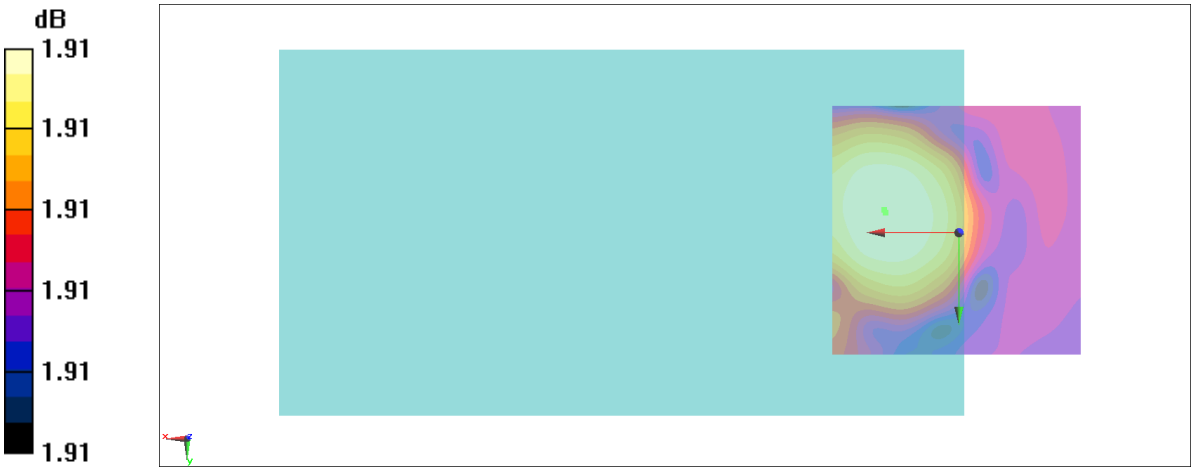
#01_HAC_T-Coil_LTE Band 30_10M_256QAM_1_0_Ch27710_Axial (Z)

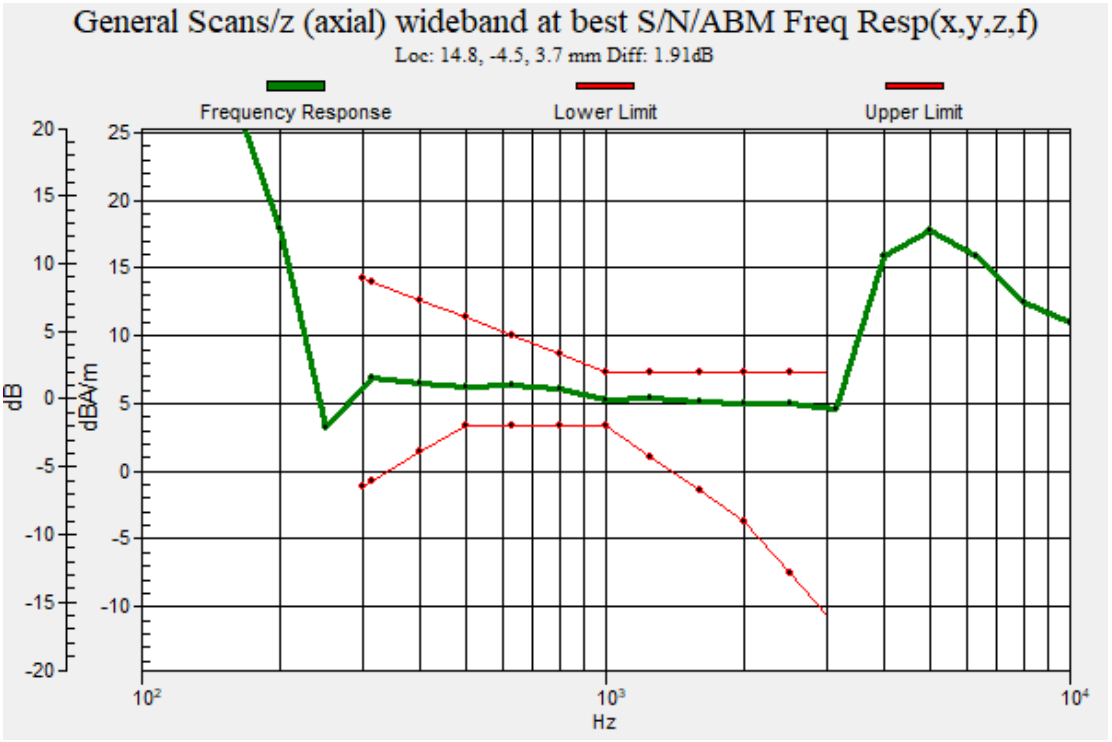
Communication System: LTE; Frequency: 2310 MHz
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn661; Calibrated: 2023/5/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 51.01 dB
ABM1 comp = 11.52 dBA/m
Location: 14.5, -4, 3.7 mm



0 dB = 1.00 dB


General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 14.8, -4.5, 3.7 mm Diff: 1.91dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
Hz
20
15
10
5
0
-5
-10
-15
-20
25
20
15
10
5
0
-5
-10
10^2
10^3
10^4

#01_HAC_T-Coil_LTE Band 30_10M_256QAM_1_0_Ch27710_Transversal (Y)

Communication System: LTE; Frequency: 2310 MHz
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn661; Calibrated: 2023/5/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 50.39 dB
ABM1 comp = 2.70 dBA/m
Location: 13.1, 5.1, 3.7 mm

0 dB = 330.7 = 50.39 dB

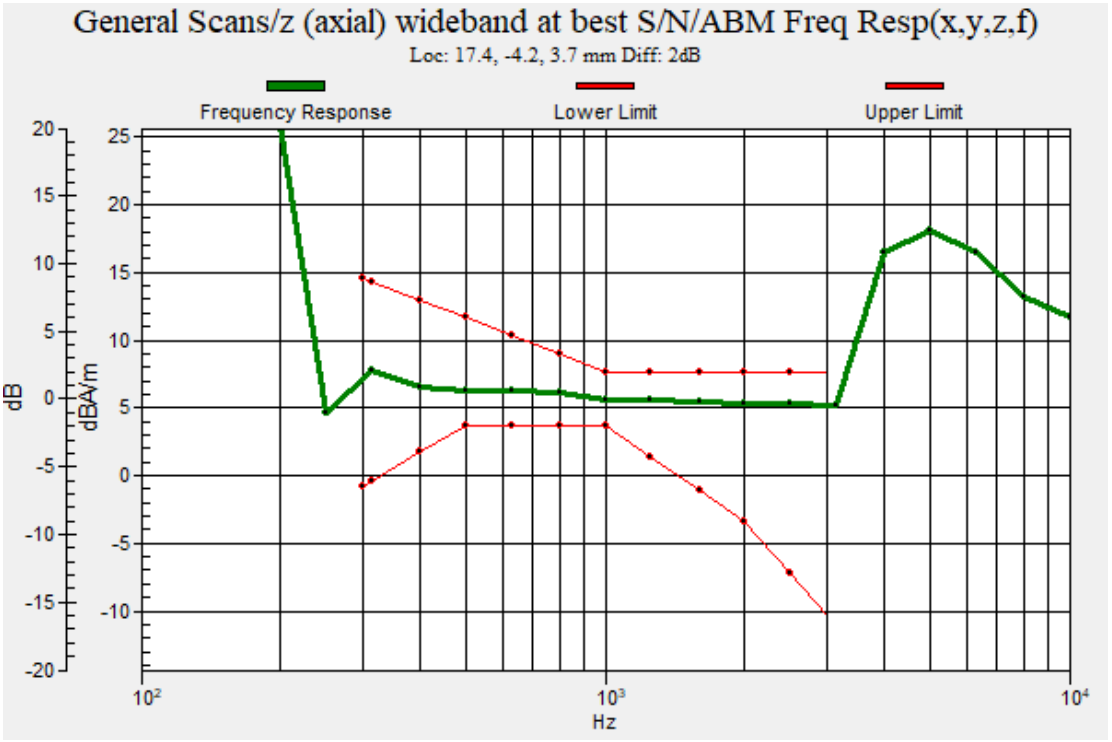
#02_HAC_T-Coil_LTE Band 48_20M_256QAM_1_0_Ch55830_Axial (Z)

Communication System: LTE ; Frequency: 3609 MHz
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn661; Calibrated: 2023/5/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 42.41 dB
ABM1 comp = 12.23 dBA/m
Location: 17.3, -4, 3.7 mm

0 dB = 132.0 = 42.41 dB


General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 17.4, -4.2, 3.7 mm Diff: 2dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
Hz

#02_HAC_T-Coil_LTE Band 48_20M_256QAM_1_0_Ch55830_Transversal (Y)

Communication System: LTE ; Frequency: 3609 MHz
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3104; ; Calibrated: 2023/3/16
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn661; Calibrated: 2023/5/23
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

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 = 38.83 dB
ABM1 comp = 2.37 dBA/m
Location: 9.6, 3.7, 3.7 mm

0 dB = 87.42 = 38.83 dB