

#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: 23.6 °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)

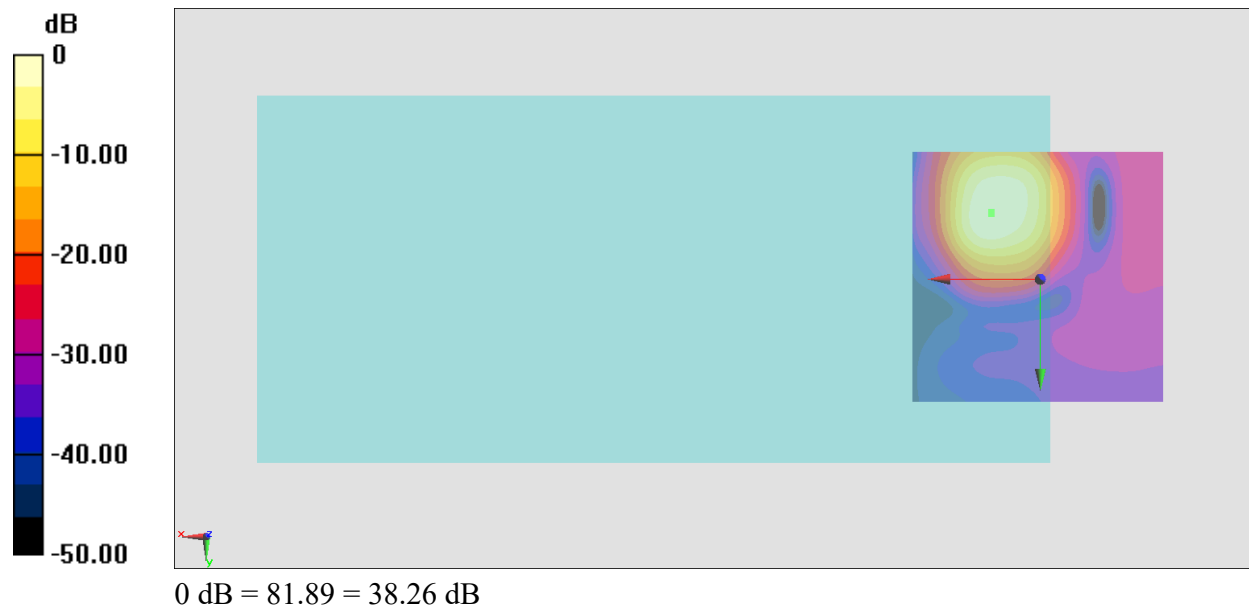
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 38.26 dB

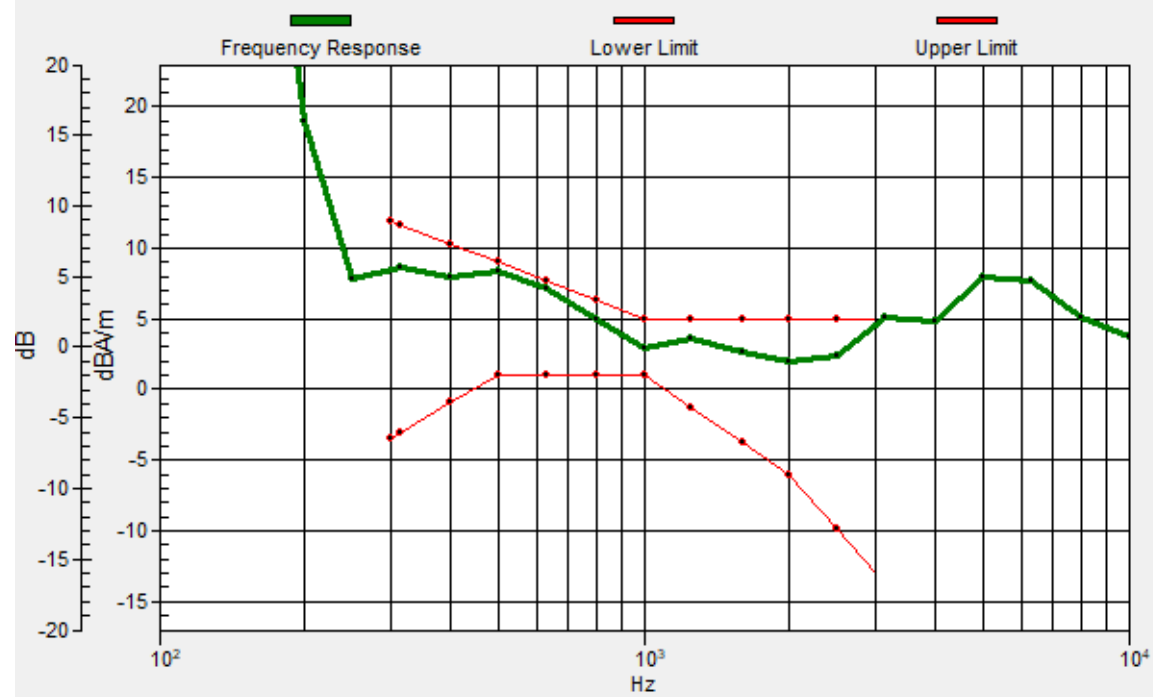
ABM1 comp = 2.19 dBA/m

Location: 9.6, -13.1, 3.7 mm



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

Loc: 9.5, -12.9, 3.7 mm Diff: 0.49dB



#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: 23.6 °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)

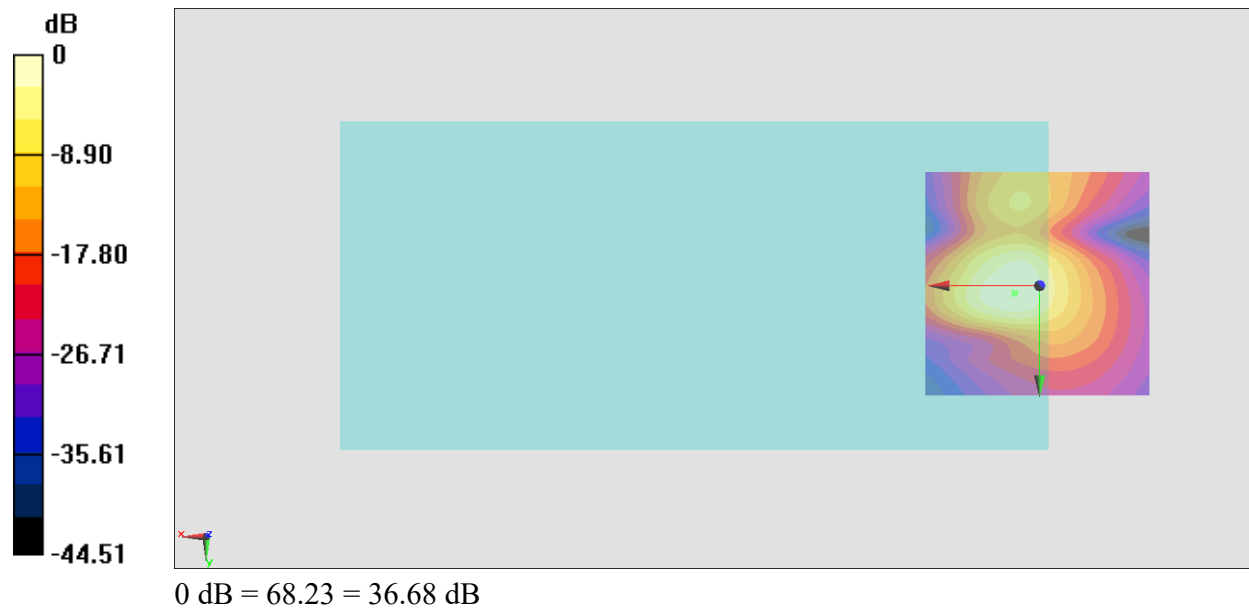
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 36.68 dB

ABM1 comp = -9.60 dBA/m

Location: 5.4, 1.6, 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: 23.6 °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 = 42.87 dB

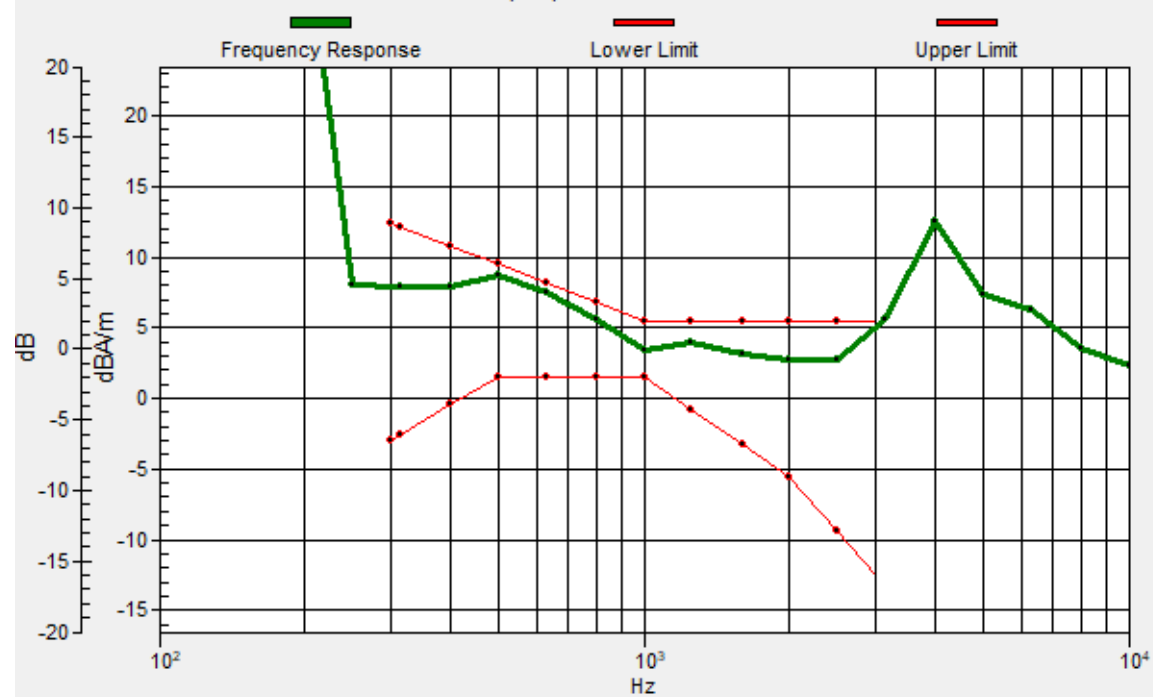
ABM1 comp = 2.79 dBA/m

Location: 9.6, -13.1, 3.7 mm



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

Loc: 9.5, -13, 3.7 mm Diff: 0.61dB



#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: 23.6 °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)

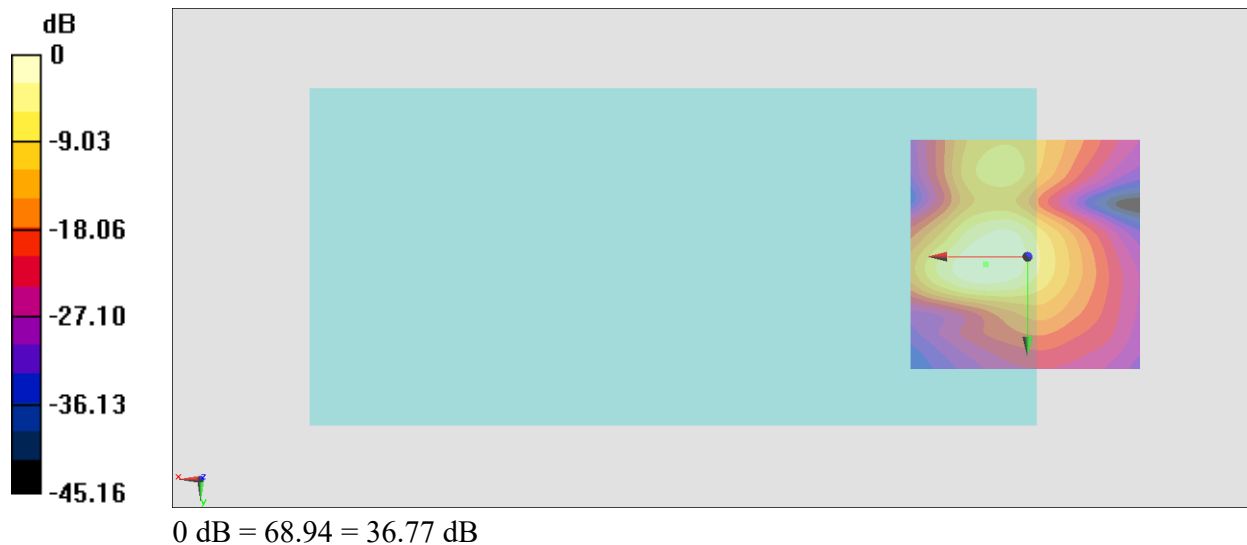
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 36.77 dB

ABM1 comp = -9.75 dBA/m

Location: 8.9, 1.6, 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: 23.6 °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)

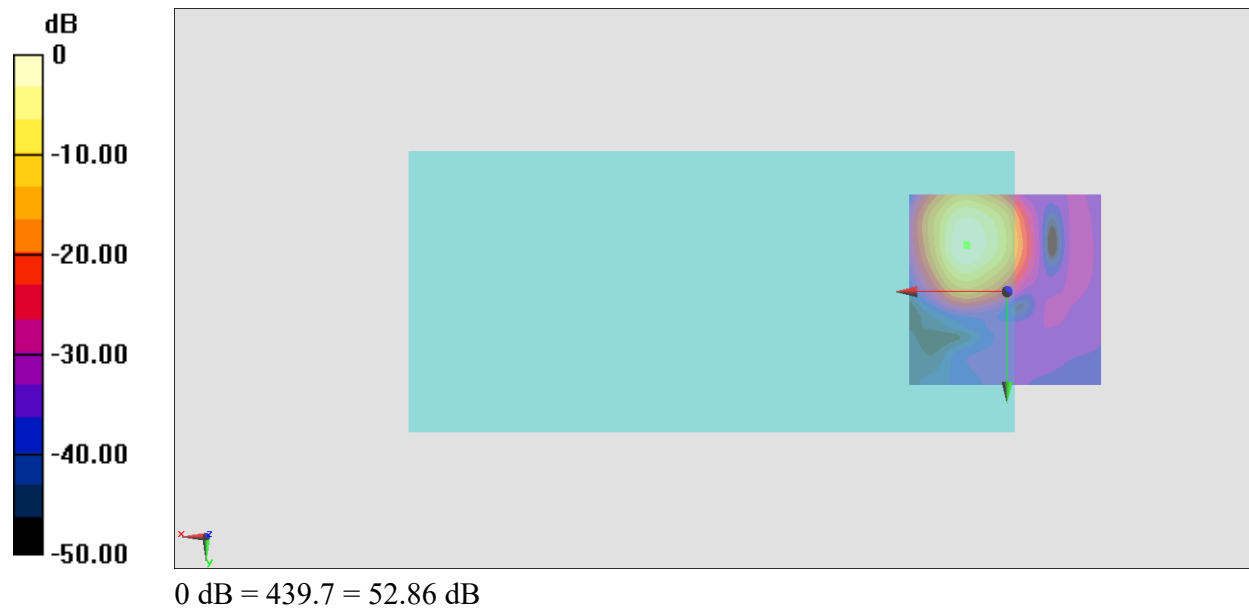
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 52.86 dB

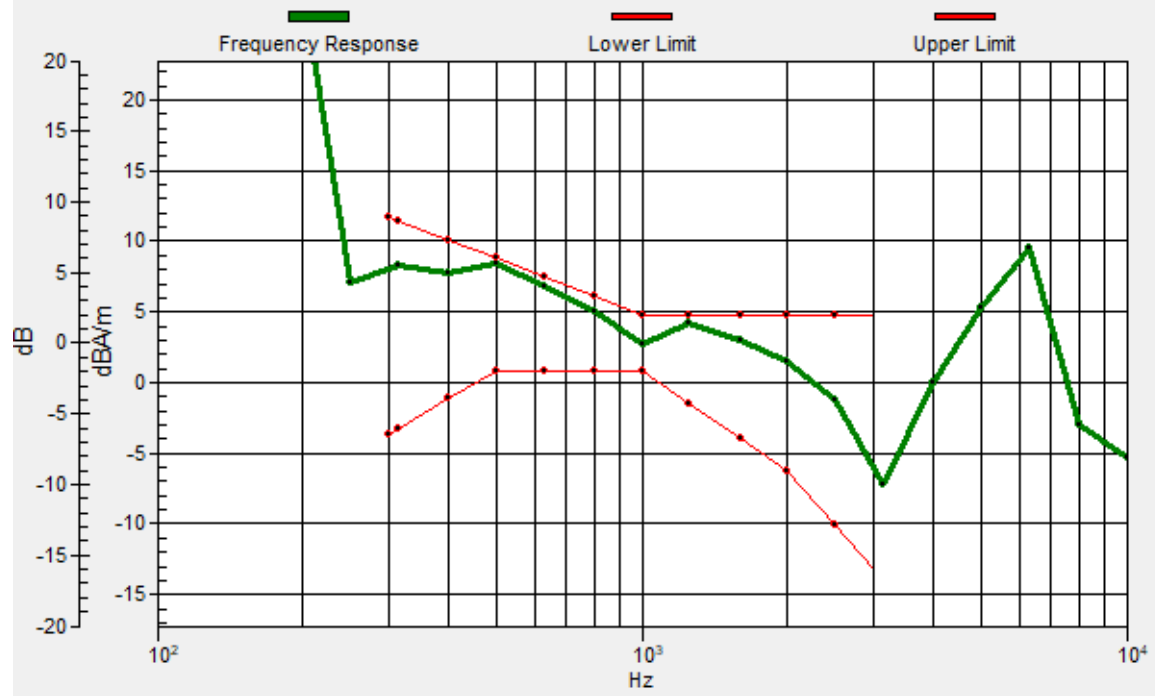
ABM1 comp = 2.02 dBA/m

Location: 10.3, -11.7, 3.7 mm



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

Loc: 10.5, -12, 3.7 mm Diff: 0.35dB



#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: 23.6 °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)

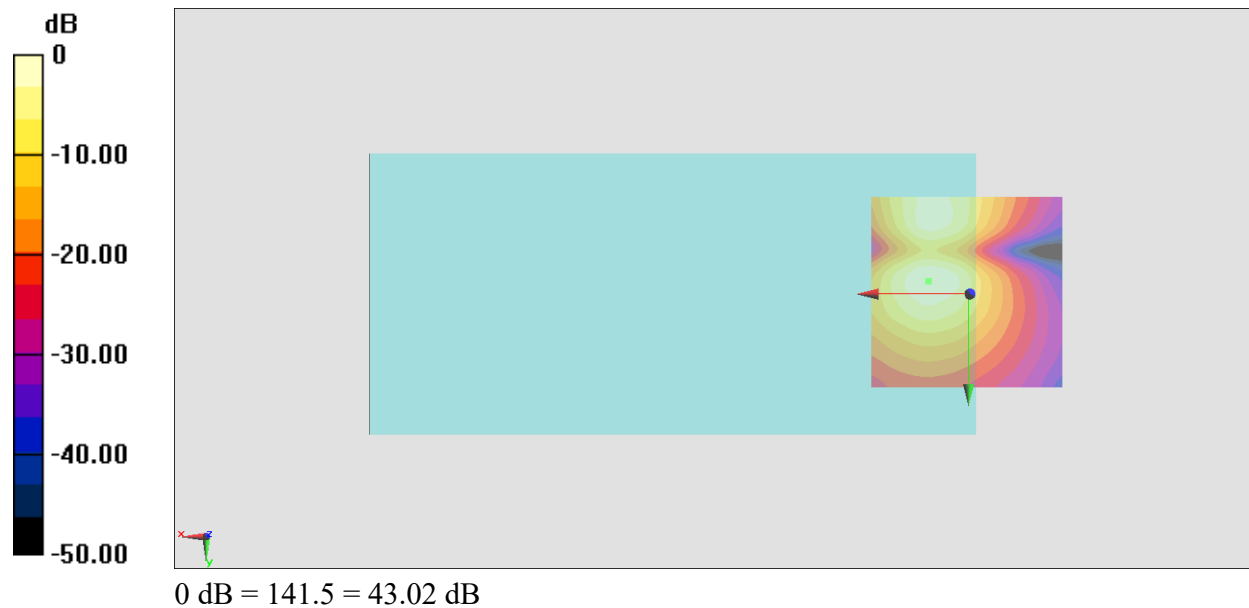
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 43.02 dB

ABM1 comp = -4.80 dBA/m

Location: 10.3, -3.3, 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: 23.6 °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 = 52.10 dB

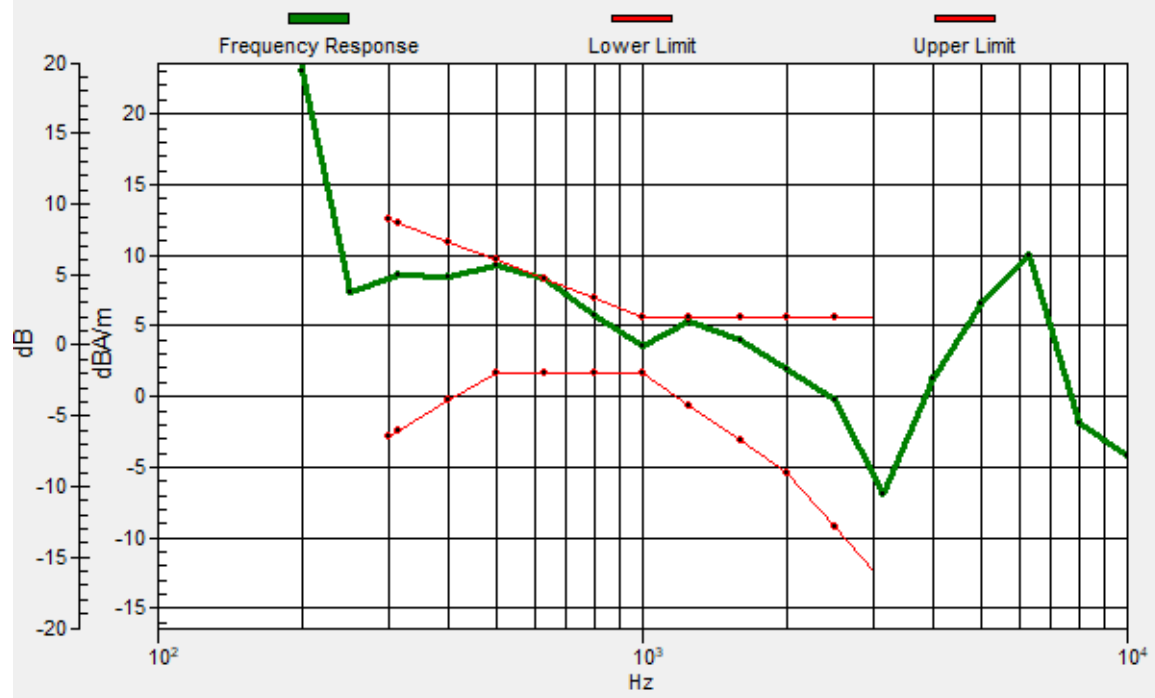
ABM1 comp = 1.82 dBA/m

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: 10.4, -13.3, 3.7 mm Diff: 0.03dB



#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: 23.6 °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/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 = 41.89 dB

ABM1 comp = -6.18 dBA/m

Location: 10.3, -3.3, 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: 23.6 °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 = 52.51 dB

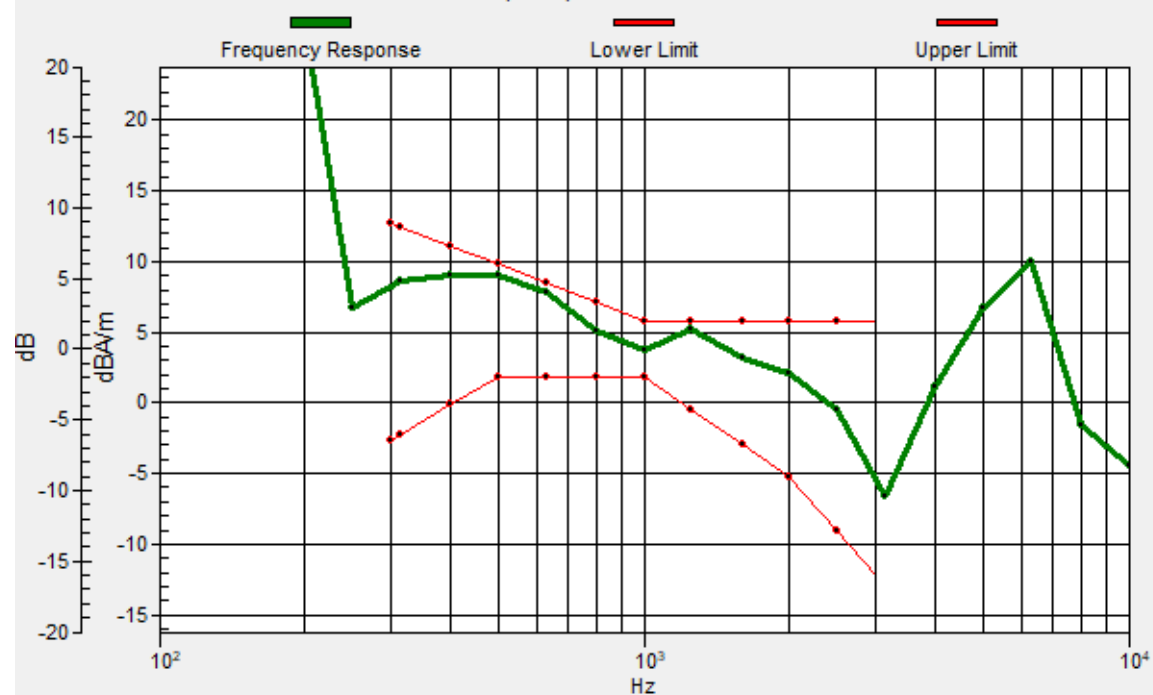
ABM1 comp = 1.45 dBA/m

Location: 10.3, -12.4, 3.7 mm



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

Loc: 10.6, -12.5, 3.7 mm Diff: 0.56dB



#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: 23.6 °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/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 = 41.20 dB

ABM1 comp = -6.79 dBA/m

Location: 9.6, -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: 23.6 °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 = 51.14 dB

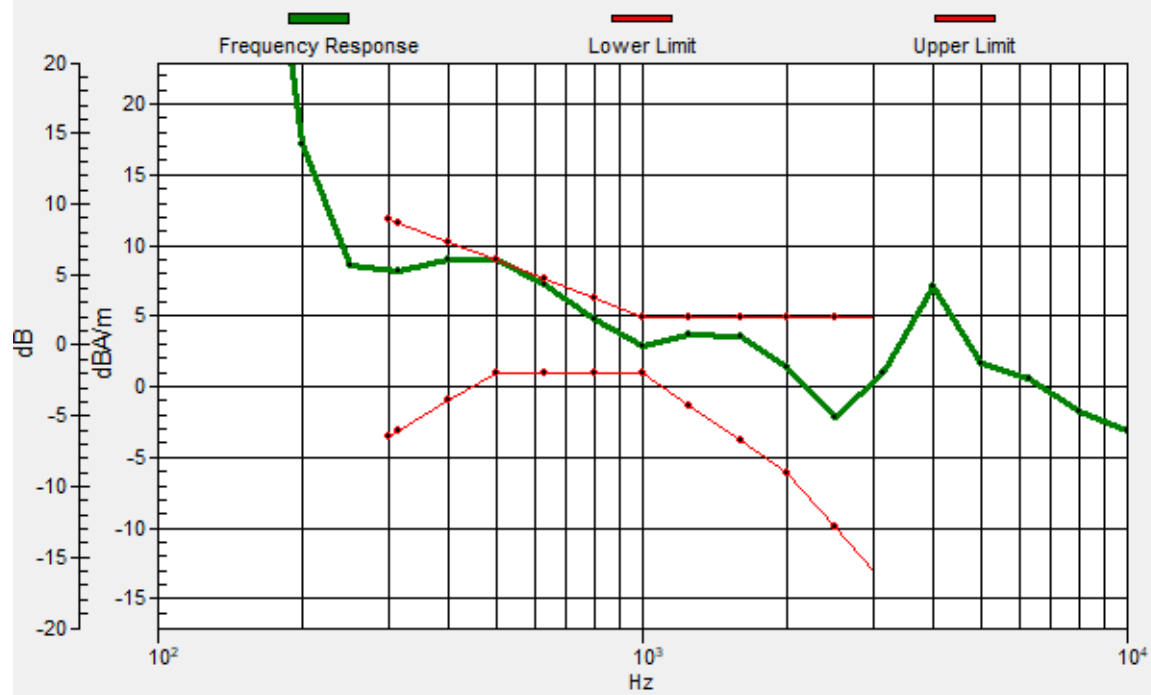
ABM1 comp = 0.75 dBA/m

Location: 11, -15.2, 3.7 mm



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

Loc: 10.8, -15.1, 3.7 mm Diff: 0.01dB



#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: 23.6 °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/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 = 38.84 dB

ABM1 comp = -9.61 dBA/m

Location: 6.1, -3.3, 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: 23.6 °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 = 49.75 dB

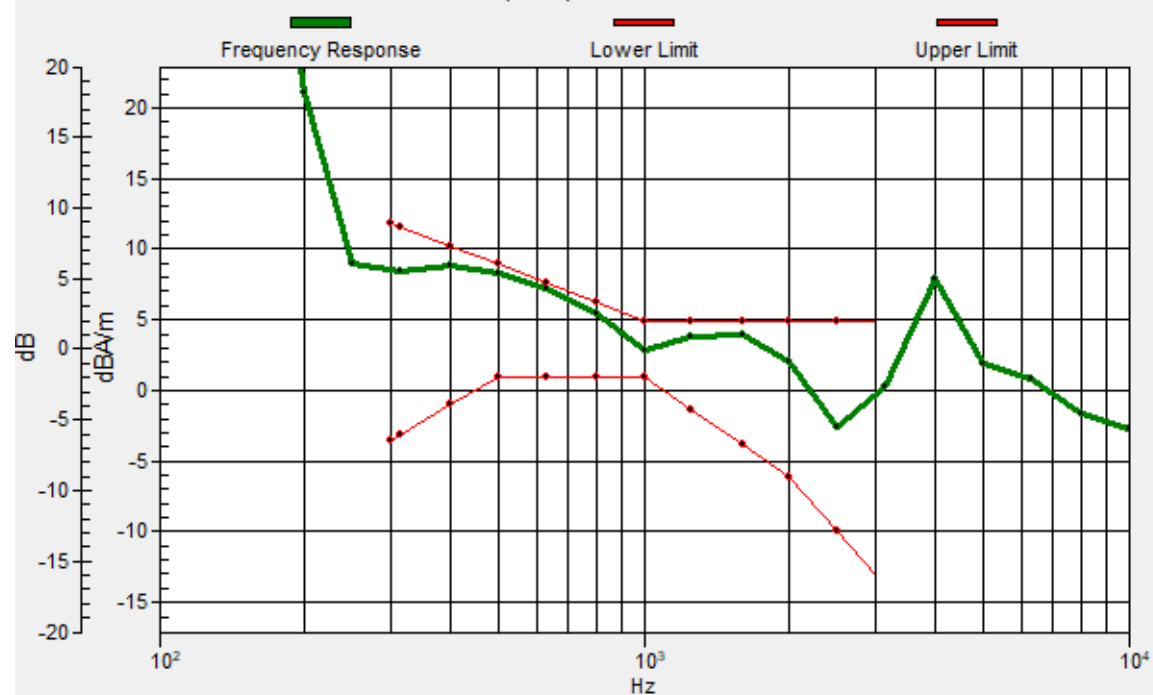
ABM1 comp = -0.87 dBA/m

Location: 11, -12.4, 3.7 mm



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

Loc: 10.8, -12.3, 3.7 mm Diff: 0.34dB



#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: 23.6 °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/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 = 39.69 dB

ABM1 comp = -8.14 dBA/m

Location: 11, -4, 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: 23.6 °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 = 49.58 dB

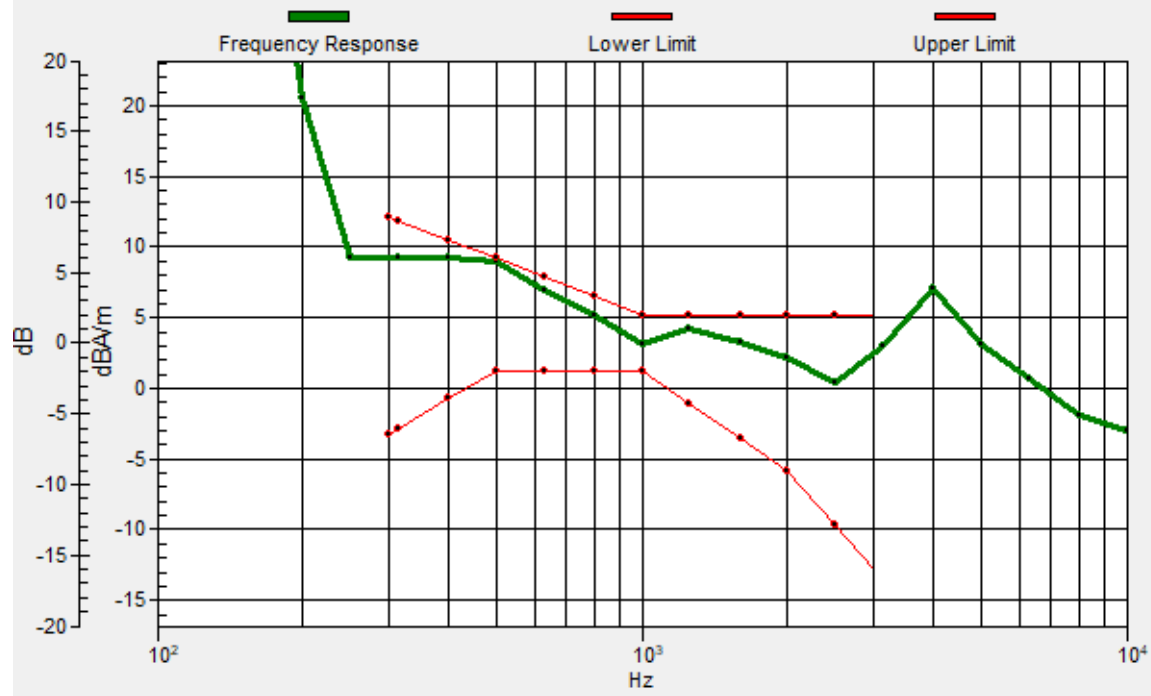
ABM1 comp = -0.76 dBA/m

Location: 9.6, -13.8, 3.7 mm



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

Loc: 9.6, -13.7, 3.7 mm Diff: 0.26dB



#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: 23.6 °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/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 = 40.12 dB

ABM1 comp = -8.58 dBA/m

Location: 6.1, -3.3, 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: 23.6 °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 = 49.91 dB

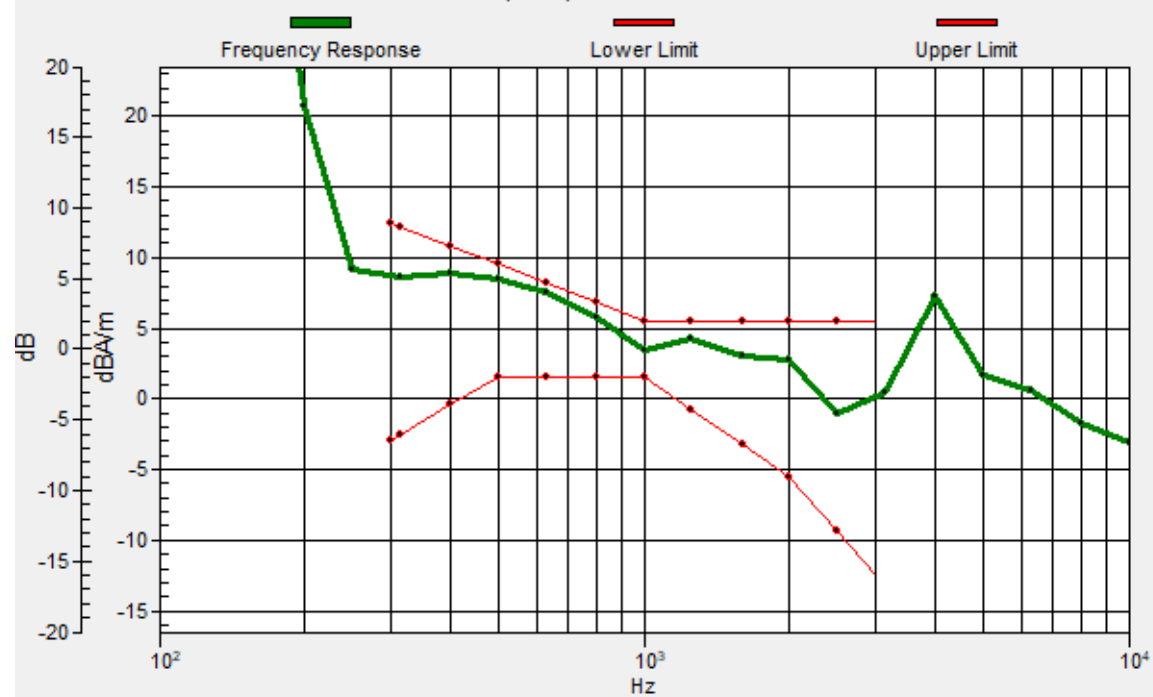
ABM1 comp = -0.08 dBA/m

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: 10.5, -14.4, 3.7 mm Diff: 0.66dB



#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: 23.6 °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)

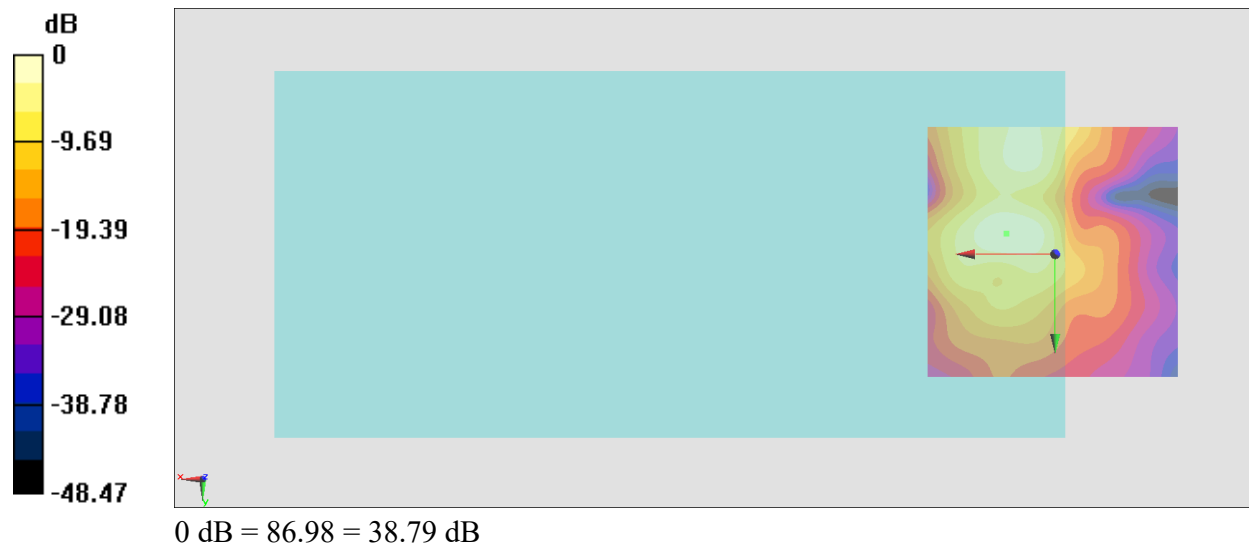
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 38.79 dB

ABM1 comp = -9.40 dBA/m

Location: 9.6, -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: 23.6 °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)

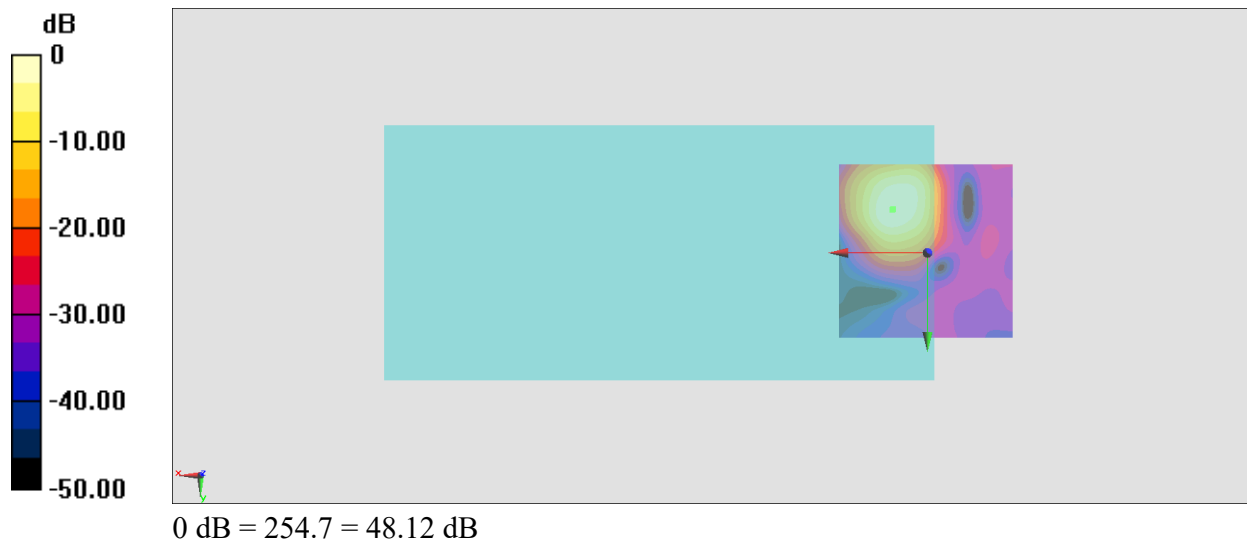
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 48.12 dB

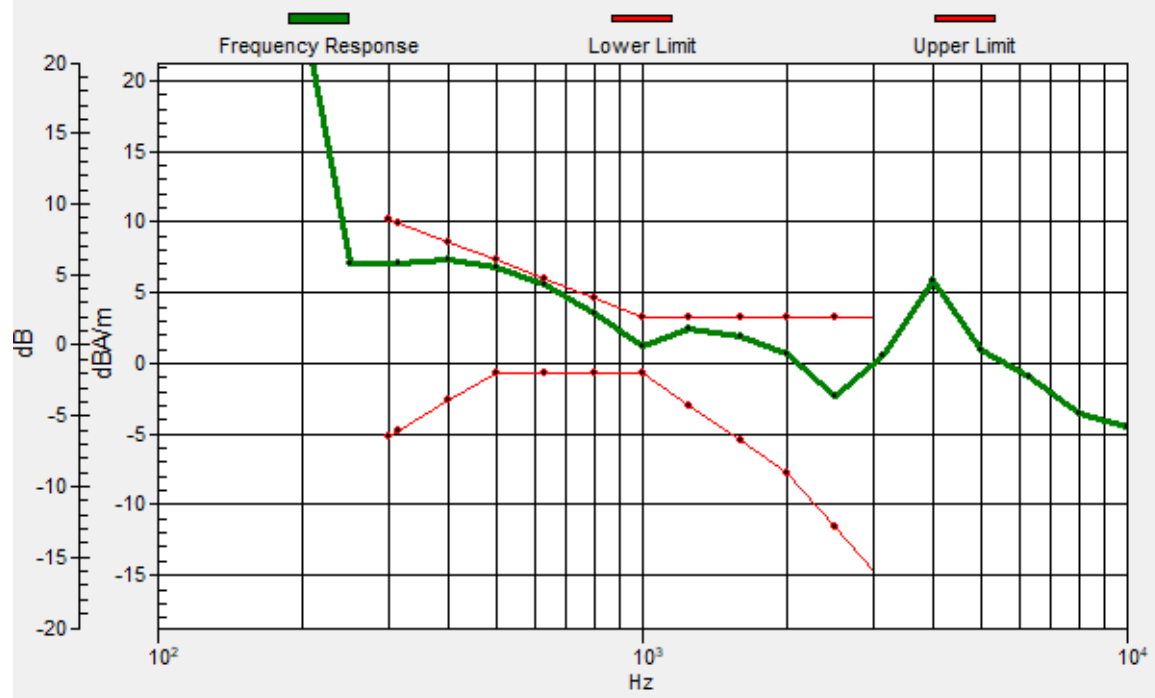
ABM1 comp = -3.08 dBA/m

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: 9.9, -12.1, 3.7 mm Diff: 0.33dB



#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: 23.6 °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)

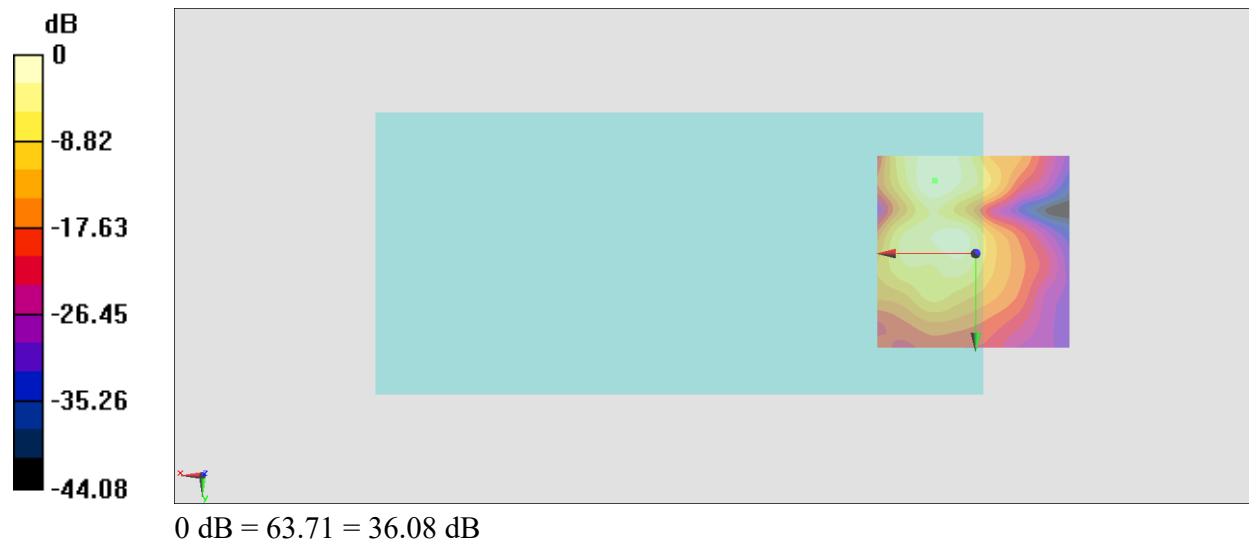
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 36.08 dB

ABM1 comp = -10.76 dBA/m

Location: 10.3, -18.7, 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: 23.6 °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)

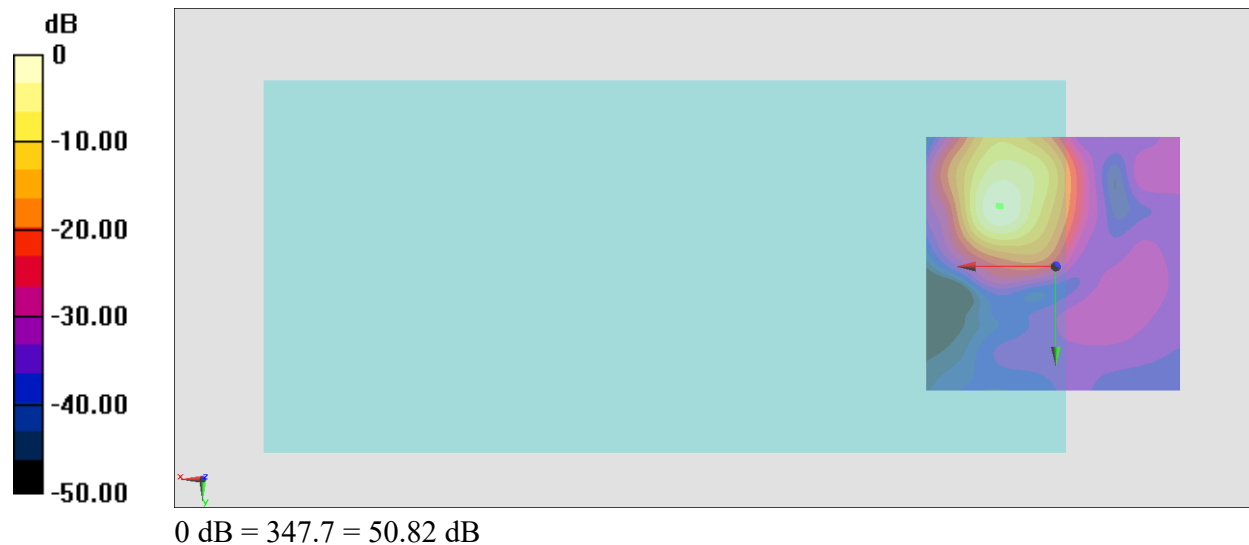
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 50.83 dB

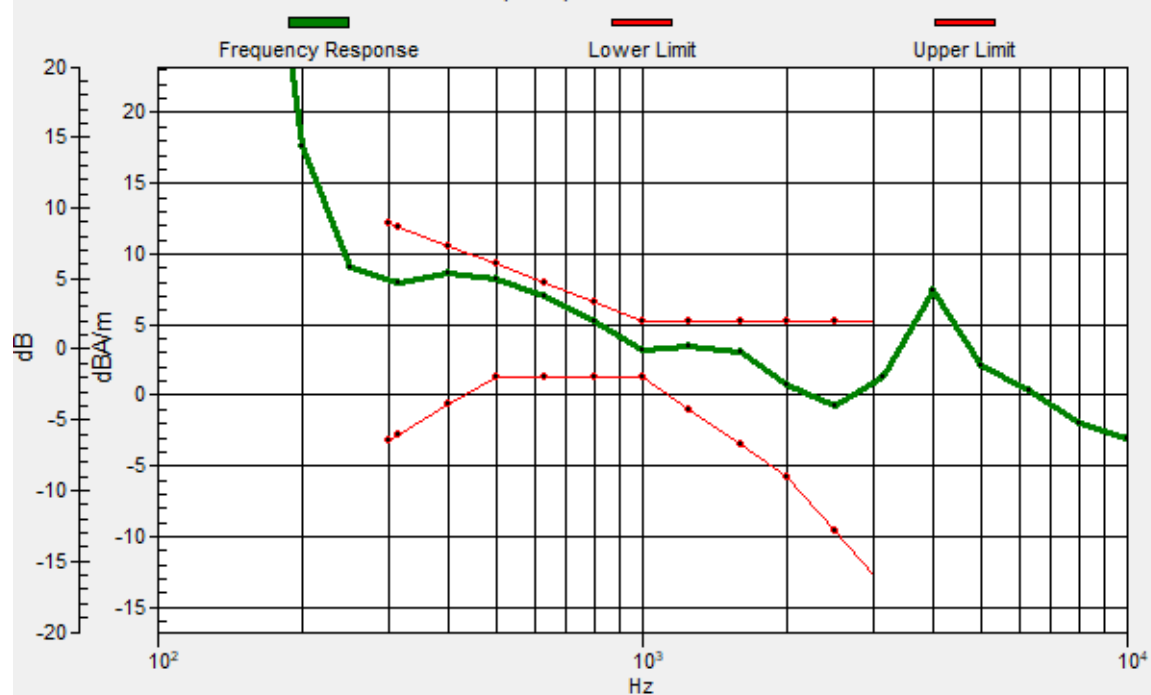
ABM1 comp = 0.44 dBA/m

Location: 11, -11.7, 3.7 mm



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

Loc: 10.7, -11.6, 3.7 mm Diff: 0.88dB



#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: 23.6 °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/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 = 40.90 dB

ABM1 comp = -7.27 dBA/m

Location: 10.3, -3.3, 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: 23.6 °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 = 52.47 dB

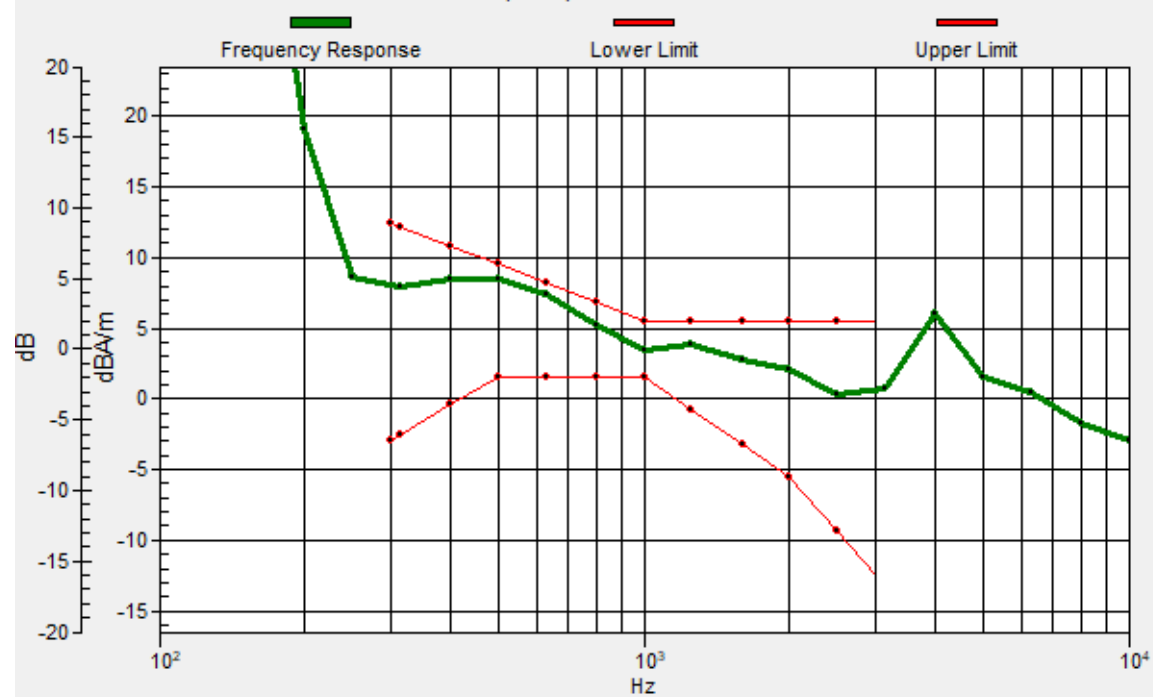
ABM1 comp = 1.88 dBA/m

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, -11.8, 3.7 mm Diff: 0.77dB



#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: 23.6 °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/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 = 38.85 dB

ABM1 comp = -9.21 dBA/m

Location: 9.6, -4, 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: 23.6 °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)

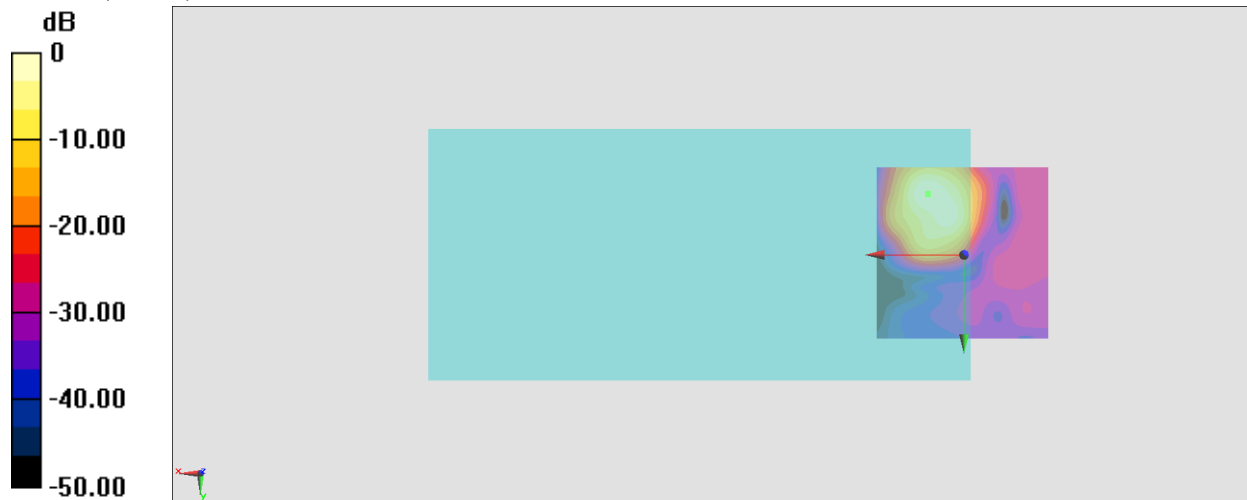
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 43.19 dB

ABM1 comp = -1.79 dBA/m

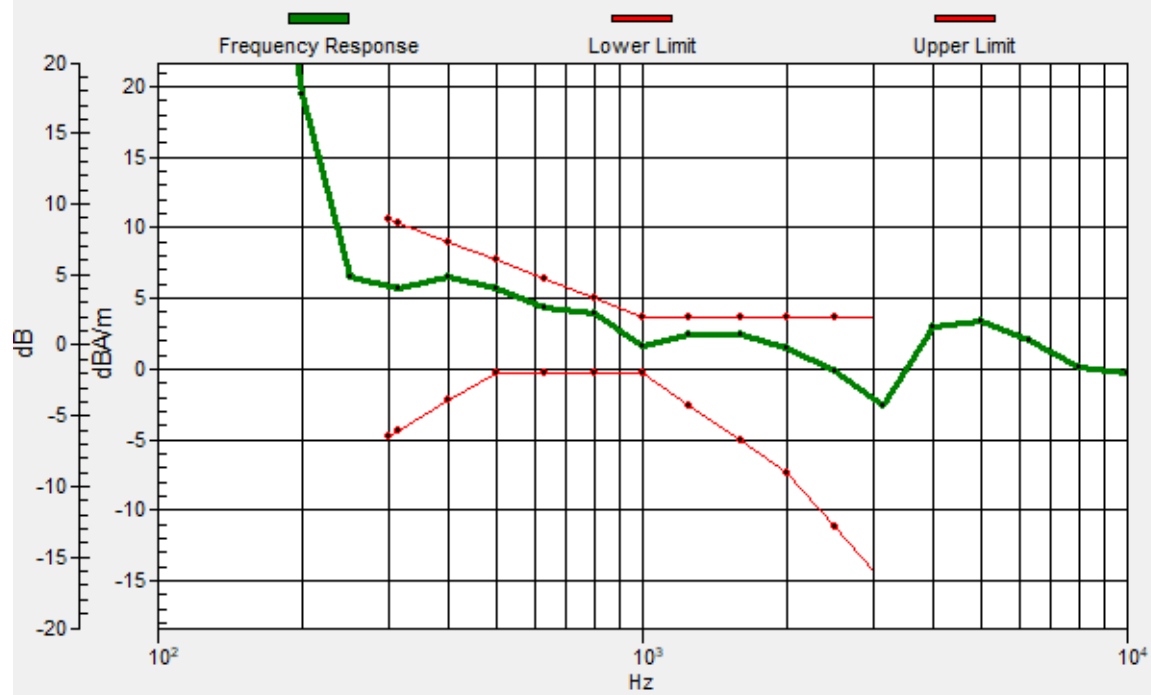
Location: 10.3, -17.3, 3.7 mm



0 dB = 144.4 = 43.19 dB

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

Loc: 10.2, -17.6, 3.7 mm Diff: 1.06dB



#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: 23.6 °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)

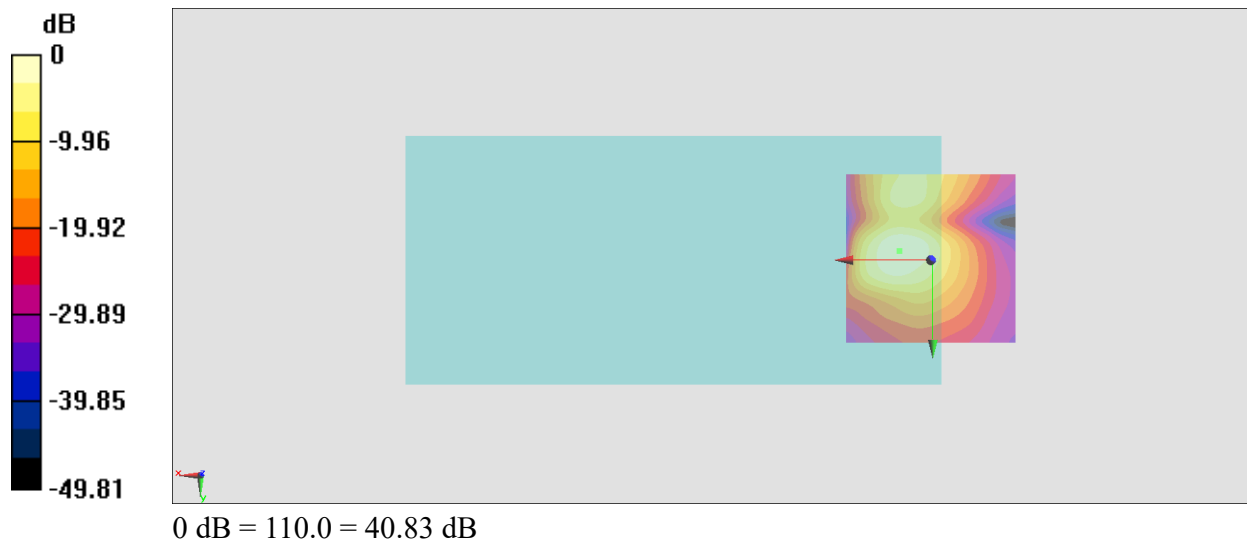
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 40.83 dB

ABM1 comp = -5.13 dBA/m

Location: 9.6, -2.6, 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: 23.6 °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 = 43.89 dB

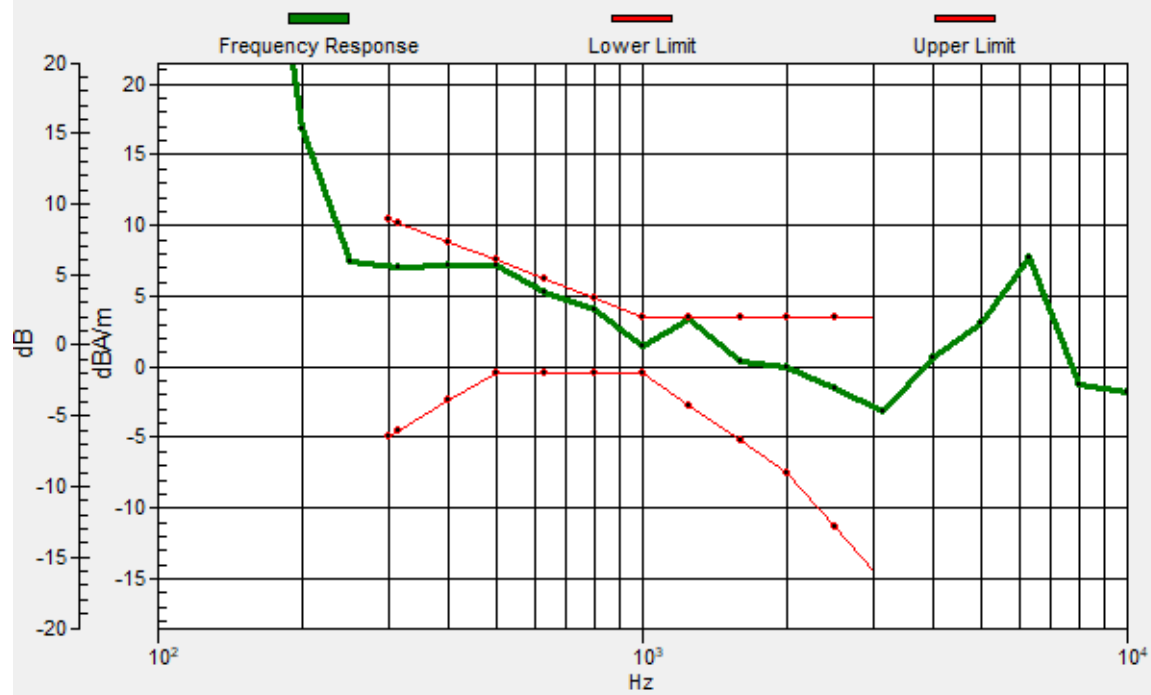
ABM1 comp = -2.78 dBA/m

Location: 10.3, -18, 3.7 mm



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

Loc: 10.2, -17.9, 3.7 mm Diff: 0.11dB



#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: 23.6 °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/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 = 32.83 dB

ABM1 comp = -11.62 dBA/m

Location: 4, -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: 23.6 °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 = 49.54 dB

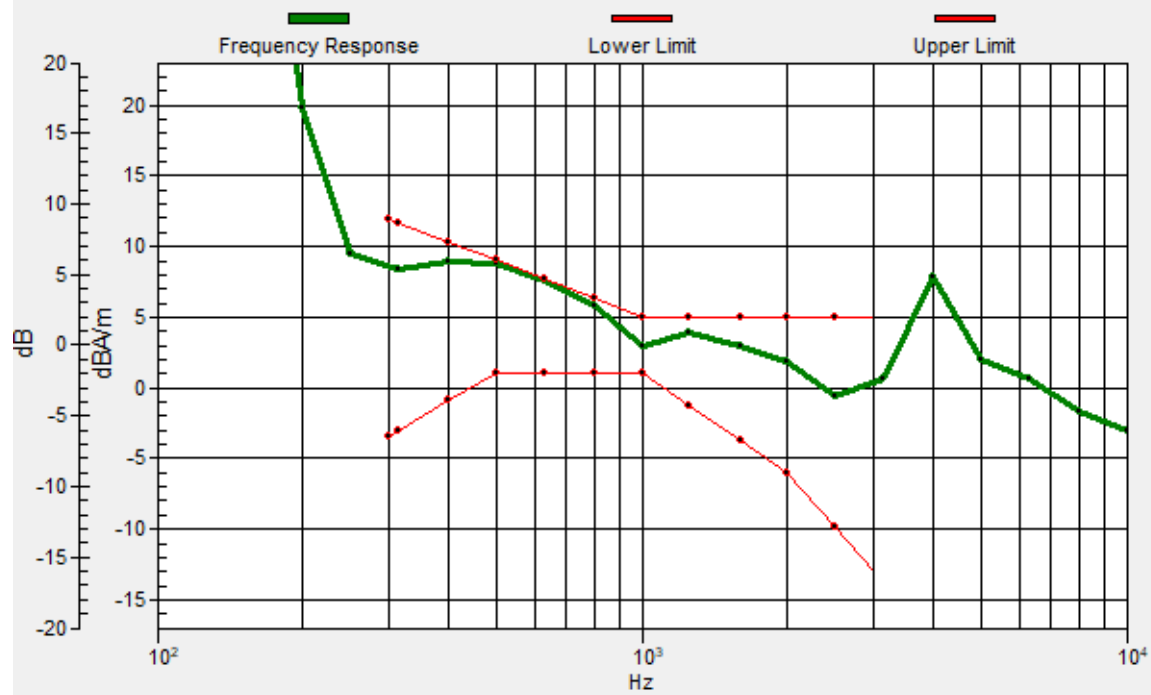
ABM1 comp = -0.82 dBA/m

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, -14.8, 3.7 mm Diff: 0.17dB



#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: 23.6 °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/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 = 38.05 dB

ABM1 comp = -10.52 dBA/m

Location: 4.7, -4, 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: 23.6 °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)

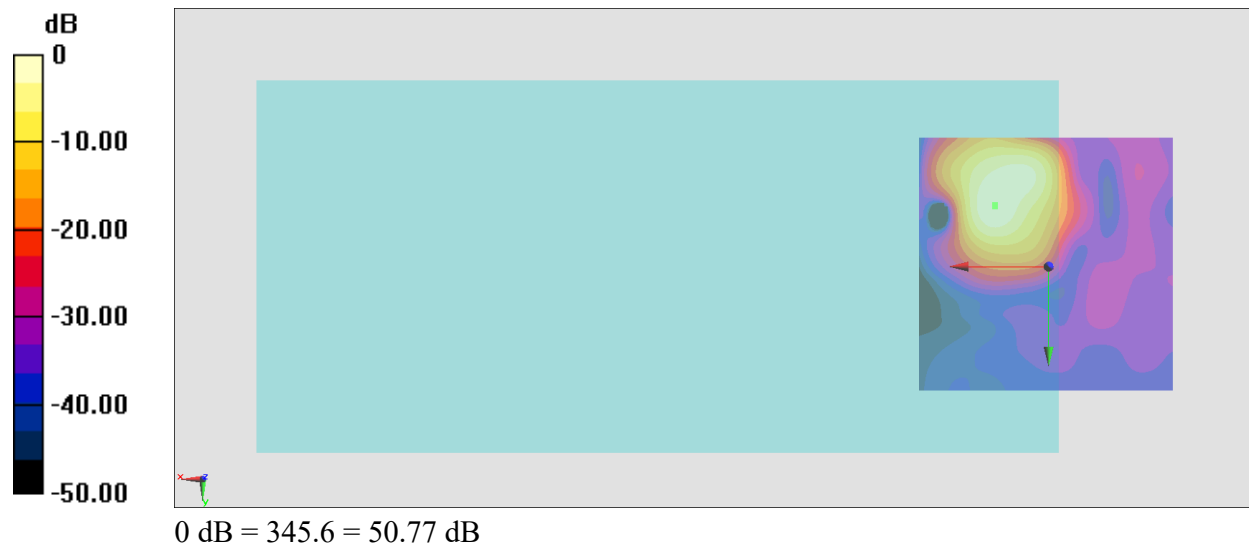
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 50.77 dB

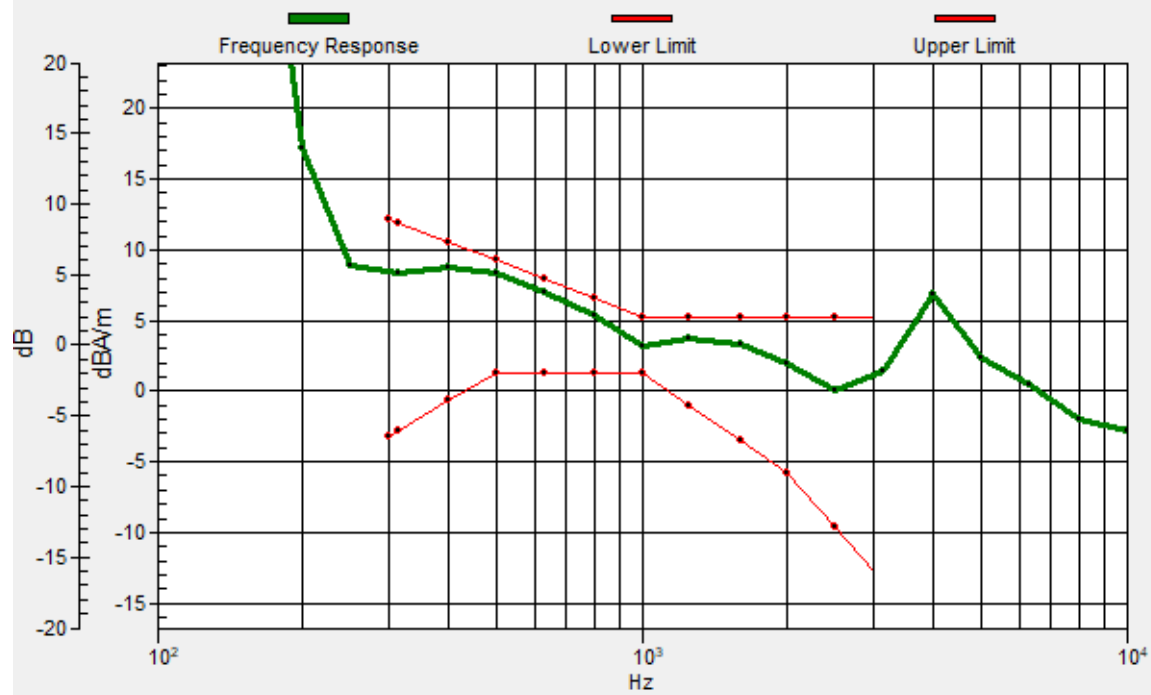
ABM1 comp = 0.41 dBA/m

Location: 10.3, -11.7, 3.7 mm



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

Loc: 10.4, -12, 3.7 mm Diff: 0.87dB



#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: 23.6 °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/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 = 40.46 dB

ABM1 comp = -7.52 dBA/m

Location: 11, -4, 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: 23.6 °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)

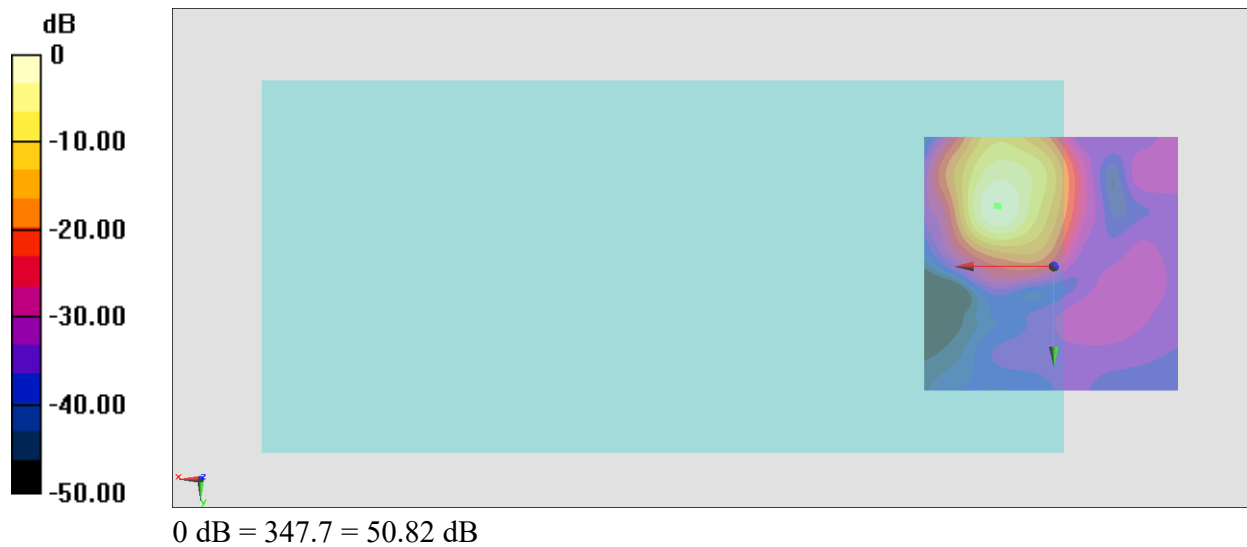
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 50.83 dB

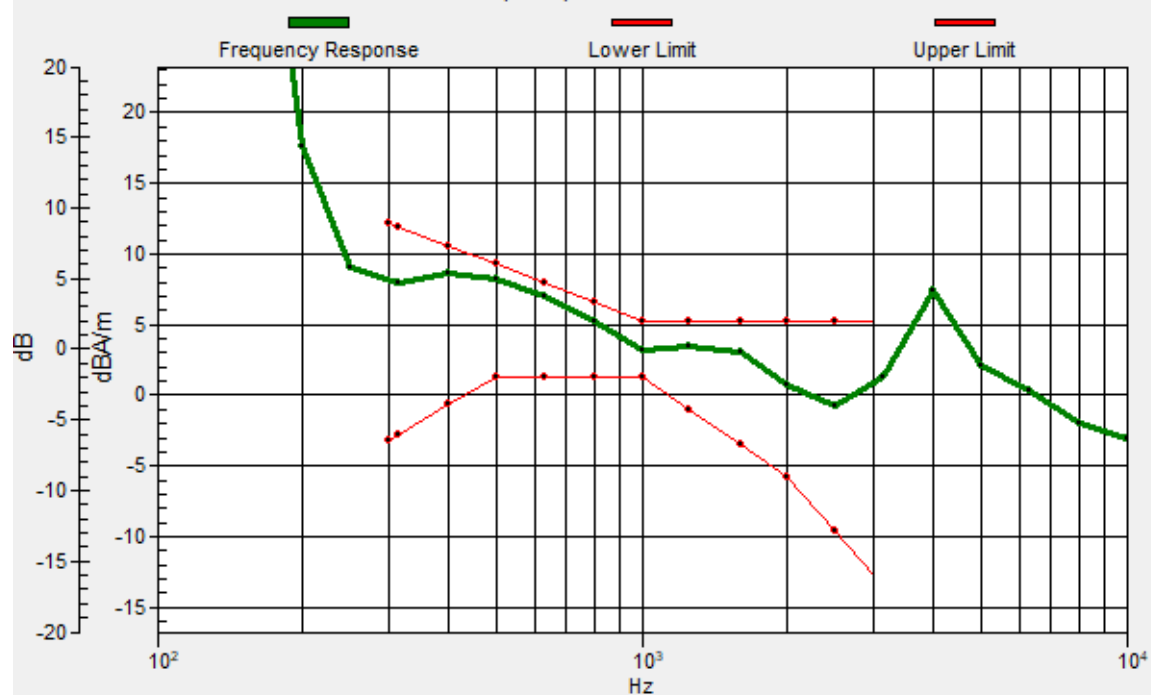
ABM1 comp = 0.44 dBA/m

Location: 11, -11.7, 3.7 mm



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

Loc: 10.7, -11.6, 3.7 mm Diff: 0.88dB



#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: 23.6 °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/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 = 40.90 dB

ABM1 comp = -7.27 dBA/m

Location: 10.3, -3.3, 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: 23.6 °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 = 51.14 dB

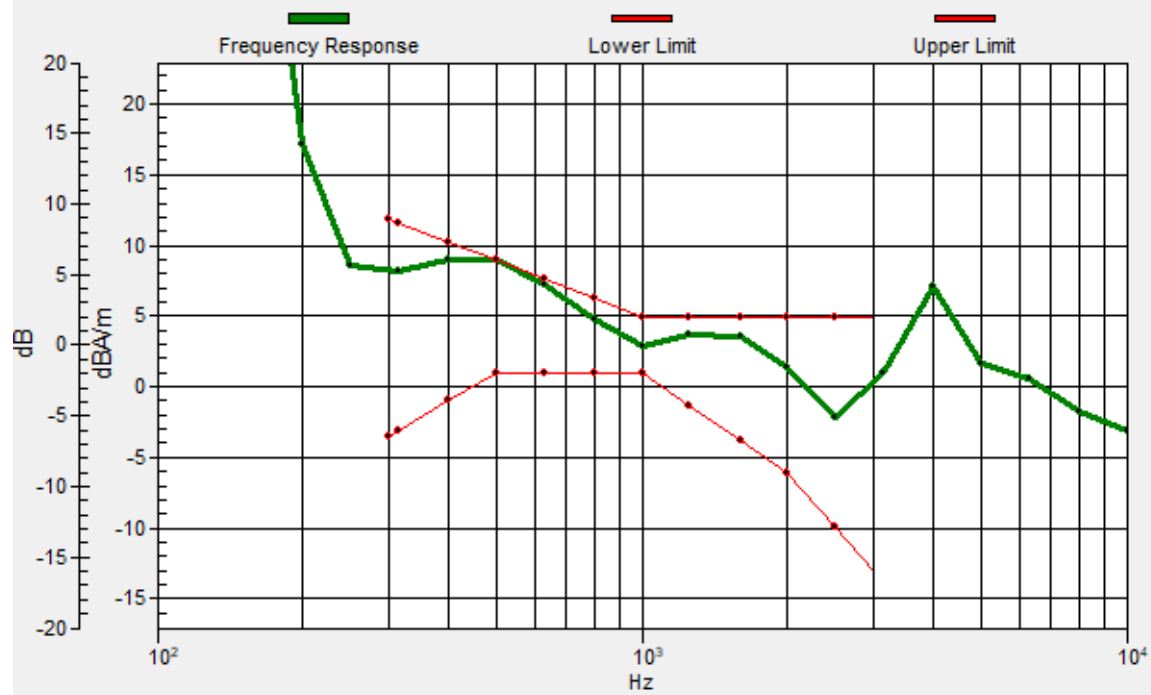
ABM1 comp = 0.75 dBA/m

Location: 11, -15.2, 3.7 mm



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

Loc: 10.8, -15.1, 3.7 mm Diff: 0.01dB



#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: 23.6 °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/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 = 38.84 dB

ABM1 comp = -9.61 dBA/m

Location: 6.1, -3.3, 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: 23.6 °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 = 49.75 dB

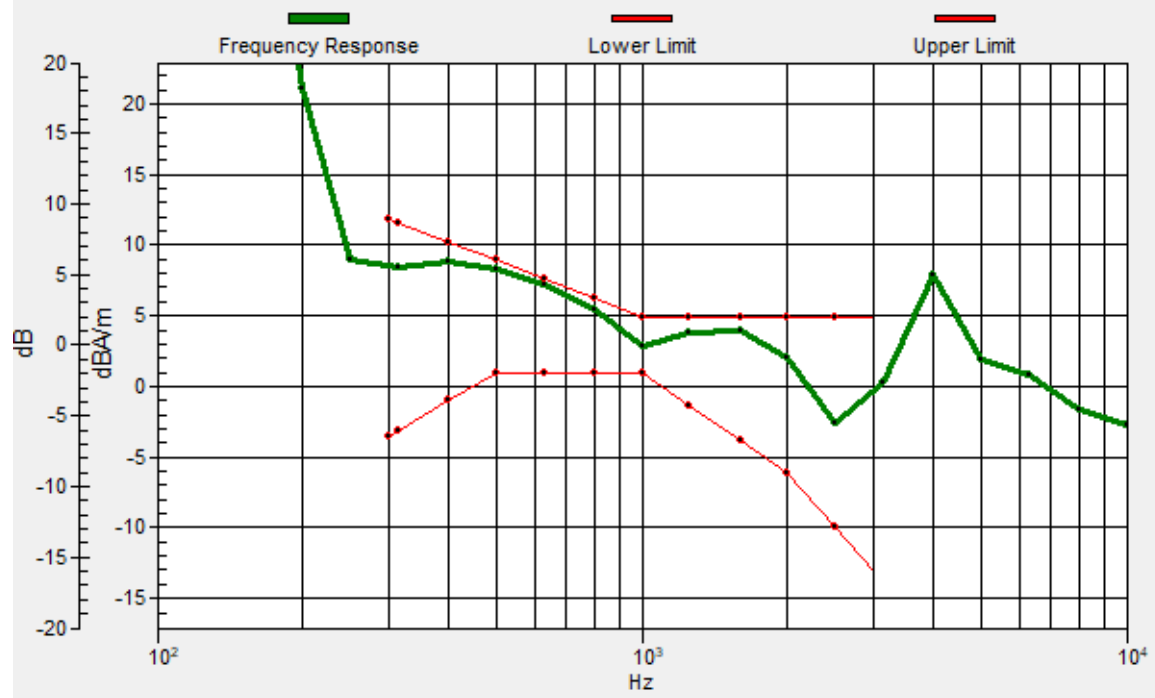
ABM1 comp = -0.87 dBA/m

Location: 11, -12.4, 3.7 mm



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

Loc: 10.8, -12.3, 3.7 mm Diff: 0.34dB



#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: 23.6 °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/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 = 39.69 dB

ABM1 comp = -8.14 dBA/m

Location: 11, -4, 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: 23.6 °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 = 49.91 dB

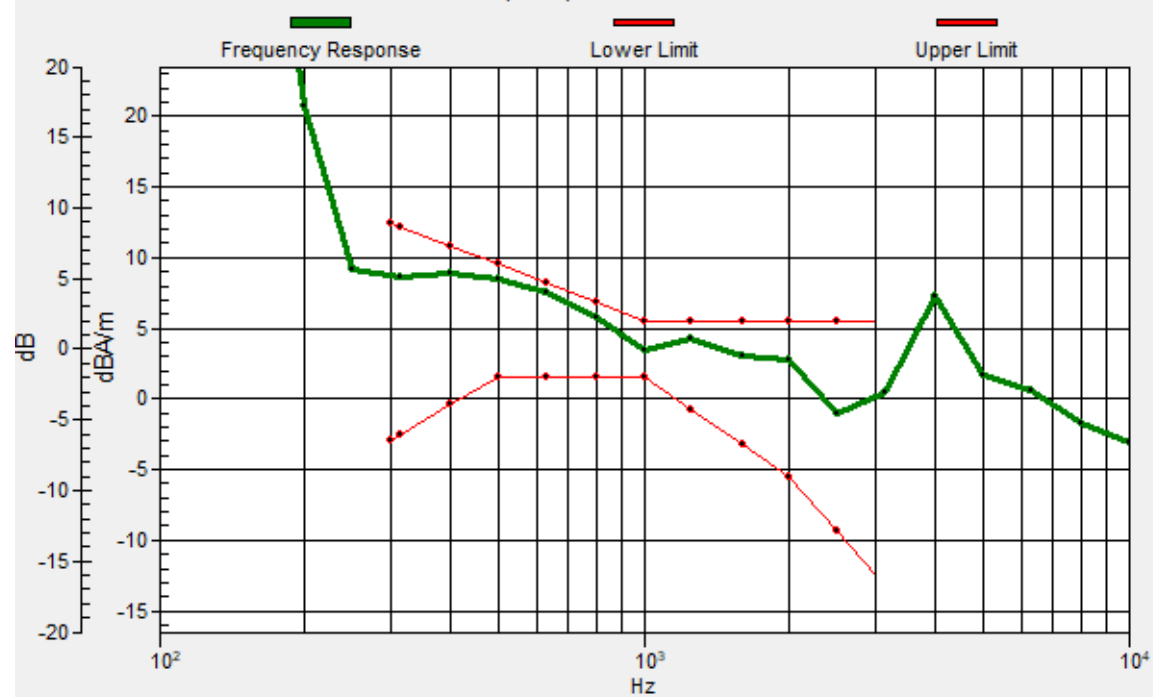
ABM1 comp = -0.08 dBA/m

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: 10.5, -14.4, 3.7 mm Diff: 0.66dB



#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: 23.6 °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/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 = 38.79 dB

ABM1 comp = -9.40 dBA/m

Location: 9.6, -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: 23.6 °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)

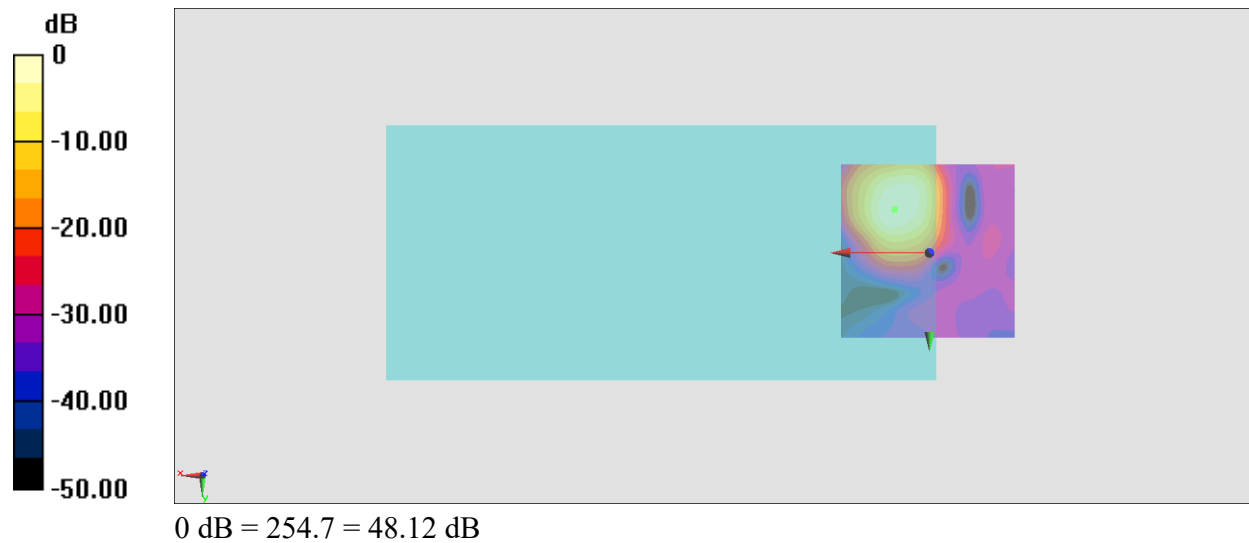
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 48.12 dB

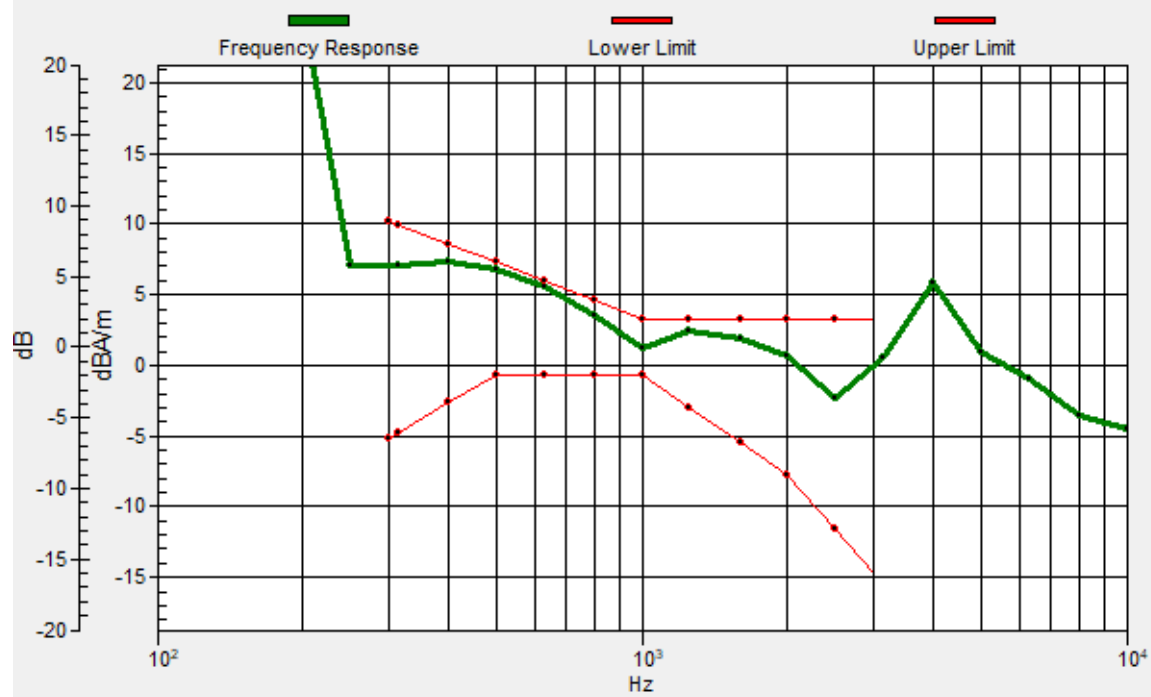
ABM1 comp = -3.08 dBA/m

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: 9.9, -12.1, 3.7 mm Diff: 0.33dB



#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: 23.6 °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)

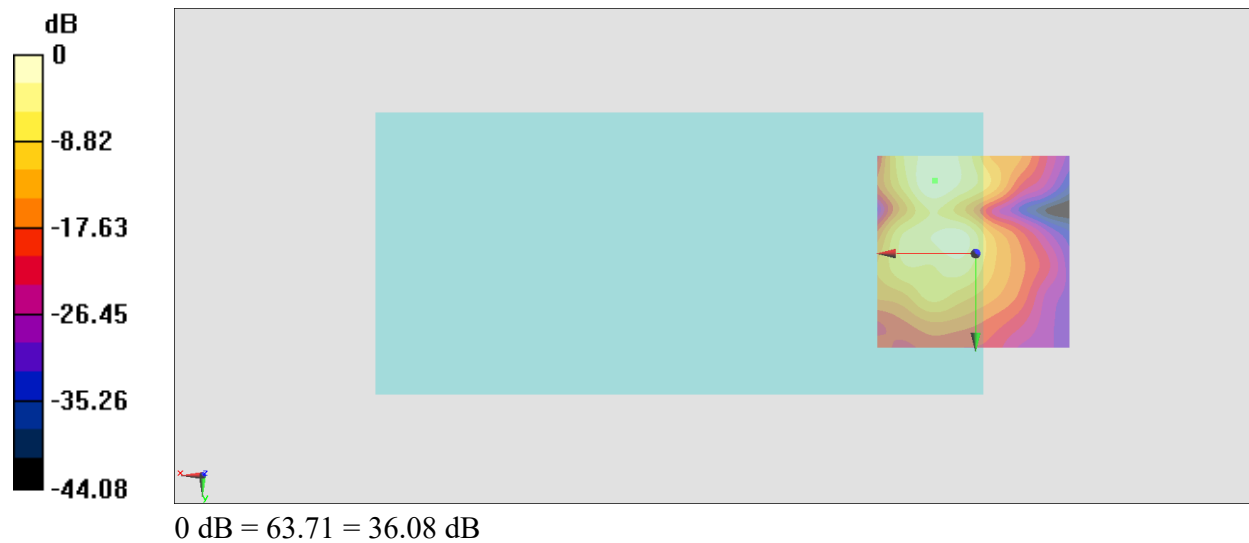
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 36.08 dB

ABM1 comp = -10.76 dBA/m

Location: 10.3, -18.7, 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: 23.6 °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 = 52.47 dB

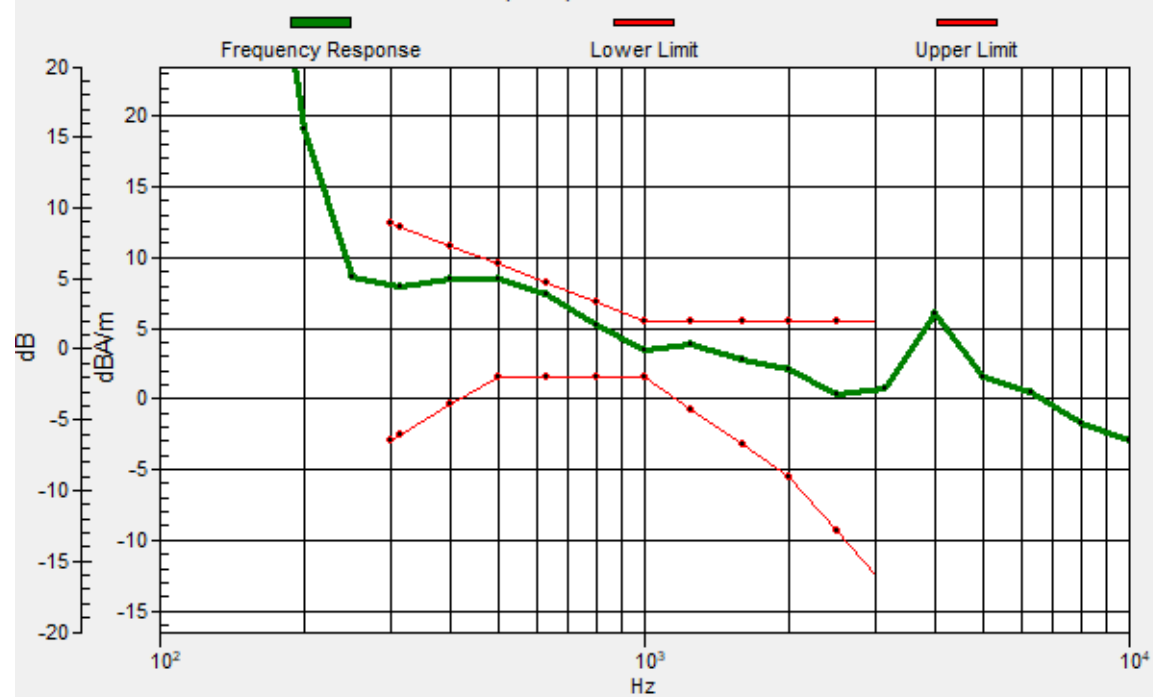
ABM1 comp = 1.88 dBA/m

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, -11.8, 3.7 mm Diff: 0.77dB



#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: 23.6 °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/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 = 38.85 dB

ABM1 comp = -9.21 dBA/m

Location: 9.6, -4, 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: 23.6 °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)

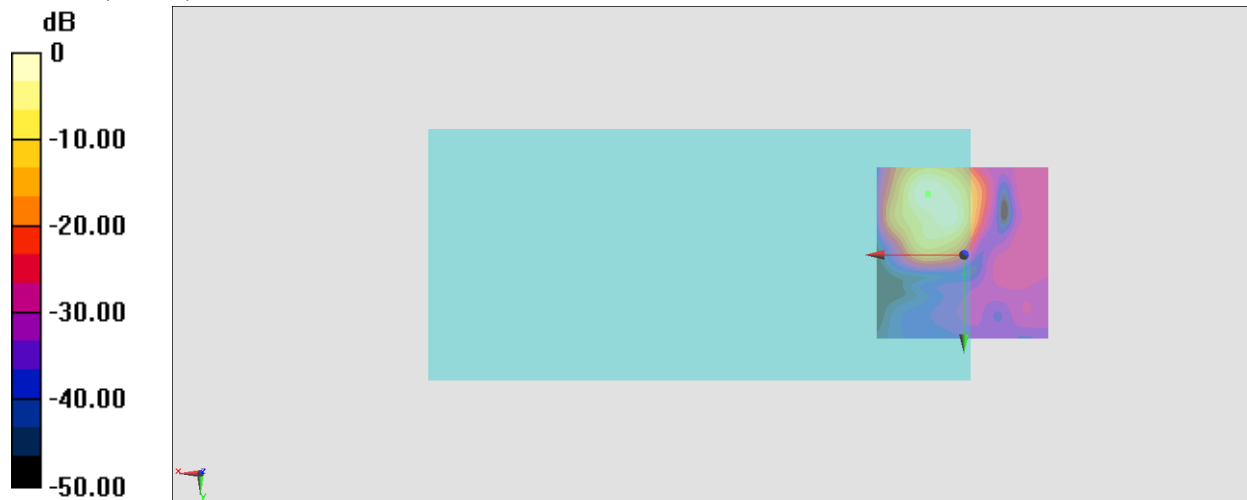
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 43.19 dB

ABM1 comp = -1.79 dBA/m

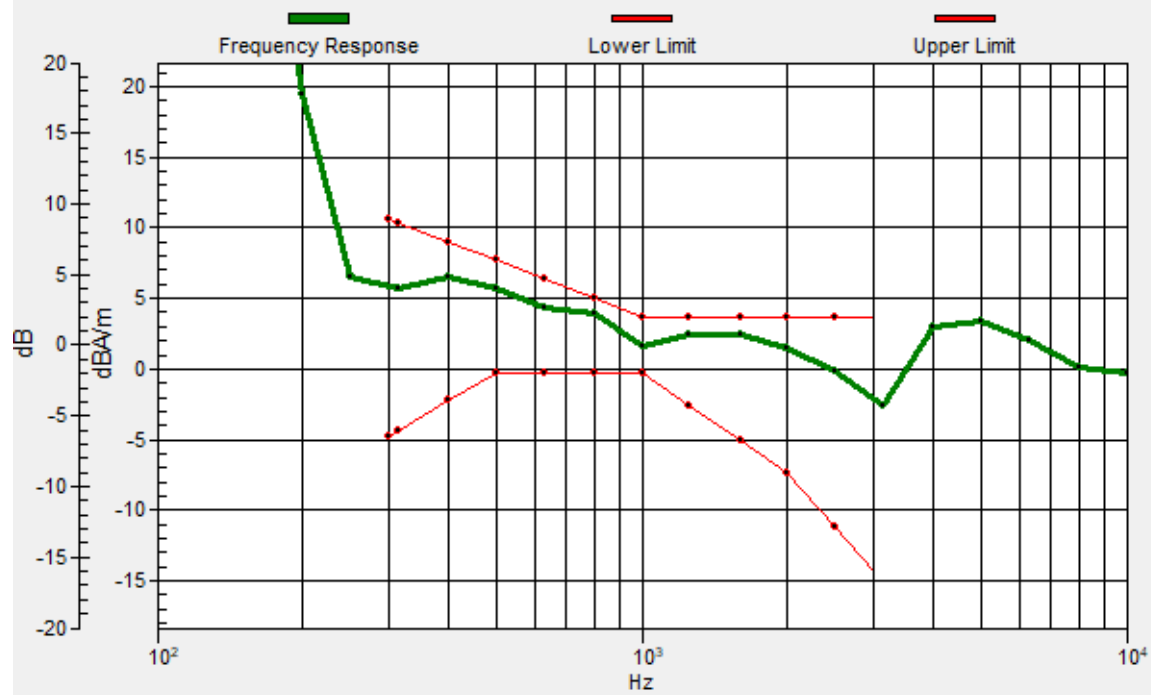
Location: 10.3, -17.3, 3.7 mm



0 dB = 144.4 = 43.19 dB

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

Loc: 10.2, -17.6, 3.7 mm Diff: 1.06dB



#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: 23.6 °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)

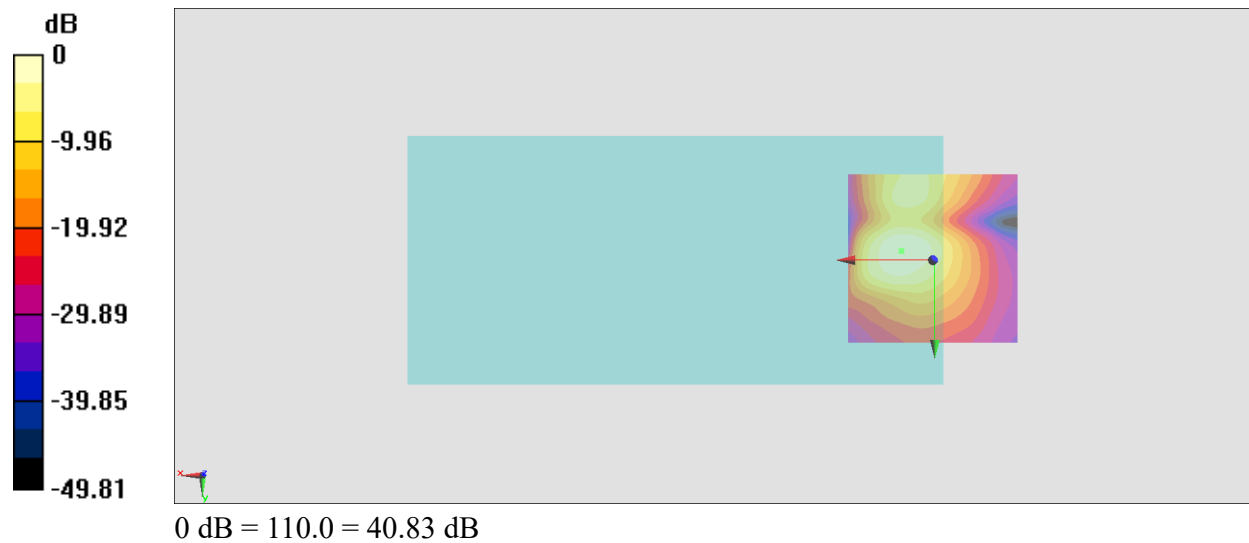
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 40.83 dB

ABM1 comp = -5.13 dBA/m

Location: 9.6, -2.6, 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: 23.6 °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 = 43.89 dB

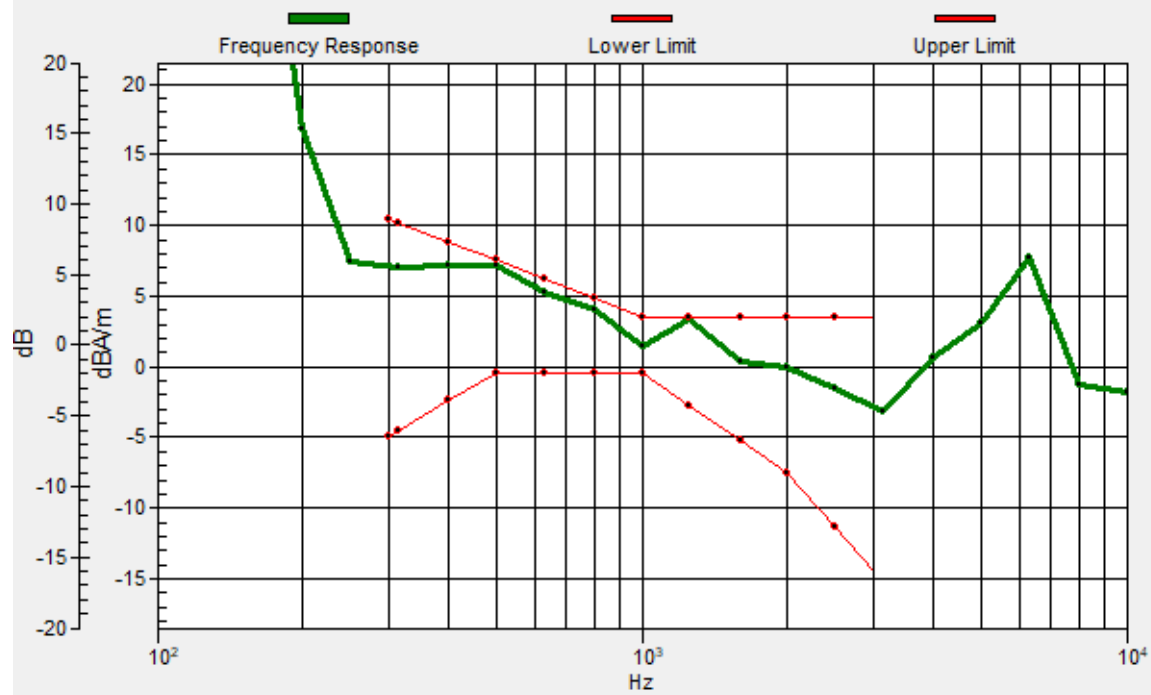
ABM1 comp = -2.78 dBA/m

Location: 10.3, -18, 3.7 mm



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

Loc: 10.2, -17.9, 3.7 mm Diff: 0.11dB



#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: 23.6 °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/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 = 32.83 dB

ABM1 comp = -11.62 dBA/m

Location: 4, -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: 23.6 °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 = 49.54 dB

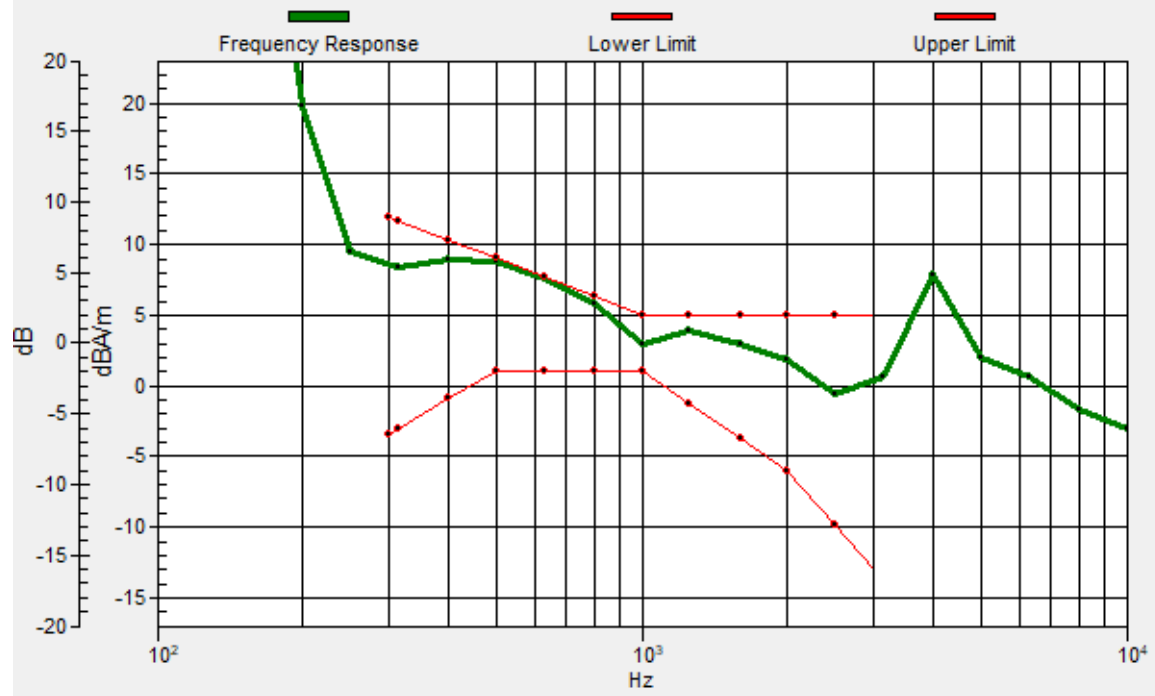
ABM1 comp = -0.82 dBA/m

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, -14.8, 3.7 mm Diff: 0.17dB



#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: 23.6 °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/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 = 38.05 dB

ABM1 comp = -10.52 dBA/m

Location: 4.7, -4, 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: 23.6 °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)

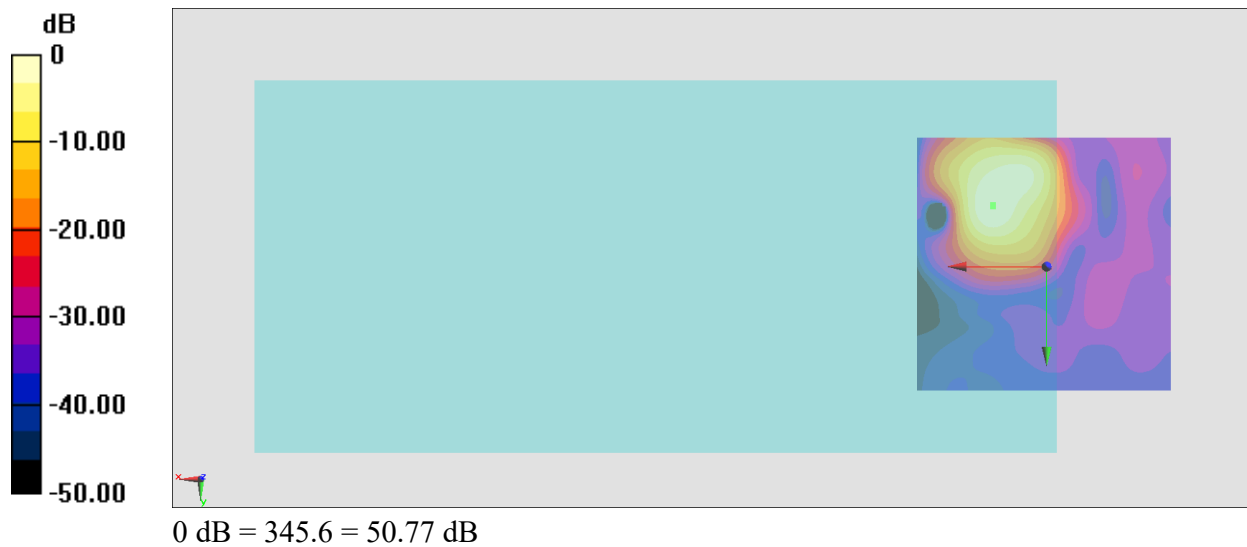
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 50.77 dB

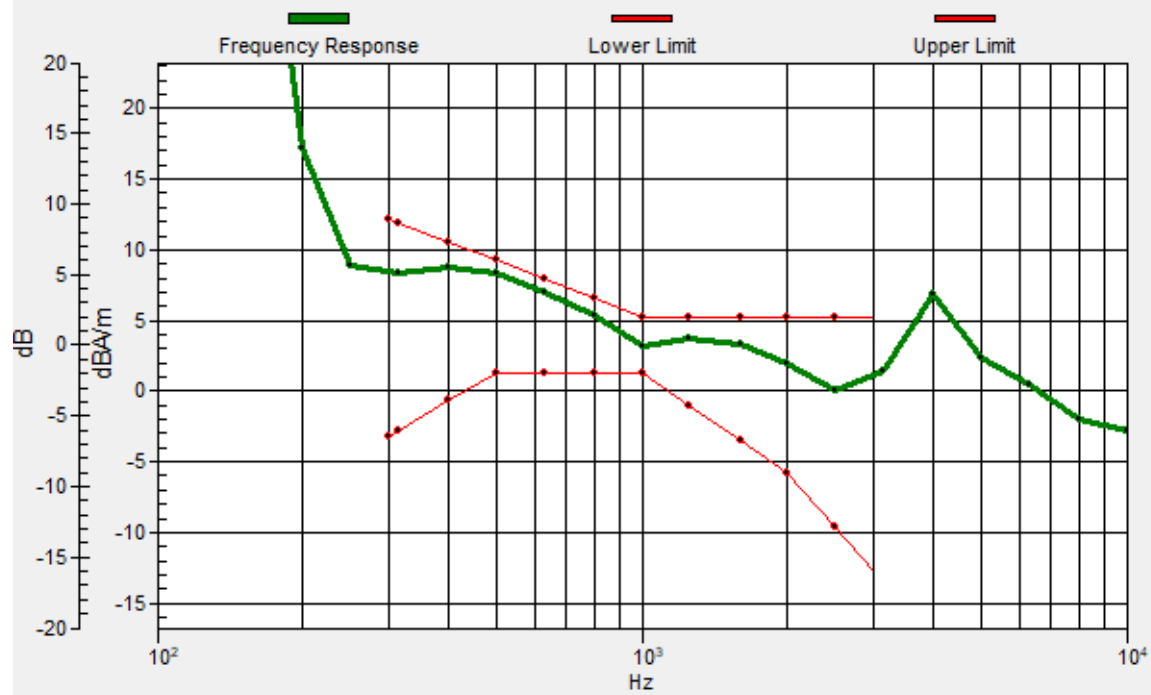
ABM1 comp = 0.41 dBA/m

Location: 10.3, -11.7, 3.7 mm



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

Loc: 10.4, -12, 3.7 mm Diff: 0.87dB



#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: 23.6 °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/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 = 40.46 dB

ABM1 comp = -7.52 dBA/m

Location: 11, -4, 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: 23.6 °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 = 43.89 dB

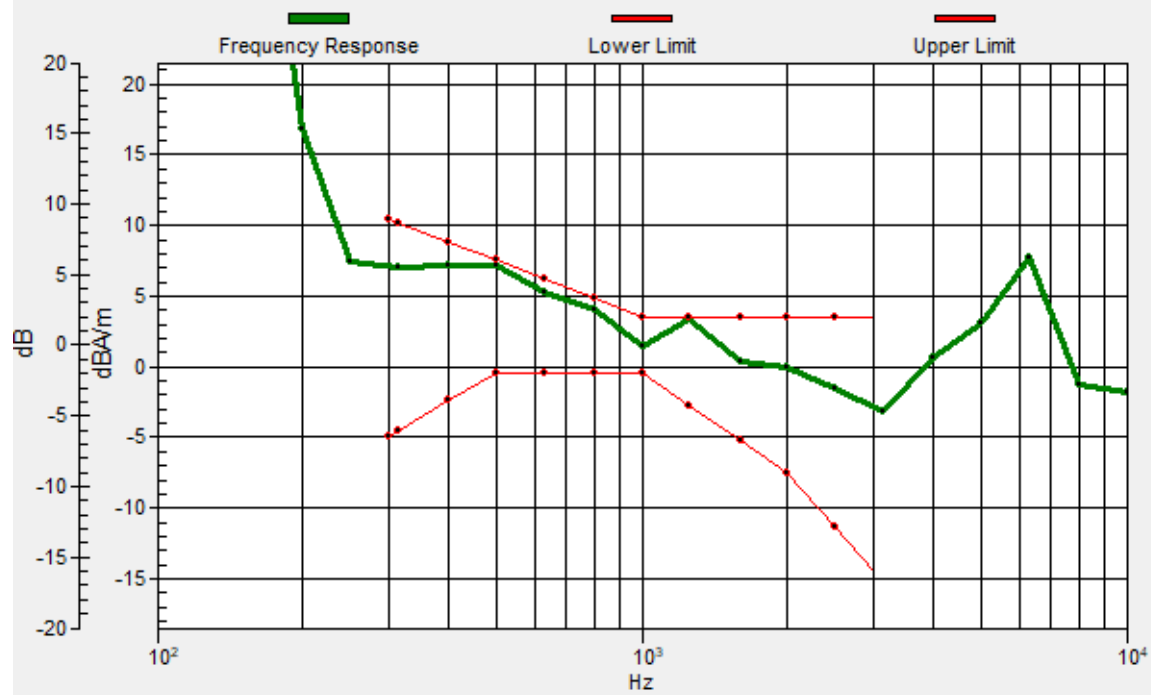
ABM1 comp = -2.78 dBA/m

Location: 10.3, -18, 3.7 mm



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

Loc: 10.2, -17.9, 3.7 mm Diff: 0.11dB



#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: 23.6 °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/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 = 32.83 dB

ABM1 comp = -11.62 dBA/m

Location: 4, -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: 23.6 °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 = 44.28 dB

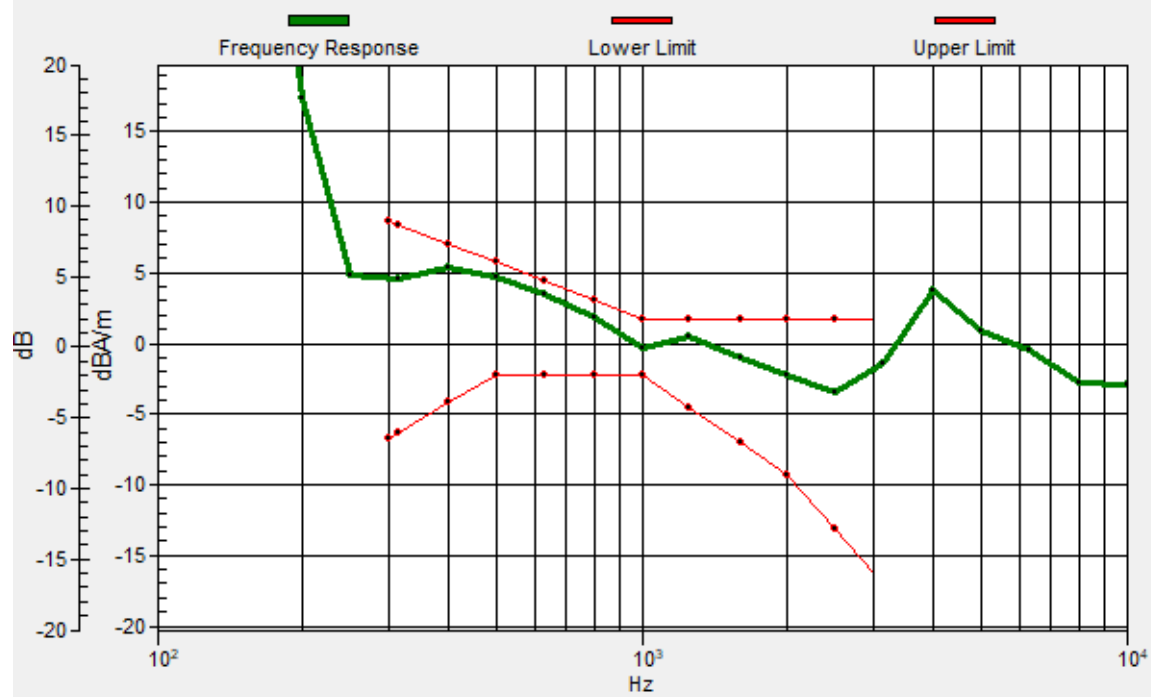
ABM1 comp = -3.92 dBA/m

Location: 8.2, -15.2, 3.7 mm



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

Loc: 8.5, -15, 3.7 mm Diff: 0.86dB



#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: 23.6 °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/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 = 36.05 dB

ABM1 comp = -10.10 dBA/m

Location: 10.3, -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: 23.6 °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 = 44.67 dB

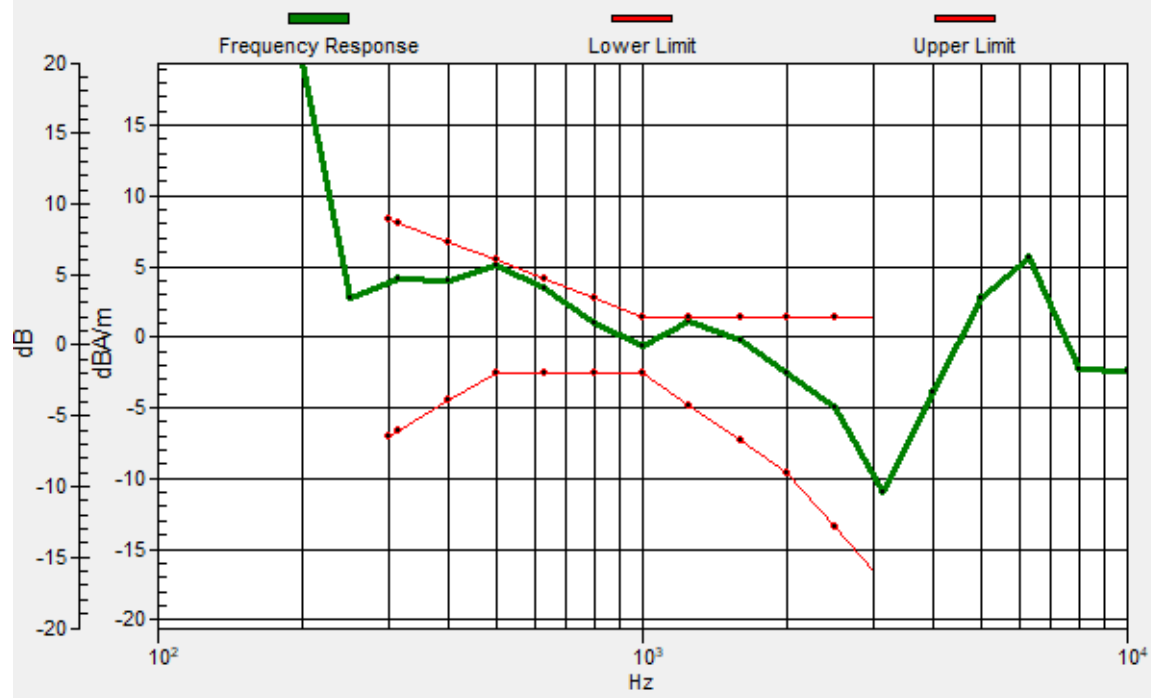
ABM1 comp = -3.01 dBA/m

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: 9.8, -12.7, 3.7 mm Diff: 0.32dB



#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: 23.6 °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/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 = 34.07 dB

ABM1 comp = -10.95 dBA/m

Location: 8.2, -3.3, 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: 23.6 °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 = 44.42 dB

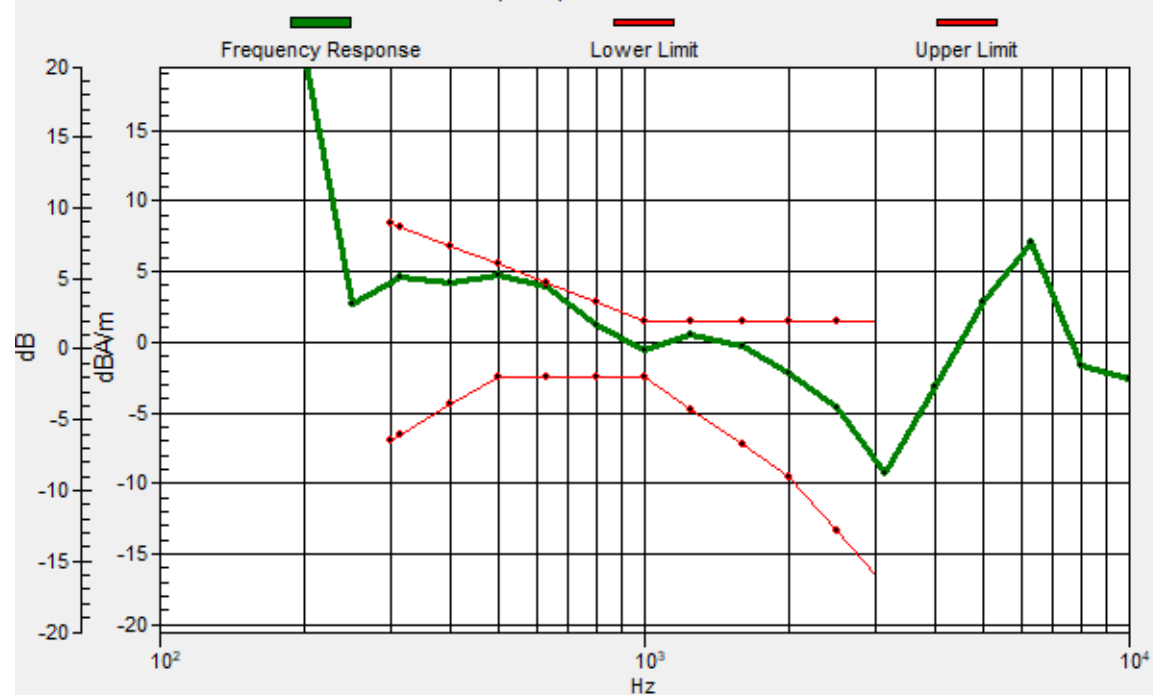
ABM1 comp = -2.71 dBA/m

Location: 10.3, -12.4, 3.7 mm



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

Loc: 10, -12.7, 3.7 mm Diff: 0.22dB



#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: 23.6 °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/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 = 34.22 dB

ABM1 comp = -10.68 dBA/m

Location: 8.9, -3.3, 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: 23.6 °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 = 45.27 dB

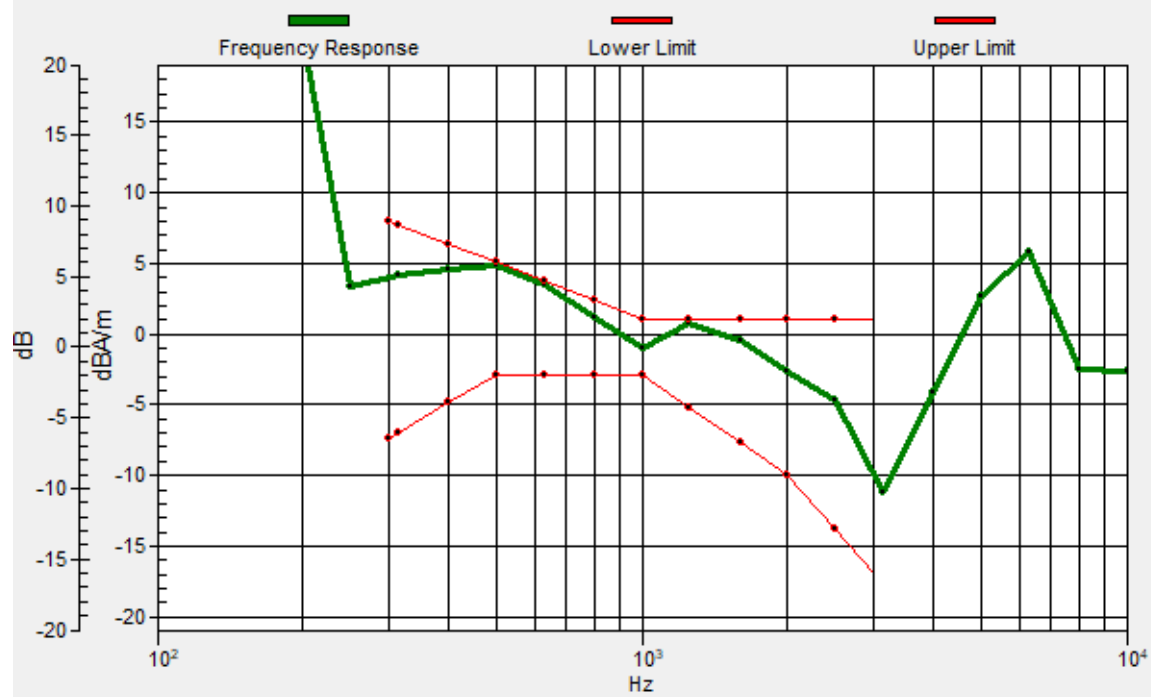
ABM1 comp = -2.80 dBA/m

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: 9.5, -12, 3.7 mm Diff: 0.2dB



#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: 23.6 °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/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 = 34.51 dB

ABM1 comp = -10.77 dBA/m

Location: 8.2, -3.3, 3.7 mm



#32_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: 23.6 °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 = 43.62 dB

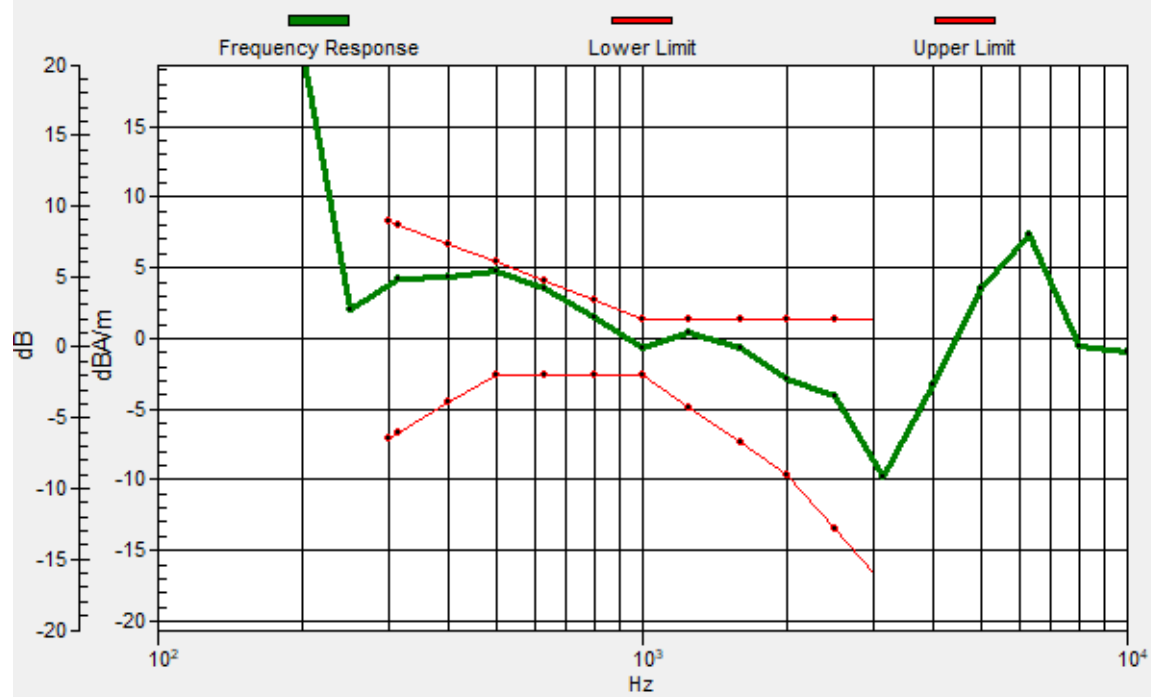
ABM1 comp = -2.29 dBA/m

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: 9.6, -12.3, 3.7 mm Diff: 0.49dB



#32_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: 23.6 °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/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 = 33.89 dB

ABM1 comp = -11.03 dBA/m

Location: 8.2, -3.3, 3.7 mm



#33_HAC_T-Coil_WLAN5G UNII 4_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: 23.6 °C

DASY5 Configuration

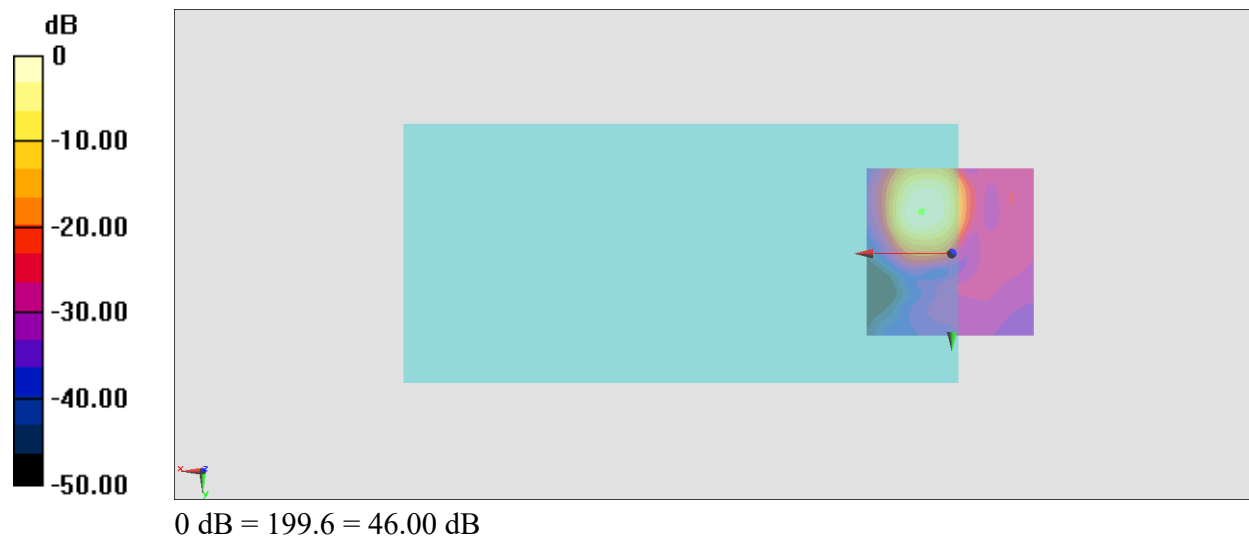
- Probe: AM1DV3 - 3130; ; Calibrated: 2021/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 46.00 dB

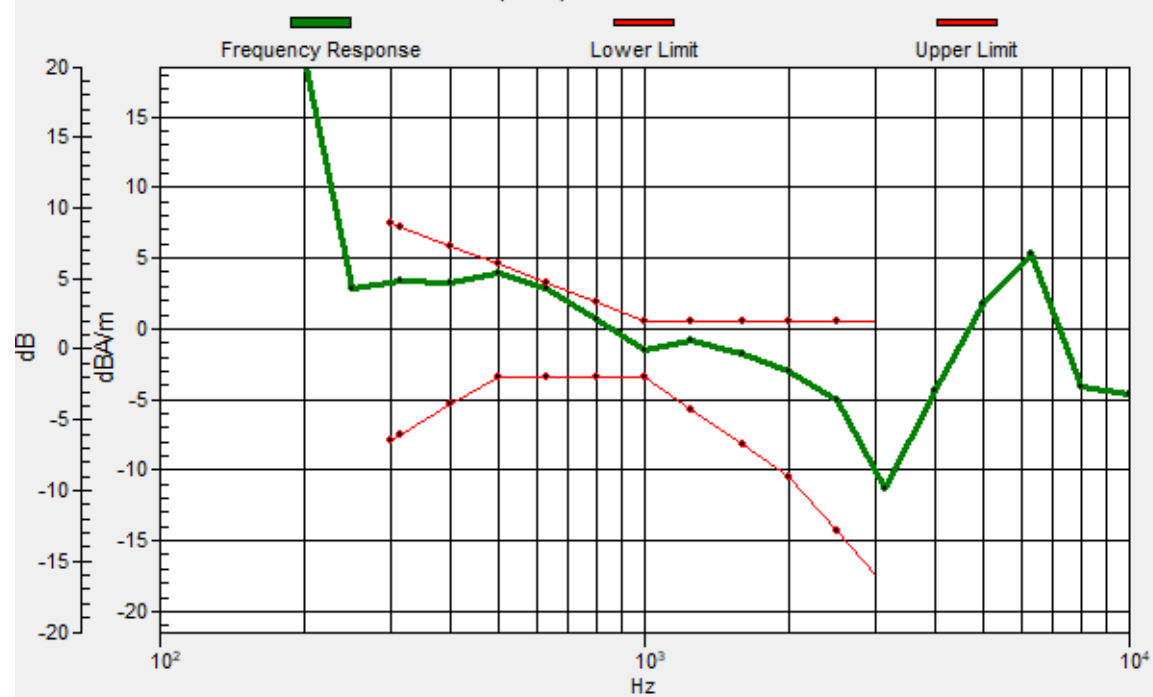
ABM1 comp = -2.67 dBA/m

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: 9.1, -12.2, 3.7 mm Diff: 0.34dB



#33_HAC_T-Coil_WLAN5G UNII 4_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: 23.6 °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/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 = 36.29 dB

ABM1 comp = -10.54 dBA/m

Location: 8.9, -2.6, 3.7 mm



#34_HAC_T-Coil_GSM850_EDGE 2 Tx_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 = 32.38 dB

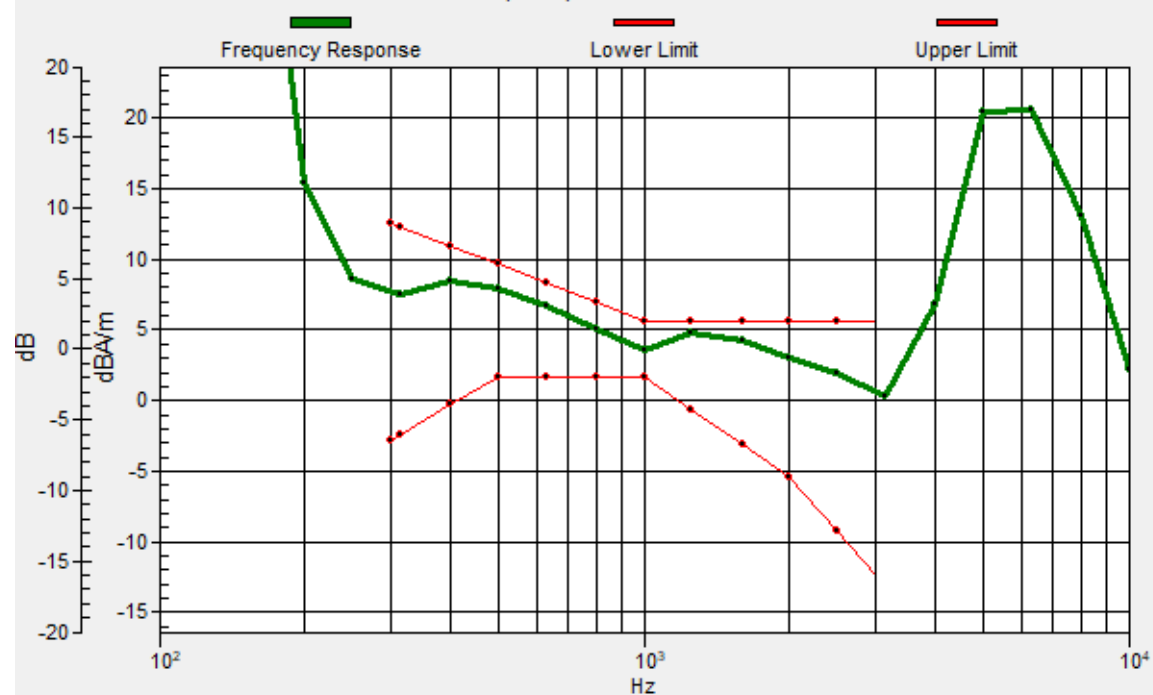
ABM1 comp = -7.79 dBA/m

Location: 11, -14.5, 3.7 mm



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

Loc: 10.8, -14.5, 3.7 mm Diff: 0.78dB



#34_HAC_T-Coil_GSM850_EDGE 2 Tx_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: 23.6 °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/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 = 31.88 dB

ABM1 comp = -9.42 dBA/m

Location: 18, -3.3, 3.7 mm



#35_HAC_T-Coil_GSM1900_EDGE 2 Tx_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: 23.6 °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 = 41.96 dB

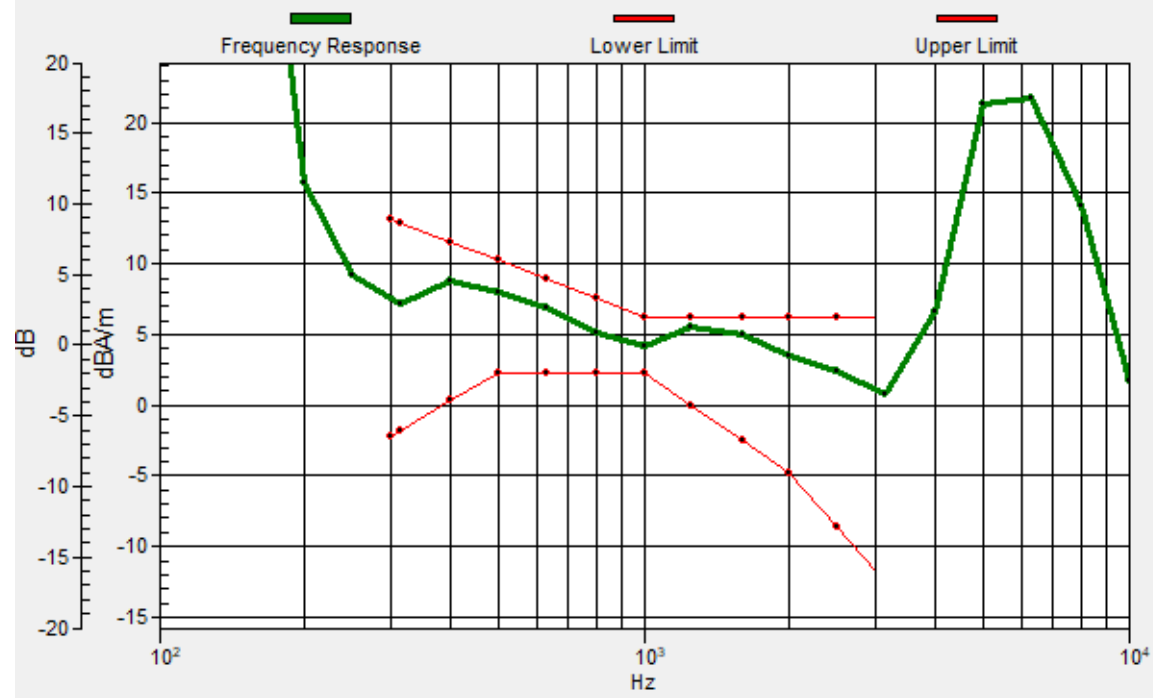
ABM1 comp = 0.62 dBA/m

Location: 11, -16.6, 3.7 mm



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

Loc: 11, -16.5, 3.7 mm Diff: 0.75dB



#35_HAC_T-Coil_GSM1900_EDGE 2 Tx_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: 23.6 °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/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 = 34.80 dB

ABM1 comp = -9.29 dBA/m

Location: -3, -25, 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: 23.6 °C

DASY5 Configuration

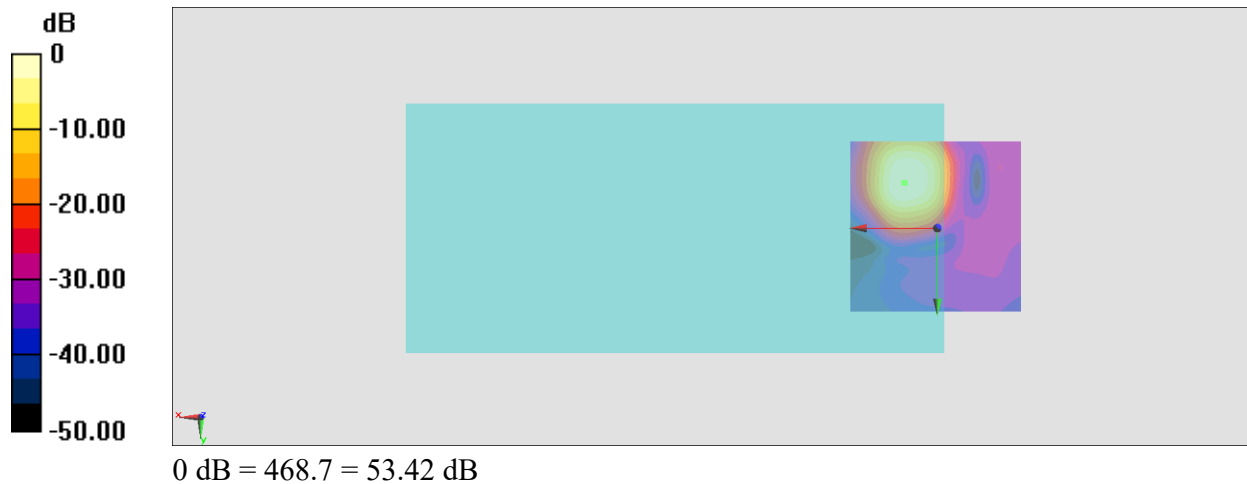
- Probe: AM1DV3 - 3130; ; Calibrated: 2021/8/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1311; Calibrated: 2021/8/20
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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 = 53.42 dB

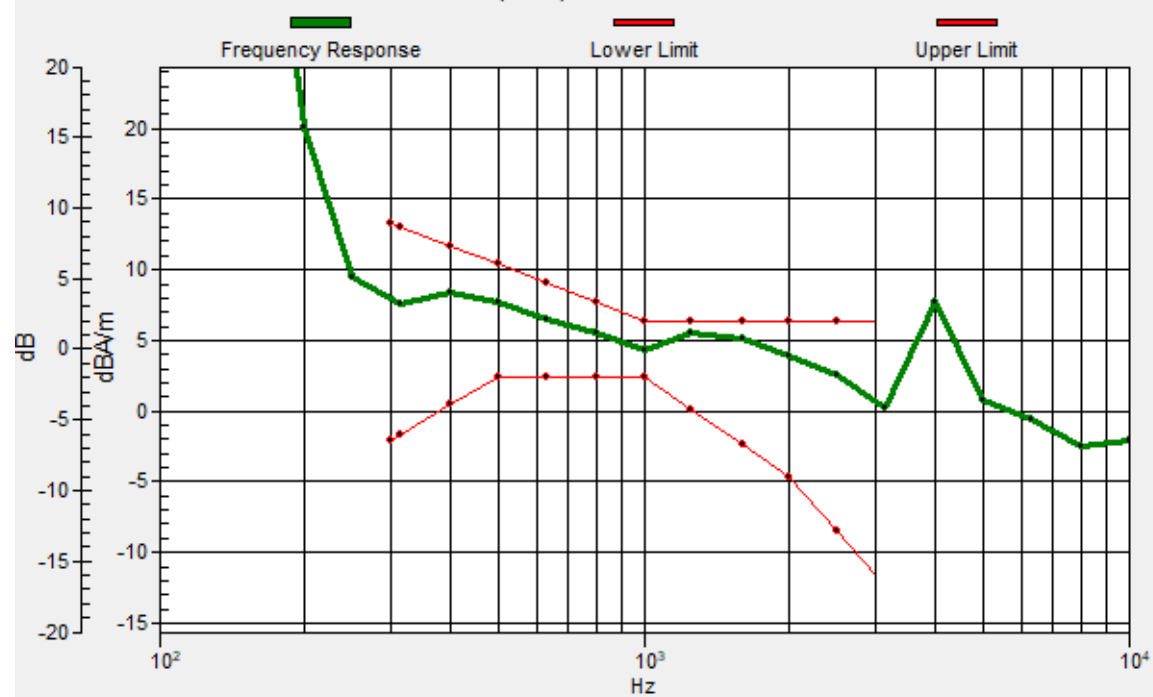
ABM1 comp = 4.08 dBA/m

Location: 9.6, -13.1, 3.7 mm



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

Loc: 9.5, -13.2, 3.7 mm Diff: 0.84dB



#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: 23.6 °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/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 = 42.37 dB

ABM1 comp = -4.02 dBA/m

Location: 8.2, -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: 23.6 °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 = 53.47 dB

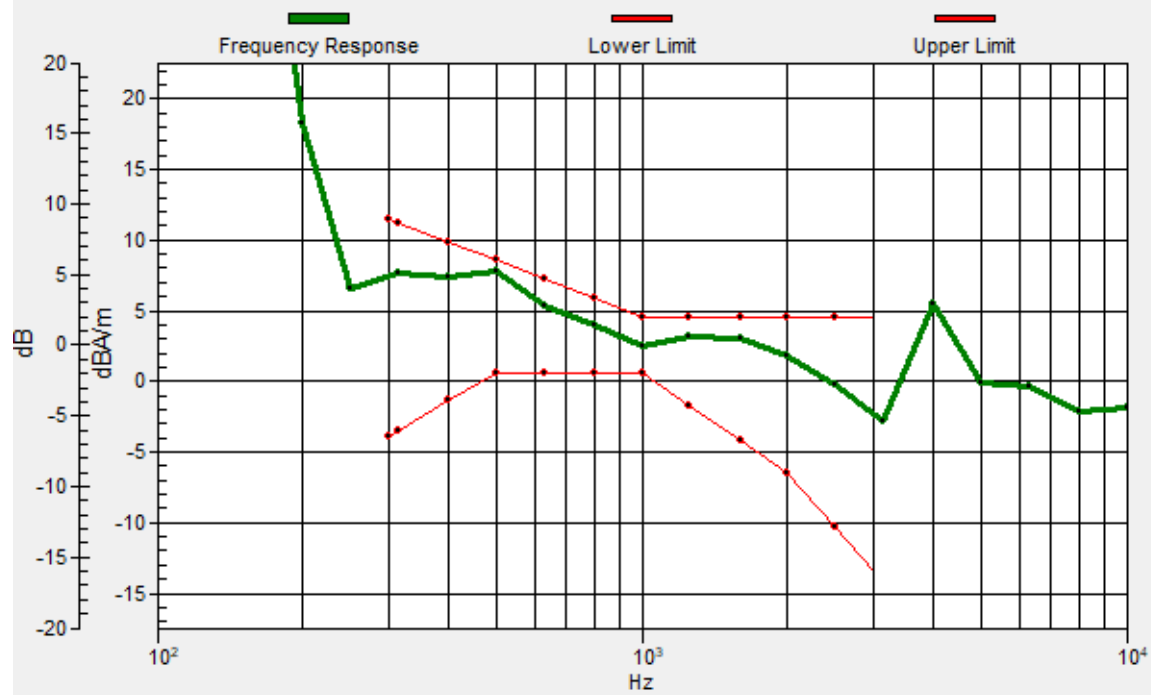
ABM1 comp = 4.46 dBA/m

Location: 10.3, -12.4, 3.7 mm



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

Loc: 10.4, -12.5, 3.7 mm Diff: 0.7dB



#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: 23.6 °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/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 = 43.80 dB

ABM1 comp = -2.95 dBA/m

Location: 9.6, -3.3, 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: 23.6 °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 = 54.50 dB

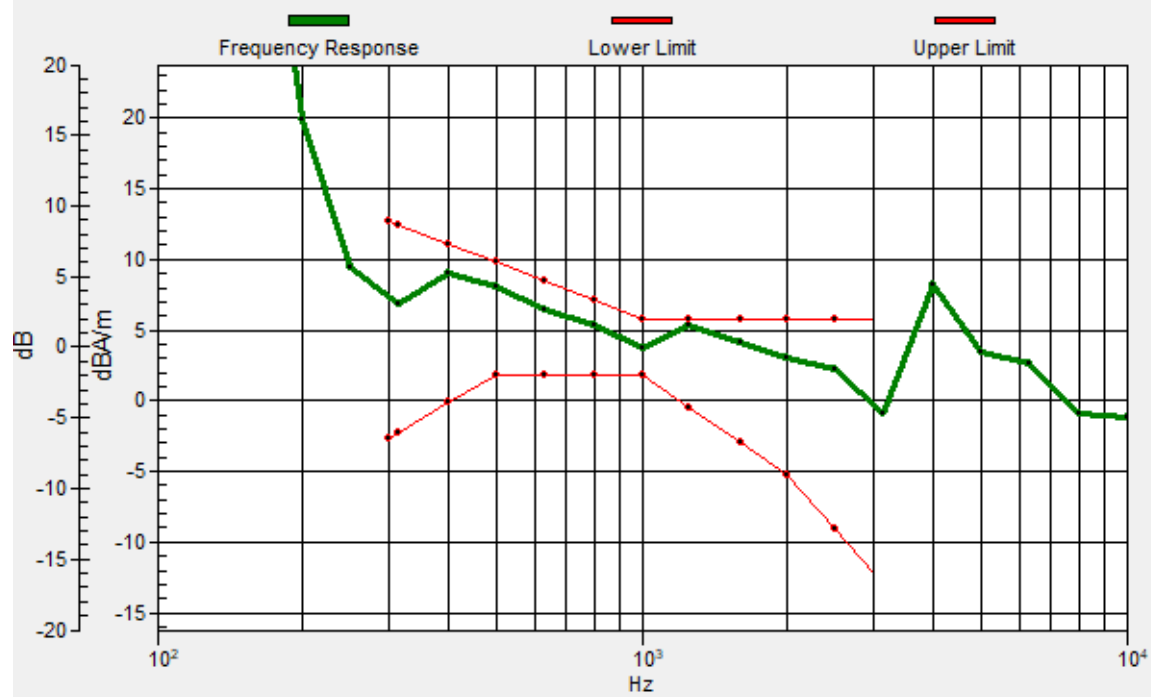
ABM1 comp = 5.27 dBA/m

Location: 10.3, -12.4, 3.7 mm



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

Loc: 10.3, -12.5, 3.7 mm Diff: 0.44dB



#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: 23.6 °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/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 = 44.02 dB

ABM1 comp = -2.73 dBA/m

Location: 10.3, -3.3, 3.7 mm



#39_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: 23.6 °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)

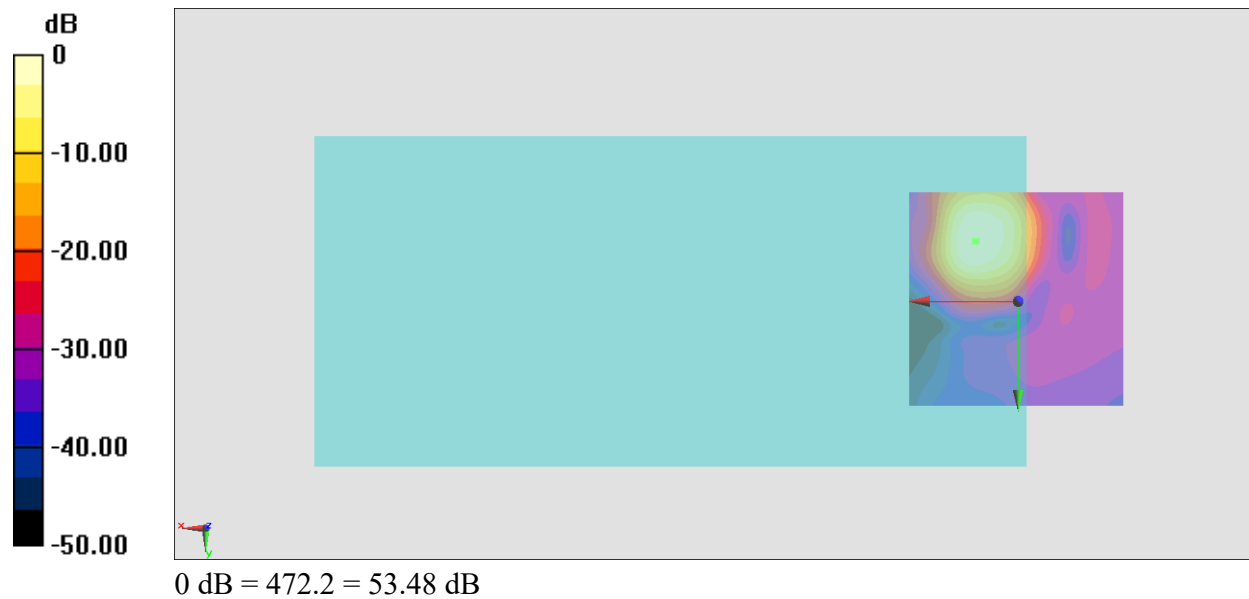
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

ABM1/ABM2 = 53.48 dB

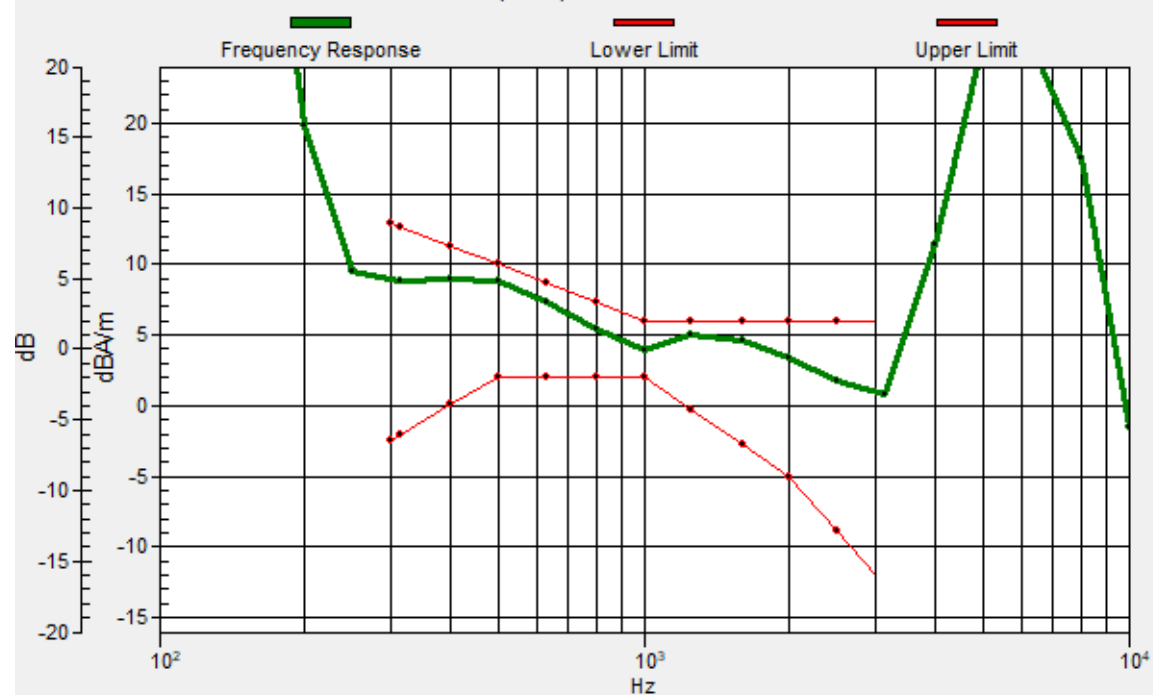
ABM1 comp = 4.95 dBA/m

Location: 9.6, -13.8, 3.7 mm



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

Loc: 9.9, -13.9, 3.7 mm Diff: 0.95dB



#39_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: 23.6 °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/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 = 44.50 dB

ABM1 comp = -2.11 dBA/m

Location: 8.9, -4, 3.7 mm



#40_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: 23.6 °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 = 49.96 dB

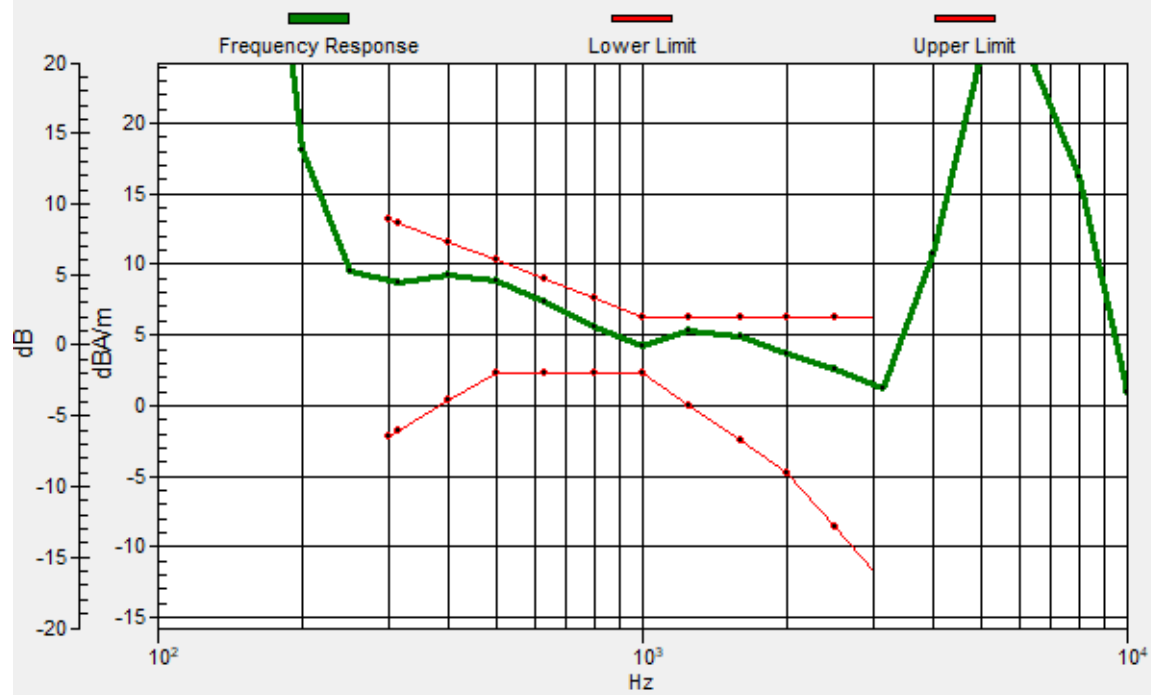
ABM1 comp = 4.53 dBA/m

Location: 9.6, -13.1, 3.7 mm



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

Loc: 9.7, -13, 3.7 mm Diff: 0.91dB



#40_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: 23.6 °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/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 = -4.18 dBA/m

Location: 6.8, -3.3, 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: 23.6 °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 = 46.88 dB

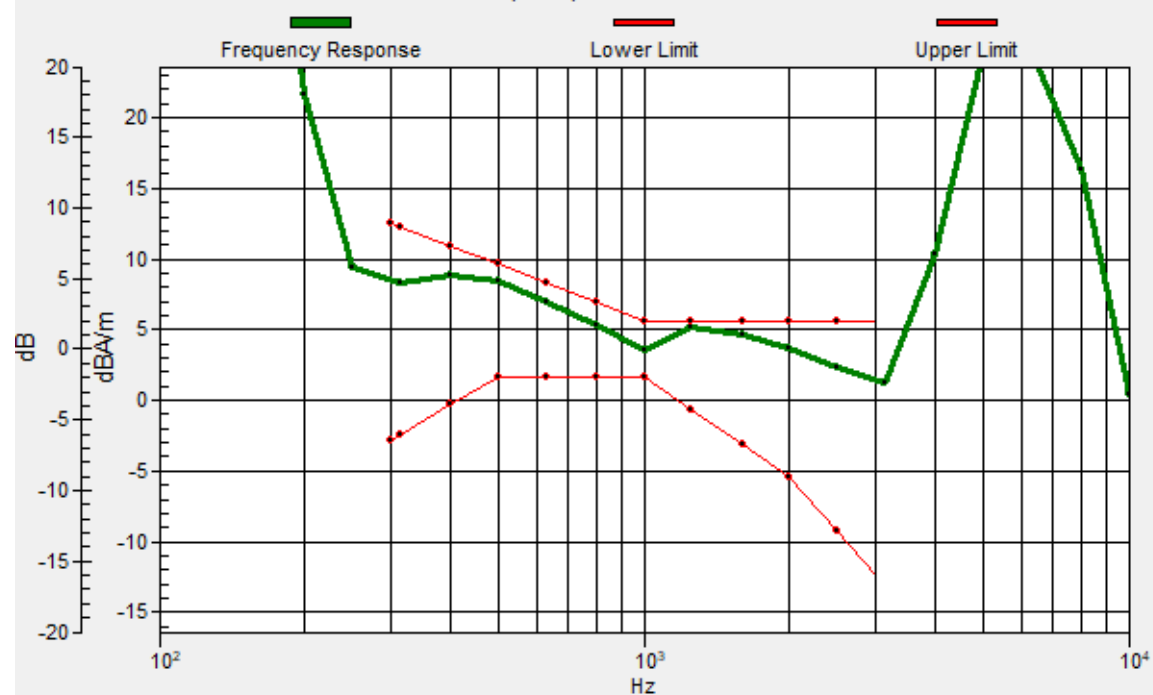
ABM1 comp = 4.20 dBA/m

Location: 11, -12.4, 3.7 mm



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

Loc: 10.8, -12.3, 3.7 mm Diff: 0.5dB



#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: 23.6 °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)

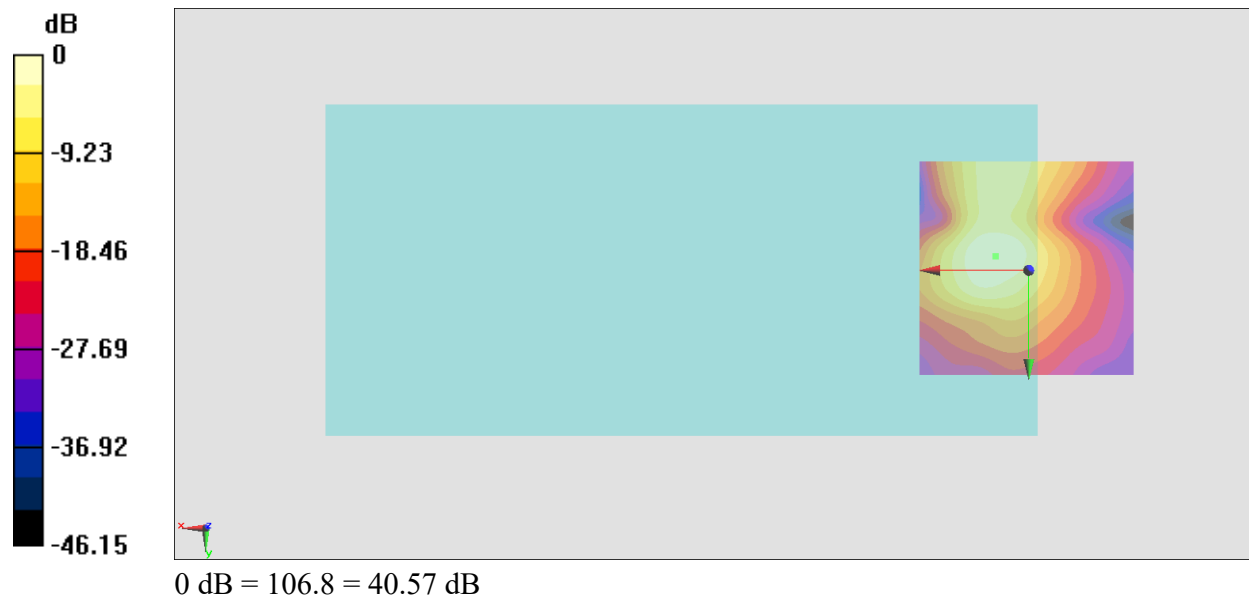
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 40.57 dB

ABM1 comp = -4.02 dBA/m

Location: 7.5, -3.3, 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: 23.6 °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 = 50.43 dB

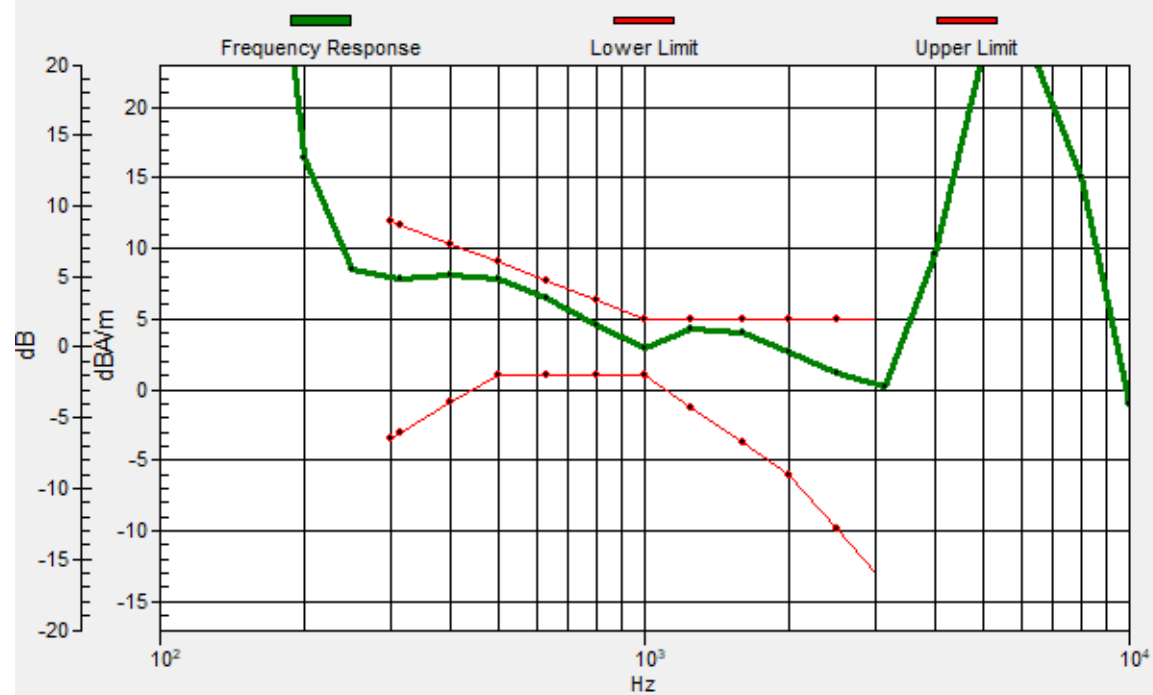
ABM1 comp = 2.92 dBA/m

Location: 6.8, -13.1, 3.7 mm



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

Loc: 7.1, -12.7, 3.7 mm Diff: 0.68dB



#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: 23.6 °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/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 = 41.13 dB

ABM1 comp = -4.35 dBA/m

Location: 6.1, -3.3, 3.7 mm



#43_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: 23.6 °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 = 53.30 dB

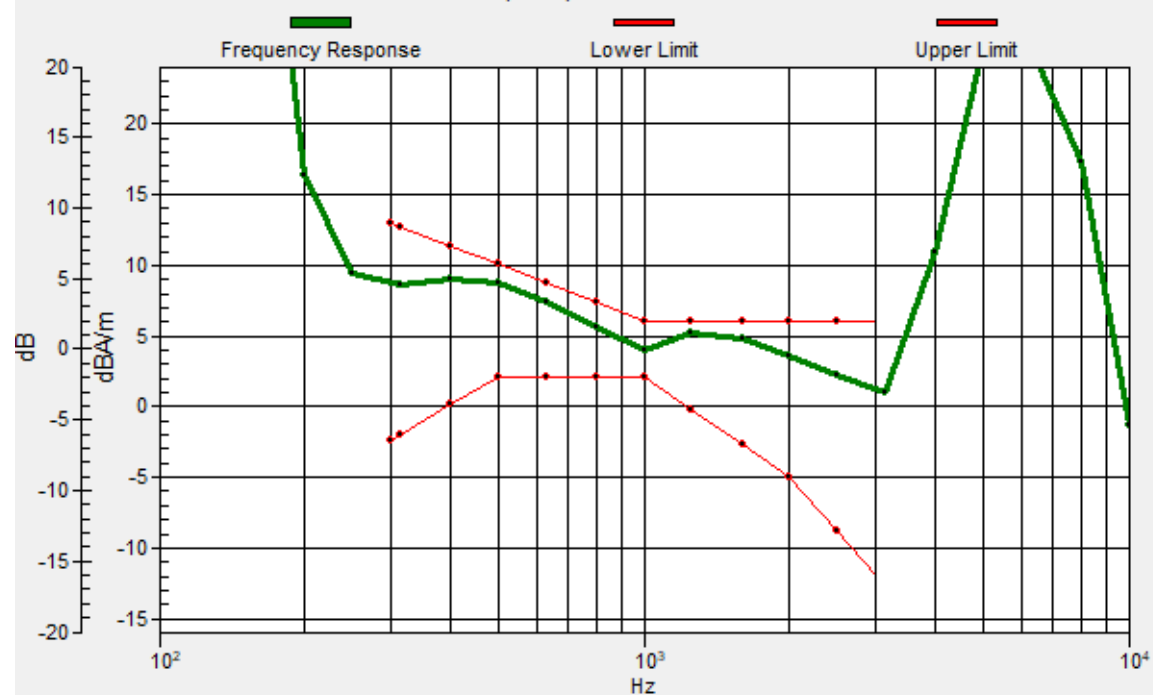
ABM1 comp = 4.52 dBA/m

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, -12.8, 3.7 mm Diff: 0.83dB



#43_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: 23.6 °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/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 = 43.51 dB

ABM1 comp = -3.29 dBA/m

Location: 8.9, -3.3, 3.7 mm



#44_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: 23.6 °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 = 49.96 dB

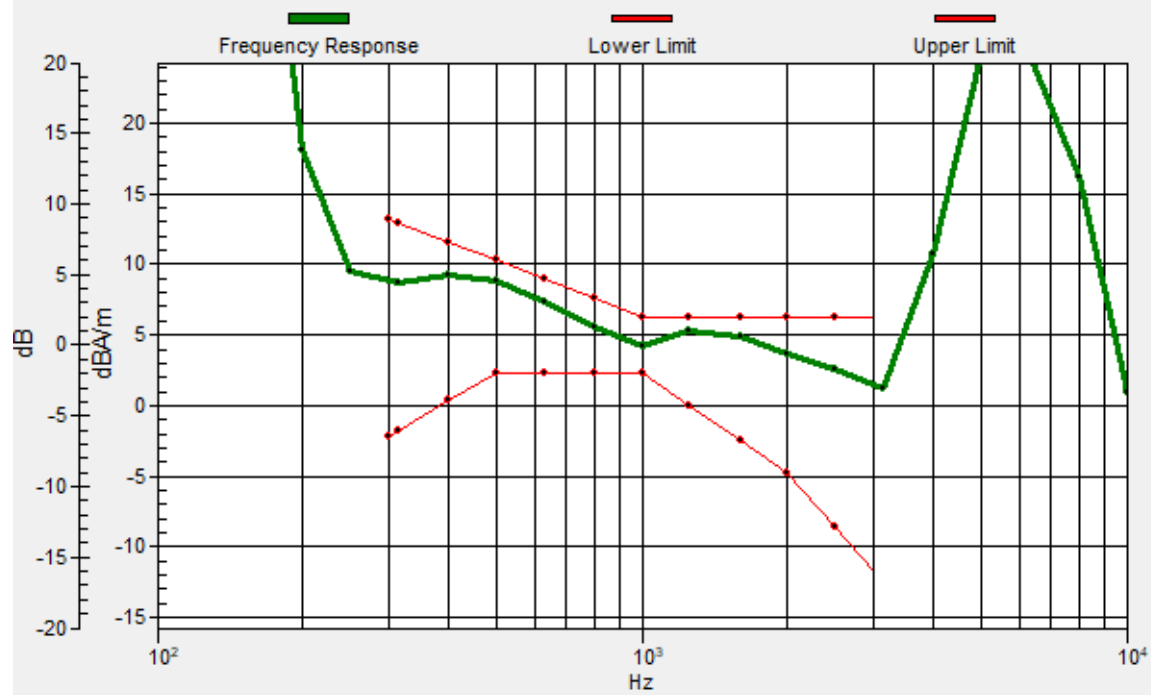
ABM1 comp = 4.53 dBA/m

Location: 9.6, -13.1, 3.7 mm



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

Loc: 9.7, -13, 3.7 mm Diff: 0.91dB



#44_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: 23.6 °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/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 = -4.18 dBA/m

Location: 6.8, -3.3, 3.7 mm

