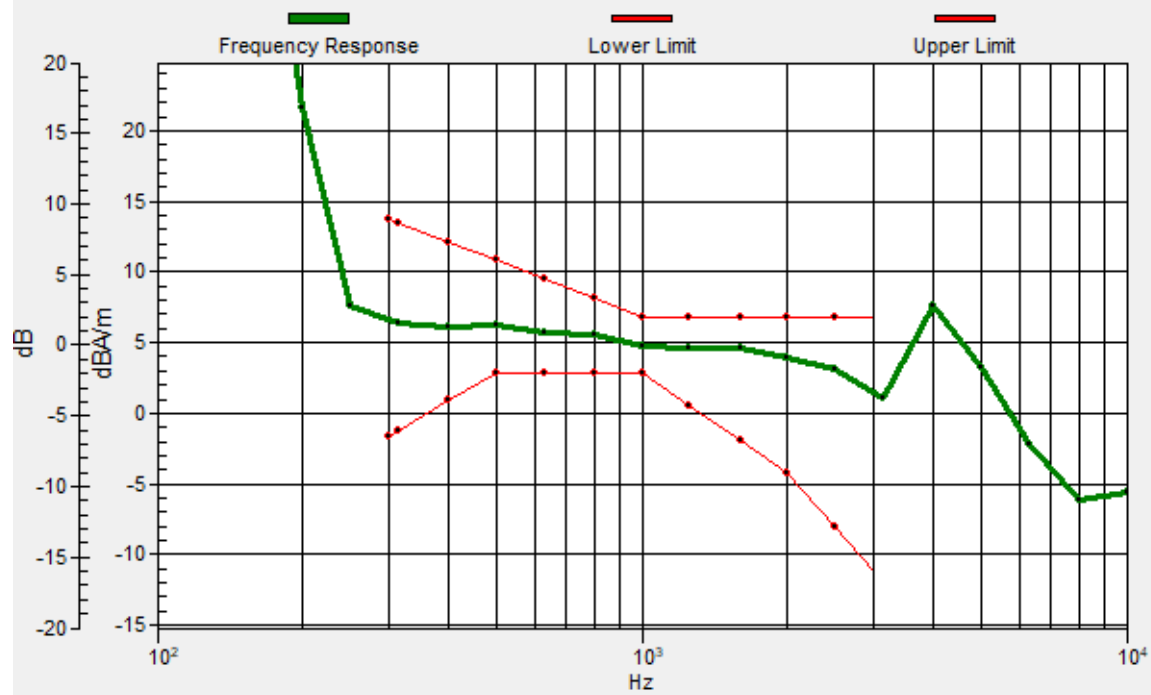
ABM1 comp = -1.17 dBA/m

Location: 9.6, -12.4, 3.7 mm



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

Loc: 9.7, -12.6, 3.7 mm Diff: 2dB



#10_HAC_T-Coil_LTE Band 25_20M_QPSK_1_0_Ch26340_Transversal (Y)

Communication System: LTE; Frequency: 1880 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 37.64 dB

ABM1 comp = -9.18 dBA/m

Location: 10.3, -25, 3.7 mm



#11_HAC_T-Coil_LTE Band 26_15M_QPSK_1_0_Ch26865_Axial (Z)

Communication System: LTE; Frequency: 831.5 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

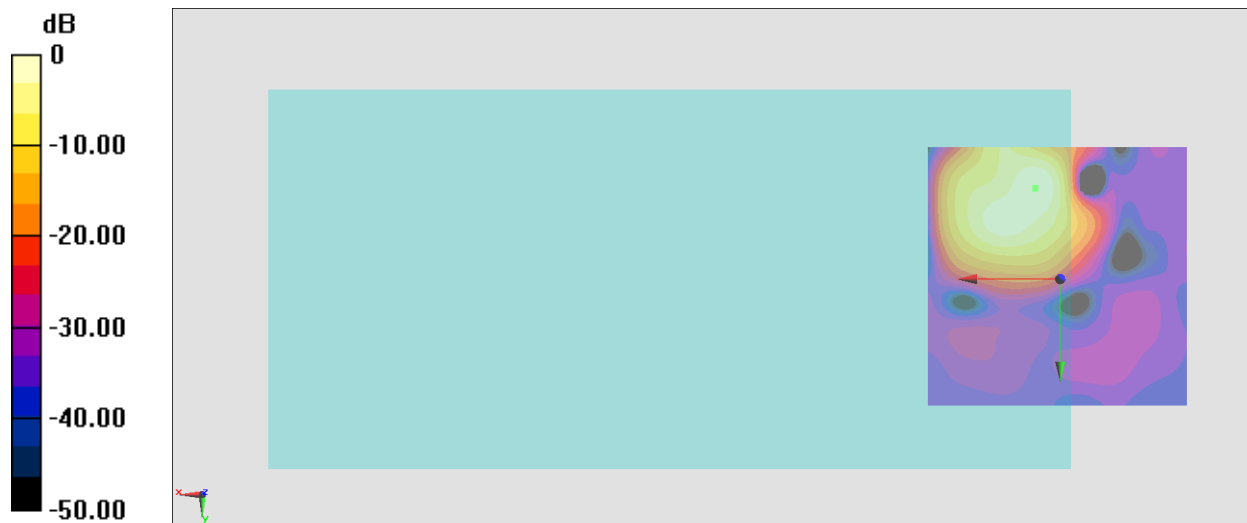
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 47.67 dB

ABM1 comp = -3.29 dBA/m

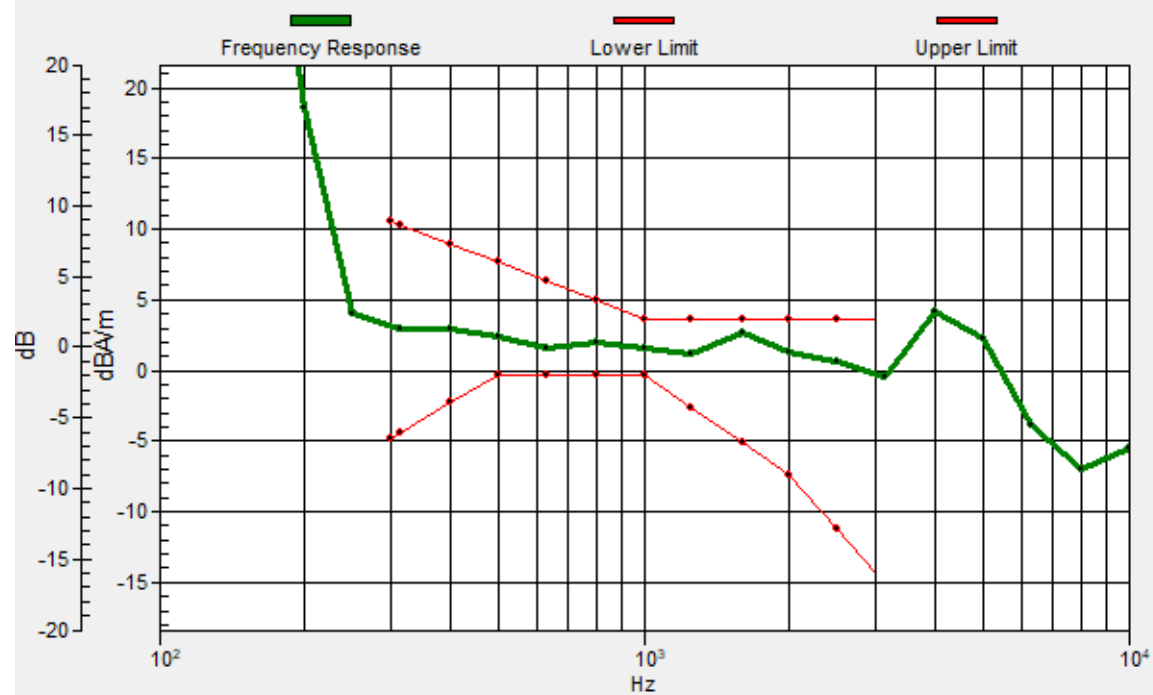
Location: 4.7, -17.3, 3.7 mm



0 dB = 241.8 = 47.67 dB

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

Loc: 4.7, -17.2, 3.7 mm Diff: 0.92dB



#11_HAC_T-Coil_LTE Band 26_15M_QPSK_1_0_Ch26865_Transversal (Y)

Communication System: LTE; Frequency: 831.5 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 41.49 dB

ABM1 comp = -6.31 dBA/m

Location: 11, -25, 3.7 mm



#12_HAC_T-Coil_LTE Band 30_10M_QPSK_1_0_Ch27710_Axial (Z)

Communication System: LTE; Frequency: 2310 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

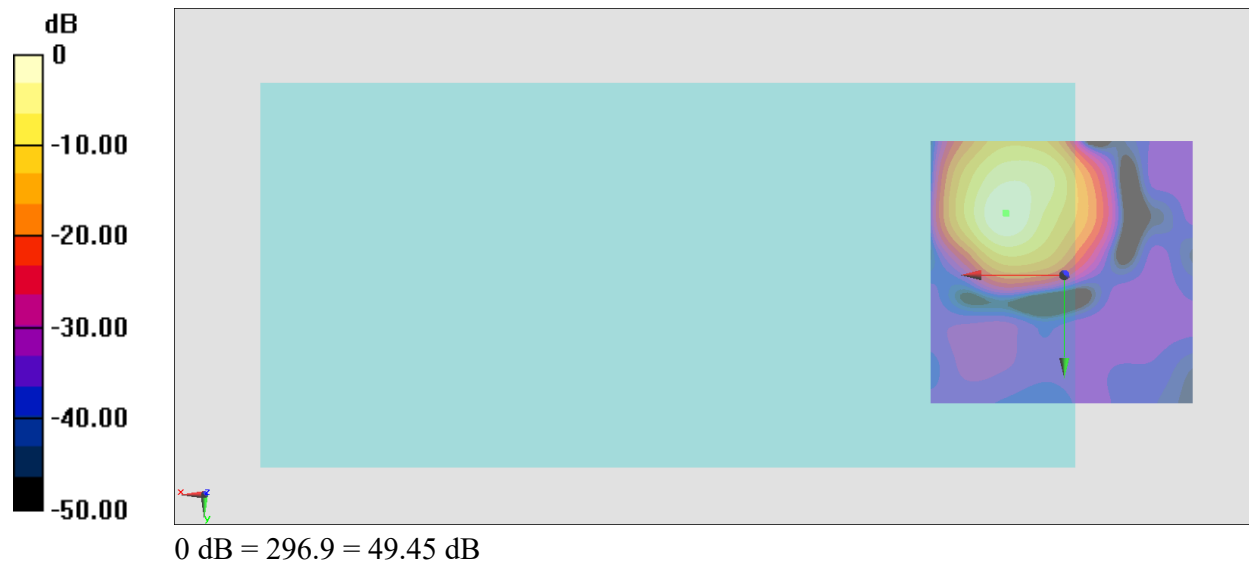
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 49.45 dB

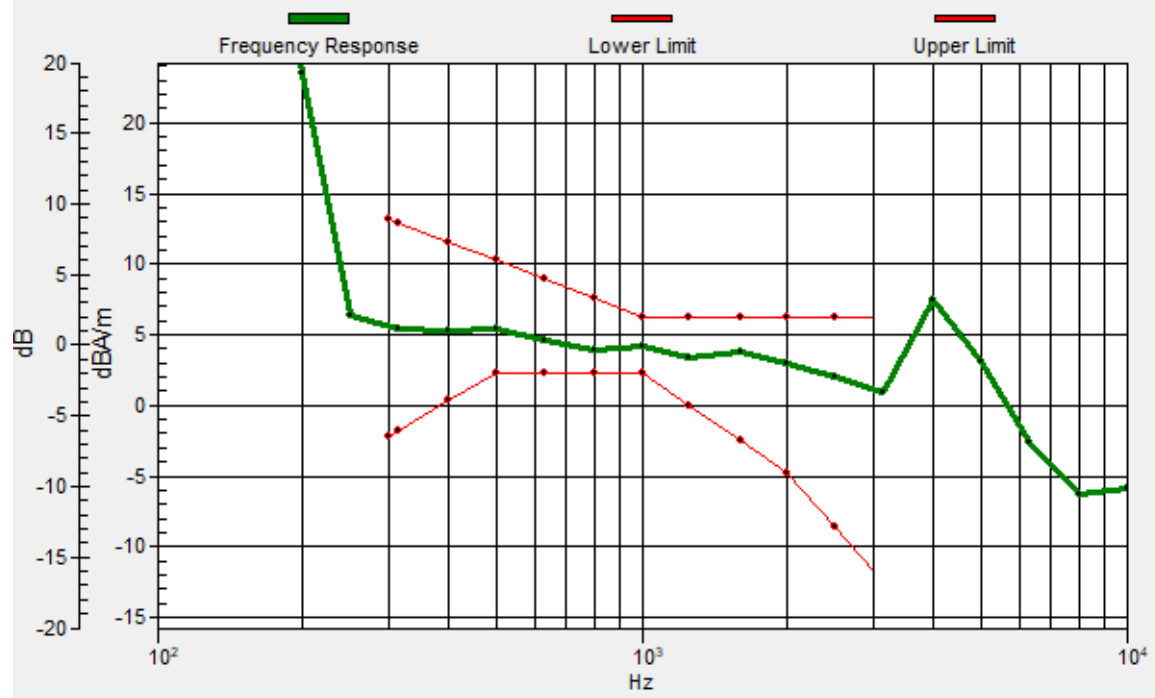
ABM1 comp = -1.25 dBA/m

Location: 11, -11.7, 3.7 mm



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

Loc: 10.9, -11.6, 3.7 mm Diff: 1.6dB



#12_HAC_T-Coil_LTE Band 30_10M_QPSK_1_0_Ch27710_Transversal (Y)

Communication System: LTE; Frequency: 2310 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 37.24 dB

ABM1 comp = -10.60 dBA/m

Location: 11, -25, 3.7 mm



#13_HAC_T-Coil_LTE Band 41_20M_QPSK_1_0_Ch40620_Axial (Z)

Communication System: LTE TDD; Frequency: 2593 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 42.62 dB

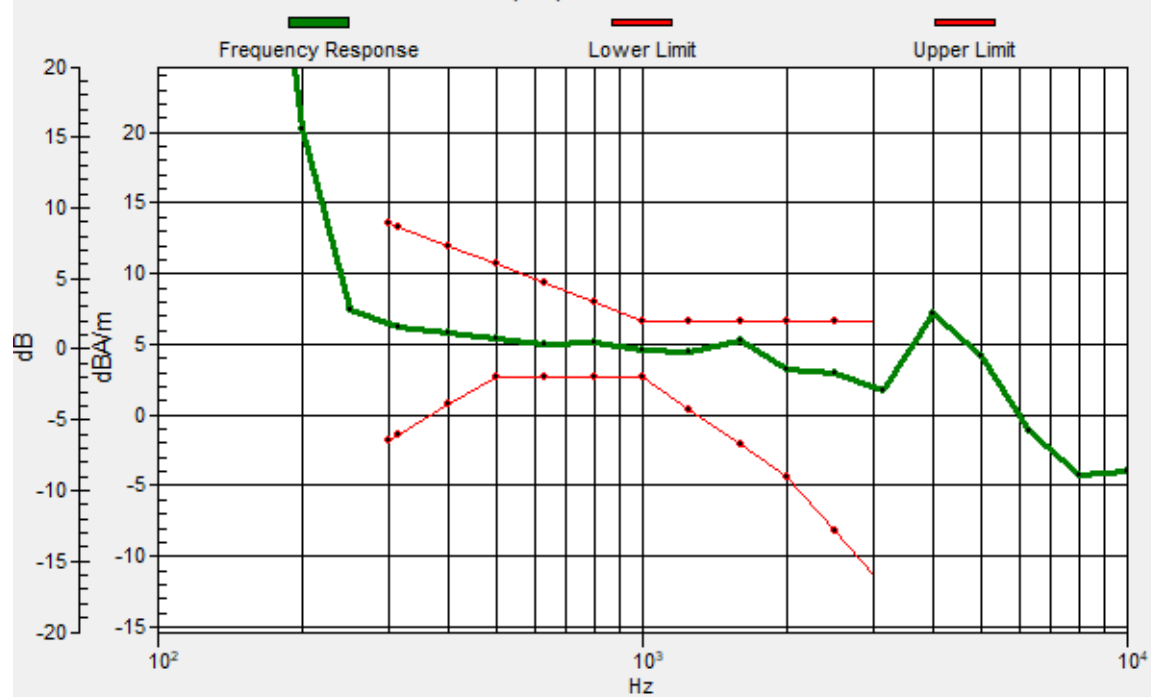
ABM1 comp = -3.91 dBA/m

Location: 10.3, -15.2, 3.7 mm



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

Loc: 10.6, -15, 3.7 mm Diff: 1.33dB



#13_HAC_T-Coil_LTE Band 41_20M_QPSK_1_0_Ch40620_Transversal (Y)

Communication System: LTE TDD; Frequency: 2593 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 34.55 dB

ABM1 comp = -10.02 dBA/m

Location: 4.7, -4, 3.7 mm



#14_HAC_T-Coil_LTE Band 48_20M_QPSK_1_0_Ch55830_Axial (Z)

Communication System: LTE TDD; Frequency: 3609 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 47.17 dB

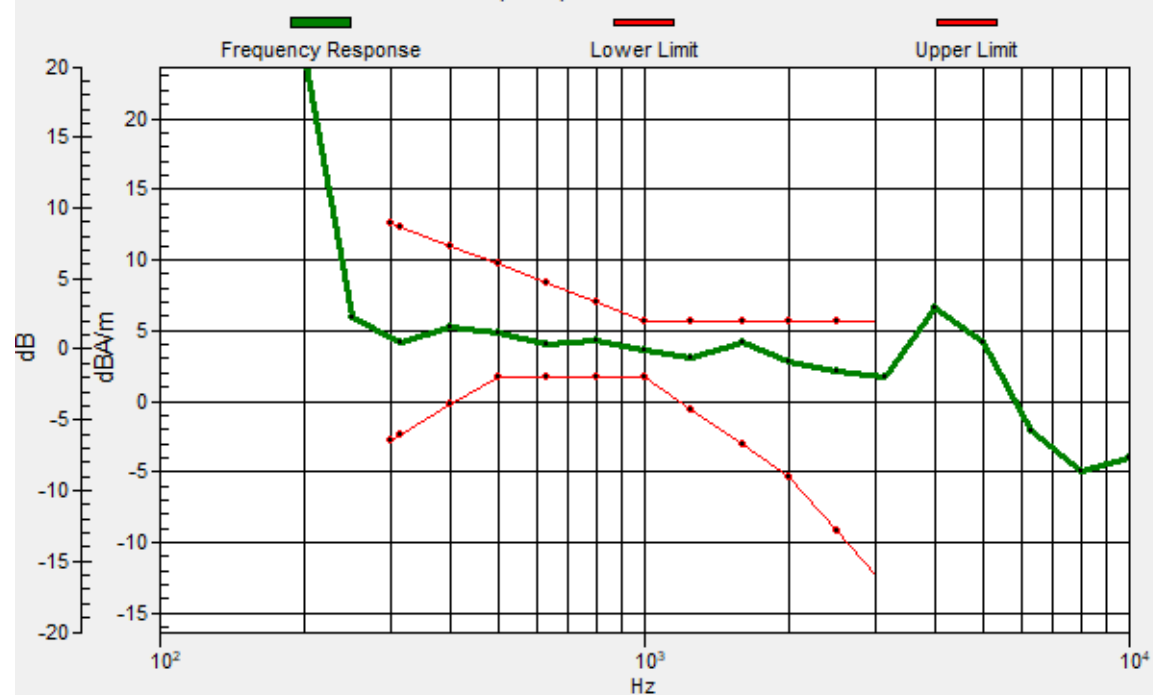
ABM1 comp = -0.67 dBA/m

Location: 6.8, -17.3, 3.7 mm



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

Loc: 7.1, -17.5, 3.7 mm Diff: 1.58dB



#14_HAC_T-Coil_LTE Band 48_20M_QPSK_1_0_Ch55830_Transversal (Y)

Communication System: LTE TDD; Frequency: 3609 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 37.78 dB

ABM1 comp = -6.89 dBA/m

Location: 8.9, -25, 3.7 mm



#15_HAC_T-Coil_LTE Band 66_20M_QPSK_1_0_Ch132322_Axial (Z)

Communication System: LTE; Frequency: 1745 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

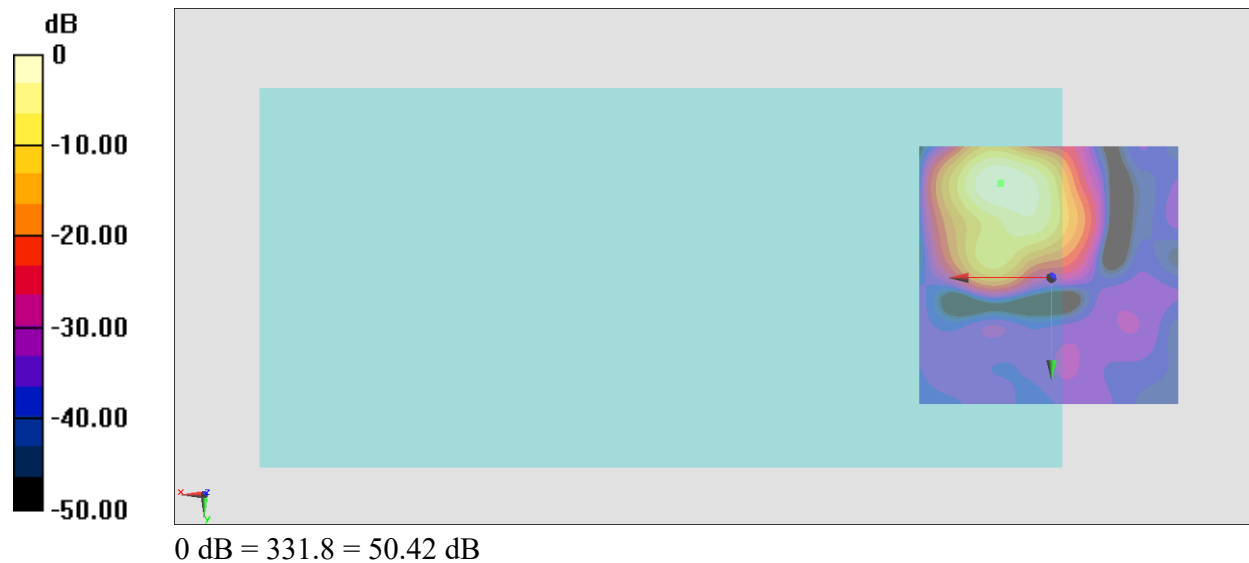
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 50.42 dB

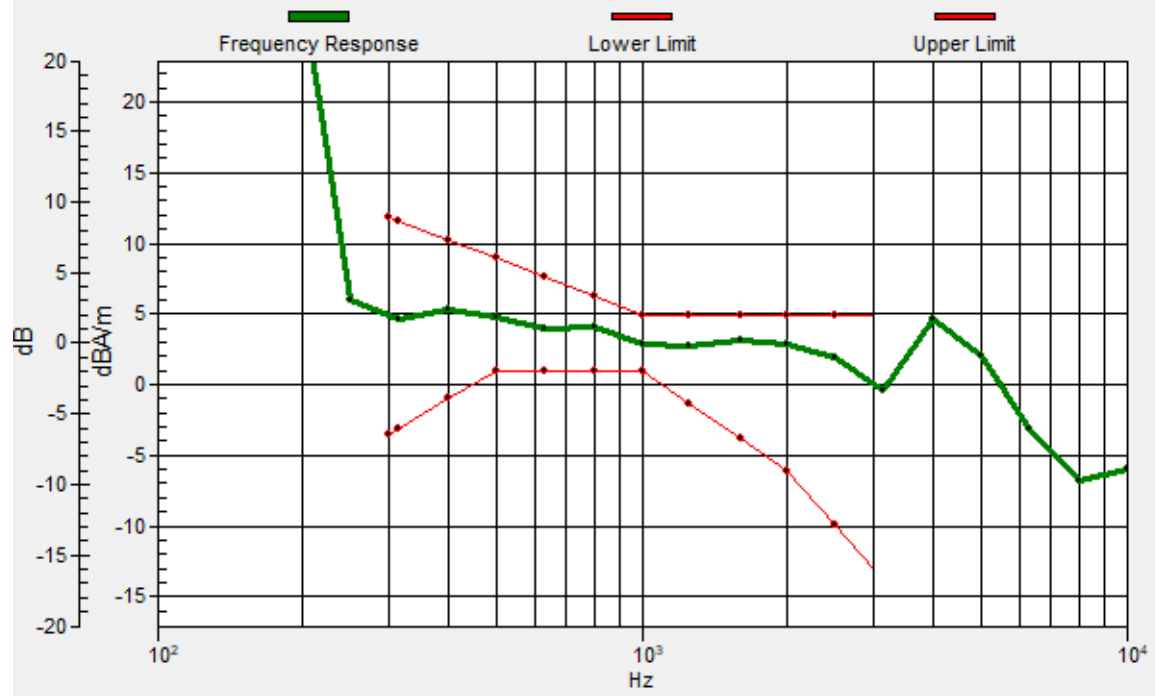
ABM1 comp = -0.30 dBA/m

Location: 9.6, -18, 3.7 mm



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

Loc: 9.7, -17.7, 3.7 mm Diff: 1.76dB



#15_HAC_T-Coil_LTE Band 66_20M_QPSK_1_0_Ch132322_Transversal (Y)

Communication System: LTE; Frequency: 1745 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 37.90 dB

ABM1 comp = -9.89 dBA/m

Location: 4, -3.3, 3.7 mm



#16_HAC_T-Coil_LTE Band 71_20M_QPSK_1_0_Ch133297_Axial (Z)

Communication System: LTE; Frequency: 680.5 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 51.06 dB

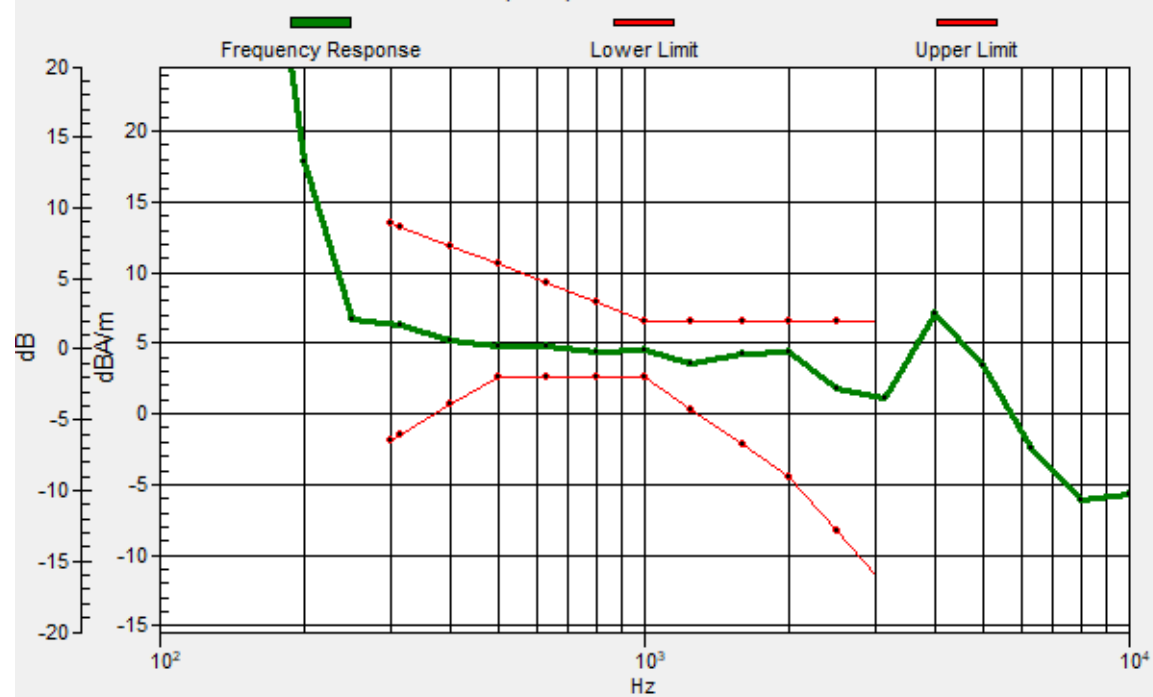
ABM1 comp = 0.16 dBA/m

Location: 10.3, -16.6, 3.7 mm



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

Loc: 10.6, -16.4, 3.7 mm Diff: 1.85dB



#16_HAC_T-Coil_LTE Band 71_20M_QPSK_1_0_Ch133297_Transversal (Y)

Communication System: LTE; Frequency: 680.5 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

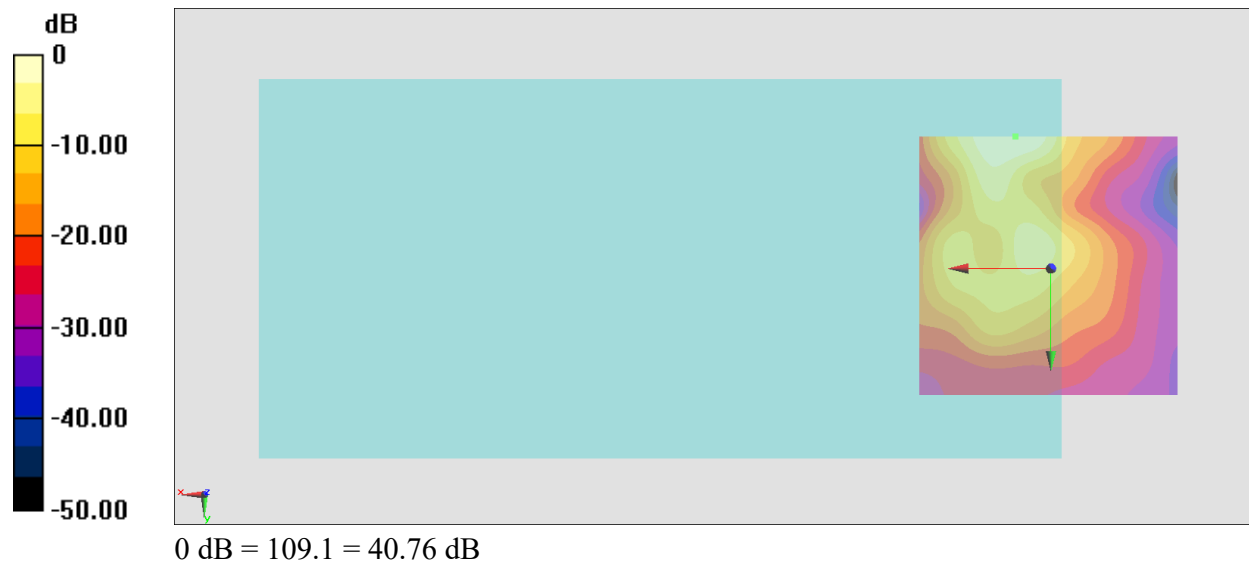
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 40.76 dB

ABM1 comp = -7.44 dBA/m

Location: 6.8, -25, 3.7 mm



#17_HAC_T-Coil_LTE Band 26_15M_QPSK_1_0_Ch26865_Axial (Z)

Communication System: LTE; Frequency: 831.5 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

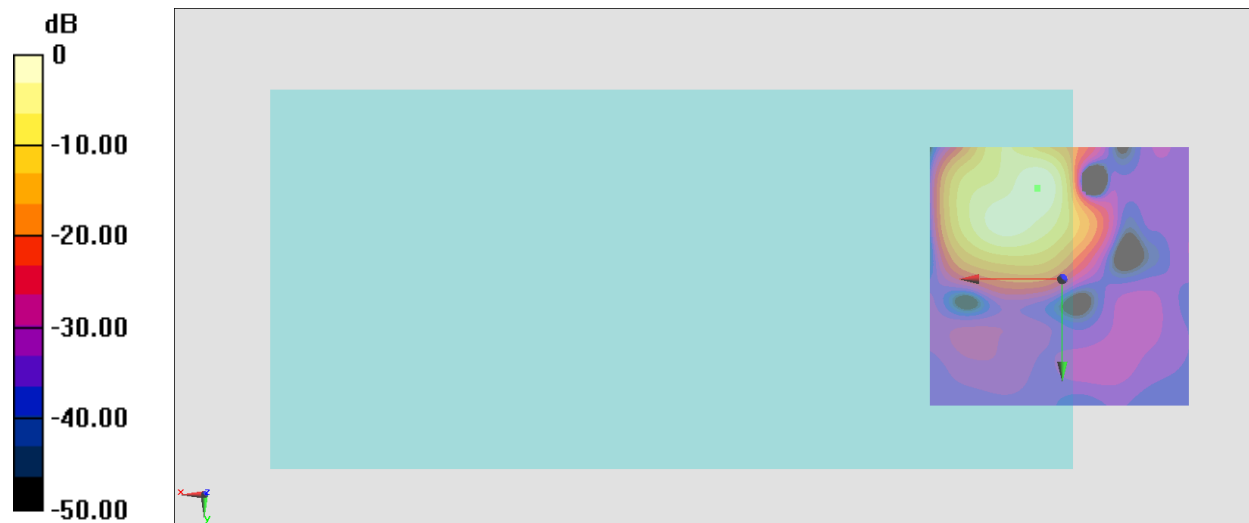
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 47.67 dB

ABM1 comp = -3.29 dBA/m

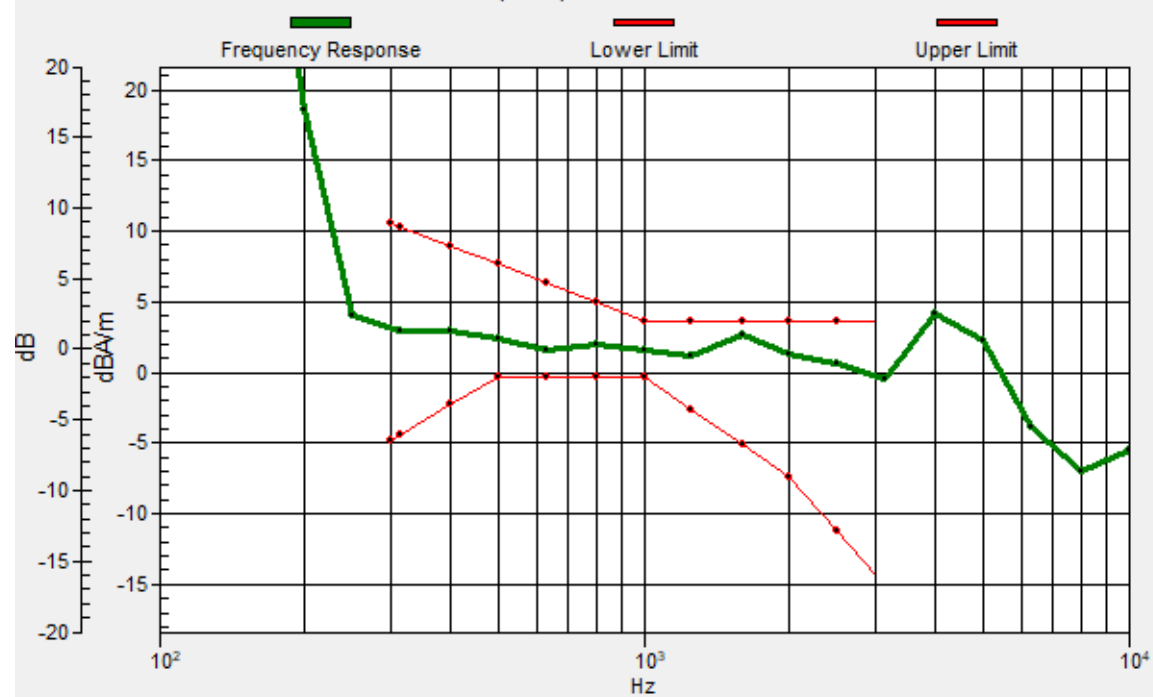
Location: 4.7, -17.3, 3.7 mm



0 dB = 241.8 = 47.67 dB

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

Loc: 4.7, -17.2, 3.7 mm Diff: 0.92dB



#17_HAC_T-Coil_LTE Band 26_15M_QPSK_1_0_Ch26865_Transversal (Y)

Communication System: LTE; Frequency: 831.5 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 41.49 dB

ABM1 comp = -6.31 dBA/m

Location: 11, -25, 3.7 mm



#18_HAC_T-Coil_LTE Band 7_20M_QPSK_1_0_Ch21100_Axial (Z)

Communication System: LTE; Frequency: 2535 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

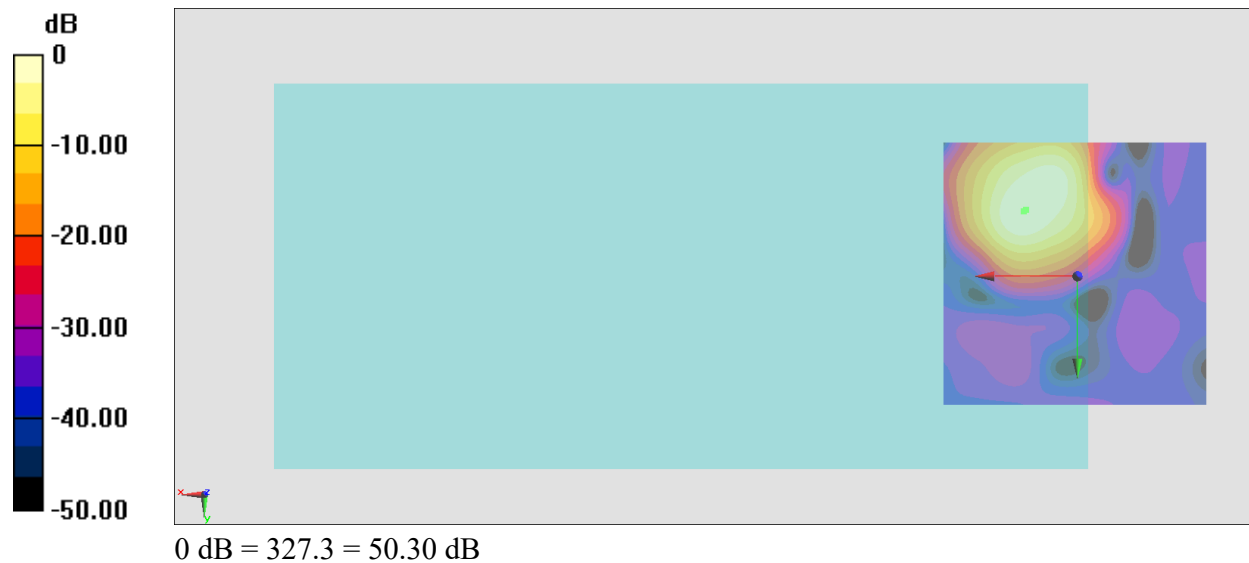
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 50.30 dB

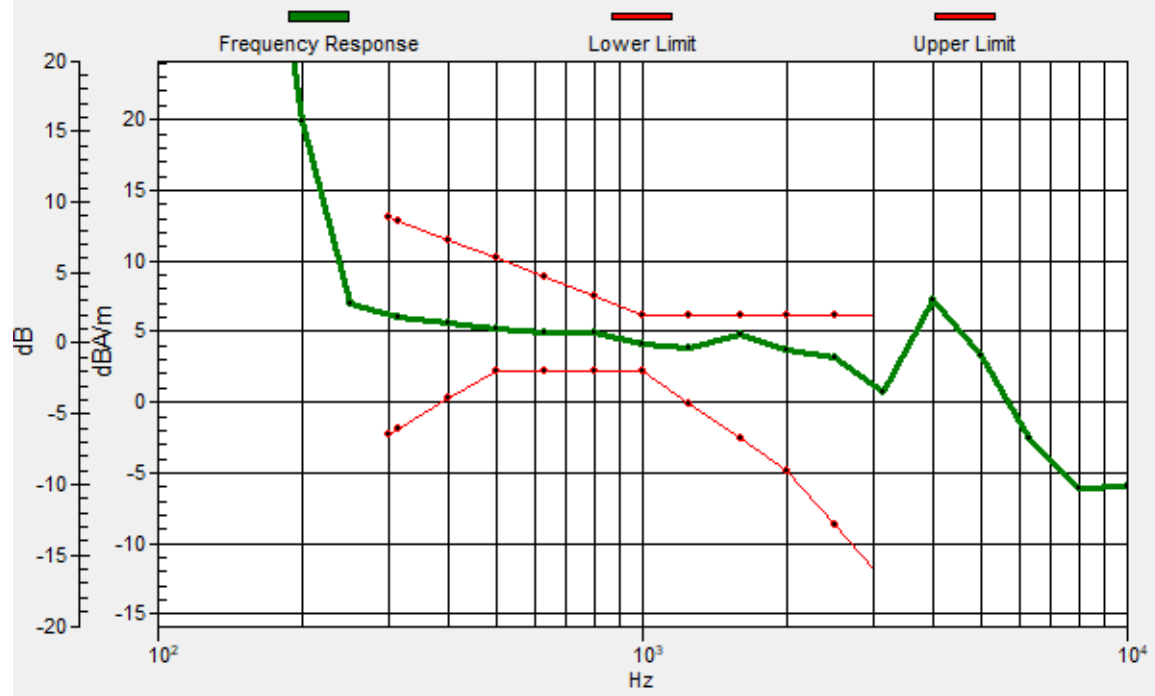
ABM1 comp = -0.40 dBA/m

Location: 9.6, -12.4, 3.7 mm



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

Loc: 10, -12.1, 3.7 mm Diff: 1.34dB



#18_HAC_T-Coil_LTE Band 7_20M_QPSK_1_0_Ch21100_Transversal (Y)

Communication System: LTE; Frequency: 2535 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26

- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29

- 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/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 = 38.24 dB

ABM1 comp = -8.71 dBA/m

Location: 8.9, -4, 3.7 mm



#19_HAC_T-Coil_LTE Band 12_10M_QPSK_1_0_Ch23095_Axial (Z)

Communication System: LTE; Frequency: 707.5 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

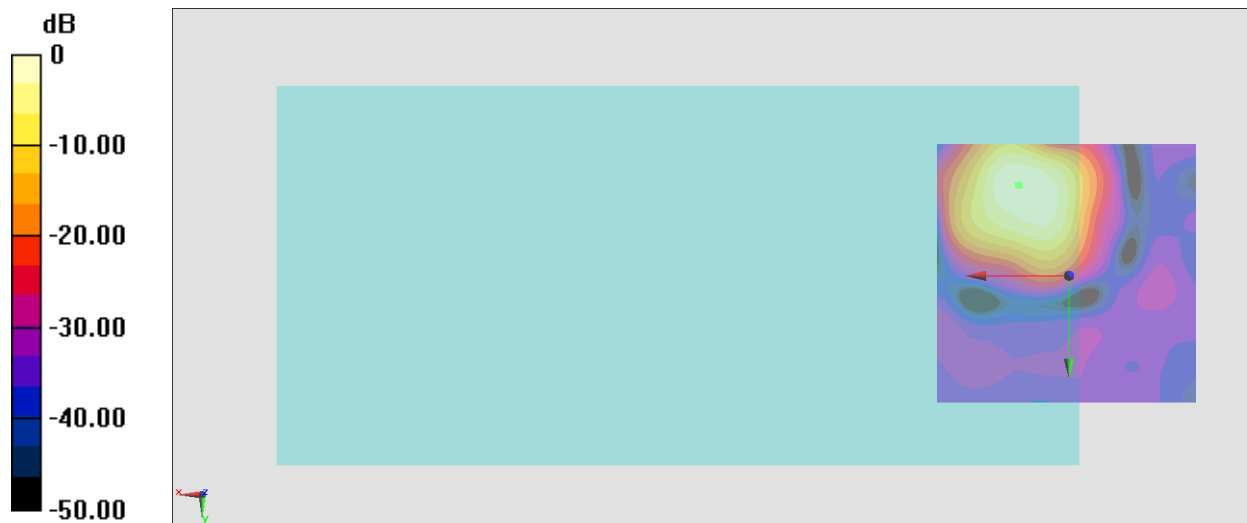
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 48.98 dB

ABM1 comp = -1.79 dBA/m

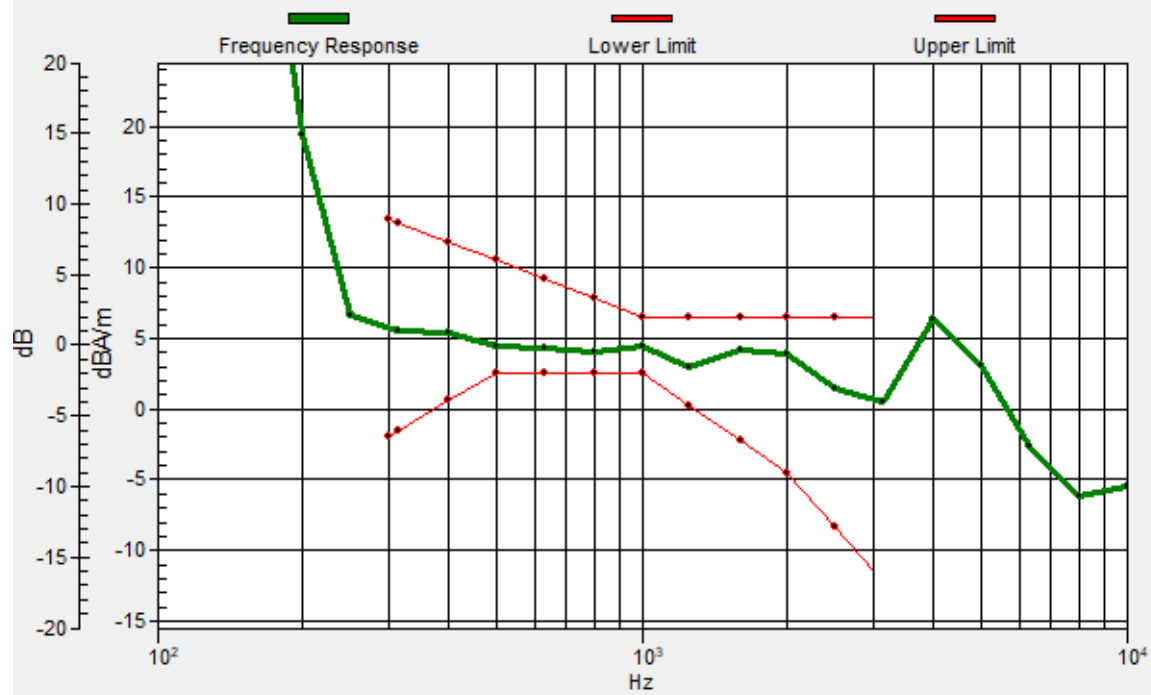
Location: 9.6, -17.3, 3.7 mm



0 dB = 281.3 = 48.98 dB

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

Loc: 9.4, -17.2, 3.7 mm Diff: 1.59dB



#19_HAC_T-Coil_LTE Band 12_10M_QPSK_1_0_Ch23095_Transversal (Y)

Communication System: LTE; Frequency: 707.5 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 39.37 dB

ABM1 comp = -8.13 dBA/m

Location: 9.6, -25, 3.7 mm



#20_HAC_T-Coil_LTE Band 14_10M_QPSK_1_0_Ch23330_Axial (Z)

Communication System: LTE; Frequency: 793 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

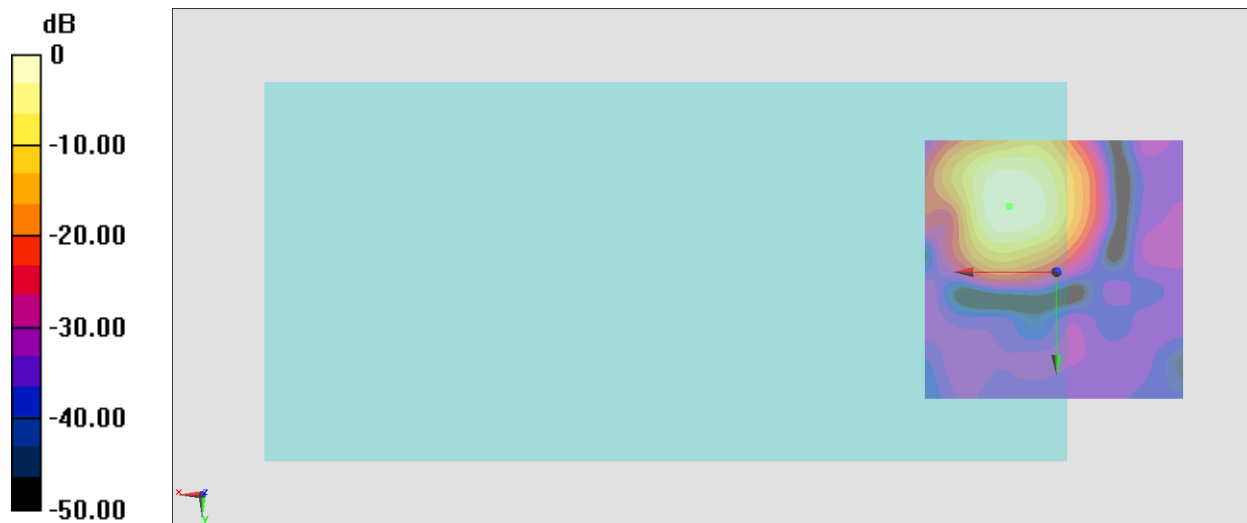
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 48.82 dB

ABM1 comp = -2.32 dBA/m

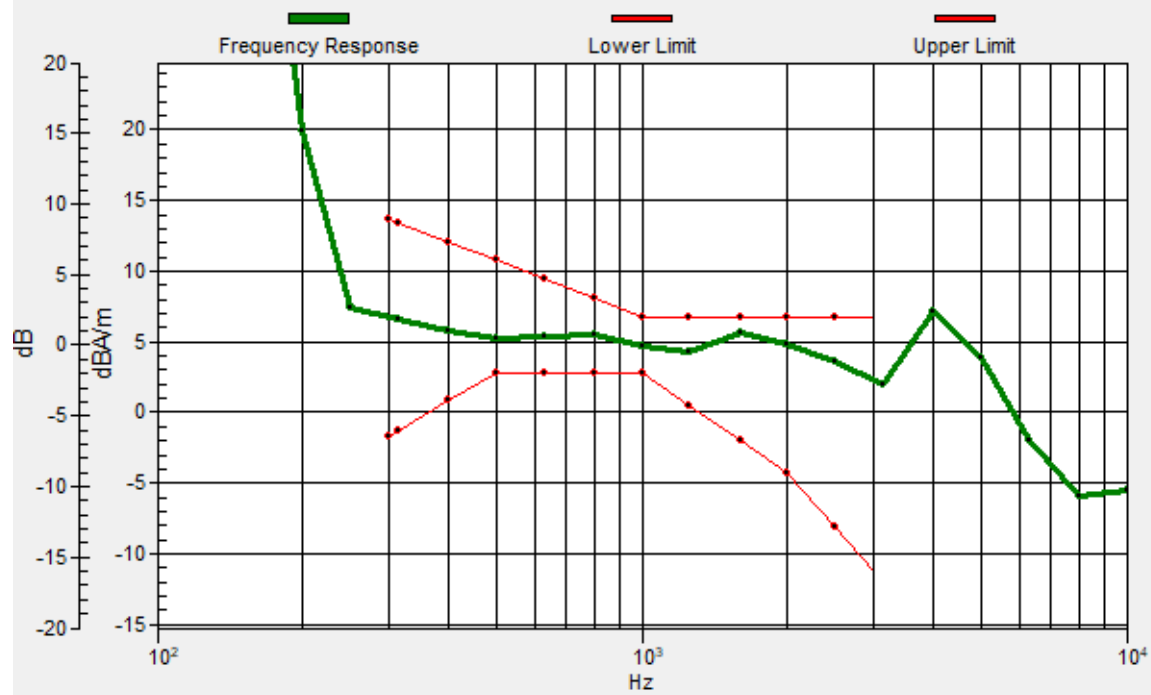
Location: 8.9, -12.4, 3.7 mm



0 dB = 276.1 = 48.82 dB

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

Loc: 9, -12.5, 3.7 mm Diff: 1.14dB



#20_HAC_T-Coil_LTE Band 14_10M_QPSK_1_0_Ch23330_Transversal (Y)

Communication System: LTE; Frequency: 793 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 37.58 dB

ABM1 comp = -10.60 dBA/m

Location: 10.3, -4, 3.7 mm



#21_HAC_T-Coil_LTE Band 25_20M_QPSK_1_0_Ch26340_Axial (Z)

Communication System: LTE; Frequency: 1880 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

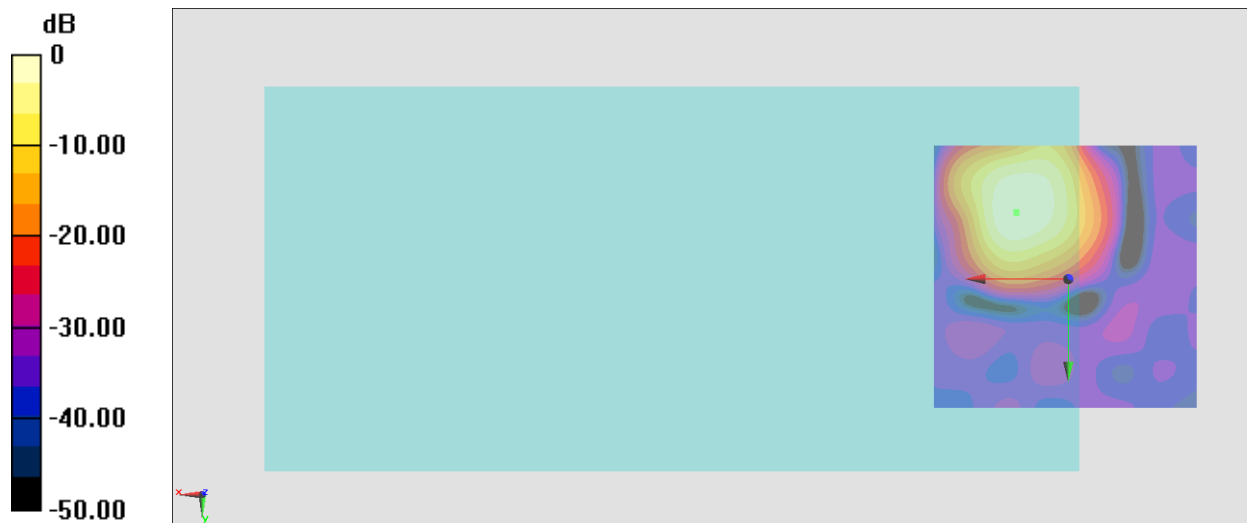
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 49.25 dB

ABM1 comp = -1.17 dBA/m

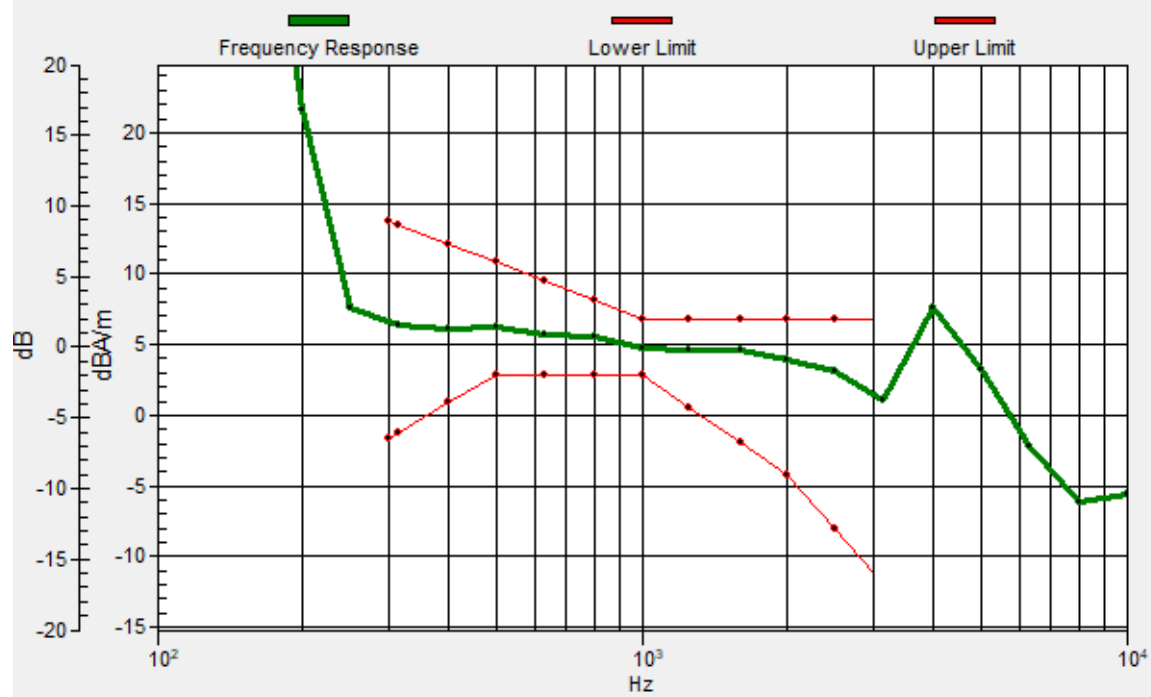
Location: 9.6, -12.4, 3.7 mm



0 dB = 290.1 = 49.25 dB

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

Loc: 9.7, -12.6, 3.7 mm Diff: 2dB



#21_HAC_T-Coil_LTE Band 25_20M_QPSK_1_0_Ch26340_Transversal (Y)

Communication System: LTE; Frequency: 1880 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 37.64 dB

ABM1 comp = -9.18 dBA/m

Location: 10.3, -25, 3.7 mm



#22_HAC_T-Coil_LTE Band 30_10M_QPSK_1_0_Ch27710_Axial (Z)

Communication System: LTE; Frequency: 2310 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

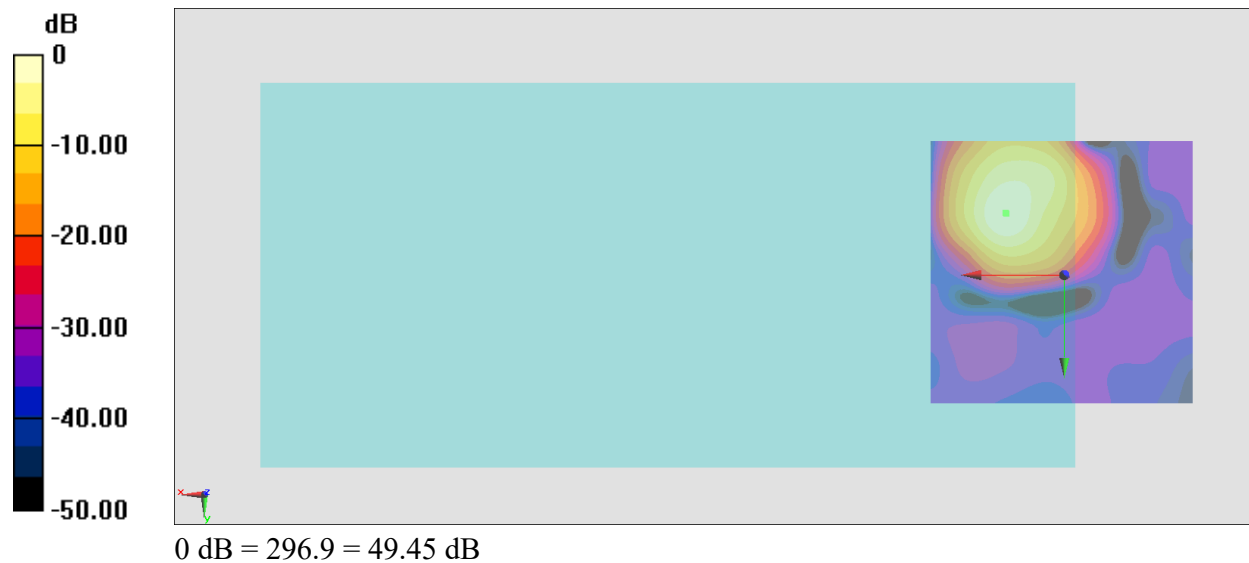
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 49.45 dB

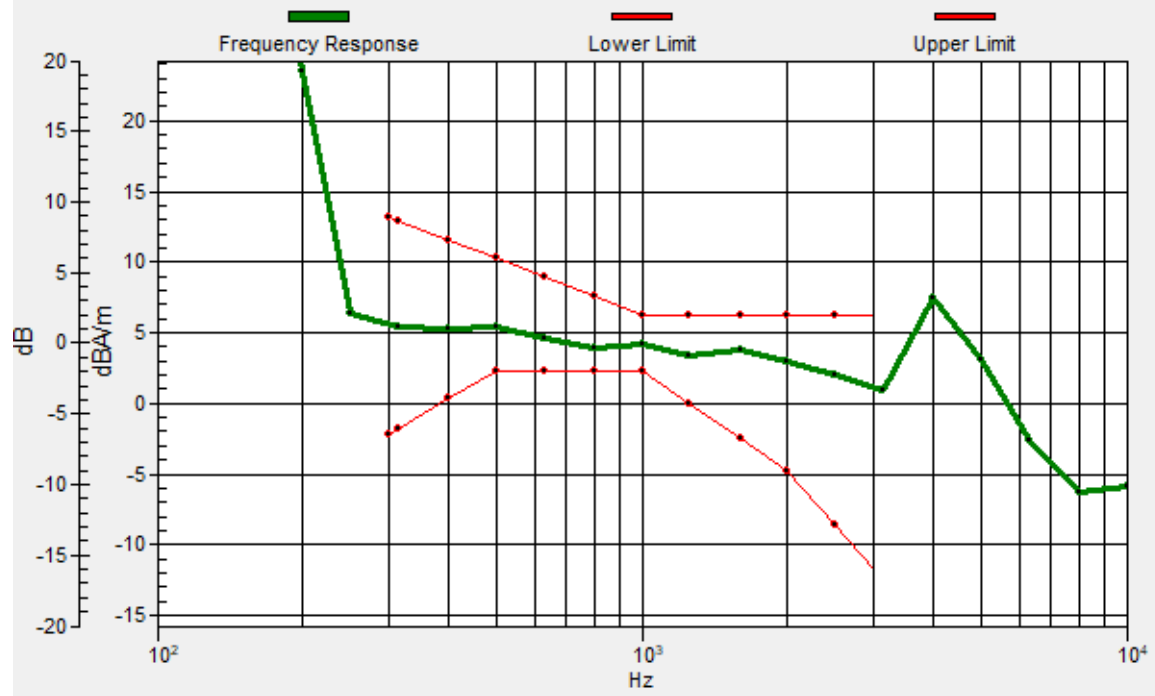
ABM1 comp = -1.25 dBA/m

Location: 11, -11.7, 3.7 mm



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

Loc: 10.9, -11.6, 3.7 mm Diff: 1.6dB



#22_HAC_T-Coil_LTE Band 30_10M_QPSK_1_0_Ch27710_Transversal (Y)

Communication System: LTE; Frequency: 2310 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 37.24 dB

ABM1 comp = -10.60 dBA/m

Location: 11, -25, 3.7 mm



#23_HAC_T-Coil_LTE Band 41_20M_QPSK_1_0_Ch40620_Axial (Z)

Communication System: LTE TDD; Frequency: 2593 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 42.62 dB

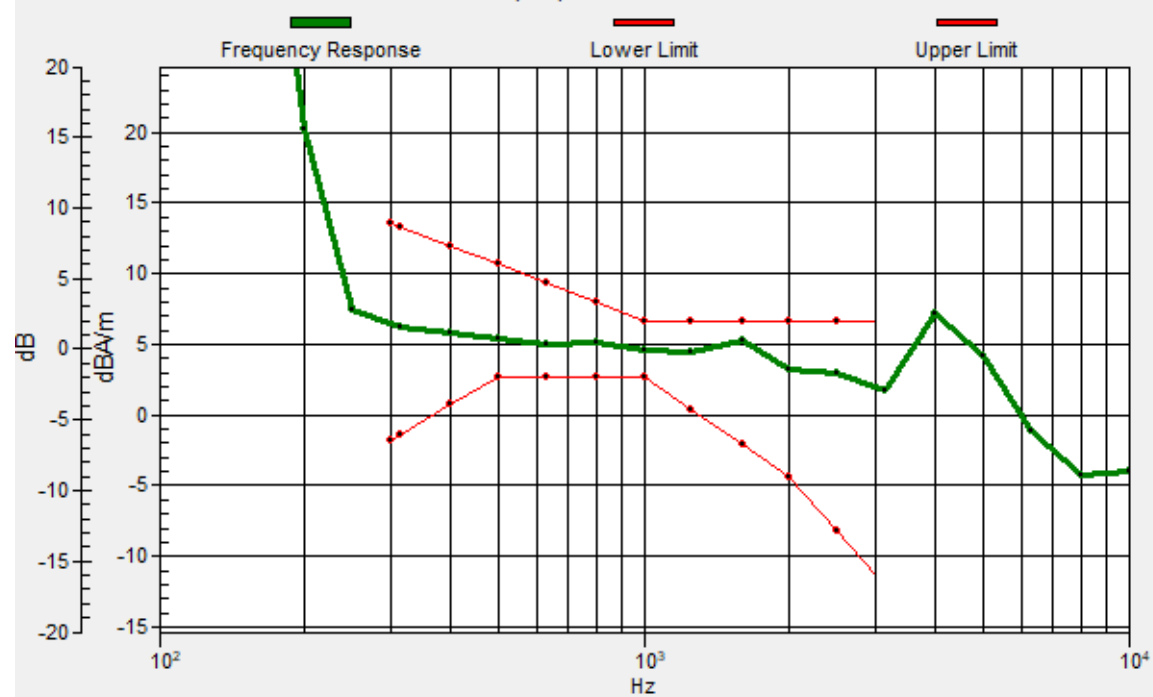
ABM1 comp = -3.91 dBA/m

Location: 10.3, -15.2, 3.7 mm



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

Loc: 10.6, -15, 3.7 mm Diff: 1.33dB



#23_HAC_T-Coil_LTE Band 41_20M_QPSK_1_0_Ch40620_Transversal (Y)

Communication System: LTE TDD; Frequency: 2593 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 34.55 dB

ABM1 comp = -10.02 dBA/m

Location: 4.7, -4, 3.7 mm



#24_HAC_T-Coil_LTE Band 48_20M_QPSK_1_0_Ch55830_Axial (Z)

Communication System: LTE TDD; Frequency: 3609 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 47.17 dB

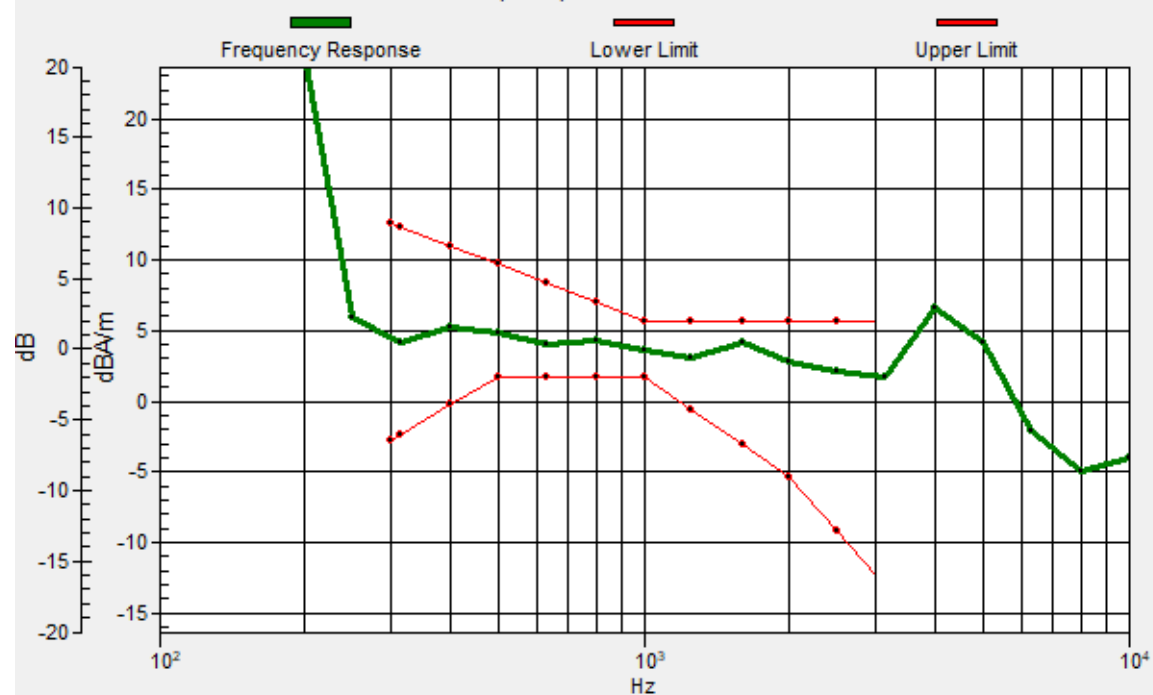
ABM1 comp = -0.67 dBA/m

Location: 6.8, -17.3, 3.7 mm



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

Loc: 7.1, -17.5, 3.7 mm Diff: 1.58dB



#24_HAC_T-Coil_LTE Band 48_20M_QPSK_1_0_Ch55830_Transversal (Y)

Communication System: LTE TDD; Frequency: 3609 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 37.78 dB

ABM1 comp = -6.89 dBA/m

Location: 8.9, -25, 3.7 mm



#25_HAC_T-Coil_LTE Band 66_20M_QPSK_1_0_Ch132322_Axial (Z)

Communication System: LTE; Frequency: 1745 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

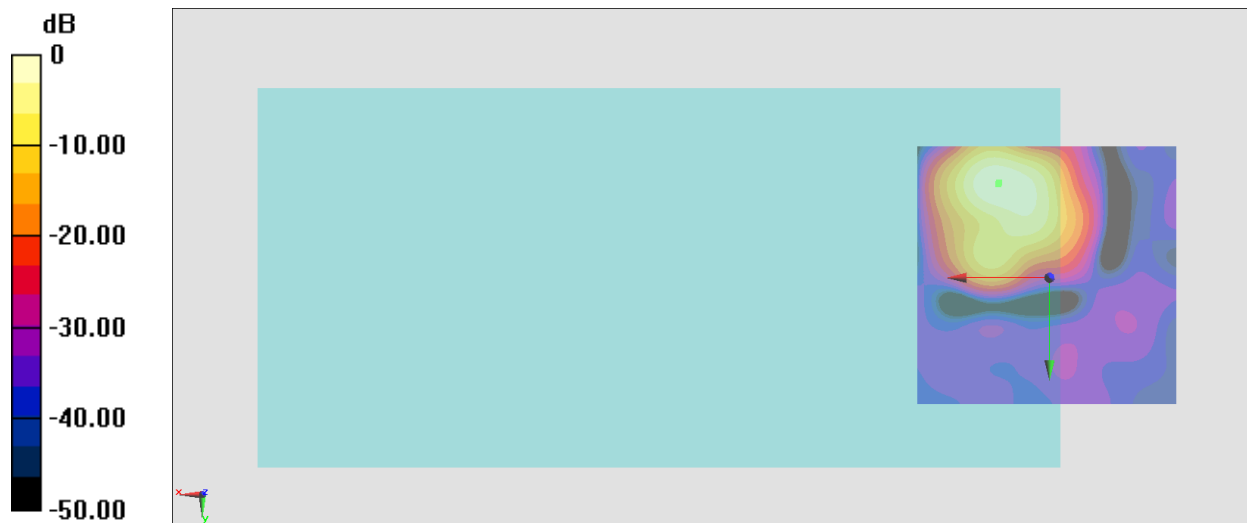
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 50.42 dB

ABM1 comp = -0.30 dBA/m

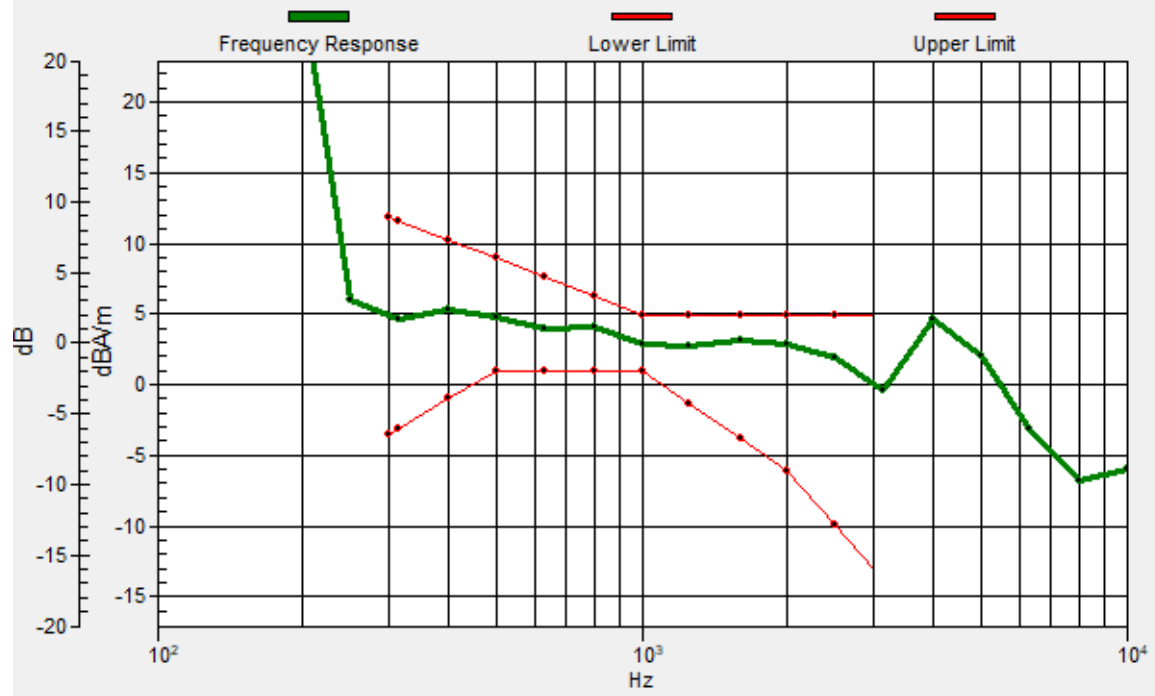
Location: 9.6, -18, 3.7 mm



0 dB = 331.8 = 50.42 dB

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

Loc: 9.7, -17.7, 3.7 mm Diff: 1.76dB



#25_HAC_T-Coil_LTE Band 66_20M_QPSK_1_0_Ch132322_Transversal (Y)

Communication System: LTE; Frequency: 1745 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 37.90 dB

ABM1 comp = -9.89 dBA/m

Location: 4, -3.3, 3.7 mm



#26_HAC_T-Coil_LTE Band 71_20M_QPSK_1_0_Ch133297_Axial (Z)

Communication System: LTE; Frequency: 680.5 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 51.06 dB

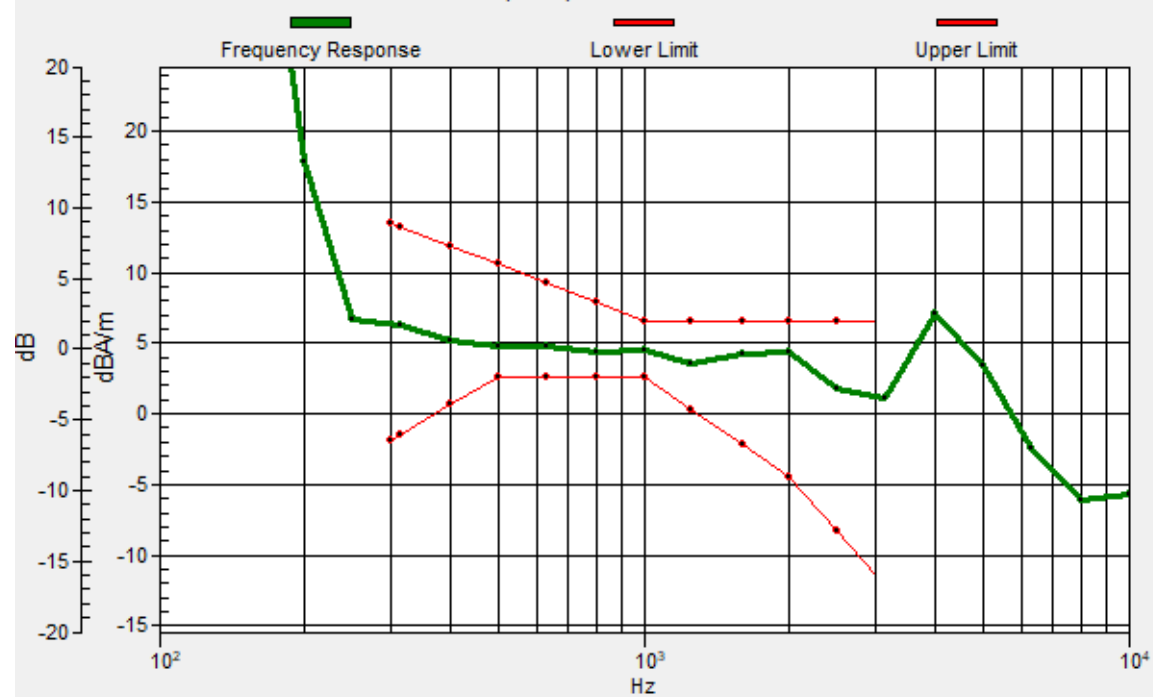
ABM1 comp = 0.16 dBA/m

Location: 10.3, -16.6, 3.7 mm



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

Loc: 10.6, -16.4, 3.7 mm Diff: 1.85dB



#26_HAC_T-Coil_LTE Band 71_20M_QPSK_1_0_Ch133297_Transversal (Y)

Communication System: LTE; Frequency: 680.5 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

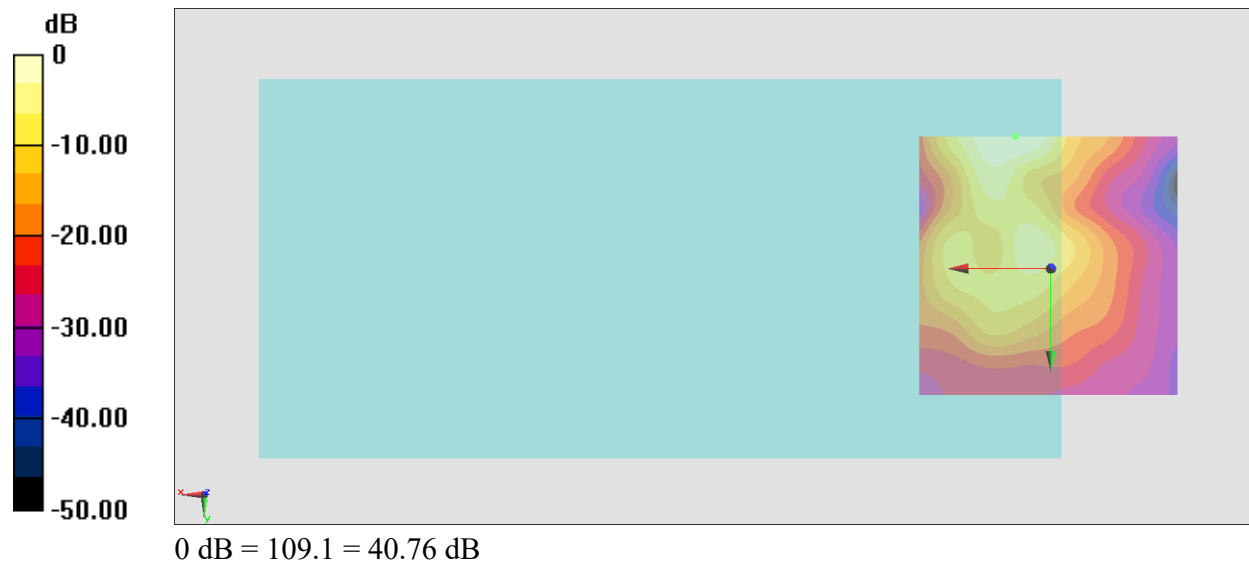
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 40.76 dB

ABM1 comp = -7.44 dBA/m

Location: 6.8, -25, 3.7 mm



#27_HAC_T-Coil_LTE Band 48_20M_QPSK_1_0_Ch55830_Axial (Z)

Communication System: LTE TDD; Frequency: 3609 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 47.17 dB

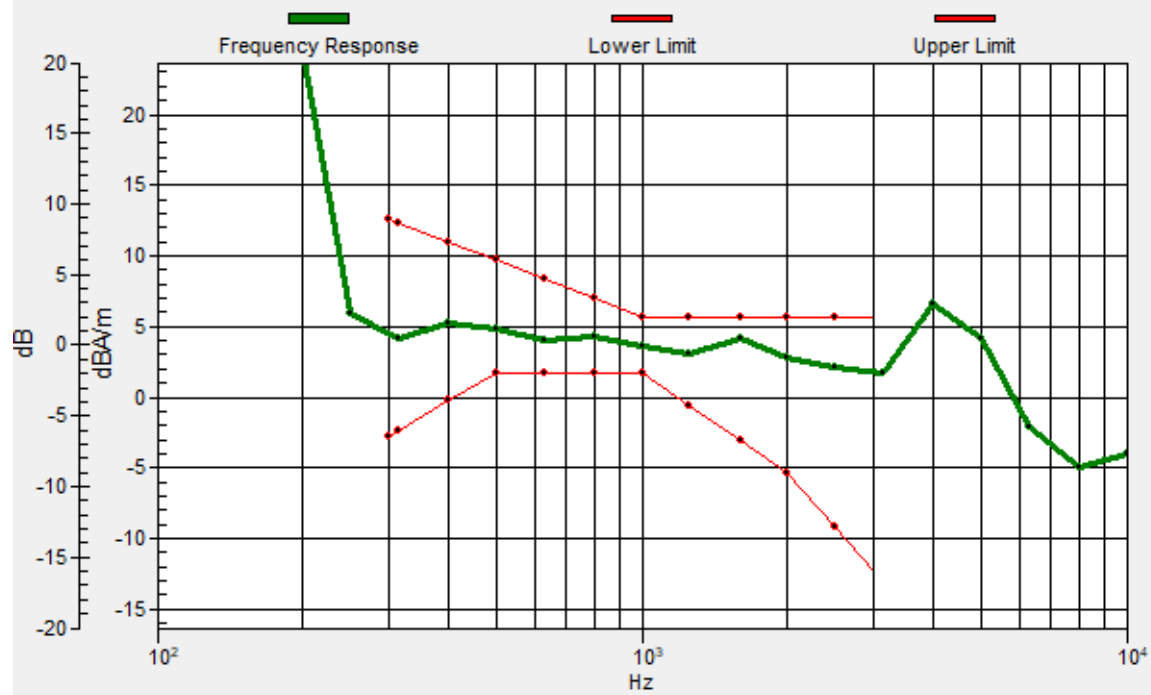
ABM1 comp = -0.67 dBA/m

Location: 6.8, -17.3, 3.7 mm



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

Loc: 7.1, -17.5, 3.7 mm Diff: 1.58dB



#27_HAC_T-Coil_LTE Band 48_20M_QPSK_1_0_Ch55830_Transversal (Y)

Communication System: LTE TDD; Frequency: 3609 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 37.78 dB

ABM1 comp = -6.89 dBA/m

Location: 8.9, -25, 3.7 mm



#28_HAC_T-Coil_WLAN2.4GHz_802.11b 1Mbps_Ch6_Axial (Z)

Communication System: 802.11b; Frequency: 2437 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 46.90 dB

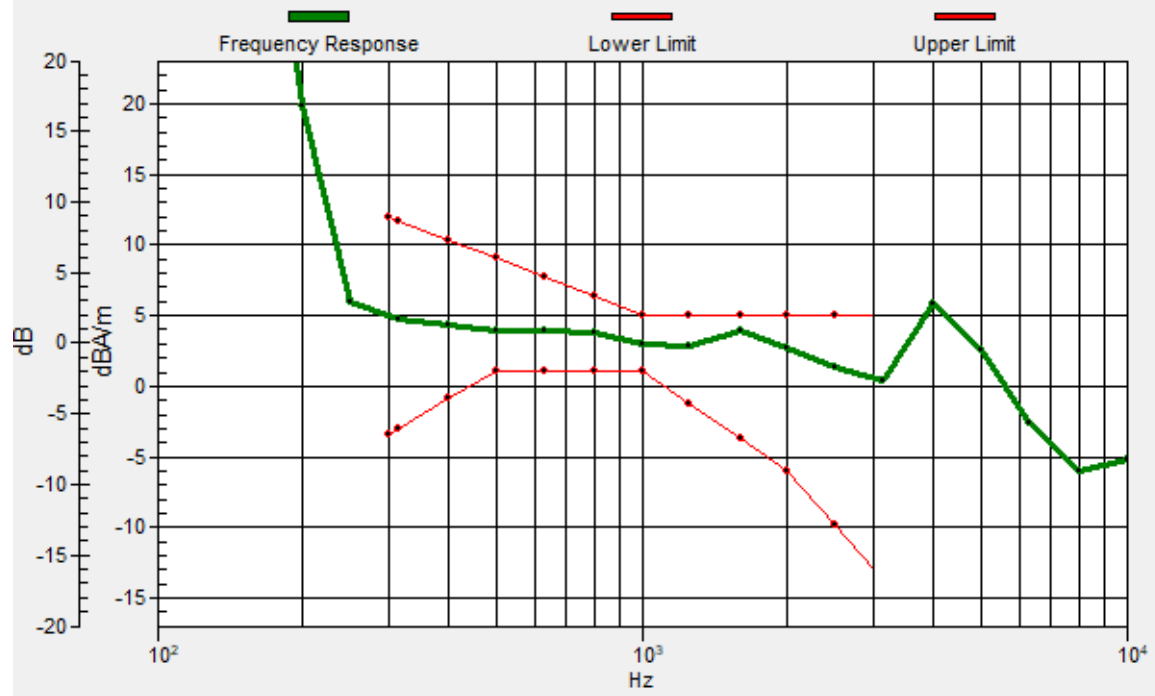
ABM1 comp = -3.55 dBA/m

Location: 4.7, -14.5, 3.7 mm



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

Loc: 4.8, -14.4, 3.7 mm Diff: 1.06dB



#28_HAC_T-Coil_WLAN2.4GHz_802.11b 1Mbps_Ch6_Transversal (Y)

Communication System: 802.11b; Frequency: 2437 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 38.21 dB

ABM1 comp = -9.25 dBA/m

Location: 4, -4, 3.7 mm



#29_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch40_Axial (Z)

Communication System: 802.11a; Frequency: 5200 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

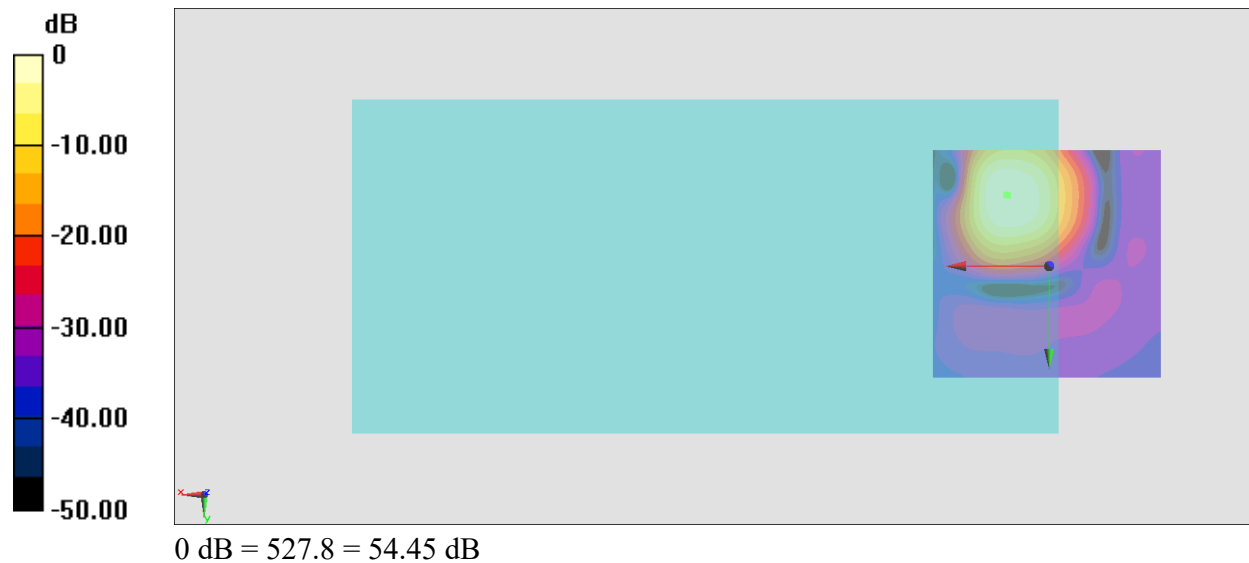
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 54.45 dB

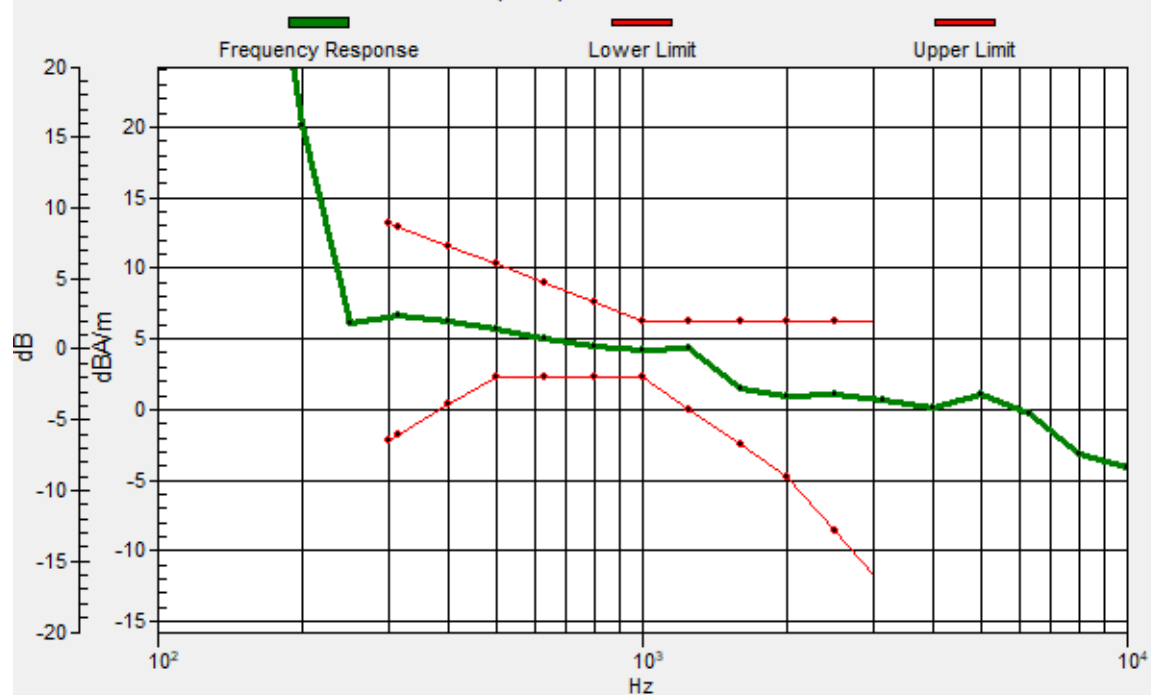
ABM1 comp = 4.48 dBA/m

Location: 8.9, -15.2, 3.7 mm



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

Loc: 9.2, -15.3, 3.7 mm Diff: 1.91dB



#29_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch40_Transversal (Y)

Communication System: 802.11a; Frequency: 5200 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

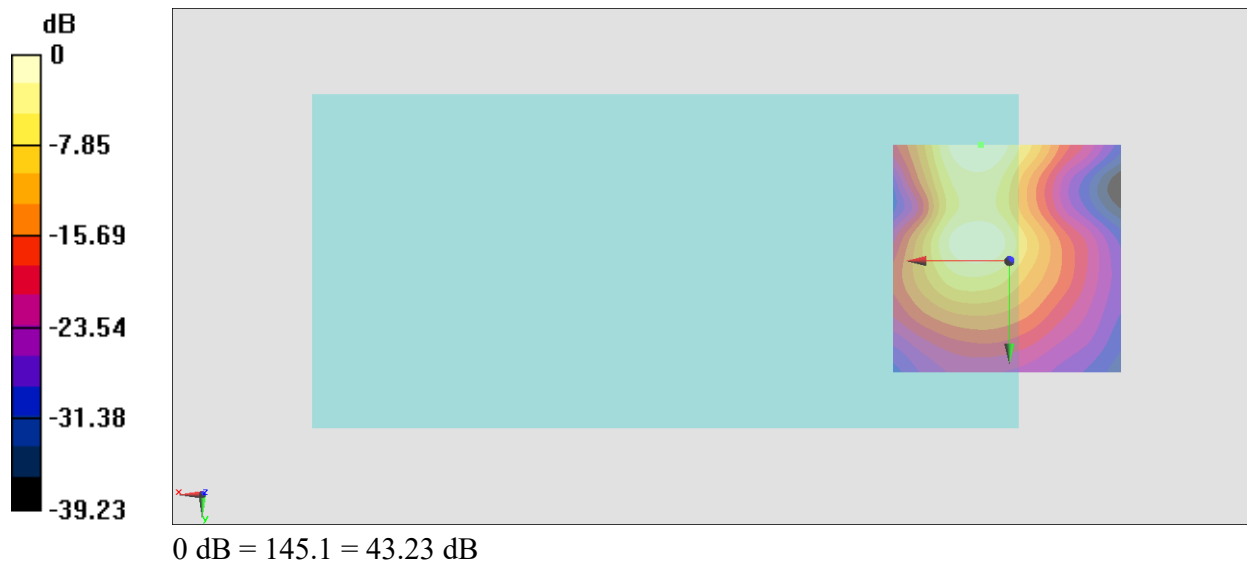
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 43.23 dB

ABM1 comp = -3.99 dBA/m

Location: 6.1, -25, 3.7 mm



#30_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch60_Axial (Z)

Communication System: 802.11a; Frequency: 5300 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 53.62 dB

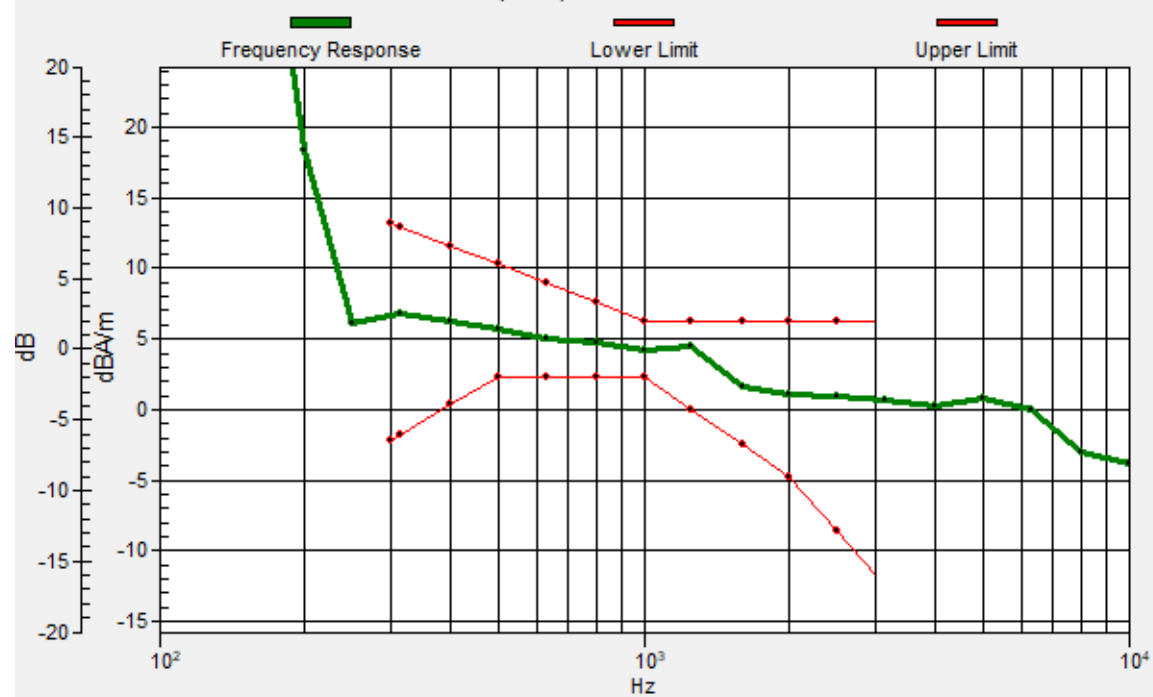
ABM1 comp = 4.90 dBA/m

Location: 8.9, -15.9, 3.7 mm



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

Loc: 8.6, -15.8, 3.7 mm Diff: 1.86dB



#30_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch60_Transversal (Y)

Communication System: 802.11a; Frequency: 5300 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

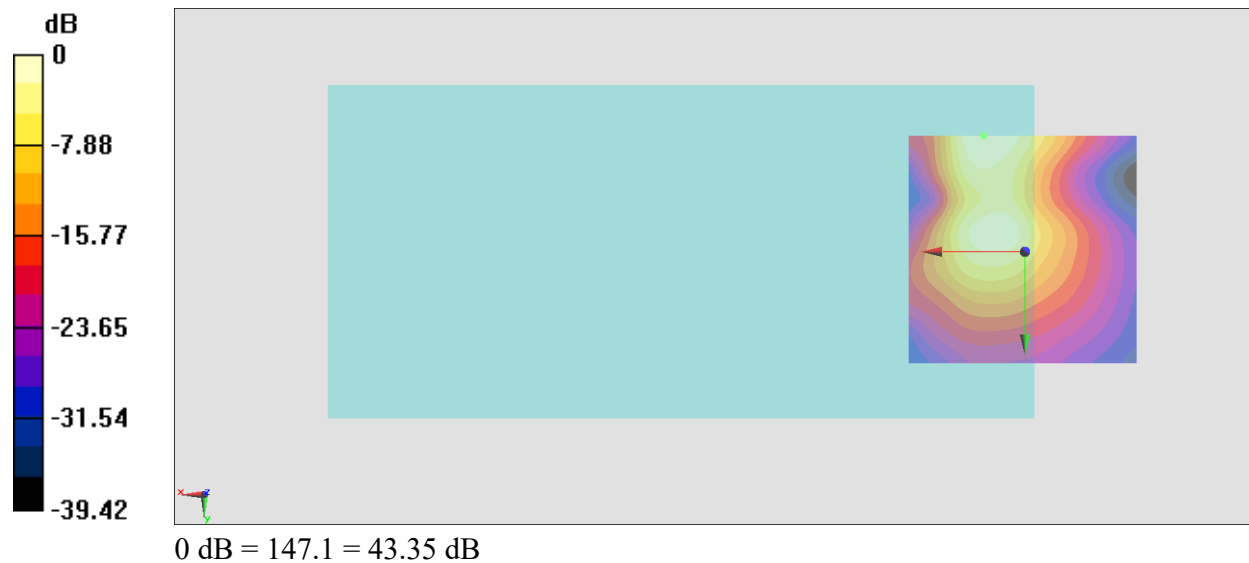
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 43.35 dB

ABM1 comp = -3.44 dBA/m

Location: 8.9, -25, 3.7 mm



#31_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch124_Axial (Z)

Communication System: 802.11a; Frequency: 5620 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 54.21 dB

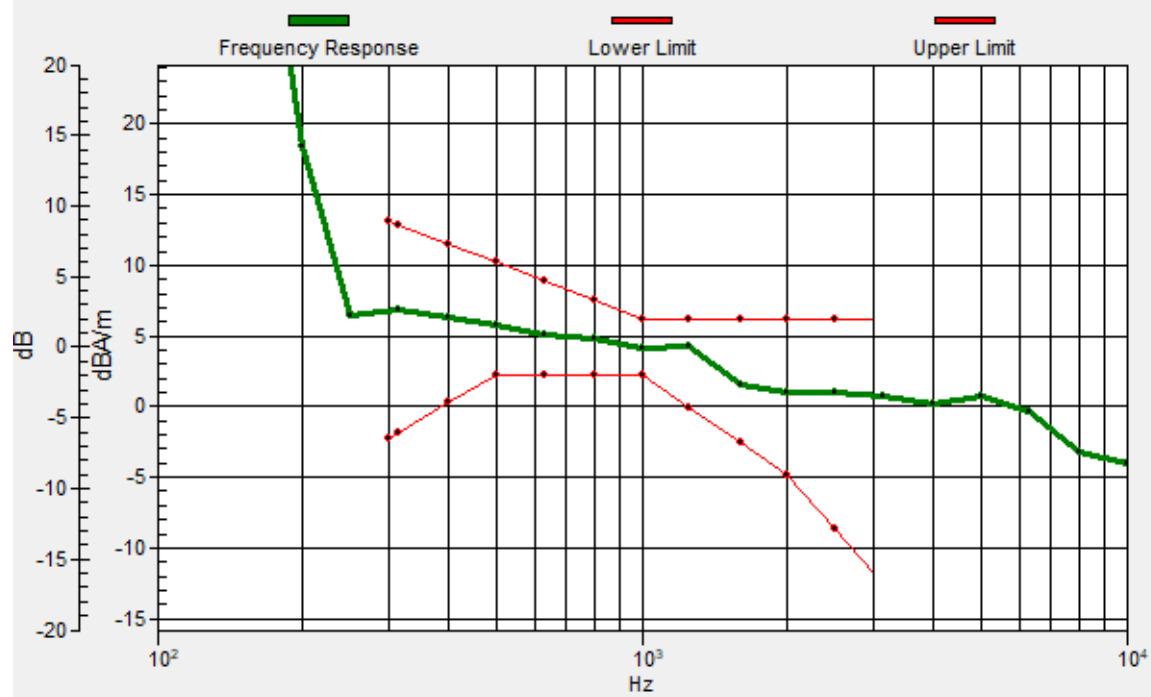
ABM1 comp = 4.67 dBA/m

Location: 8.9, -15.2, 3.7 mm



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

Loc: 9, -15.1, 3.7 mm Diff: 1.92dB



#31_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch124_Transversal (Y)

Communication System: 802.11a; Frequency: 5620 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 43.53 dB

ABM1 comp = -3.69 dBA/m

Location: 6.8, -25, 3.7 mm



#32_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch157_Axial (Z)

Communication System: 802.11a; Frequency: 5620 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 54.20 dB

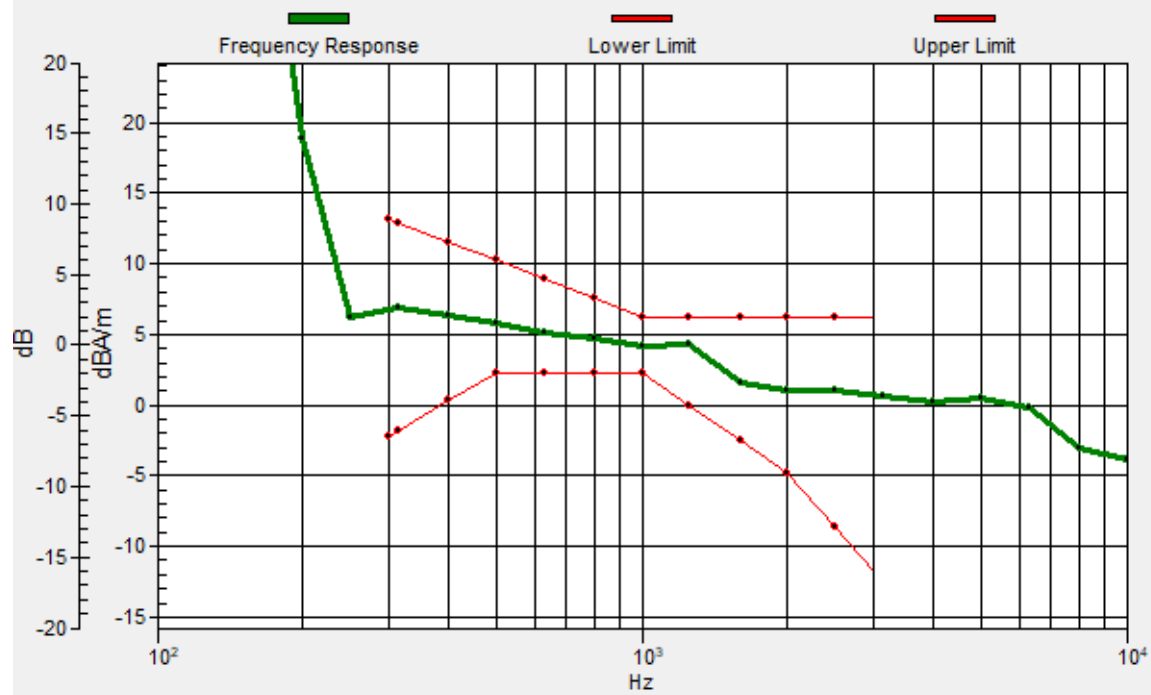
ABM1 comp = 4.64 dBA/m

Location: 8.9, -15.2, 3.7 mm



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

Loc: 9, -15.1, 3.7 mm Diff: 1.96dB



#32_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch157_Transversal (Y)

Communication System: 802.11a; Frequency: 5620 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 42.80 dB

ABM1 comp = -3.87 dBA/m

Location: 7.5, -25, 3.7 mm



#33_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch173_Axial (Z)

Communication System: 802.11a ; Frequency: 5865 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

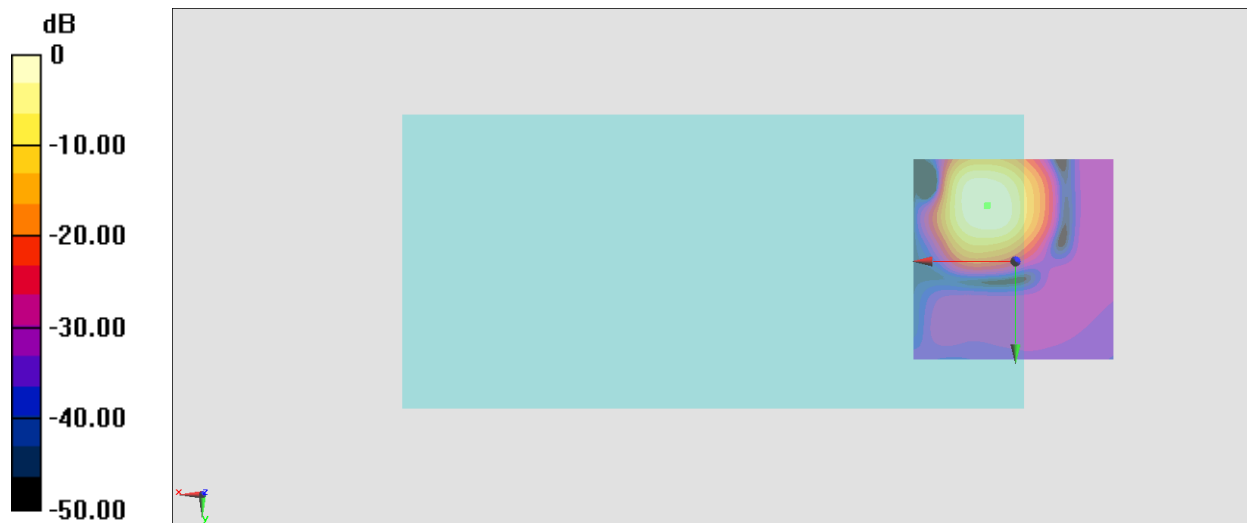
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 56.30 dB

ABM1 comp = 4.08 dBA/m

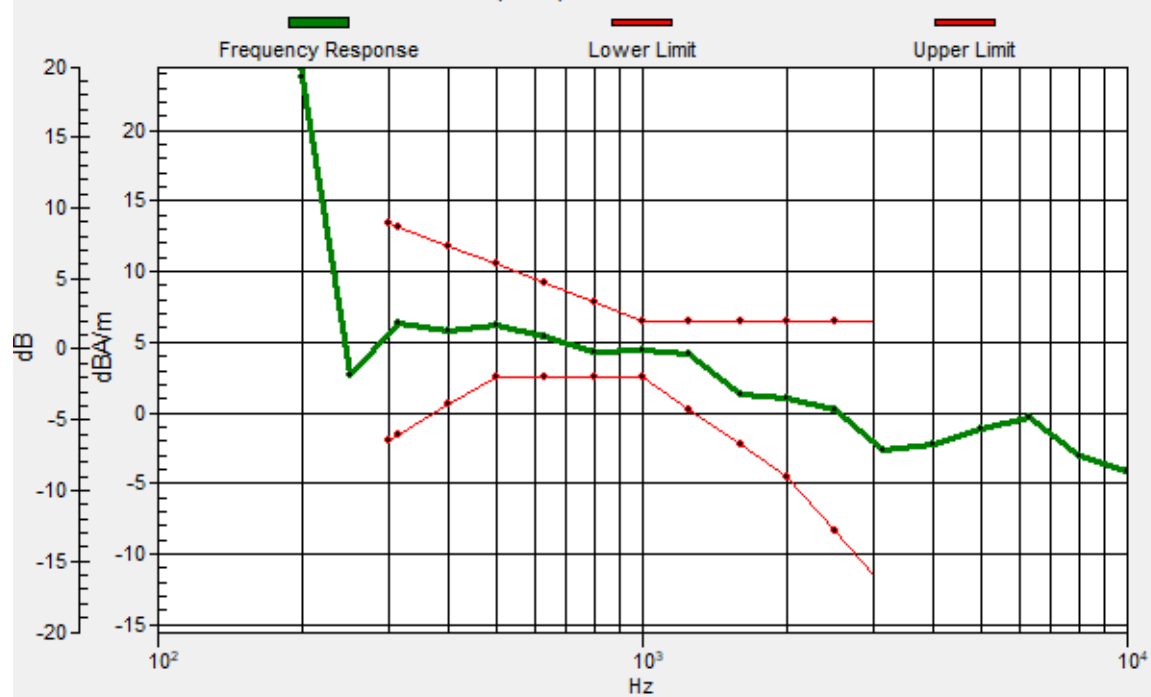
Location: 6.8, -13.8, 3.7 mm



0 dB = 653.3 = 56.30 dB

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

Loc: 6.9, -13.6, 3.7 mm Diff: 1.79dB



#33_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch173_Transversal (Y)

Communication System: 802.11a; Frequency: 5865 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

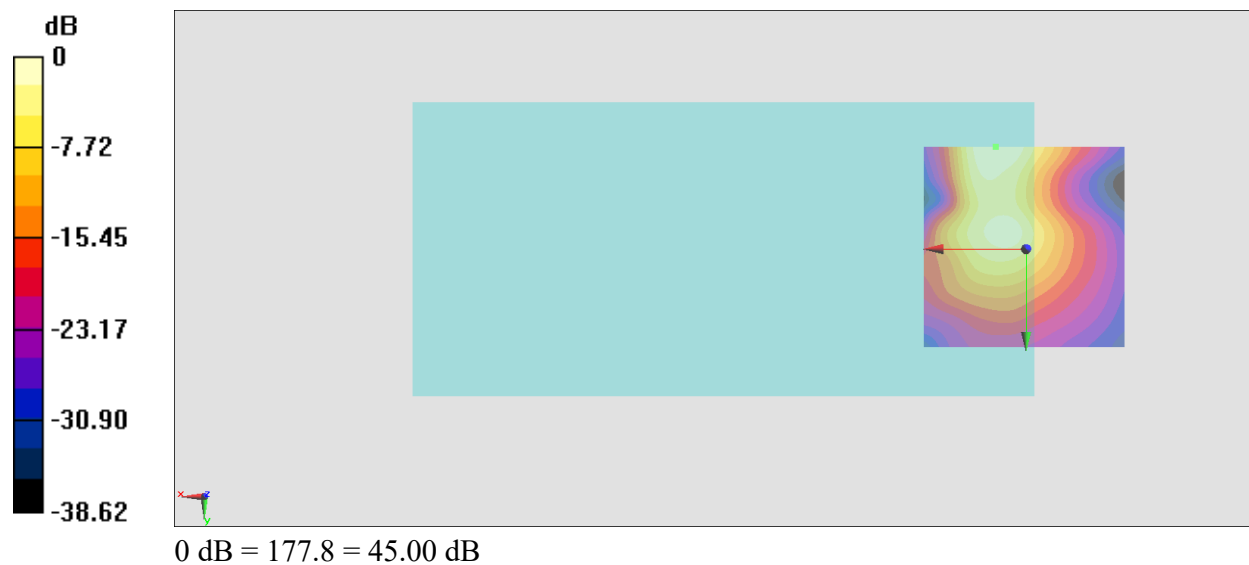
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 45.00 dB

ABM1 comp = -1.67 dBA/m

Location: 7.5, -25, 3.7 mm



#34_HAC_T-Coil_GSM850_EDGE 2TX Slot_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: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 50.11 dB

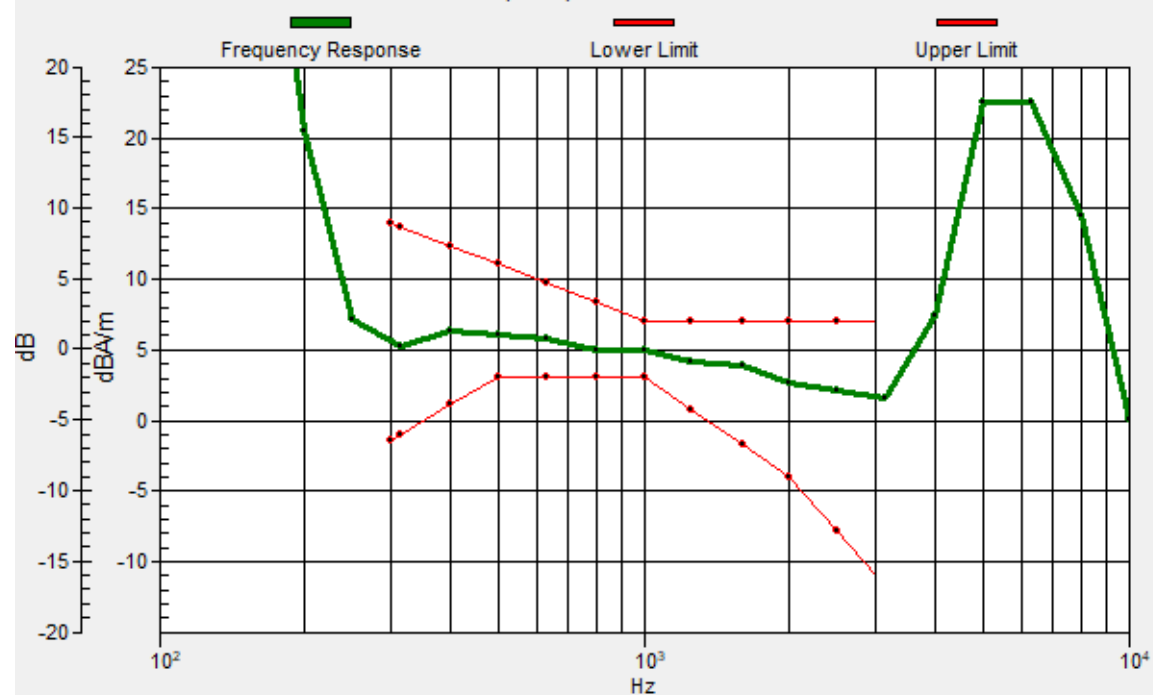
ABM1 comp = 5.12 dBA/m

Location: 10.3, -16.6, 3.7 mm



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

Loc: 10.6, -16.7, 3.7 mm Diff: 1.95dB



#34_HAC_T-Coil_GSM850_EDGE 2TX Slot_Ch189_Transversal (Y)

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: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

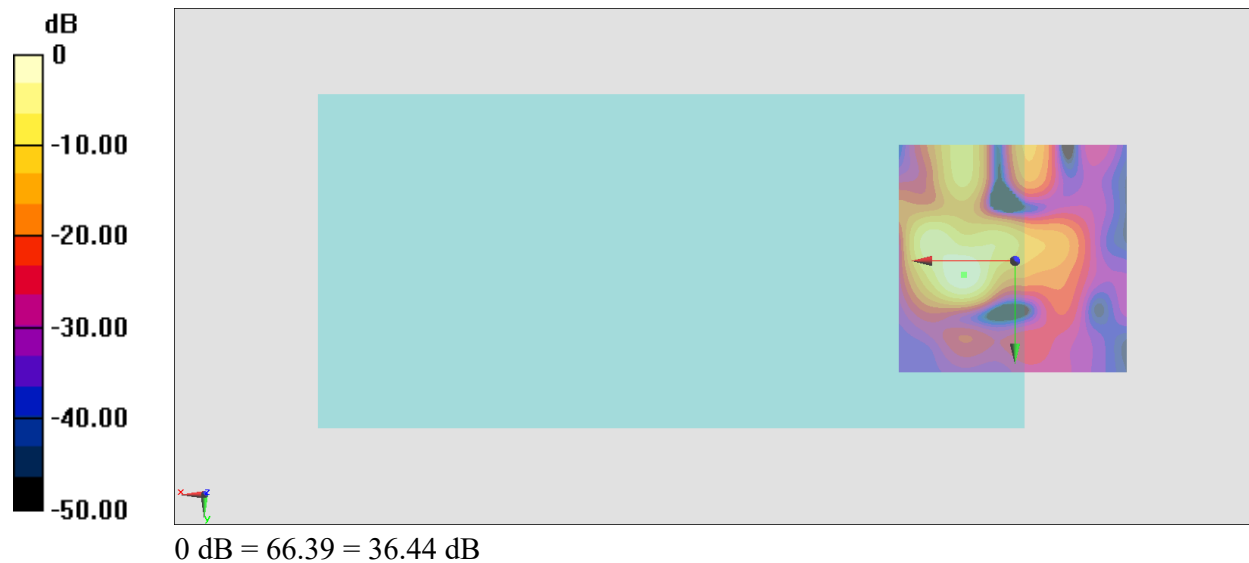
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 36.44 dB

ABM1 comp = -5.34 dBA/m

Location: 11, 3, 3.7 mm



#35_HAC_T-Coil_GSM1900_EDGE 2TX Slot_Ch661_Axial (Z)

Communication System: PCS; Frequency: 1880 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

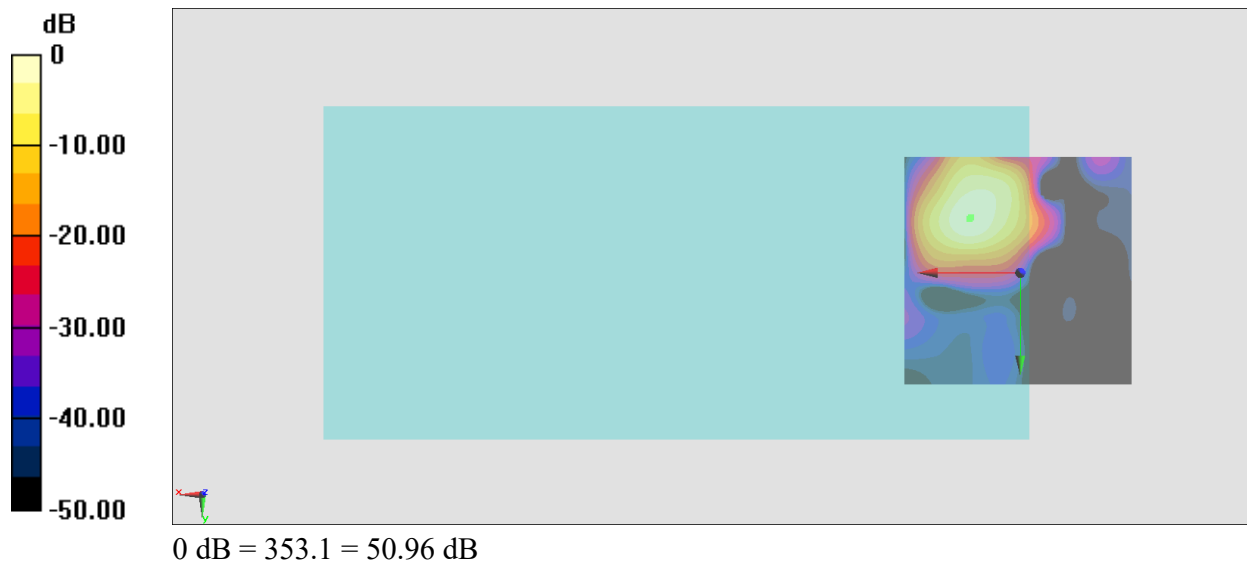
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 50.96 dB

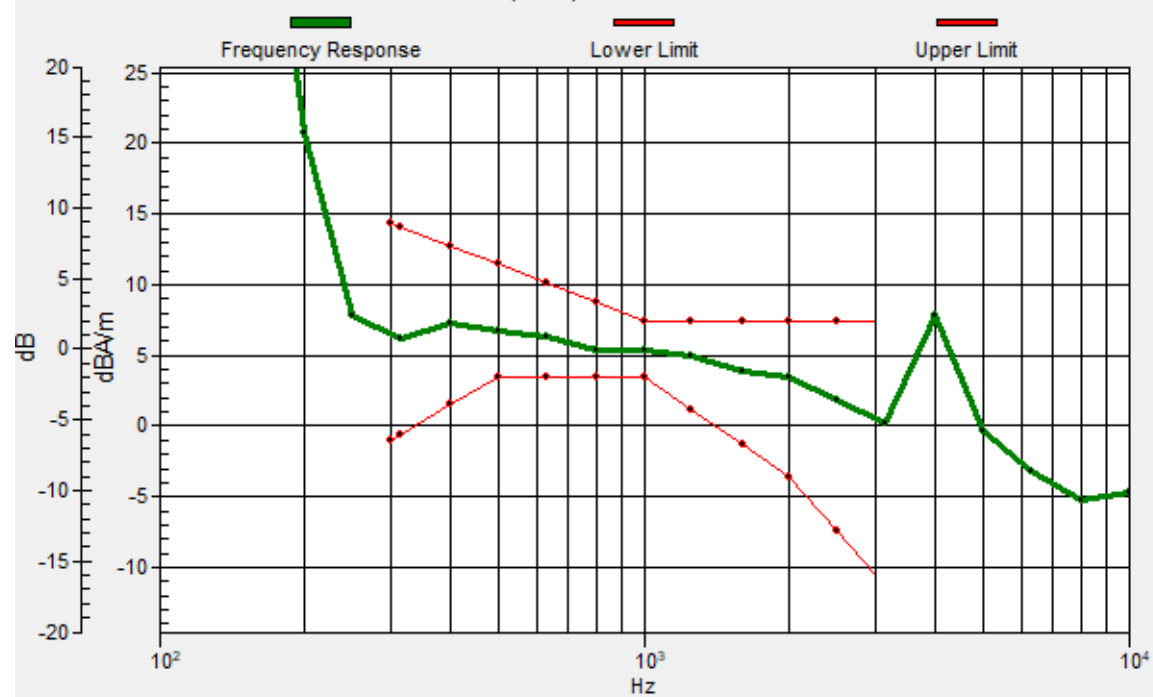
ABM1 comp = 6.50 dBA/m

Location: 11, -11.7, 3.7 mm



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

Loc: 10.6, -11.9, 3.7 mm Diff: 1.9dB



#35_HAC_T-Coil_GSM1900_EDGE 2TX Slot_Ch661_Transversal (Y)

Communication System: PCS; Frequency: 1880 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

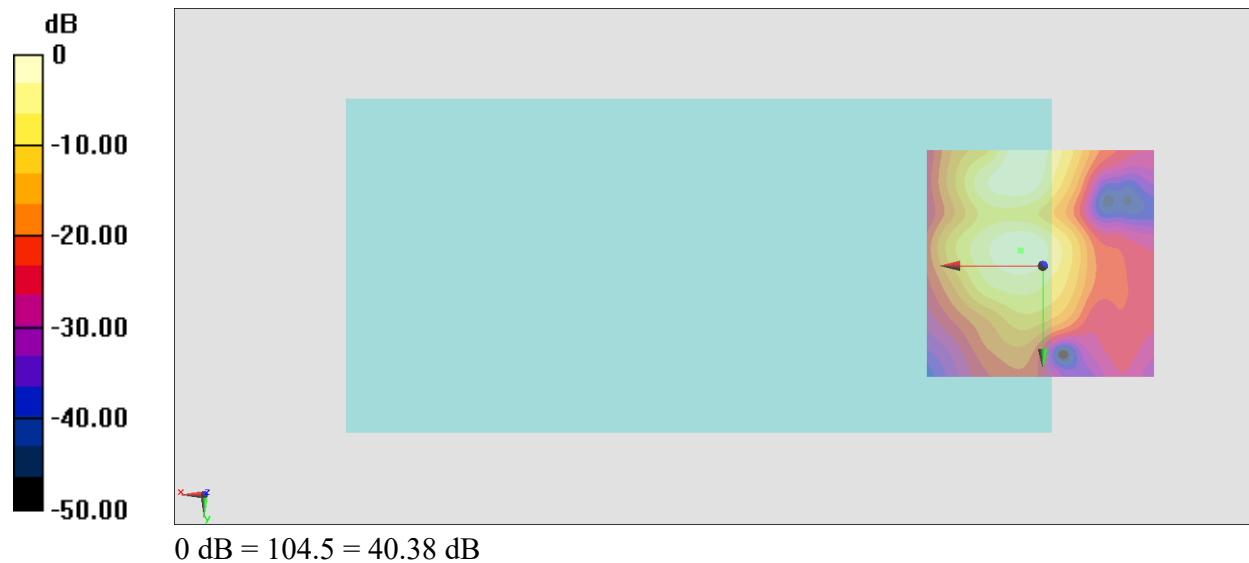
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 40.38 dB

ABM1 comp = -3.39 dBA/m

Location: 4.7, -3.3, 3.7 mm



#36_HAC_T-Coil_WCDMA II_HSPA_Ch9400_Axial (Z)

Communication System: WCDMA ; Frequency: 1880 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

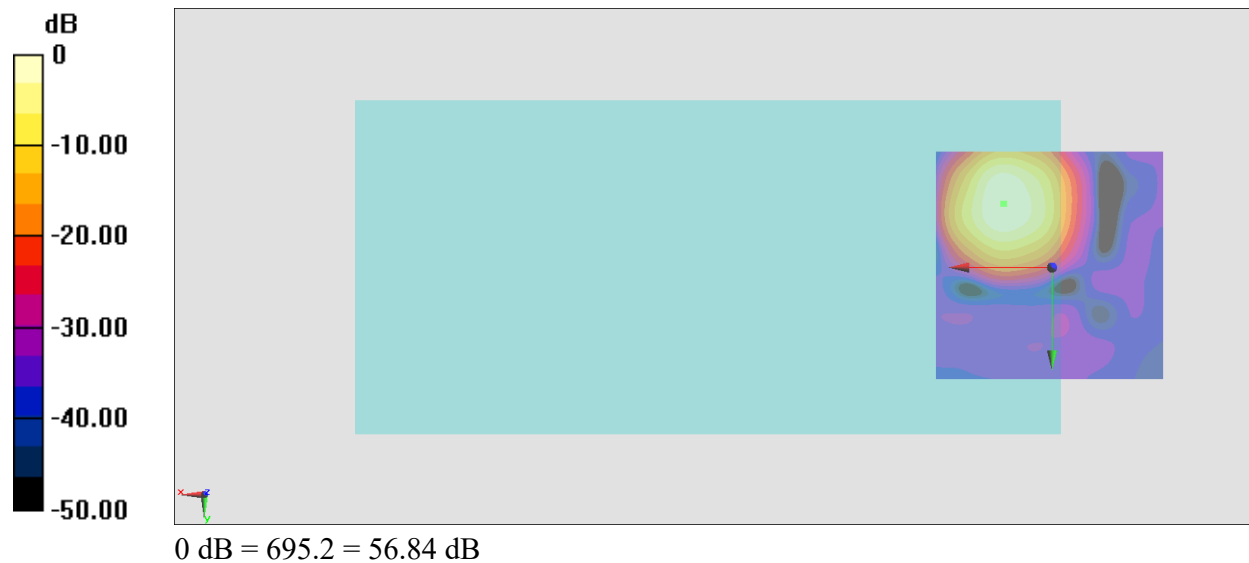
- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 56.84 dB

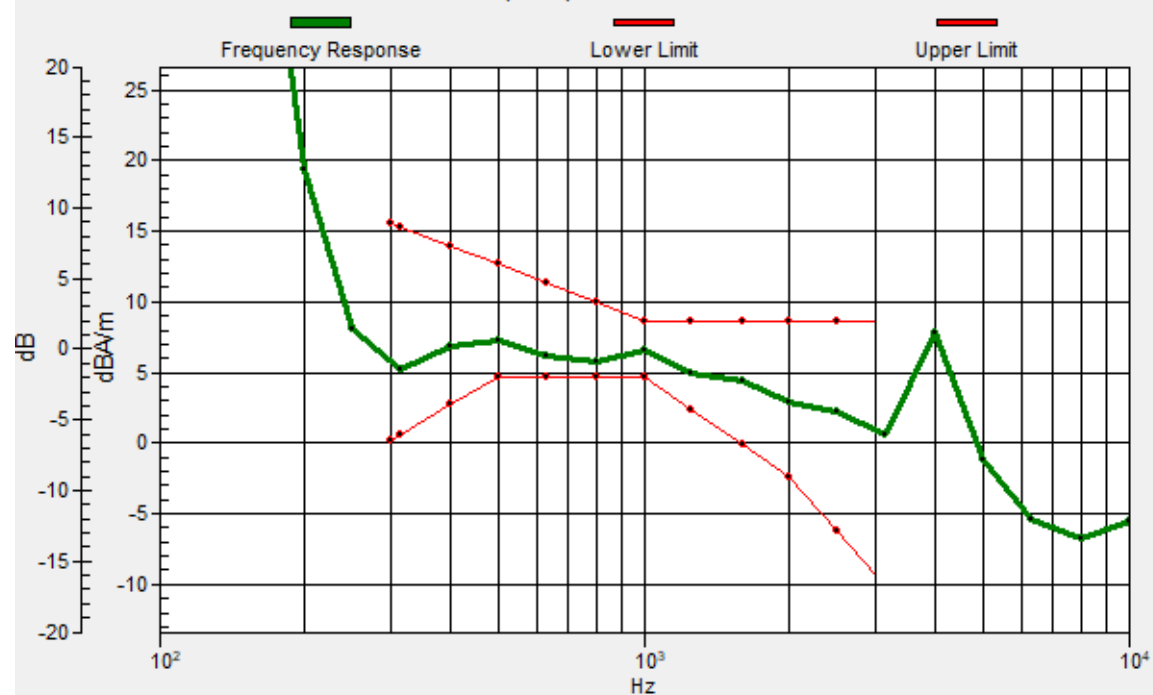
ABM1 comp = 7.41 dBA/m

Location: 10.3, -13.8, 3.7 mm



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

Loc: 10.4, -13.8, 3.7 mm Diff: 1.09dB



#36_HAC_T-Coil_WCDMA II_HSPA_Ch9400_Transversal (Y)

Communication System: WCDMA ; Frequency: 1880 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 45.04 dB

ABM1 comp = -1.10 dBA/m

Location: 9.6, -3.3, 3.7 mm



#37_HAC_T-Coil_WCDMA IV_HSPA_Ch1413_Axial (Z)

Communication System: WCDMA; Frequency: 1732.6 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 56.68 dB

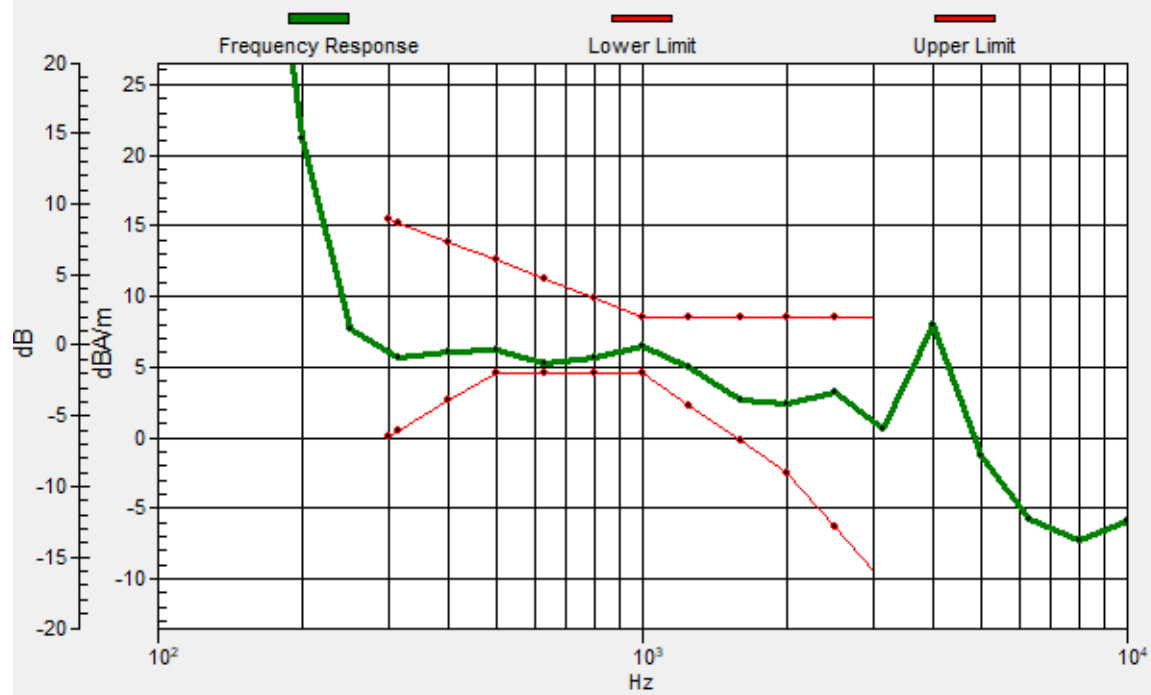
ABM1 comp = 6.27 dBA/m

Location: 10.3, -14.5, 3.7 mm



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

Loc: 10.4, -14.8, 3.7 mm Diff: 0.71dB



#37_HAC_T-Coil_WCDMA IV_HSPA_Ch1413_Transversal (Y)

Communication System: WCDMA; Frequency: 1732.6 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 44.94 dB

ABM1 comp = -1.69 dBA/m

Location: 10.3, -4, 3.7 mm



#38_HAC_T-Coil_WCDMA V_HSPA_Ch4182_Axial (Z)

Communication System: WCDMA; Frequency: 836.4 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 55.12 dB

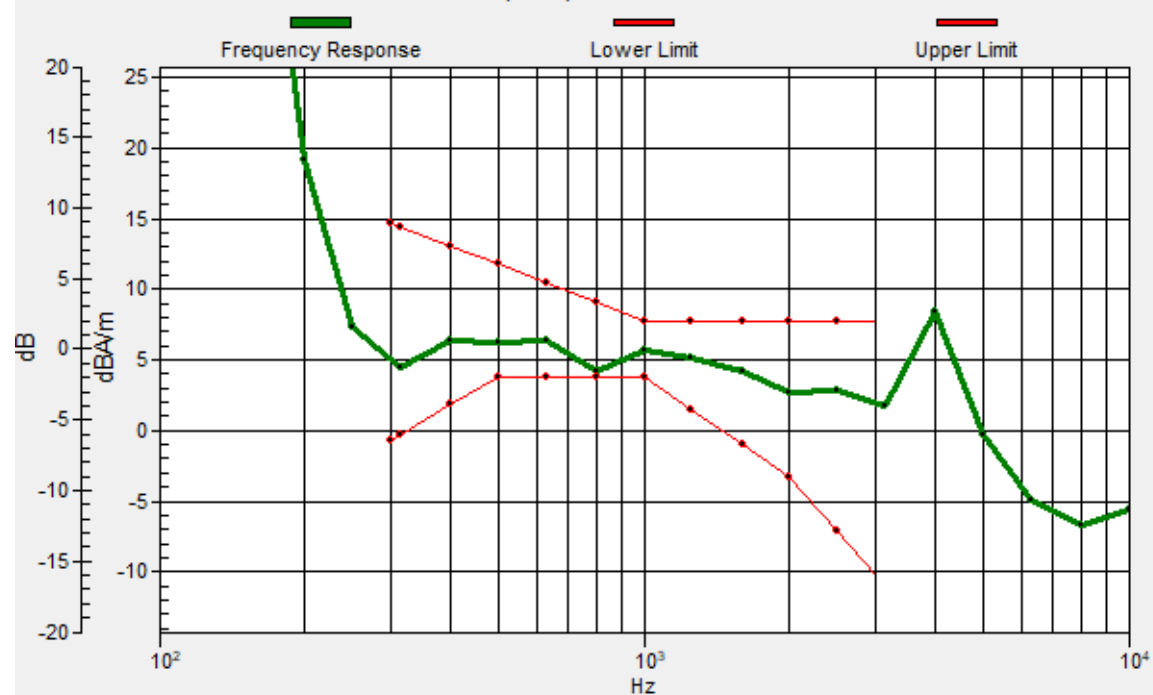
ABM1 comp = 5.75 dBA/m

Location: 10.3, -15.2, 3.7 mm



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

Loc: 10.2, -15.3, 3.7 mm Diff: 0.49dB



#38_HAC_T-Coil_WCDMA V_HSPA_Ch4182_Transversal (Y)

Communication System: WCDMA; Frequency: 836.4 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

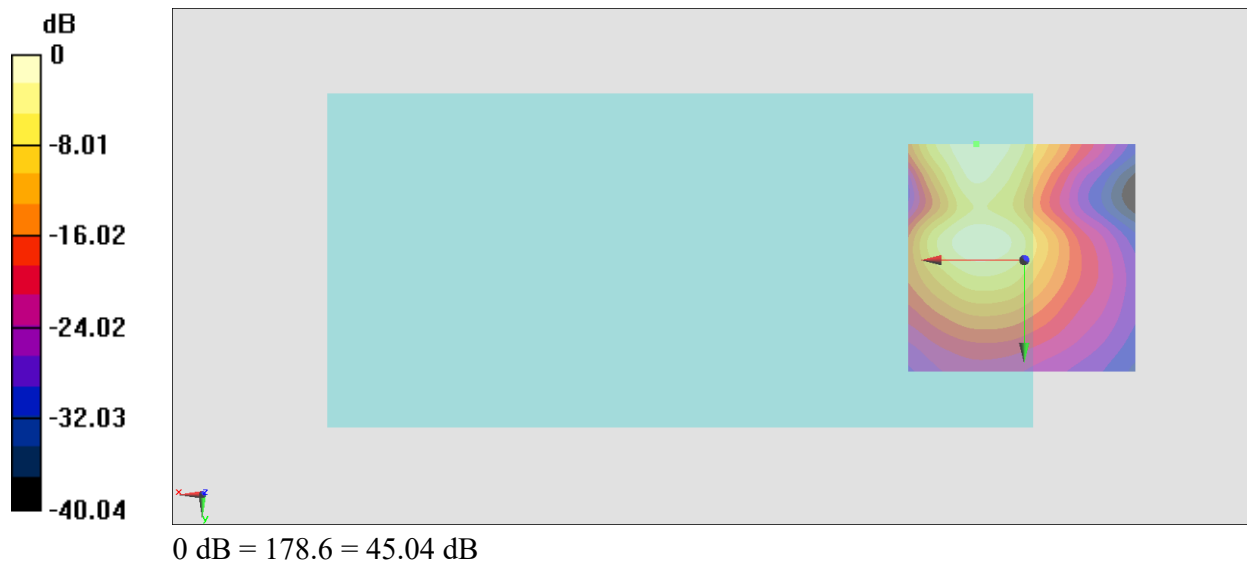
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 45.04 dB

ABM1 comp = -1.51 dBA/m

Location: 10.3, -25, 3.7 mm



#39_HAC_T-Coil_LTE Band 30_10M_QPSK_1_0_Ch27710_Axial (Z)

Communication System: LTE; Frequency: 2310 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26

- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29

- 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 = 57.66 dB

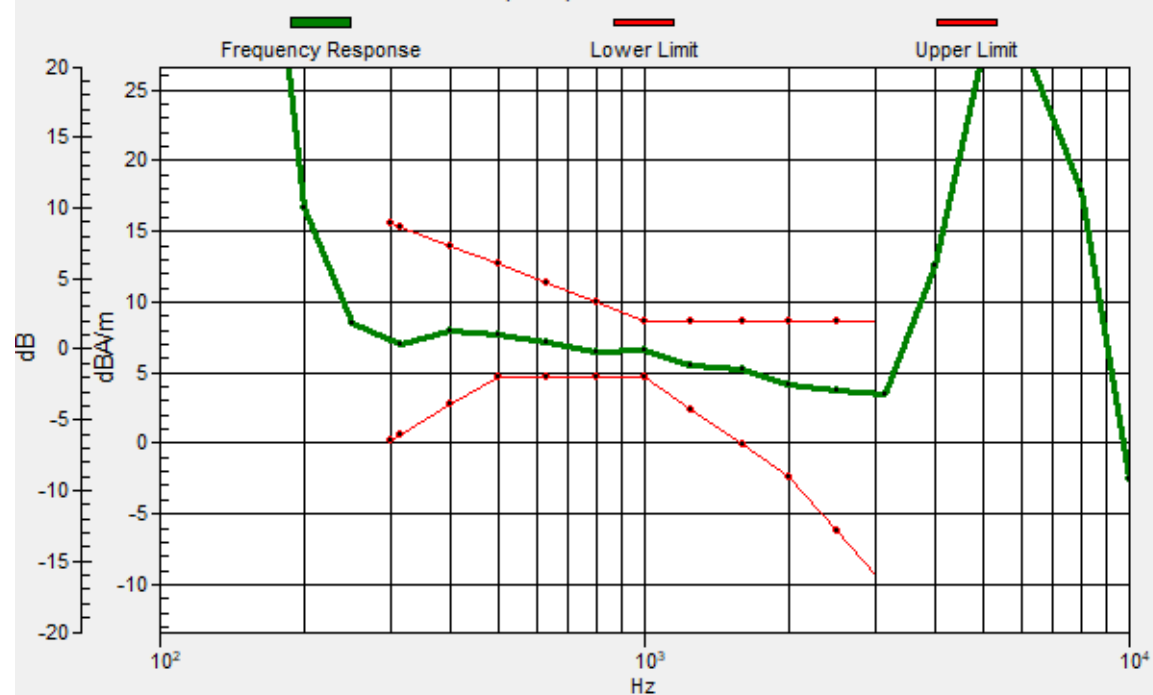
ABM1 comp = 7.44 dBA/m

Location: 10.3, -13.8, 3.7 mm



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

Loc: 10.1, -13.7, 3.7 mm Diff: 1.73dB



#39_HAC_T-Coil_LTE Band 30_10M_QPSK_1_0_Ch27710_Transversal (Y)

Communication System: LTE; Frequency: 2310 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 46.53 dB

ABM1 comp = -0.35 dBA/m

Location: 8.9, -3.3, 3.7 mm



#40_HAC_T-Coil_LTE Band 41_20M_QPSK_1_0_Ch40620_Axial (Z)

Communication System: LTE TDD; Frequency: 2593 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 54.07 dB

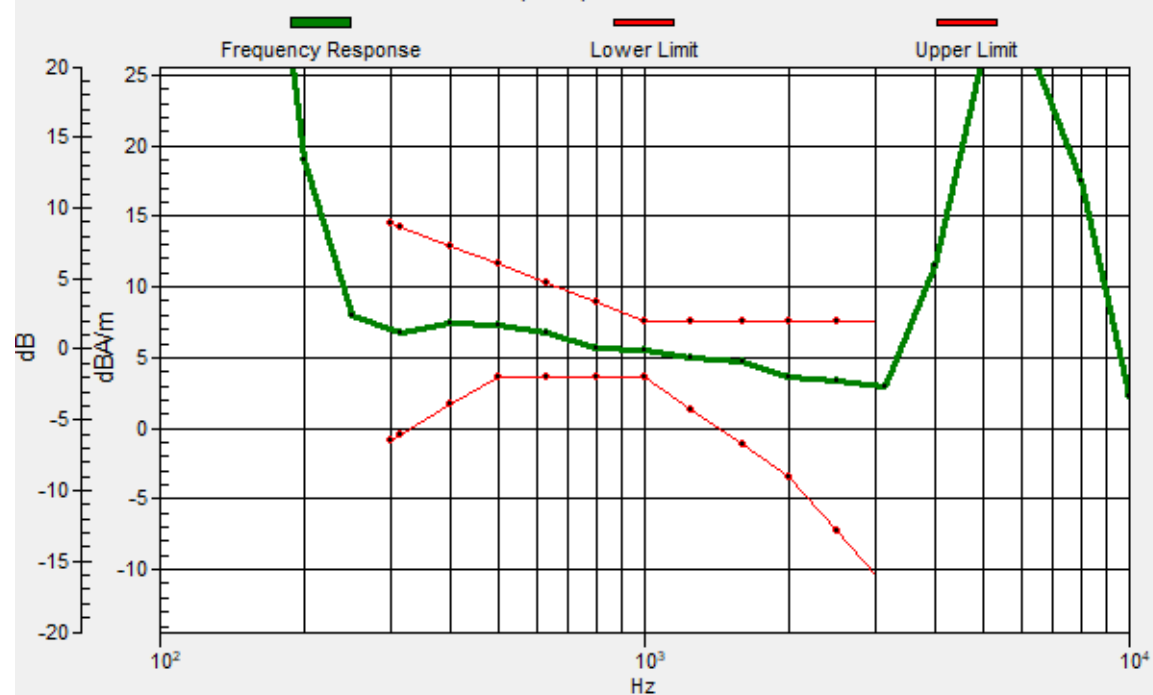
ABM1 comp = 6.94 dBA/m

Location: 10.3, -15.2, 3.7 mm



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

Loc: 10.2, -15.1, 3.7 mm Diff: 2dB



#40_HAC_T-Coil_LTE Band 41_20M_QPSK_1_0_Ch40620_Transversal (Y)

Communication System: LTE TDD; Frequency: 2593 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 43.33 dB

ABM1 comp = -2.08 dBA/m

Location: 6.1, -20.8, 3.7 mm



#41_HAC_T-Coil_WLAN2.4GHz_802.11b 1Mbps_Ch6_Axial (Z)

Communication System: 802.11b; Frequency: 2437 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 53.43 dB

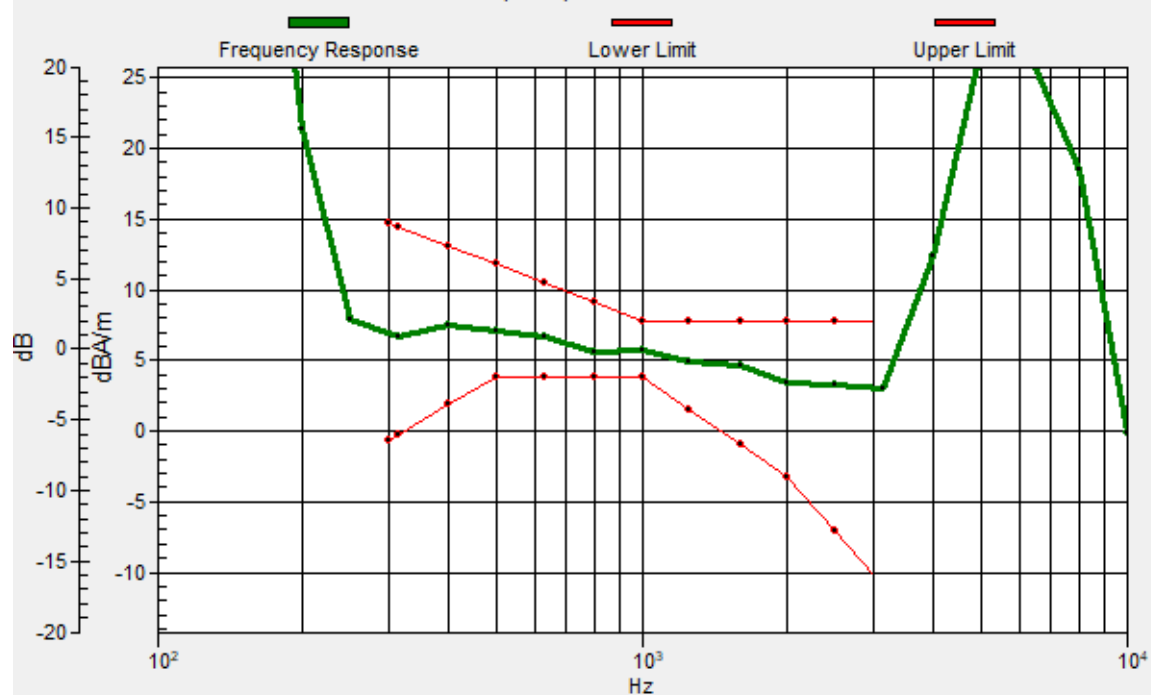
ABM1 comp = 5.82 dBA/m

Location: 6.1, -11.7, 3.7 mm



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

Loc: 10.5, -11.9, 3.7 mm Diff: 1.78dB



#41_HAC_T-Coil_WLAN2.4GHz_802.11b 1Mbps_Ch6_Transversal (Y)

Communication System: 802.11b; Frequency: 2437 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 45.14 dB

ABM1 comp = -1.69 dBA/m

Location: 6.8, -20.1, 3.7 mm



#42_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch157_Axial (Z)

Communication System: 802.11a; Frequency: 5785 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 56.97 dB

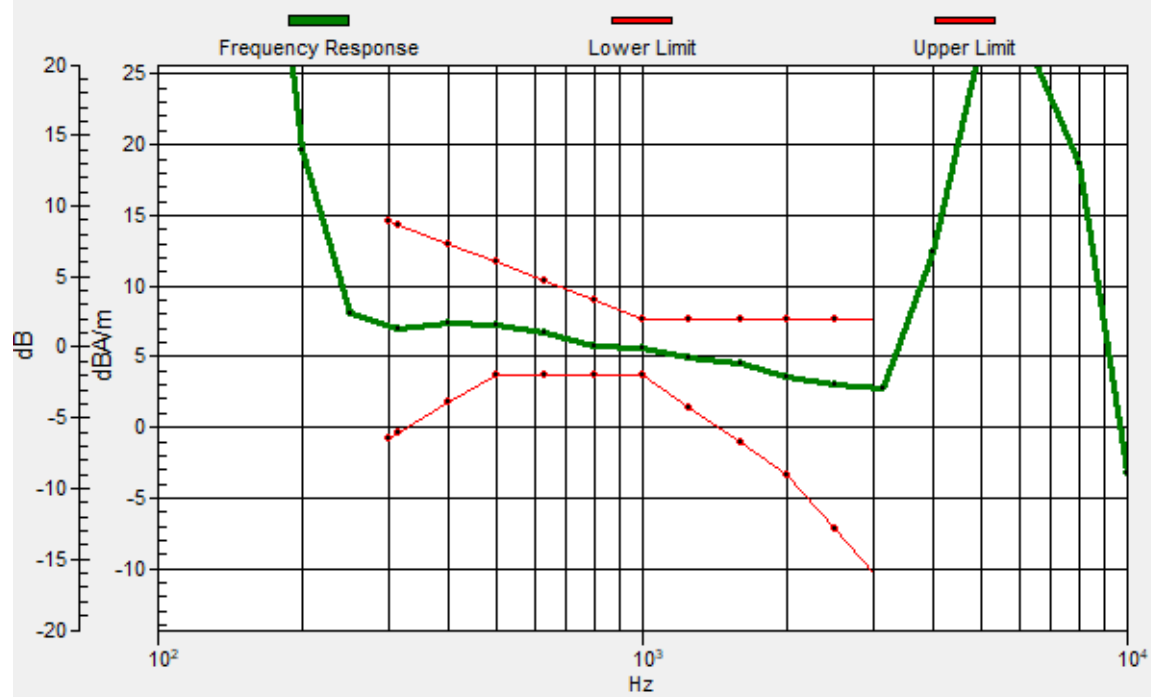
ABM1 comp = 7.56 dBA/m

Location: 8.9, -12.4, 3.7 mm



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

Loc: 8.7, -12.5, 3.7 mm Diff: 2dB



#42_HAC_T-Coil_WLAN5GHz_802.11a 6Mbps_Ch157_Transversal (Y)

Communication System: 802.11a; Frequency: 5785 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

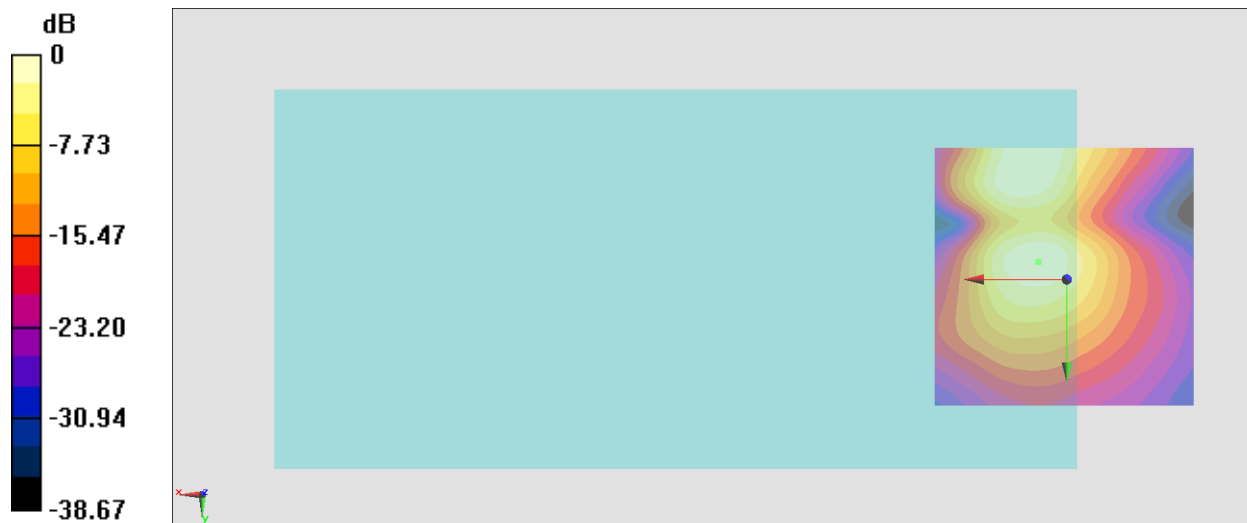
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 44.16 dB

ABM1 comp = -2.35 dBA/m

Location: 5.4, -3.3, 3.7 mm



0 dB = 161.4 = 44.16 dB

#43_HAC_T-Coil_LTE Band 14_10M_QPSK_1_0_Ch23330_Axial (Z)

Communication System: LTE; Frequency: 793 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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)

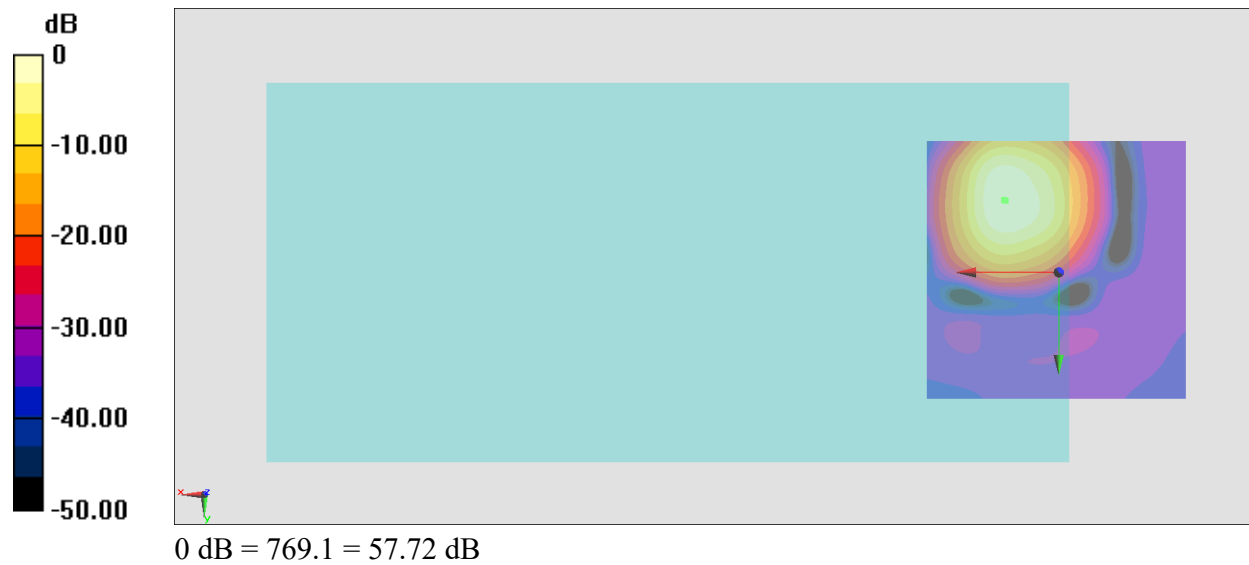
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 57.72 dB

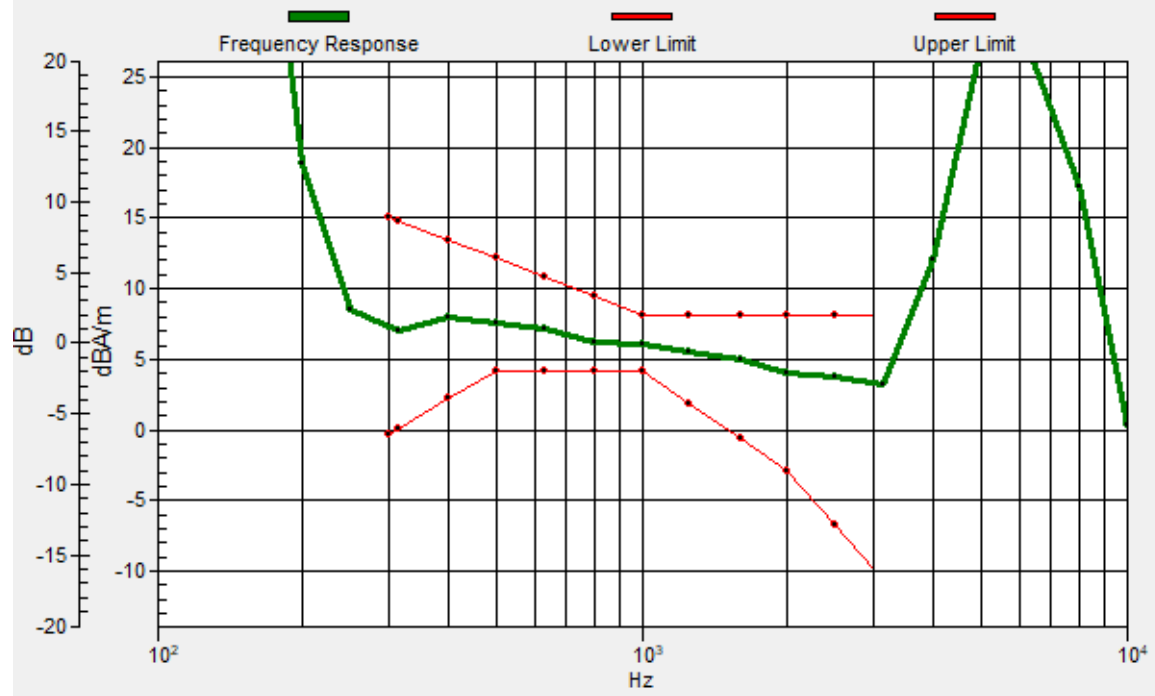
ABM1 comp = 7.57 dBA/m

Location: 10.3, -13.8, 3.7 mm



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

Loc: 10.1, -13.7, 3.7 mm Diff: 2dB



#43_HAC_T-Coil_LTE Band 14_10M_QPSK_1_0_Ch23330_Transversal (Y)

Communication System: LTE; Frequency: 793 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/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 = 46.04 dB

ABM1 comp = -0.17 dBA/m

Location: 10.3, -3.3, 3.7 mm



#44_HAC_T-Coil_LTE Band 41_20M_QPSK_1_0_Ch40620_Axial (Z)

Communication System: LTE TDD; Frequency: 2593 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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 = 54.07 dB

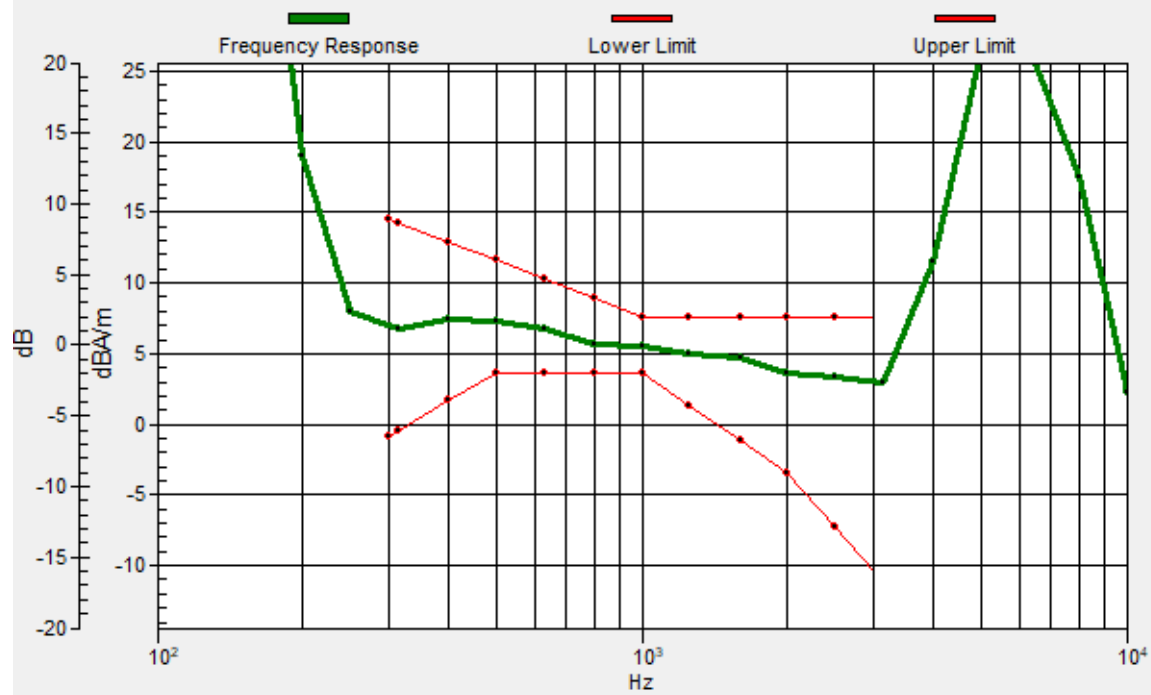
ABM1 comp = 6.94 dBA/m

Location: 10.3, -15.2, 3.7 mm



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

Loc: 10.2, -15.1, 3.7 mm Diff: 2dB



#44_HAC_T-Coil_LTE Band 41_20M_QPSK_1_0_Ch40620_Transversal (Y)

Communication System: LTE TDD; Frequency: 2593 MHz

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

Ambient Temperature: 23.5 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2022/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1512; Calibrated: 2022/3/29
- 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/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 43.33 dB

ABM1 comp = -2.08 dBA/m

Location: 6.1, -20.8, 3.7 mm

