

#27_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = 35.09 dB

ABM1 comp = -11.43 dBA/m

Location: 3.3, -12.4, 3.7 mm



#28_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = 44.29 dB

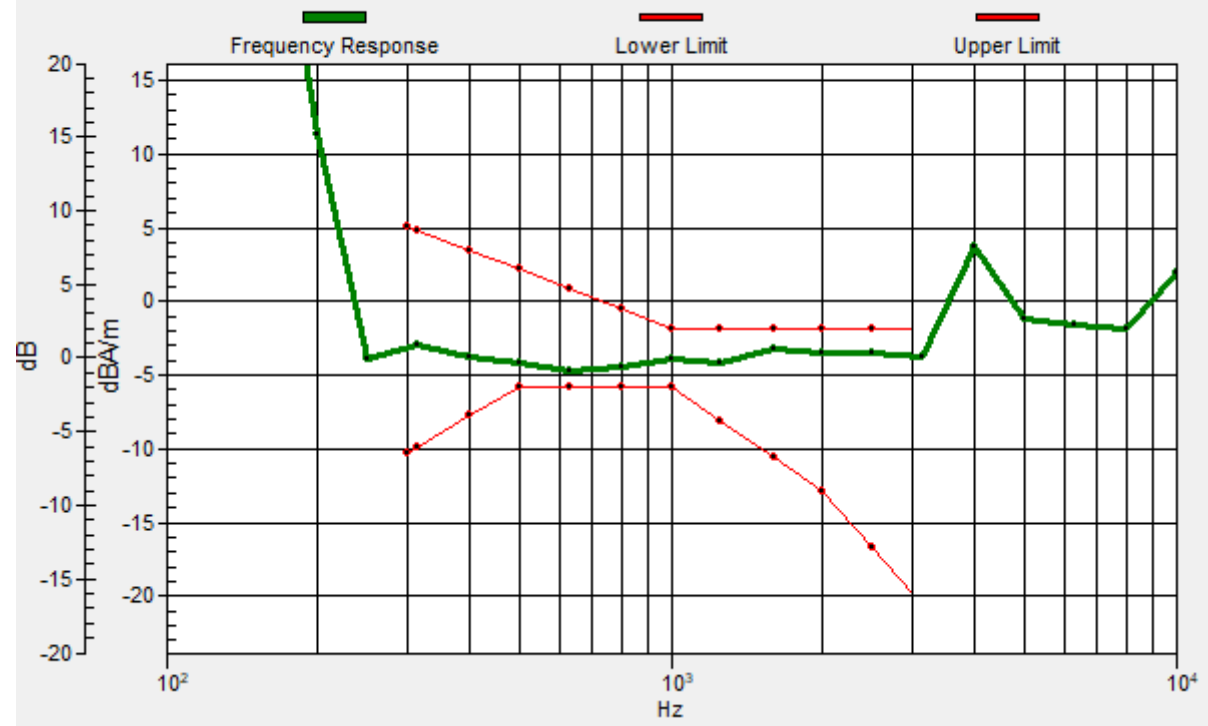
ABM1 comp = -3.50 dBA/m

Location: 2.6, -3.3, 3.7 mm



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

Loc: 2.6, -3.3, 3.7 mm Diff: 1.18dB



#28_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

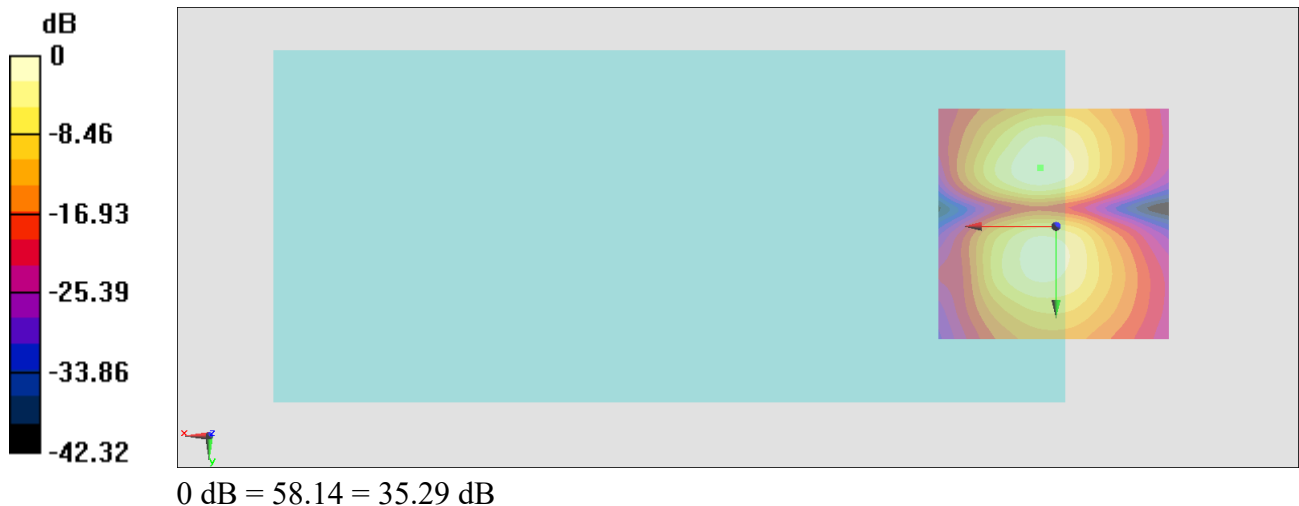
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 35.29 dB

ABM1 comp = -11.22 dBA/m

Location: 3.3, -12.4, 3.7 mm



#29_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = 44.98 dB

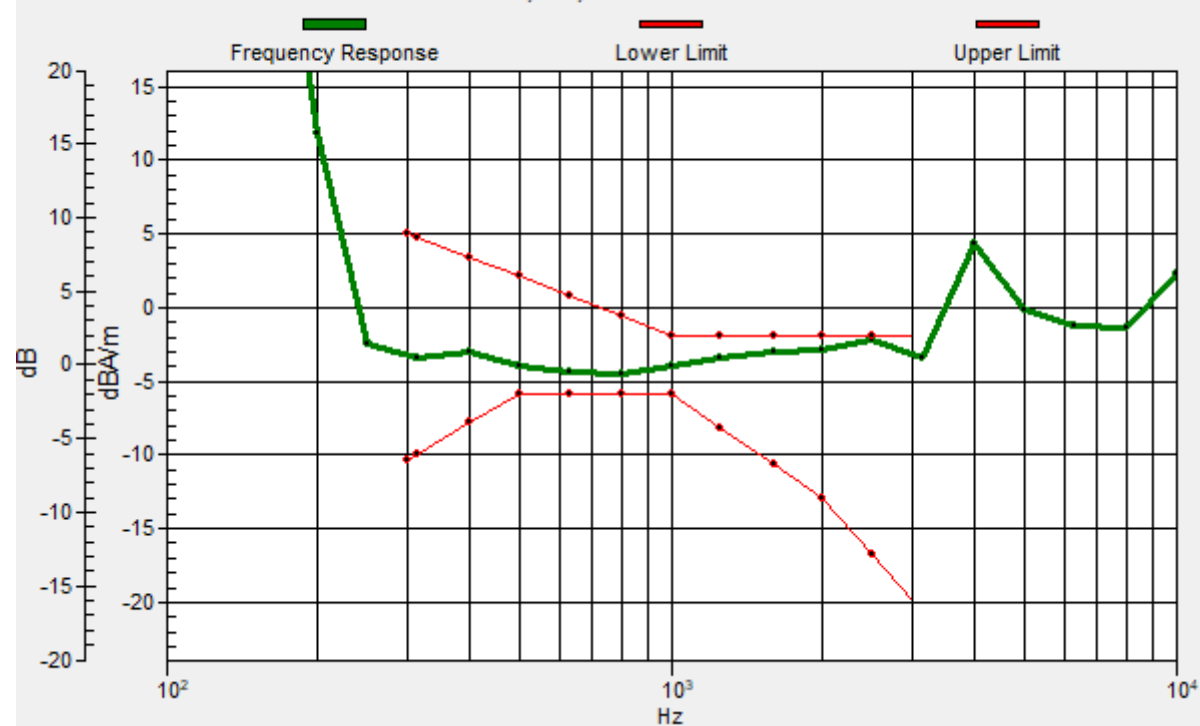
ABM1 comp = -3.32 dBA/m

Location: 2.6, -3.3, 3.7 mm



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

Loc: 2.9, -3.2, 3.7 mm Diff: 0.34dB



#29_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = -11.05 dBA/m

Location: 4, -12.4, 3.7 mm



#30_HAC_T-Coil_CDMA BC0_RTAP 153.6Kbps_Ch384_Axial (Z)

Communication System: CDMA T-Coil; Frequency: 836.52 MHz

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

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

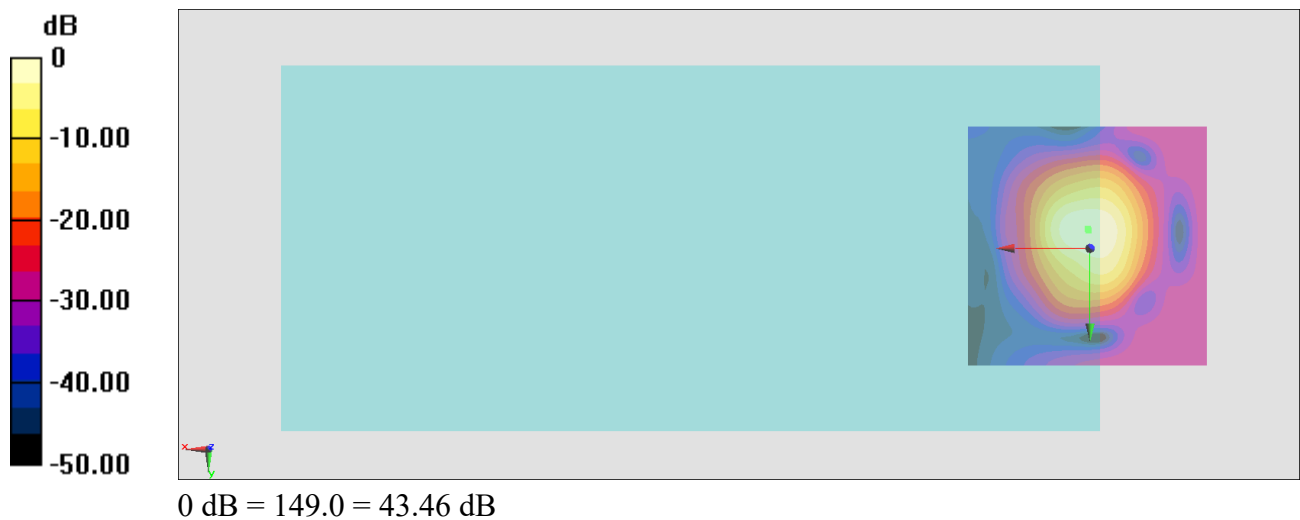
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 43.46 dB

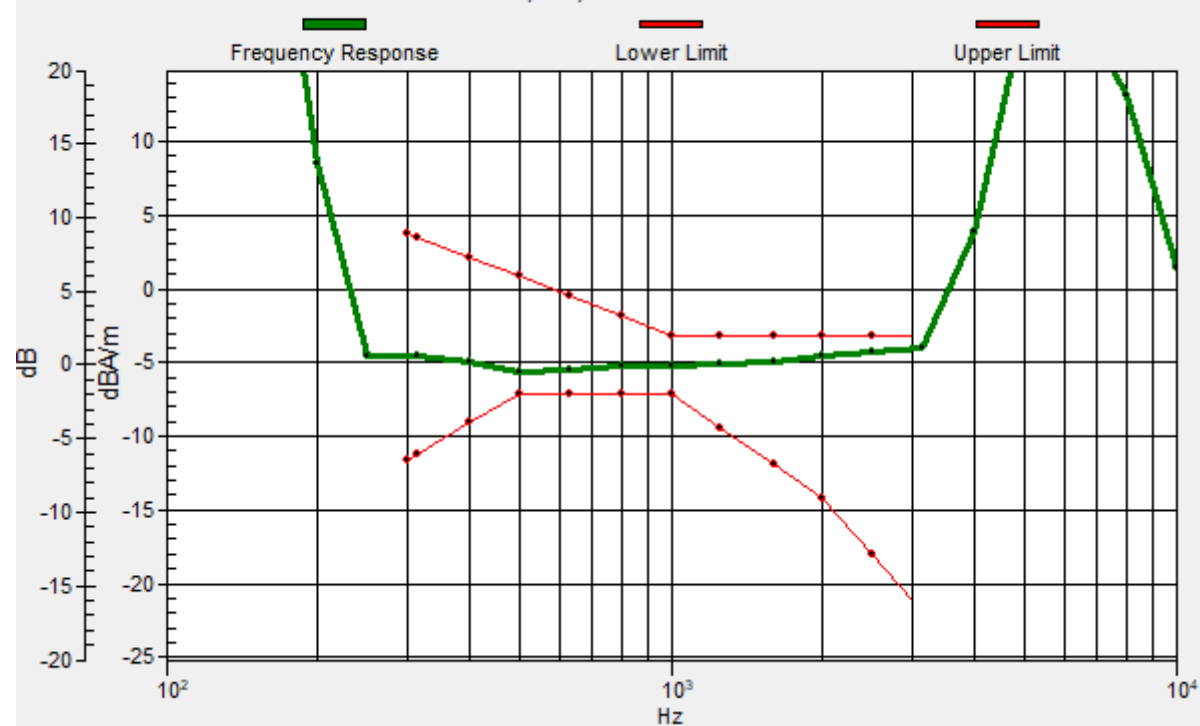
ABM1 comp = -4.87 dBA/m

Location: 0.5, -4, 3.7 mm



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

Loc: 0.3, -3.7, 3.7 mm Diff: 0.95dB



#30_HAC_T-Coil_CDMA BC0_RTAP 153.6Kbps_Ch384_Transversal (Y)

Communication System: CDMA T-Coil; Frequency: 836.52 MHz

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

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

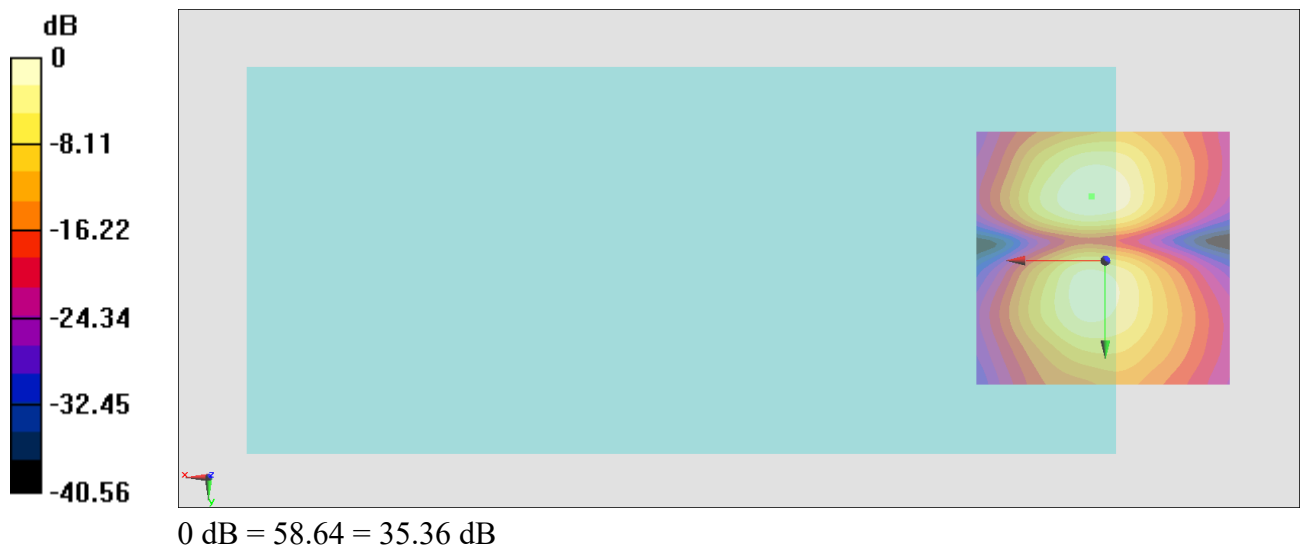
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 35.36 dB

ABM1 comp = -11.04 dBA/m

Location: 2.6, -12.4, 3.7 mm



#31_HAC_T-Coil_CDMA BC1_RTAP 153.6Kbps_Ch600_Axial (Z)

Communication System: CDMA T-Coil; Frequency: 1880 MHz

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

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = 44.16 dB

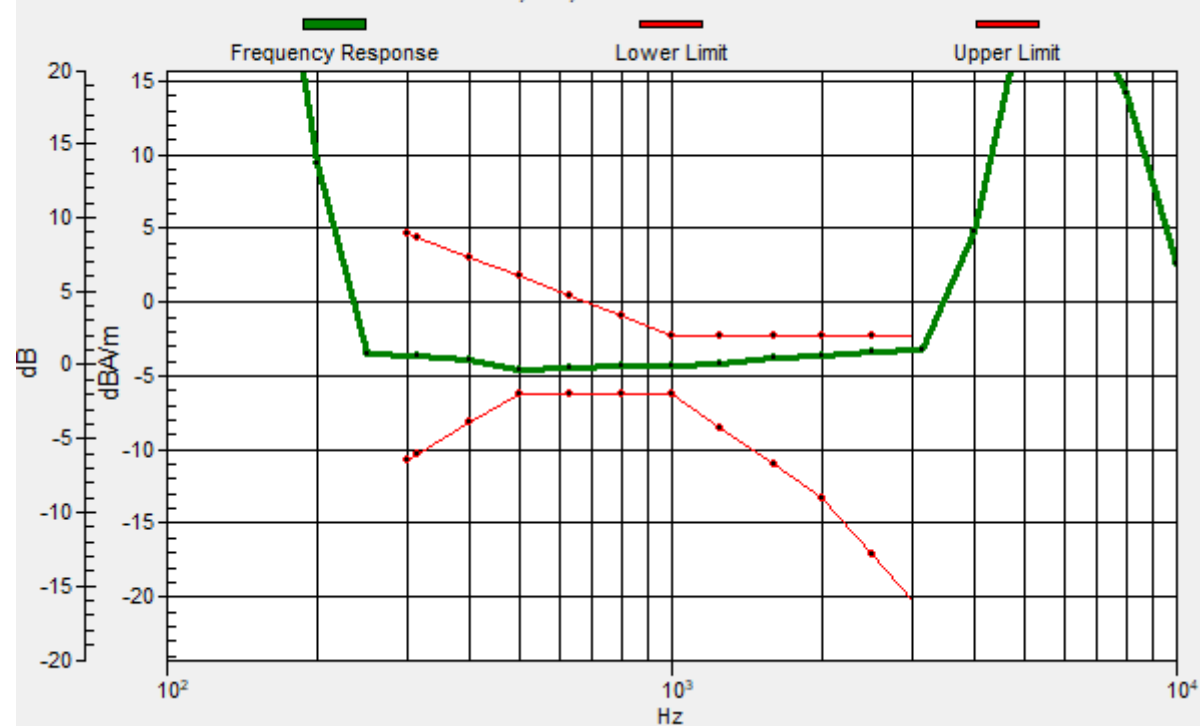
ABM1 comp = -4.22 dBA/m

Location: 1.9, -3.3, 3.7 mm



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

Loc: 2, -3.1, 3.7 mm Diff: 0.95dB



#31_HAC_T-Coil_CDMA BC1_RTAP 153.6Kbps_Ch600_Transversal (Y)

Communication System: CDMA T-Coil; Frequency: 1880 MHz

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

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = 35.61 dB

ABM1 comp = -10.73 dBA/m

Location: 4, -12.4, 3.7 mm



#32_HAC_T-Coil_CDMA BC10_RTAP 153.6Kbps_Ch580_Axial (Z)

Communication System: CDMA T-Coil; Frequency: 820.5 MHz

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

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = 44.45 dB

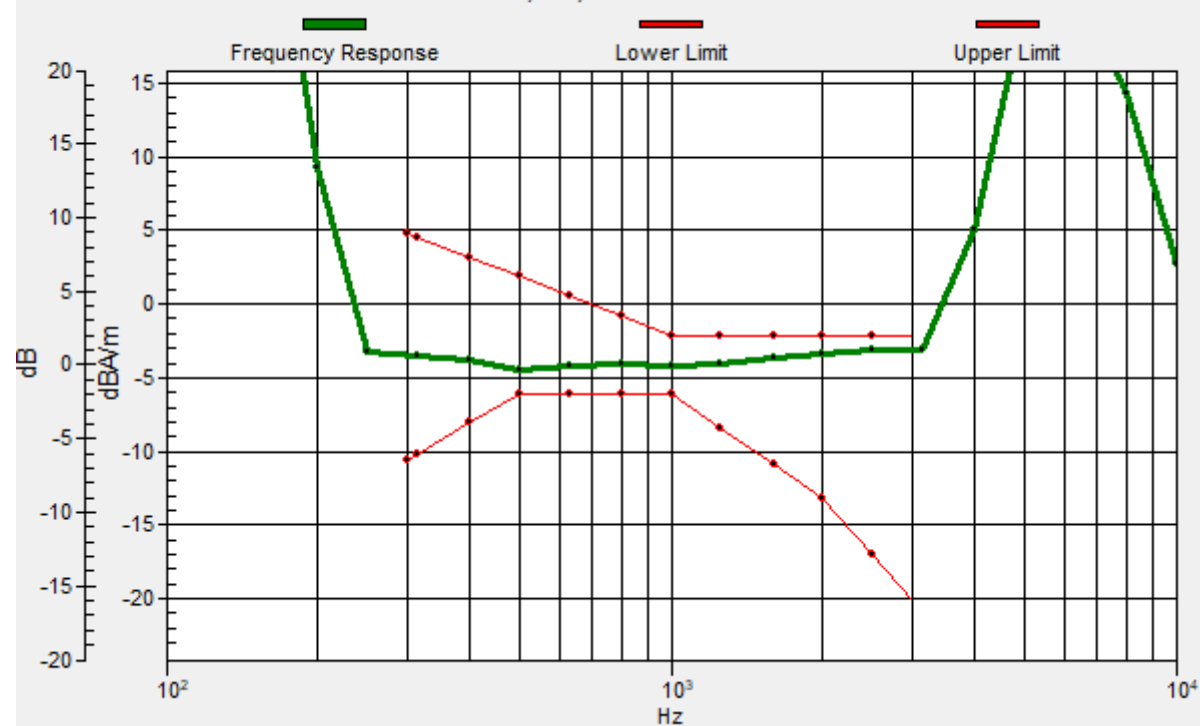
ABM1 comp = -4.04 dBA/m

Location: 1.9, -3.3, 3.7 mm



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

Loc: 2.2, -3.2, 3.7 mm Diff: 0.94dB



#32_HAC_T-Coil_CDMA BC10_RTAP 153.6Kbps_Ch580_Transversal (Y)

Communication System: CDMA T-Coil; Frequency: 820.5 MHz

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

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = 35.99 dB

ABM1 comp = -10.63 dBA/m

Location: 4, -12.4, 3.7 mm



#33_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

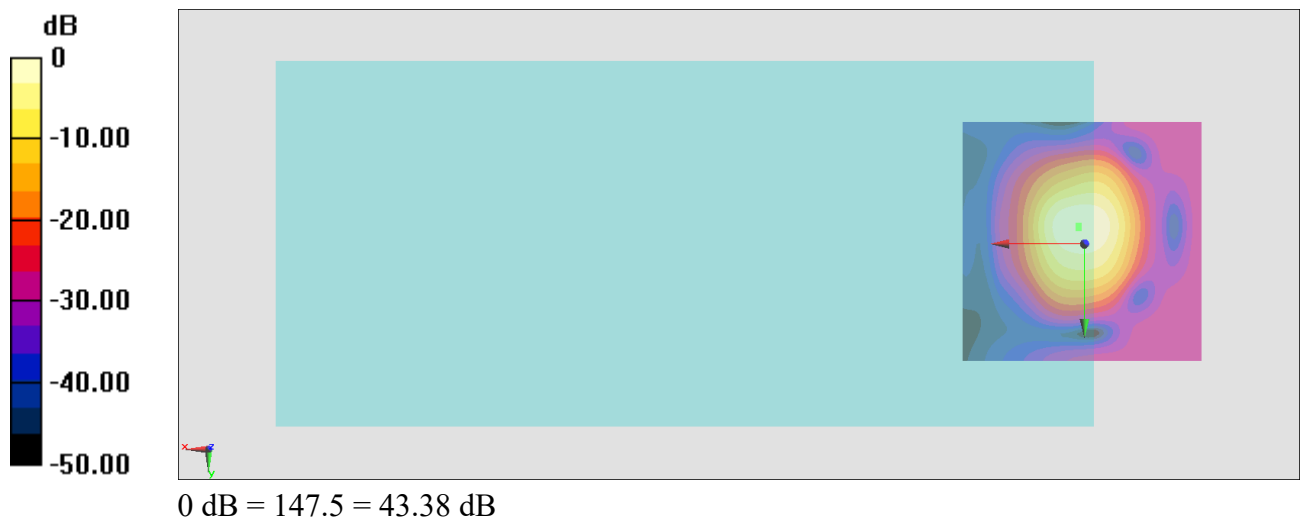
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 43.38 dB

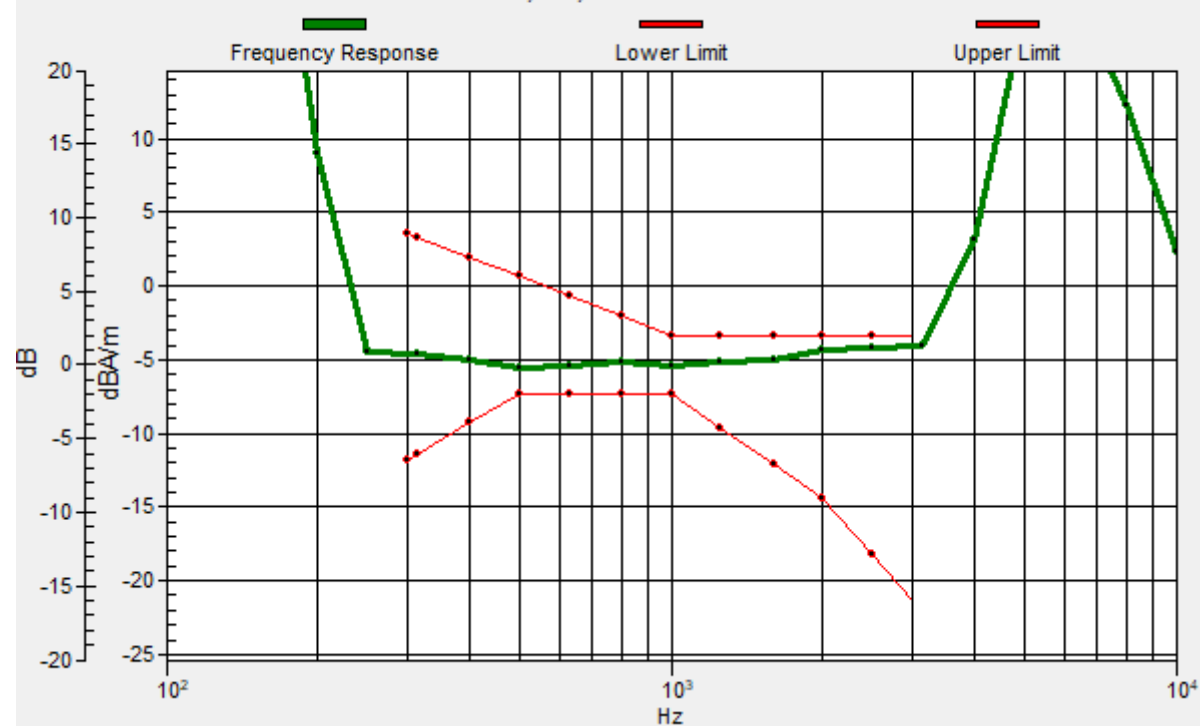
ABM1 comp = -4.70 dBA/m

Location: 1.2, -3.3, 3.7 mm



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

Loc: 1.1, -3.6, 3.7 mm Diff: 0.75dB



#33_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

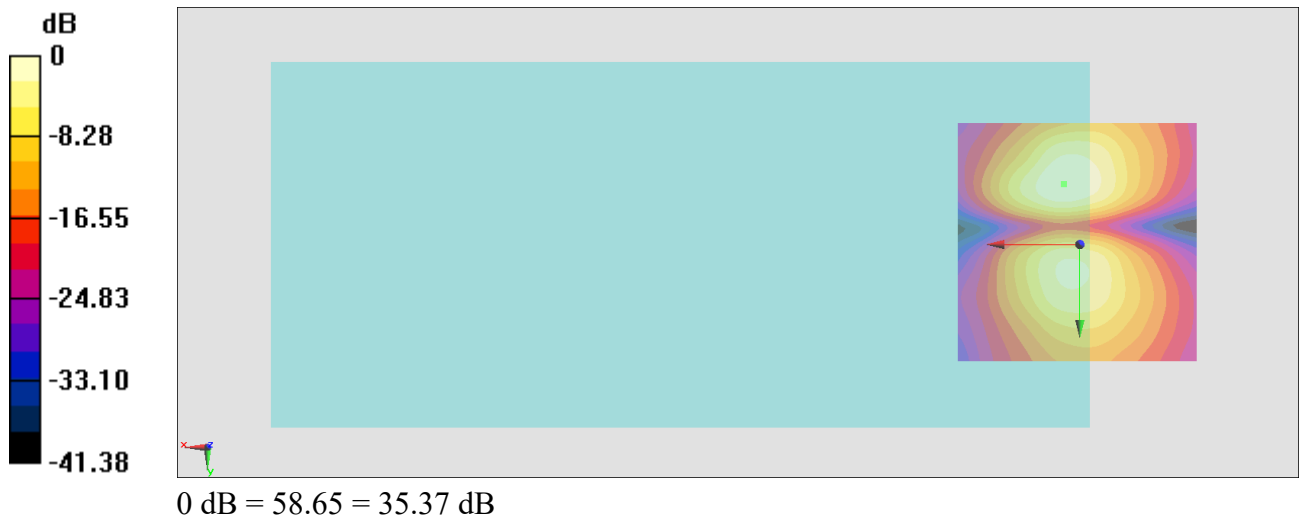
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 35.36 dB

ABM1 comp = -11.12 dBA/m

Location: 3.3, -12.4, 3.7 mm



#34_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

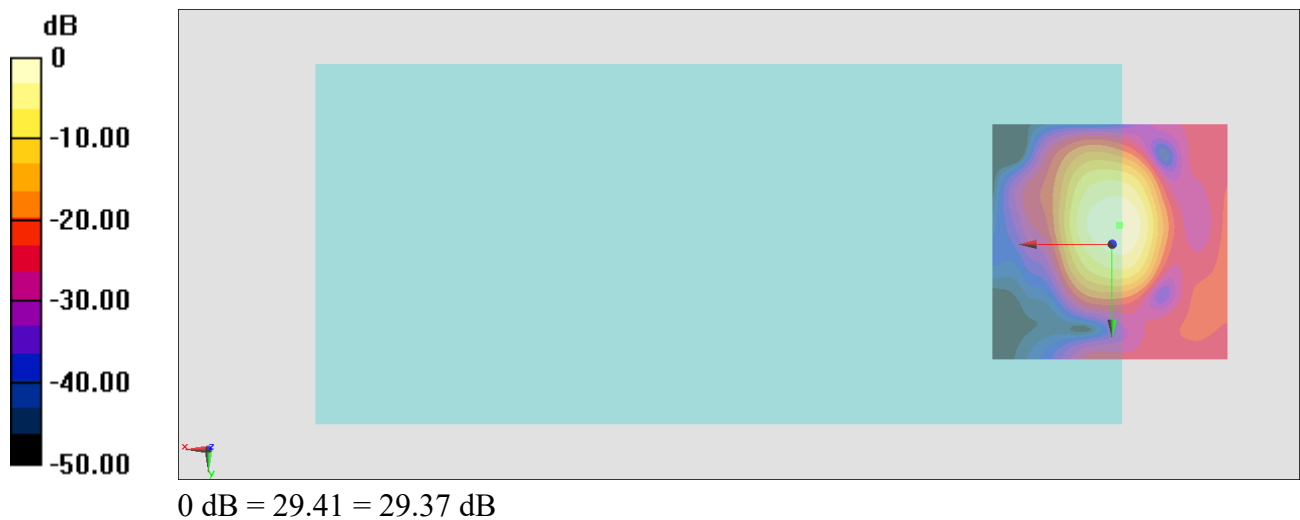
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 29.37 dB

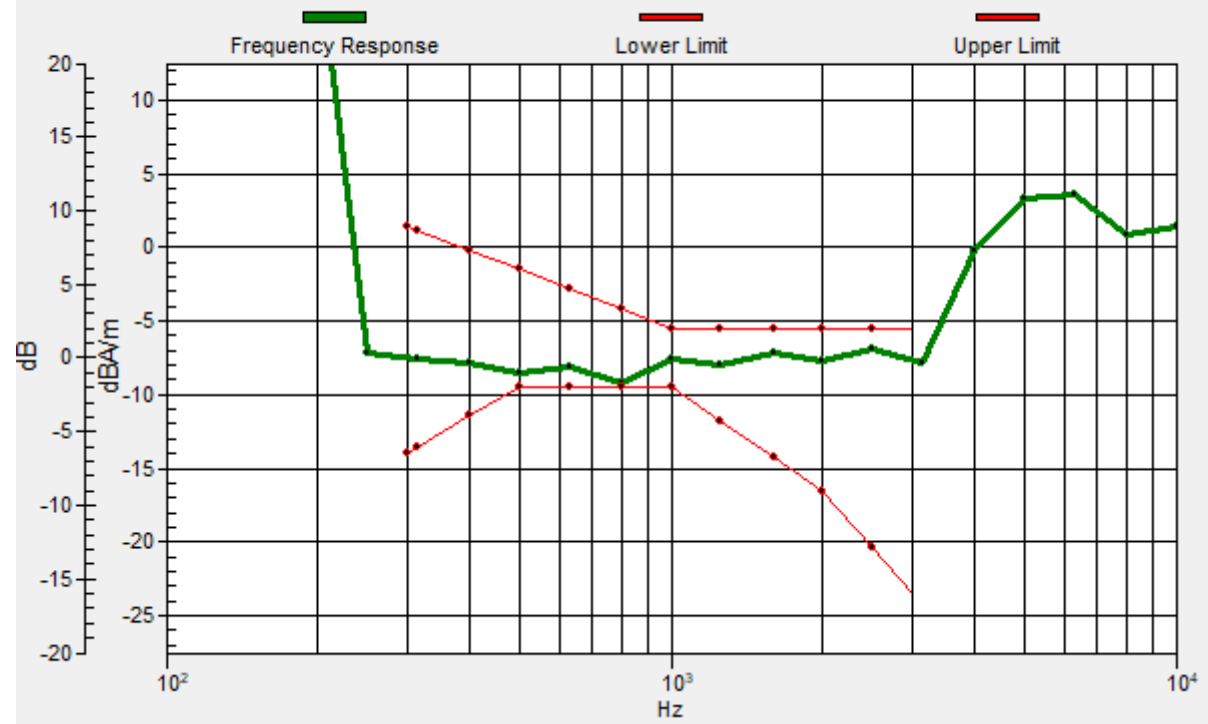
ABM1 comp = -7.90 dBA/m

Location: -1.6, -4, 3.7 mm



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

Loc: -1.5, -3.9, 3.7 mm Diff: 0.27dB



#34_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = 24.04 dB

ABM1 comp = -17.90 dBA/m

Location: -5.1, -18, 3.7 mm



#35_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

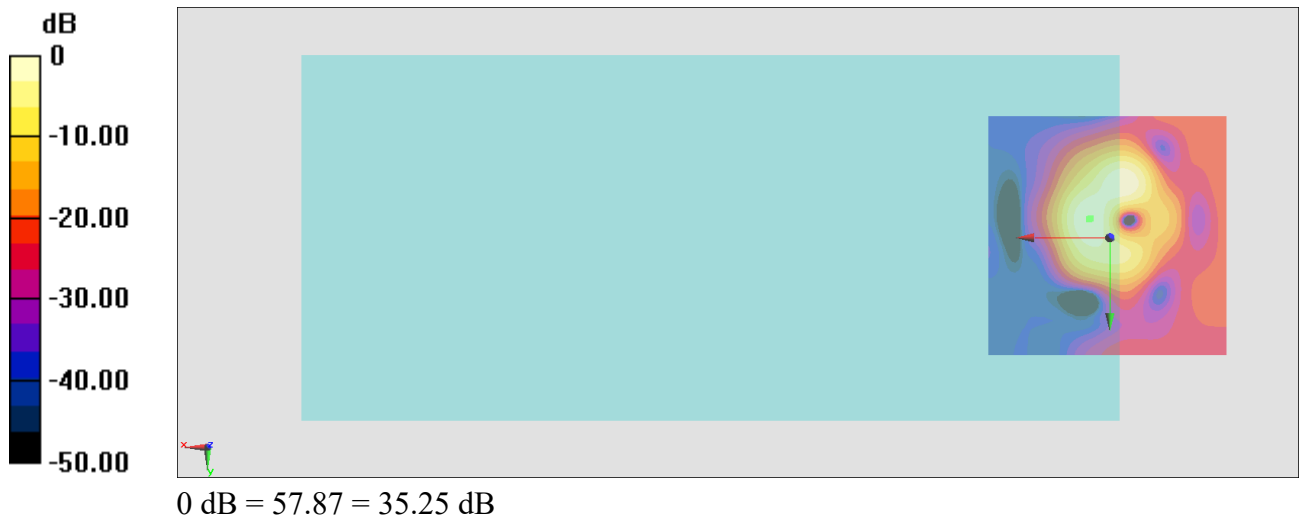
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 35.25 dB

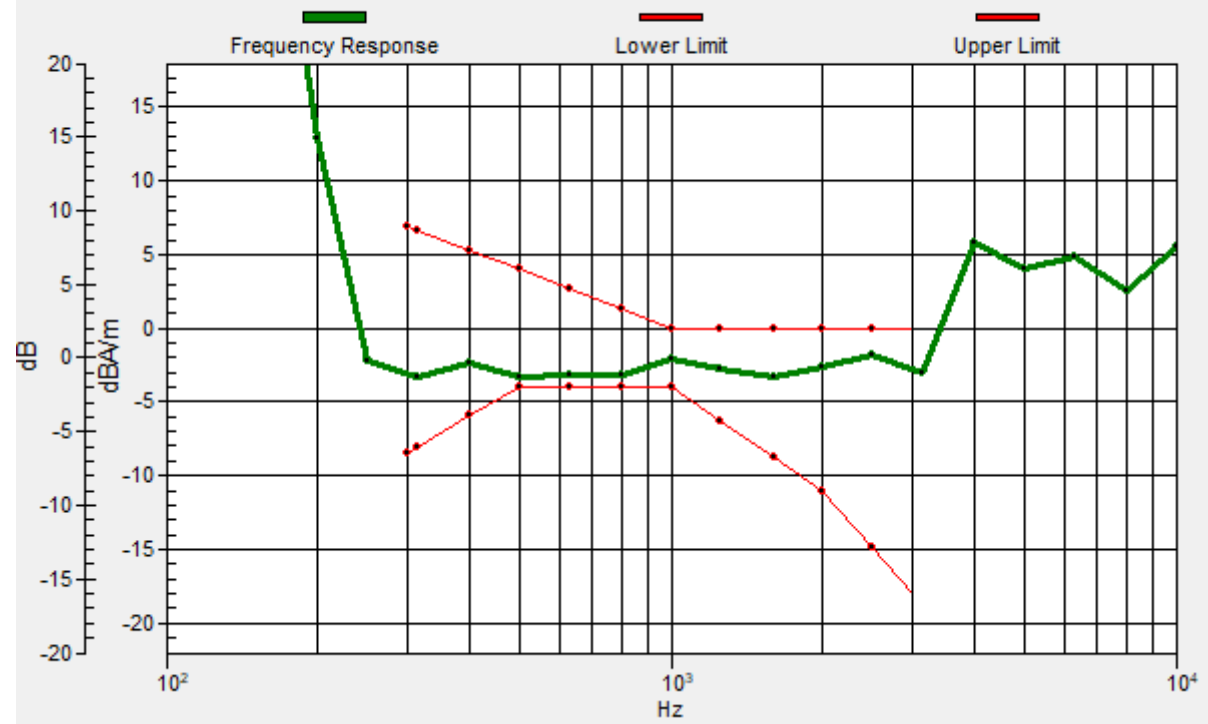
ABM1 comp = -4.40 dBA/m

Location: 4, -4, 3.7 mm



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

Loc: 4.2, -3.8, 3.7 mm Diff: 0.73dB



#35_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

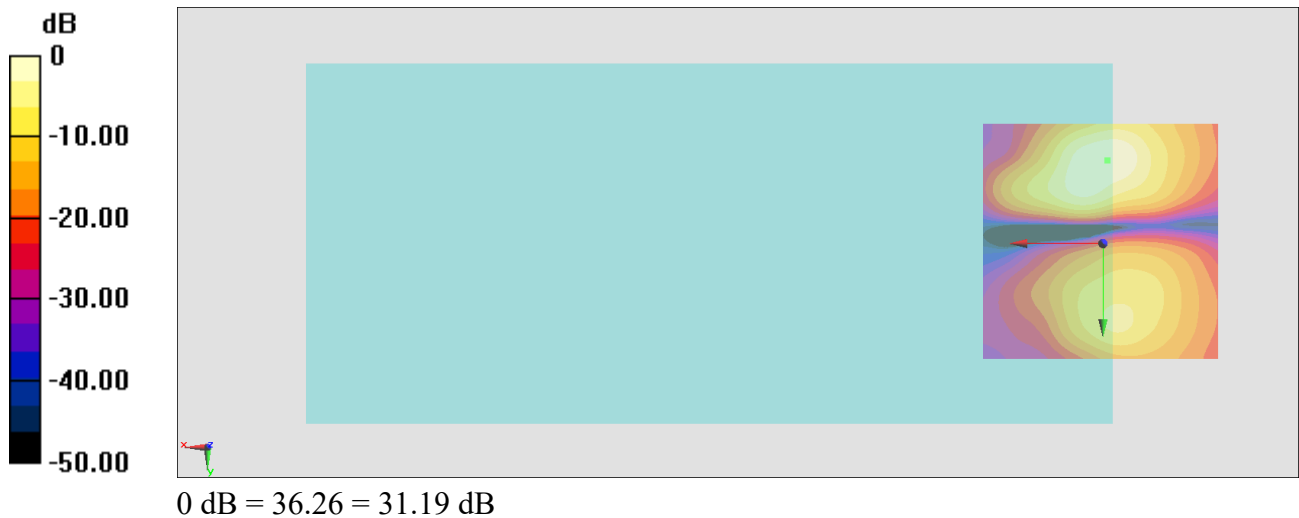
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 31.19 dB

ABM1 comp = -15.18 dBA/m

Location: -0.9, -17.3, 3.7 mm



#36_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = 42.55 dB

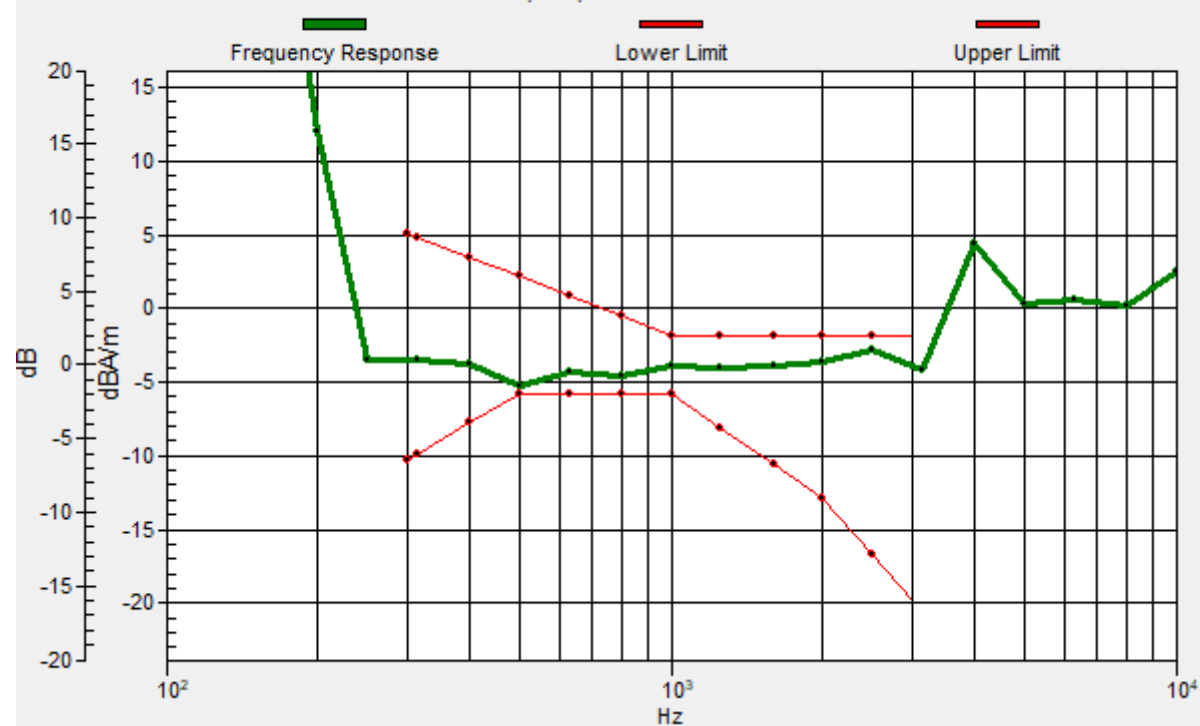
ABM1 comp = -3.70 dBA/m

Location: 1.9, -4, 3.7 mm



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

Loc: 1.8, -3.7, 3.7 mm Diff: 0.64dB



#36_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = -11.20 dBA/m

Location: 4, -12.4, 3.7 mm



#37_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

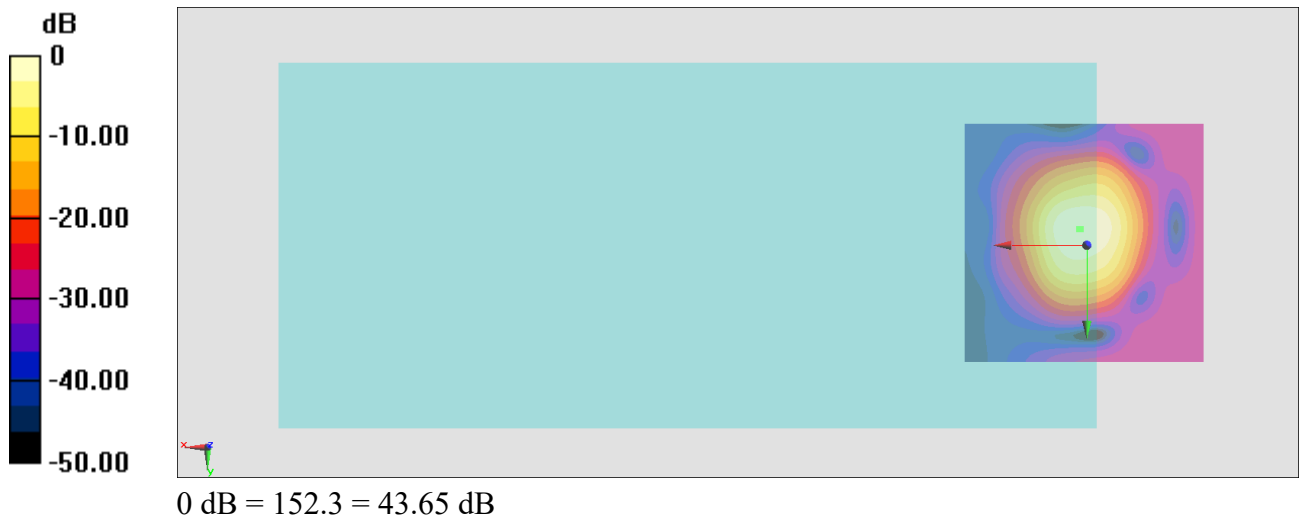
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 43.66 dB

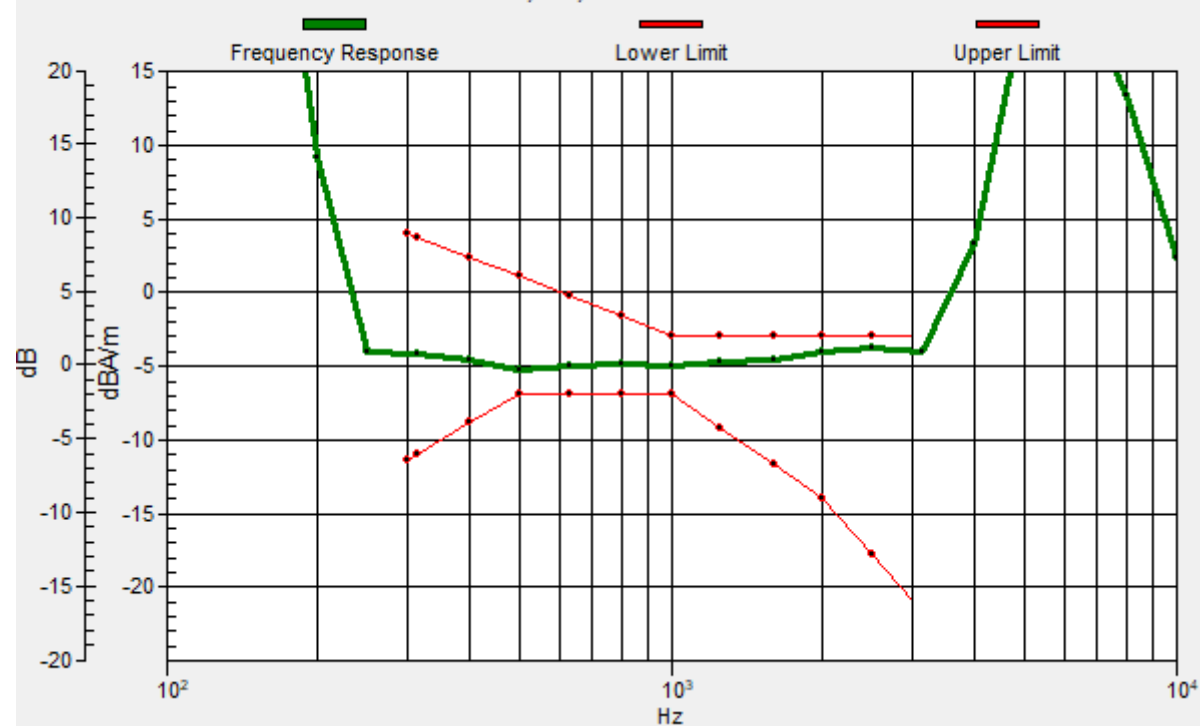
ABM1 comp = -4.80 dBA/m

Location: 1.2, -3.3, 3.7 mm



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

Loc: 1.5, -3.3, 3.7 mm Diff: 0.91dB



#37_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = 35.62 dB

ABM1 comp = -10.76 dBA/m

Location: 3.3, -12.4, 3.7 mm



#38_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = 42.78 dB

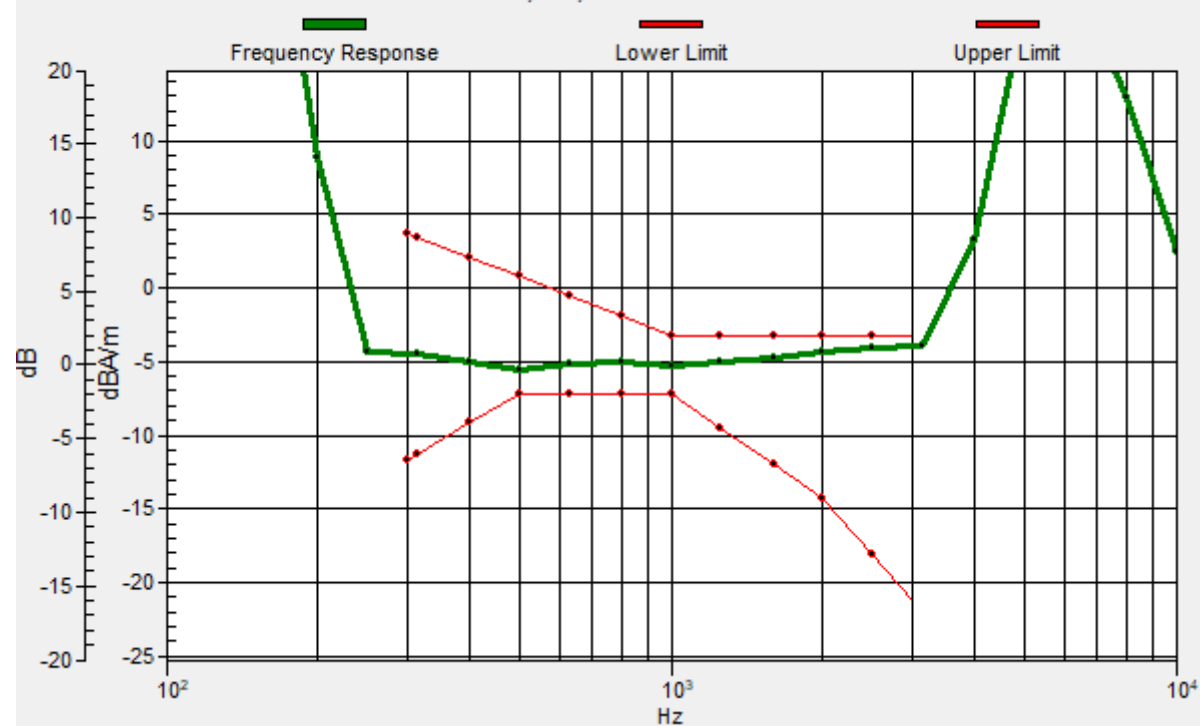
ABM1 comp = -4.77 dBA/m

Location: 1.2, -3.3, 3.7 mm



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

Loc: 1.2, -3.1, 3.7 mm Diff: 0.79dB



#38_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

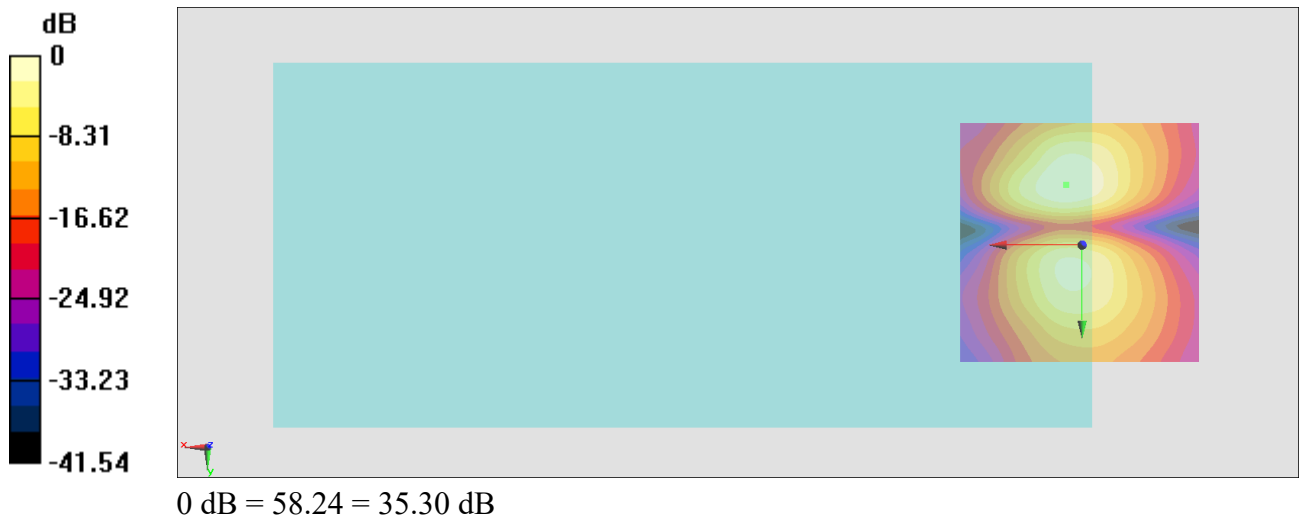
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 35.30 dB

ABM1 comp = -11.09 dBA/m

Location: 3.3, -12.4, 3.7 mm



#39_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

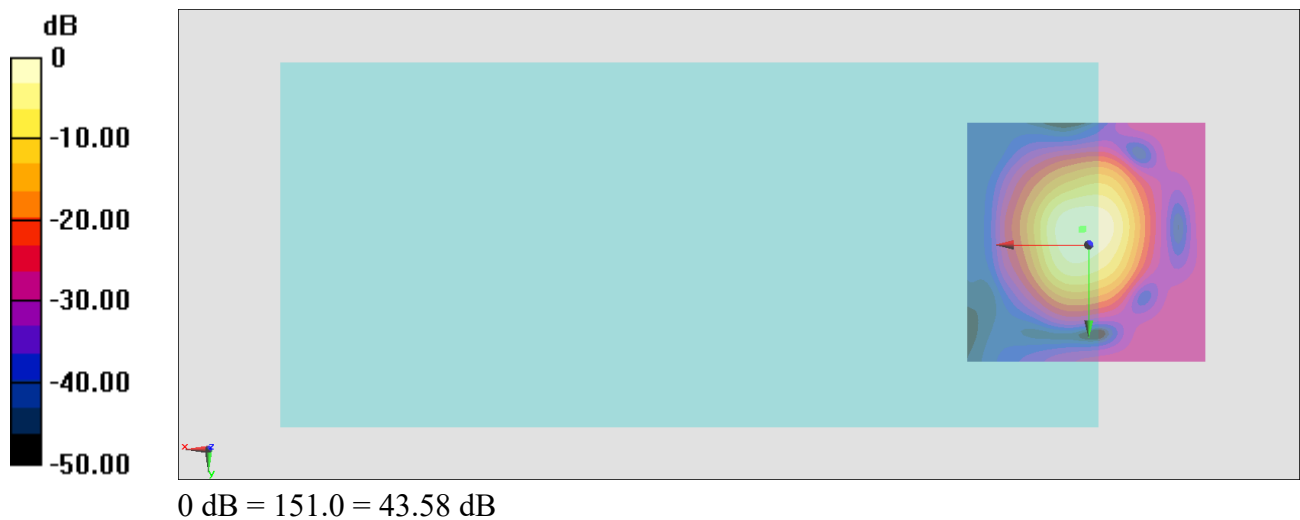
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 43.58 dB

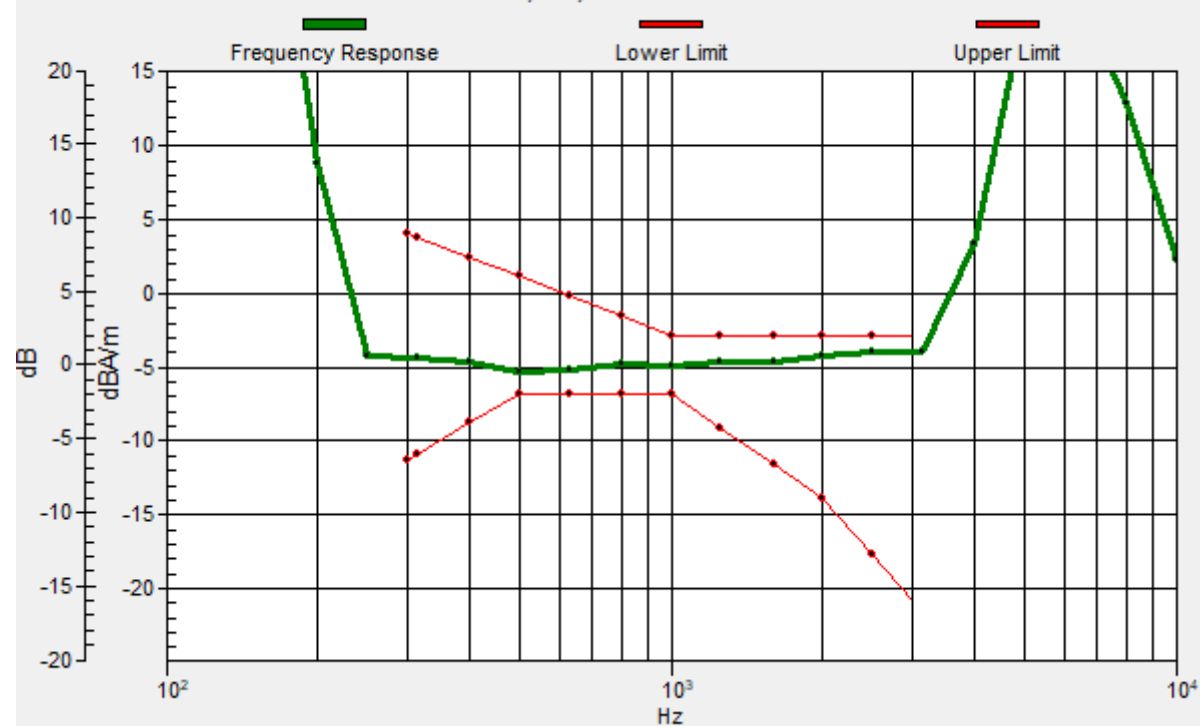
ABM1 comp = -4.86 dBA/m

Location: 1.2, -3.3, 3.7 mm



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

Loc: 1.5, -3.2, 3.7 mm Diff: 1.06dB



#39_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

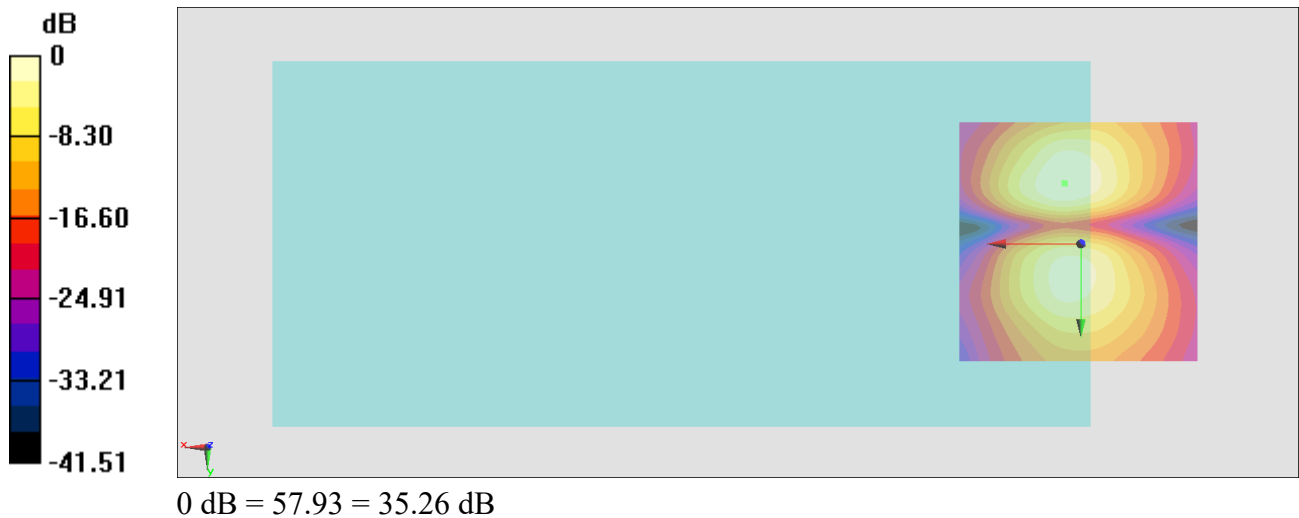
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 35.26 dB

ABM1 comp = -11.03 dBA/m

Location: 3.3, -12.4, 3.7 mm



#40_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

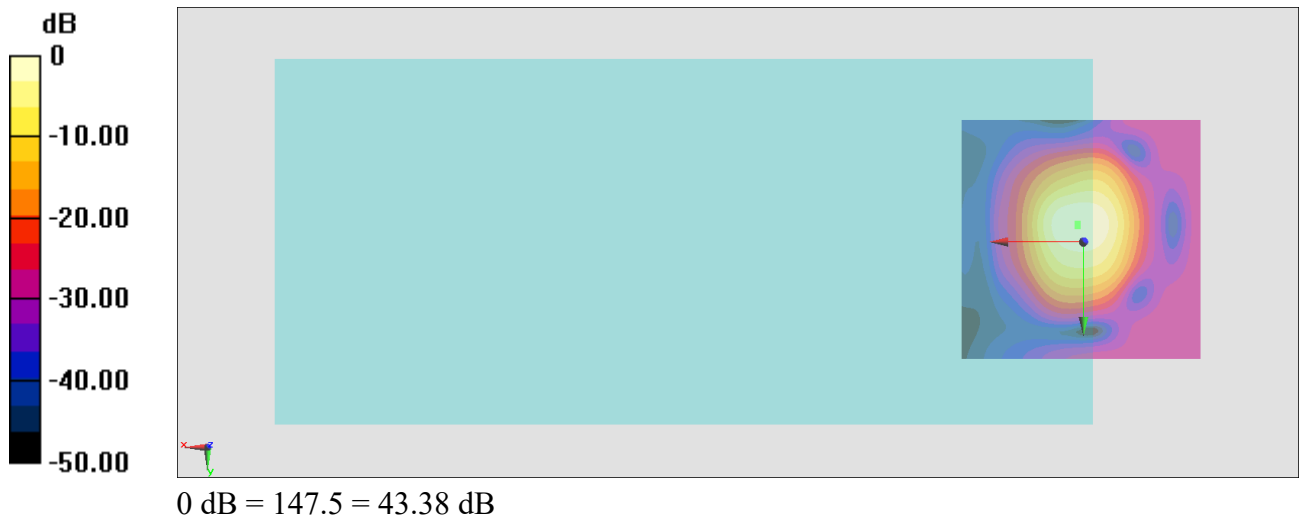
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 43.38 dB

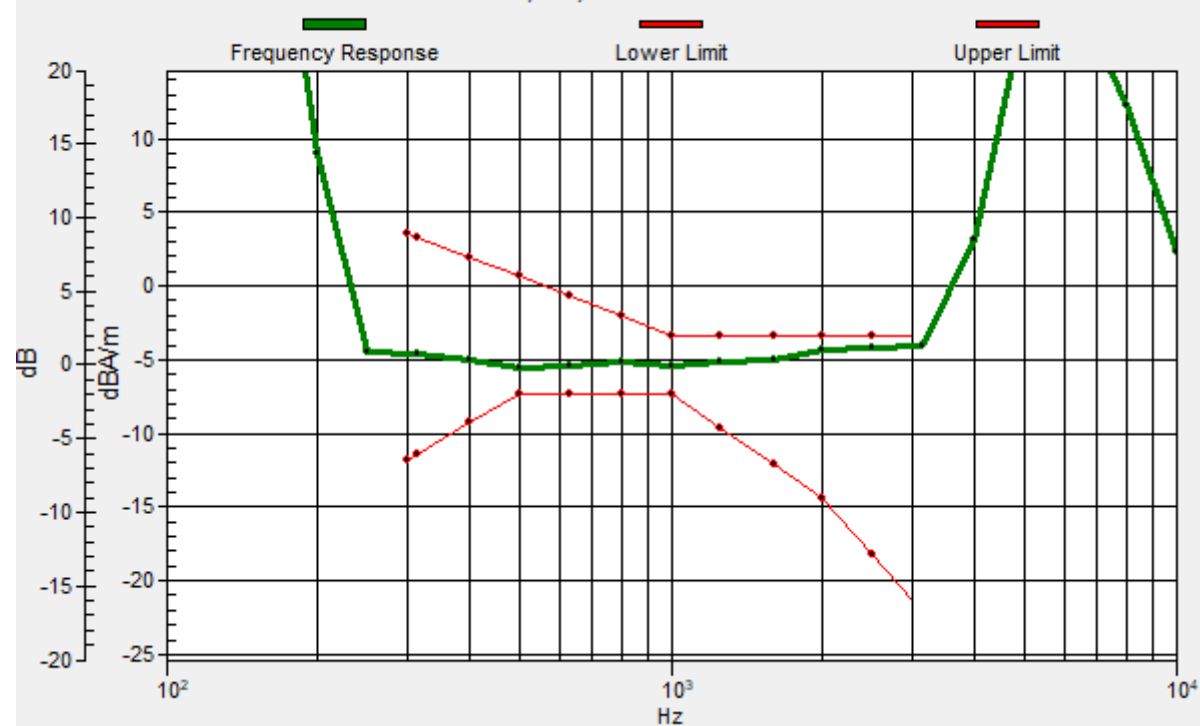
ABM1 comp = -4.70 dBA/m

Location: 1.2, -3.3, 3.7 mm



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

Loc: 1.1, -3.6, 3.7 mm Diff: 0.75dB



#40_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

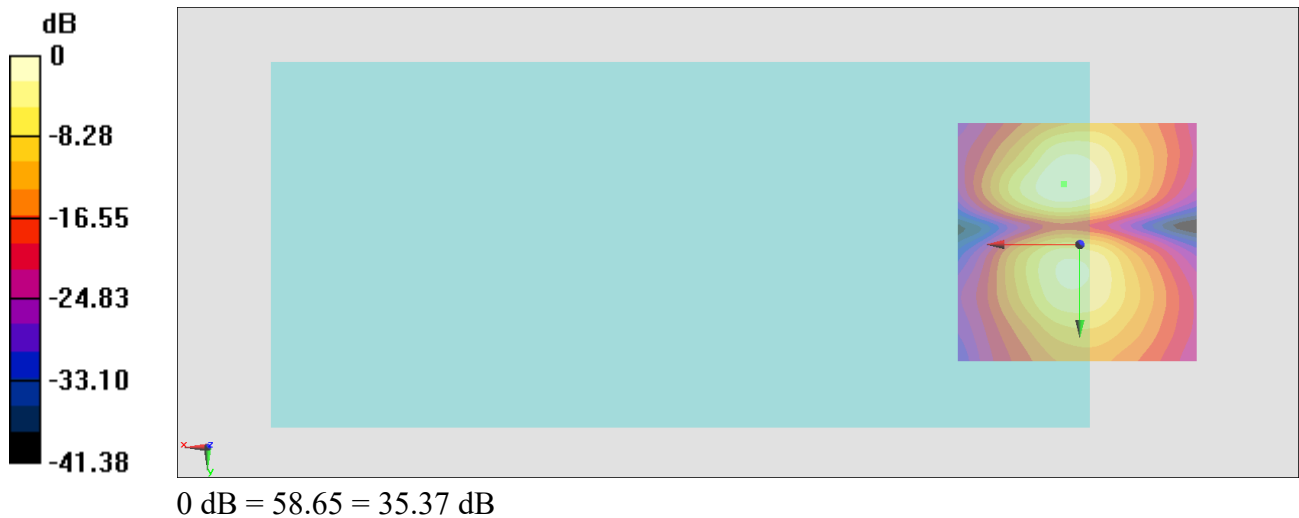
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 35.36 dB

ABM1 comp = -11.12 dBA/m

Location: 3.3, -12.4, 3.7 mm



#41_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

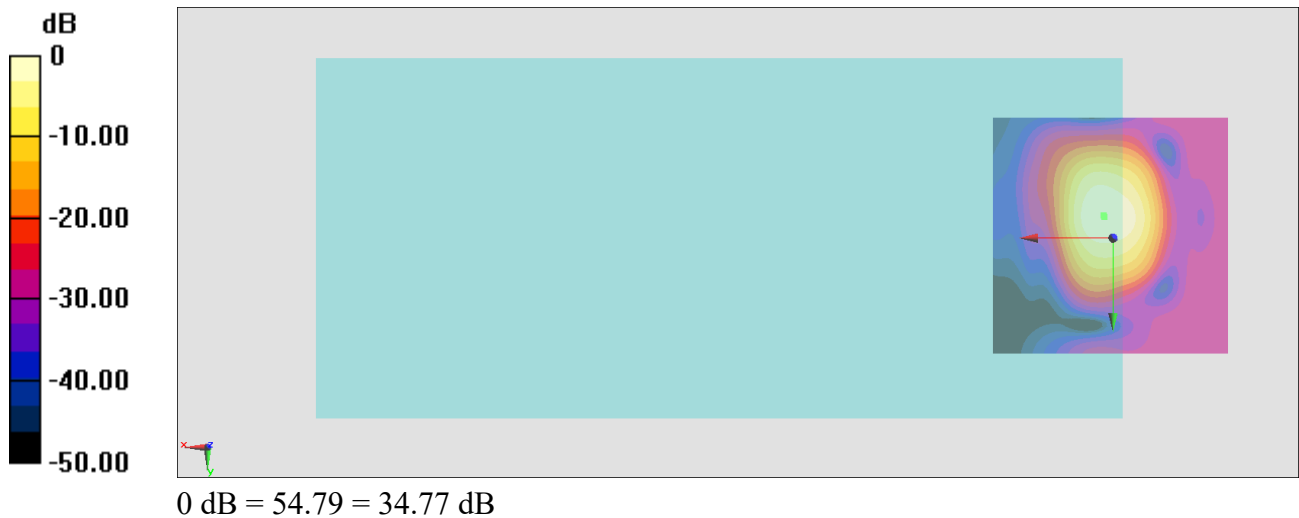
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 34.77 dB

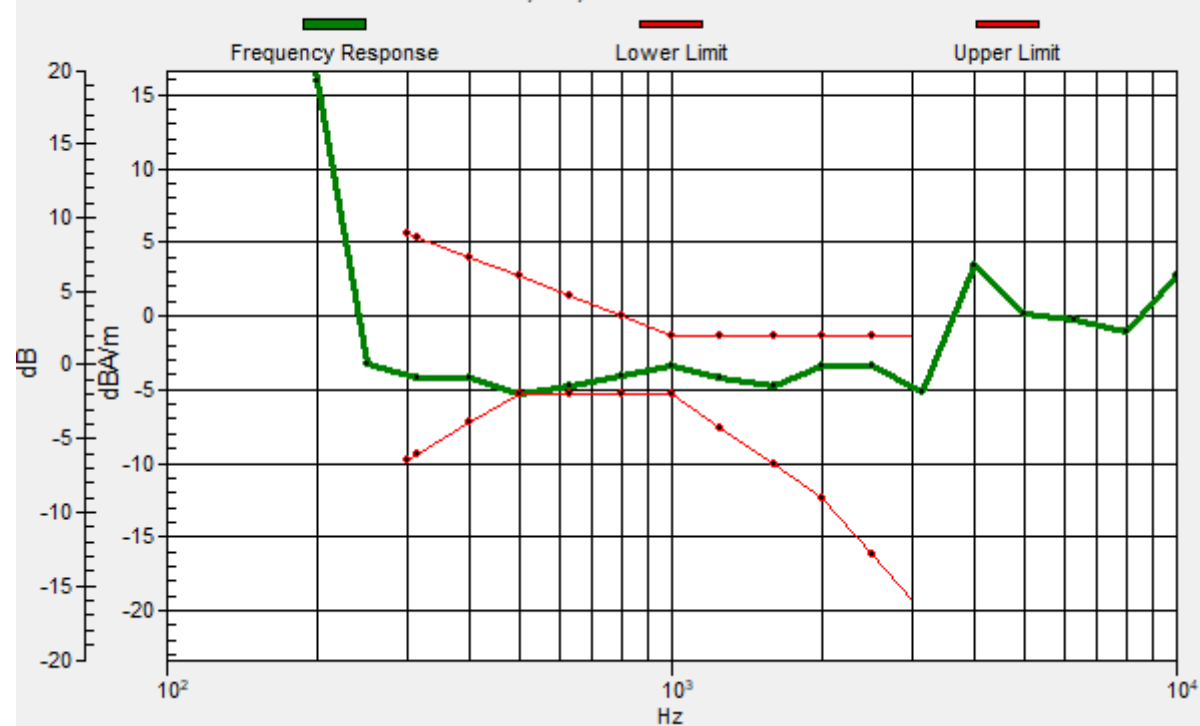
ABM1 comp = -4.14 dBA/m

Location: 1.9, -4.7, 3.7 mm



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

Loc: 1.8, -4.3, 3.7 mm Diff: 0.07dB



#41_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

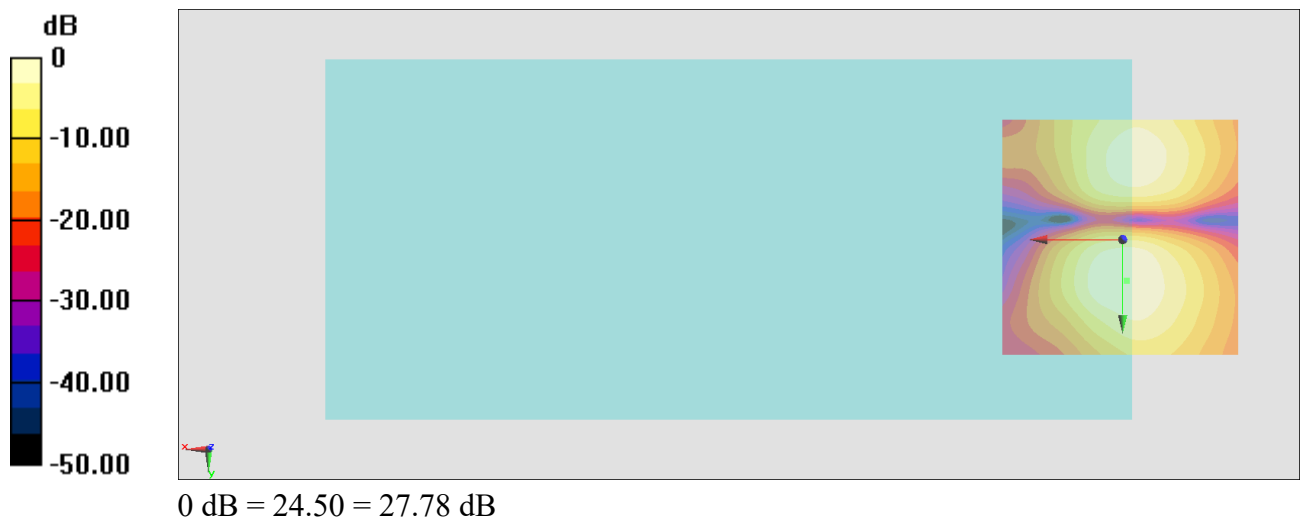
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 27.78 dB

ABM1 comp = -15.20 dBA/m

Location: -0.9, 8.6, 3.7 mm



#42_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

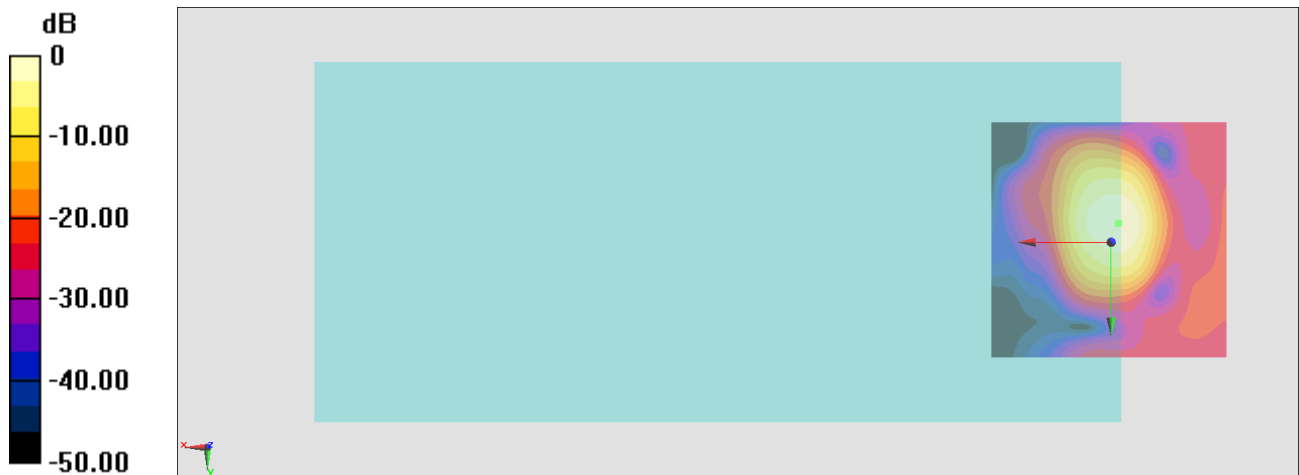
General Scans/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 29.37 dB

ABM1 comp = -7.90 dBA/m

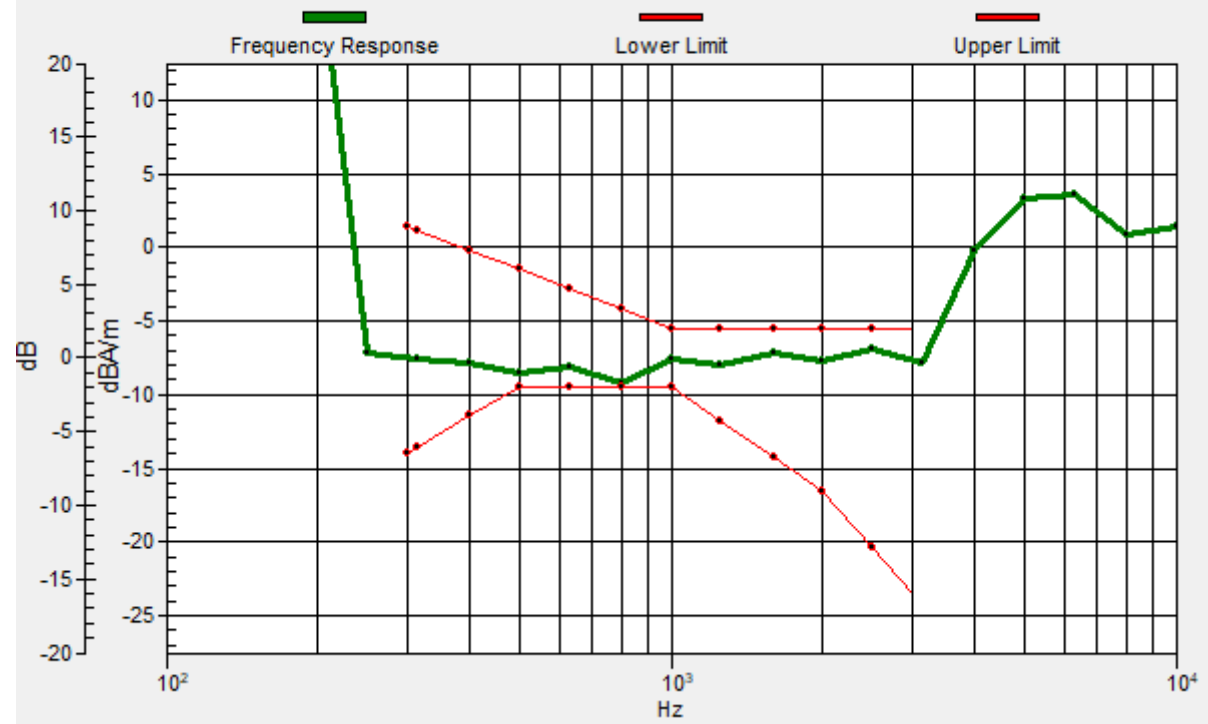
Location: -1.6, -4, 3.7 mm



0 dB = 29.41 = 29.37 dB

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

Loc: -1.5, -3.9, 3.7 mm Diff: 0.27dB



#42_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = 24.04 dB

ABM1 comp = -17.90 dBA/m

Location: -5.1, -18, 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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = 42.48 dB

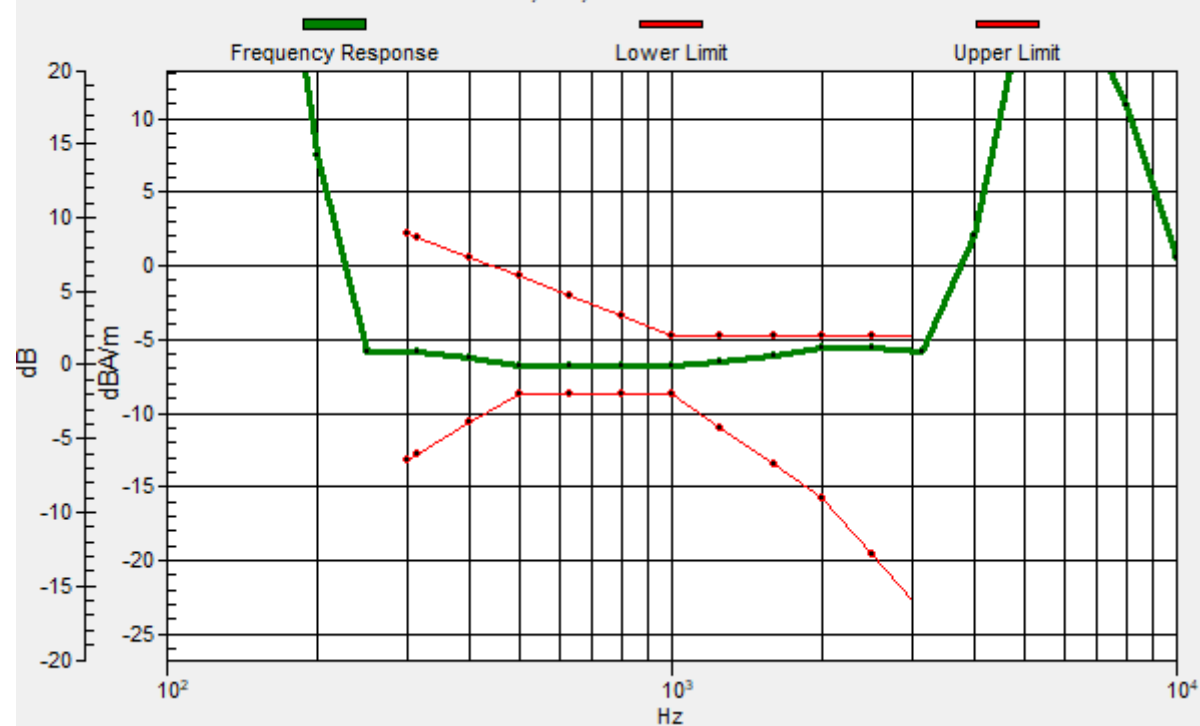
ABM1 comp = -6.21 dBA/m

Location: -0.2, -3.3, 3.7 mm



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

Loc: -0.3, -3.6, 3.7 mm Diff: 0.84dB



#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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

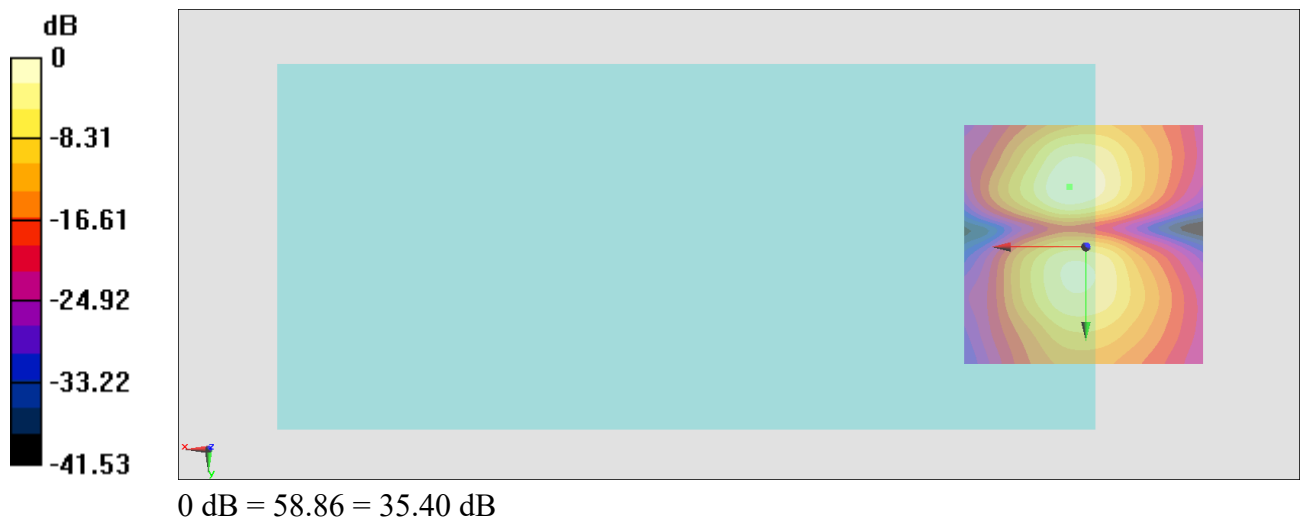
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 35.40 dB

ABM1 comp = -11.08 dBA/m

Location: 3.3, -12.4, 3.7 mm



#44_HAC_T-Coil_LTE Band 71_20M_QPSK_1_0_Ch133322_Axial (Z)

Communication System: LTE; Frequency: 683 MHz

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

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = 39.40 dB

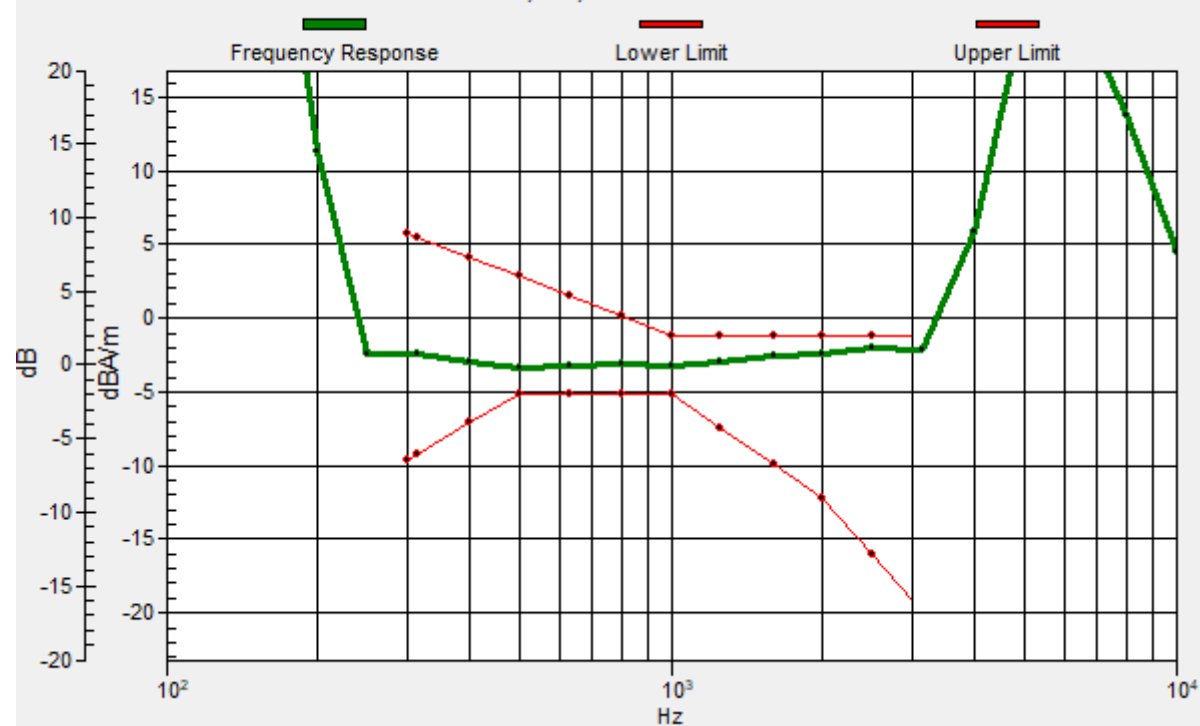
ABM1 comp = -2.80 dBA/m

Location: 4, -4, 3.7 mm



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

Loc: 3.9, -3.9, 3.7 mm Diff: 0.84dB



#44_HAC_T-Coil_LTE Band 71_20M_QPSK_1_0_Ch133322_Transversal (Y)

Communication System: LTE; Frequency: 683 MHz

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

Ambient Temperature : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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)

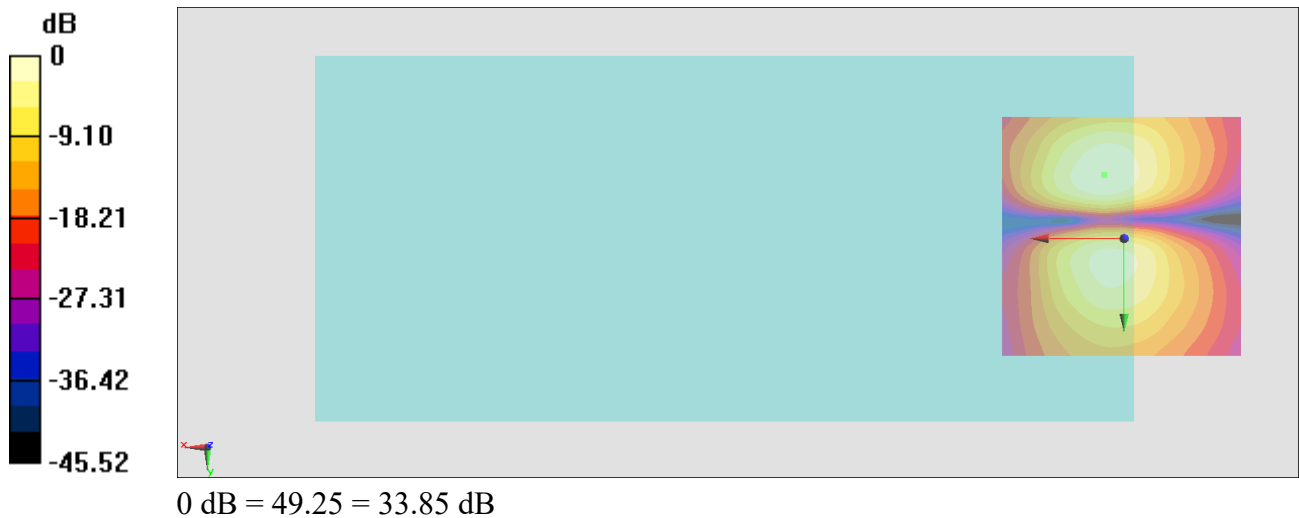
General Scans/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

ABM1/ABM2 = 33.85 dB

ABM1 comp = -11.45 dBA/m

Location: 4, -13.1, 3.7 mm



#45_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = 29.37 dB

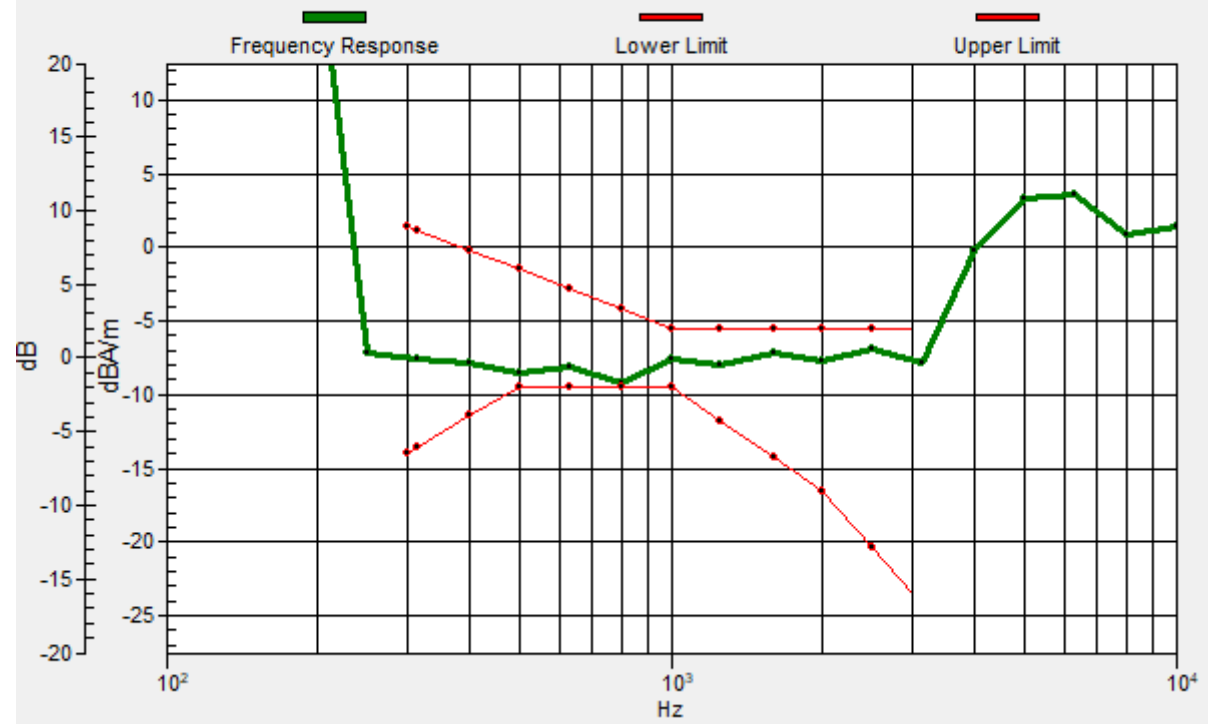
ABM1 comp = -7.90 dBA/m

Location: -1.6, -4, 3.7 mm



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

Loc: -1.5, -3.9, 3.7 mm Diff: 0.27dB



#45_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 : 23.4 °C

DASY5 Configuration

- Probe: AM1DV3 - 3130; ; Calibrated: 2020/11/26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn915; Calibrated: 2020/6/22
- 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 = 24.04 dB

ABM1 comp = -17.90 dBA/m

Location: -5.1, -18, 3.7 mm

