

P13 T-Coil_LTE 17_QPSK10M_Ch23790_1RB_OS0_EVS NB 5.9kbps_Freq Resp

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

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

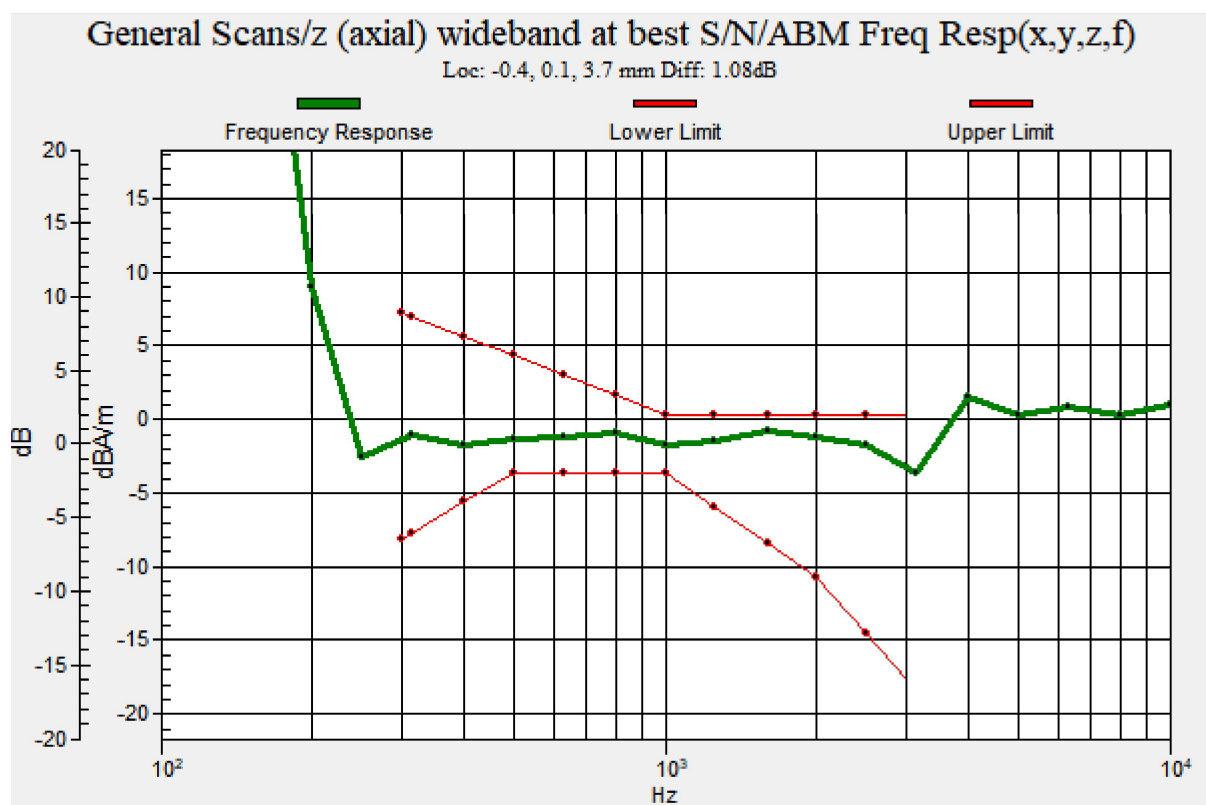
Ambient Temperature : 23.2°C

DASY5 Configuration:

- Probe: AM1DV3 - 3144; ; Calibrated: 9/21/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- 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) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm



P14 T-Coil_LTE 25_QPSK20M_Ch26365_1RB_OS0_EVS NB 5.9kbps_Axial (Z)

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2°C

DASY5 Configuration:

- Probe: AM1DV3 - 3144; ; Calibrated: 9/21/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- 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)

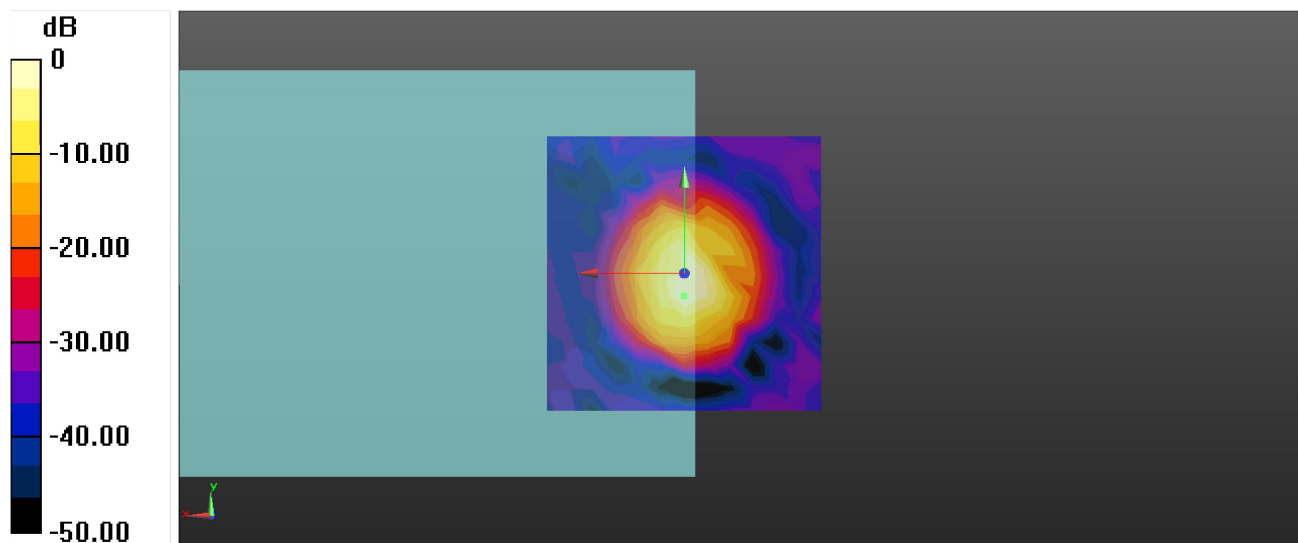
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 50.80 dB

ABM1 comp = 4.79 dBA/m

Location: 0, -4.2, 3.7 mm



0 dB = 346.8 = 50.80 dB

P14 T-Coil_LTE 25_QPSK20M_Ch26365_1RB_OS0_EVS NB 5.9kbps_Radial (Y)

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2°C

DASY5 Configuration:

- Probe: AM1DV3 - 3144; ; Calibrated: 9/21/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- 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)

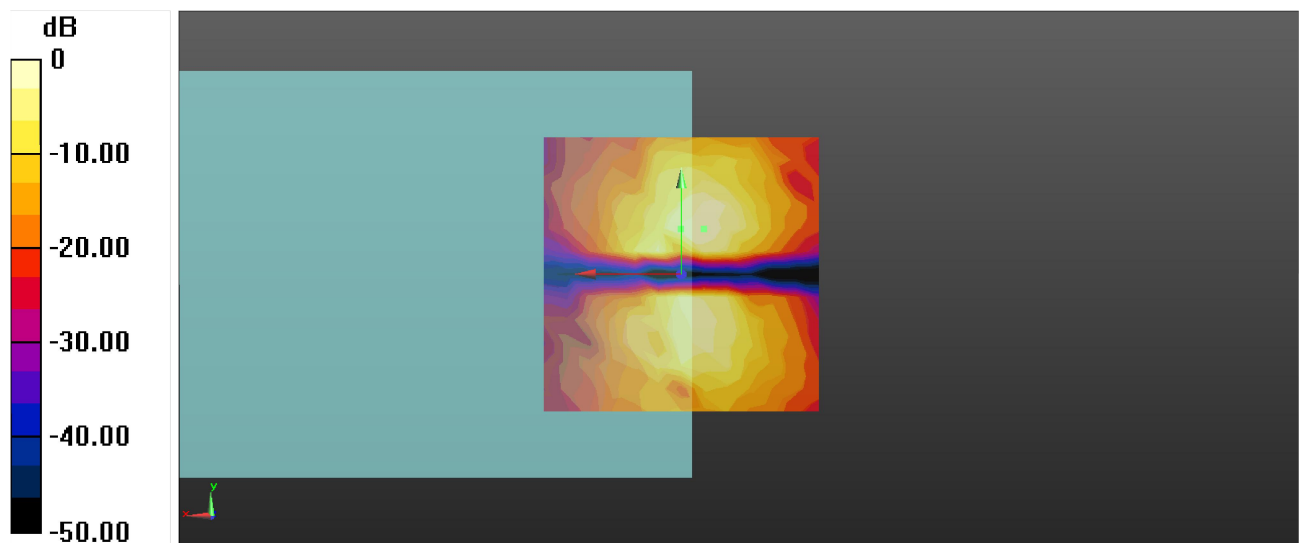
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 45.78 dB

ABM1 comp = -5.81 dBA/m

Location: -4.2, 8.3, 3.7 mm



0 dB = 194.6 = 45.78 dB

P14 T-Coil_LTE 25_QPSK20M_Ch26365_1RB_OS0_EVS NB 5.9kbps_Freq Resp

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

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

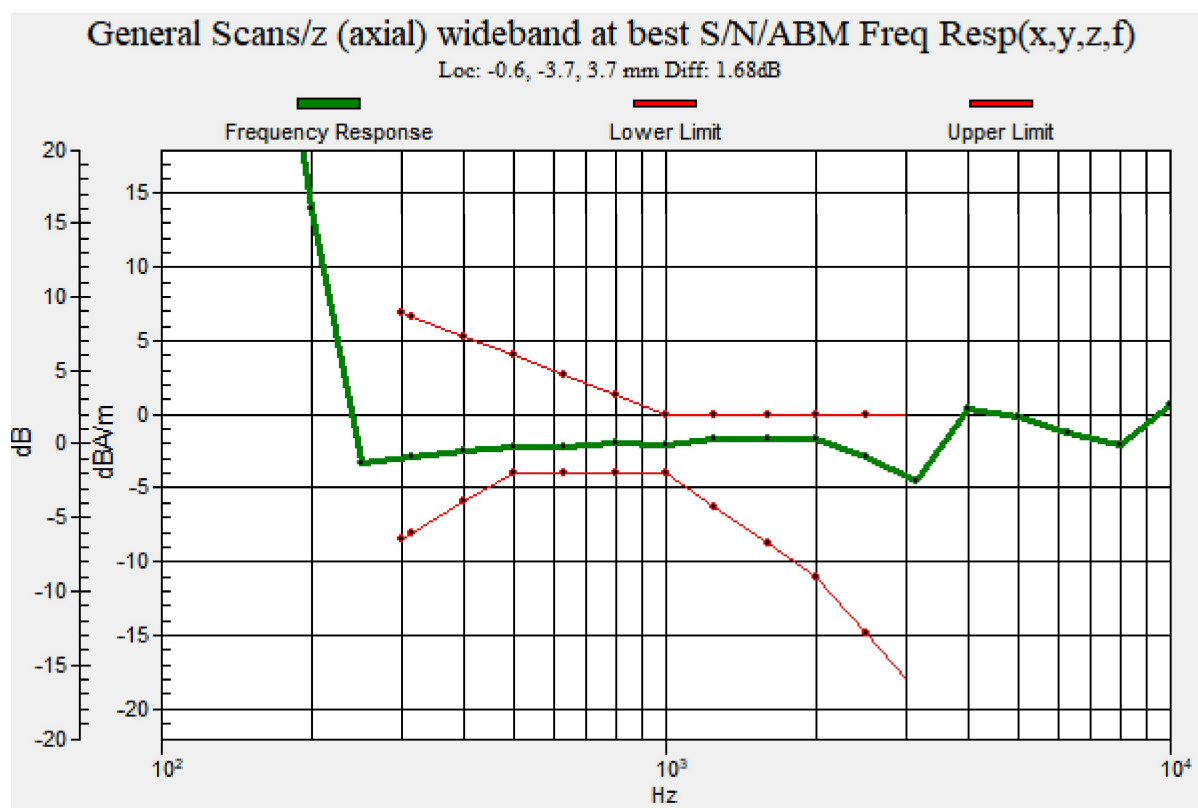
Ambient Temperature : 23.2°C

DASY5 Configuration:

- Probe: AM1DV3 - 3144; ; Calibrated: 9/21/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- 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) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm



P15 T-Coil_LTE 26_QPSK15M_Ch26865_1RB_OS0_EVS NB 5.9kbps_Axial (Z)

Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2°C

DASY5 Configuration:

- Probe: AM1DV3 - 3144; ; Calibrated: 9/21/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- 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)

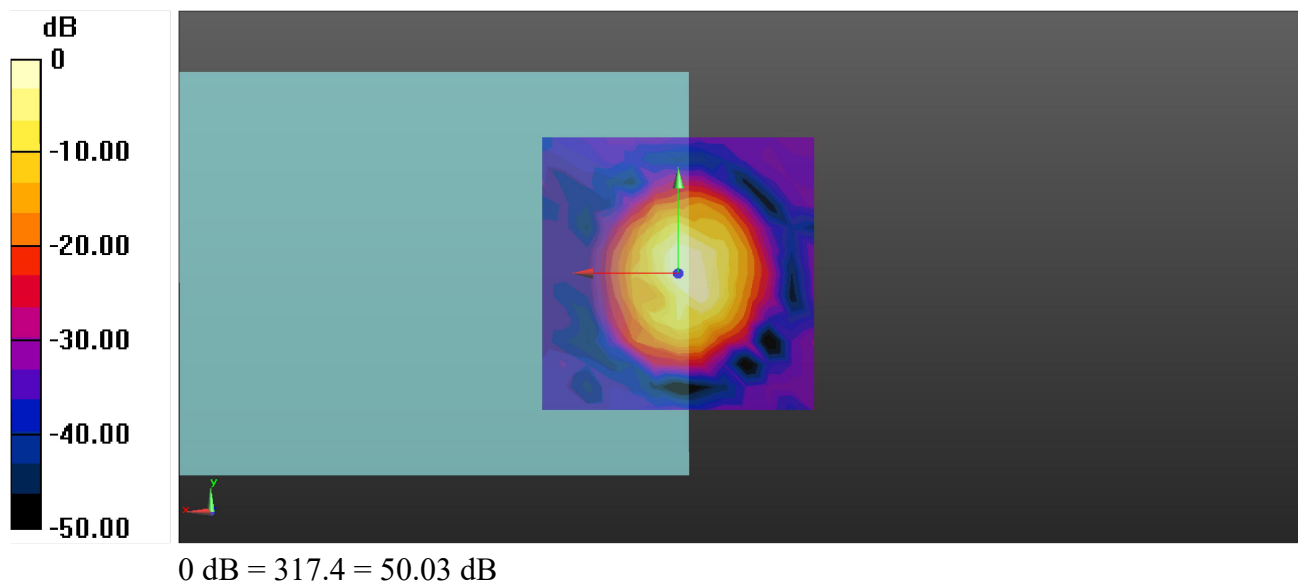
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 50.03 dB

ABM1 comp = 3.48 dBA/m

Location: 0, 0, 3.7 mm



P15 T-Coil_LTE 26_QPSK15M_Ch26865_1RB_OS0_EVS NB 5.9kbps_Radial (Y)

Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2°C

DASY5 Configuration:

- Probe: AM1DV3 - 3144; ; Calibrated: 9/21/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- 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)

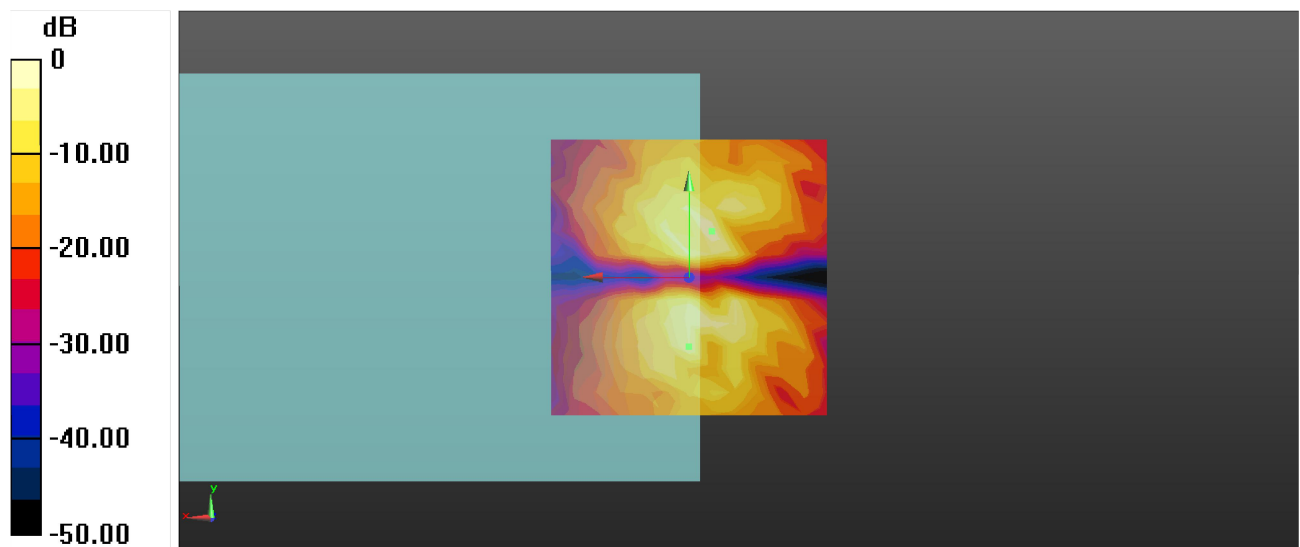
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 45.32 dB

ABM1 comp = -6.03 dBA/m

Location: -4.2, 8.3, 3.7 mm



0 dB = 184.4 = 45.32 dB

P15 T-Coil_LTE 26_QPSK15M_Ch26865_1RB_OS0_EVS NB 5.9kbps_Freq Resp

Communication System: LTE ; Frequency: 831.5 MHz;Duty Cycle: 1:1

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

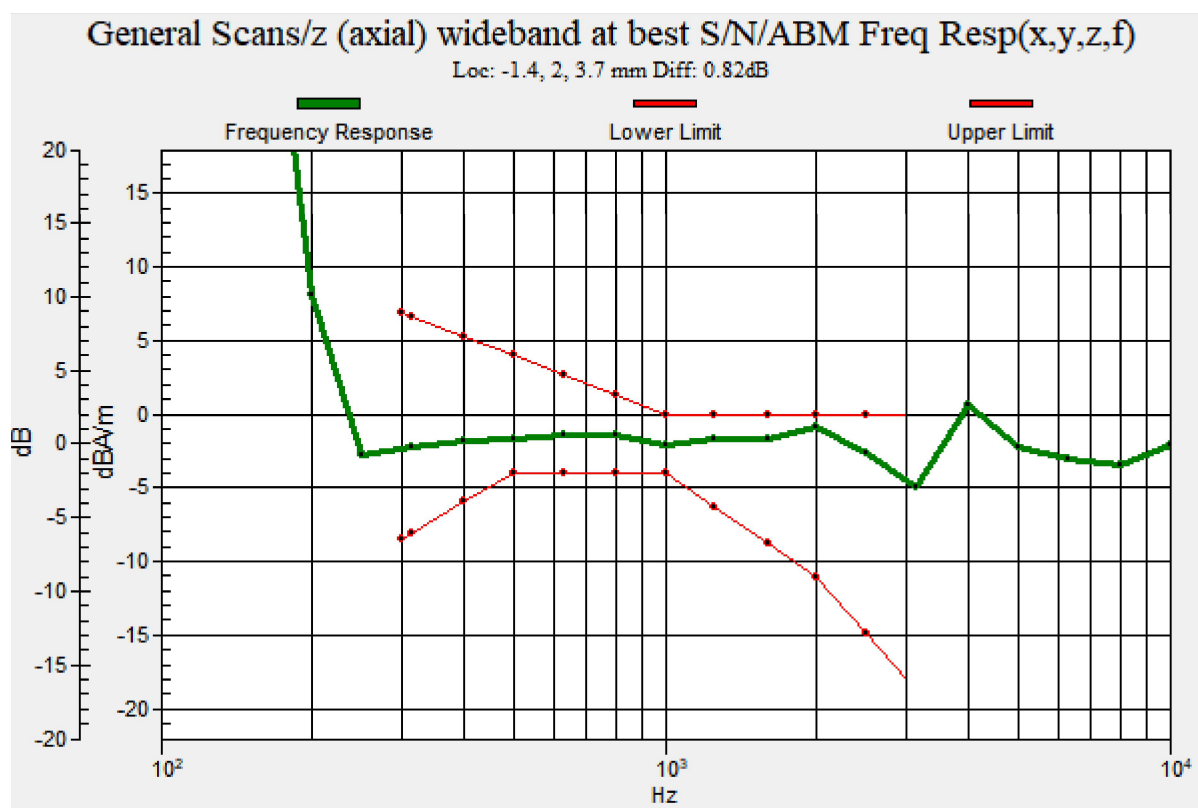
Ambient Temperature : 23.2°C

DASY5 Configuration:

- Probe: AM1DV3 - 3144; ; Calibrated: 9/21/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- 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)

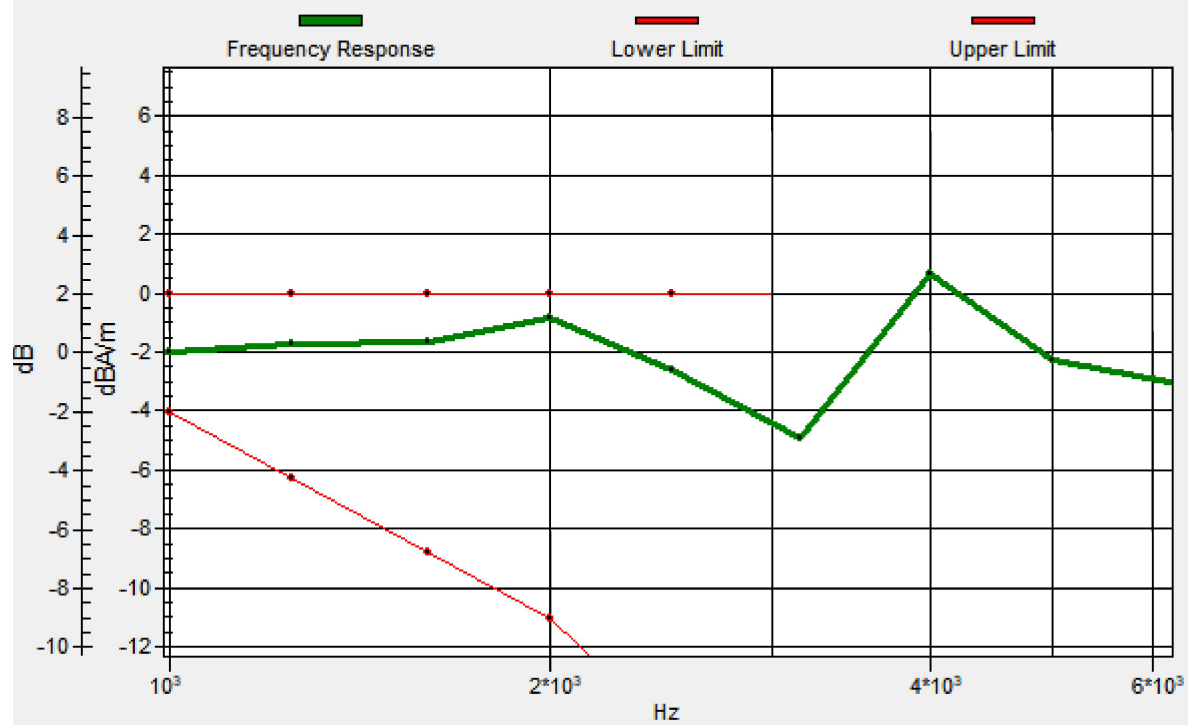
General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm



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

Loc: -1.4, 2, 3.7 mm Diff: 0.82dB



P16 T-Coil_LTE 30_QPSK10M_Ch27710_1RB_OS0_EVS NB 5.9kbps_Axial (Z)

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2°C

DASY5 Configuration:

- Probe: AM1DV3 - 3144; ; Calibrated: 9/21/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- 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)

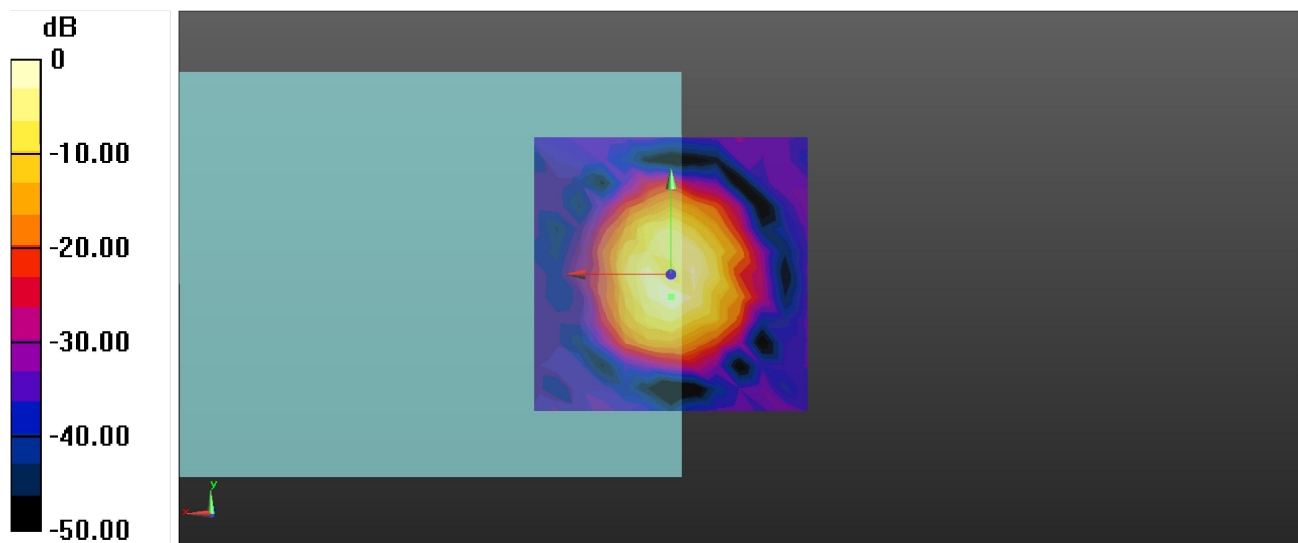
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 49.47 dB

ABM1 comp = 2.64 dBA/m

Location: 0, -4.2, 3.7 mm



P16 T-Coil_LTE 30_QPSK10M_Ch27710_1RB_OS0_EVS NB 5.9kbps_Radial (Y)

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1

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

Ambient Temperature : 23.2°C

DASY5 Configuration:

- Probe: AM1DV3 - 3144; ; Calibrated: 9/21/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- 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)

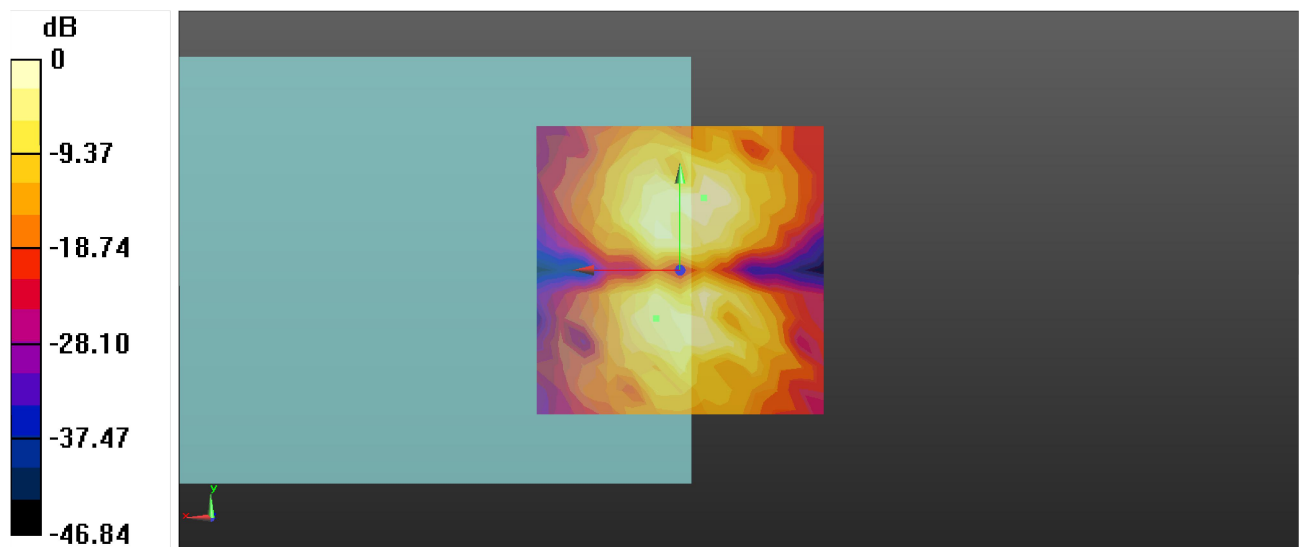
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 42.31 dB

ABM1 comp = -8.19 dBA/m

Location: -4.2, 12.5, 3.7 mm



0 dB = 130.4 = 42.31 dB

P16 T-Coil_LTE 30_QPSK10M_Ch27710_1RB_OS0_EVS NB 5.9kbps_Freq Resp

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1

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

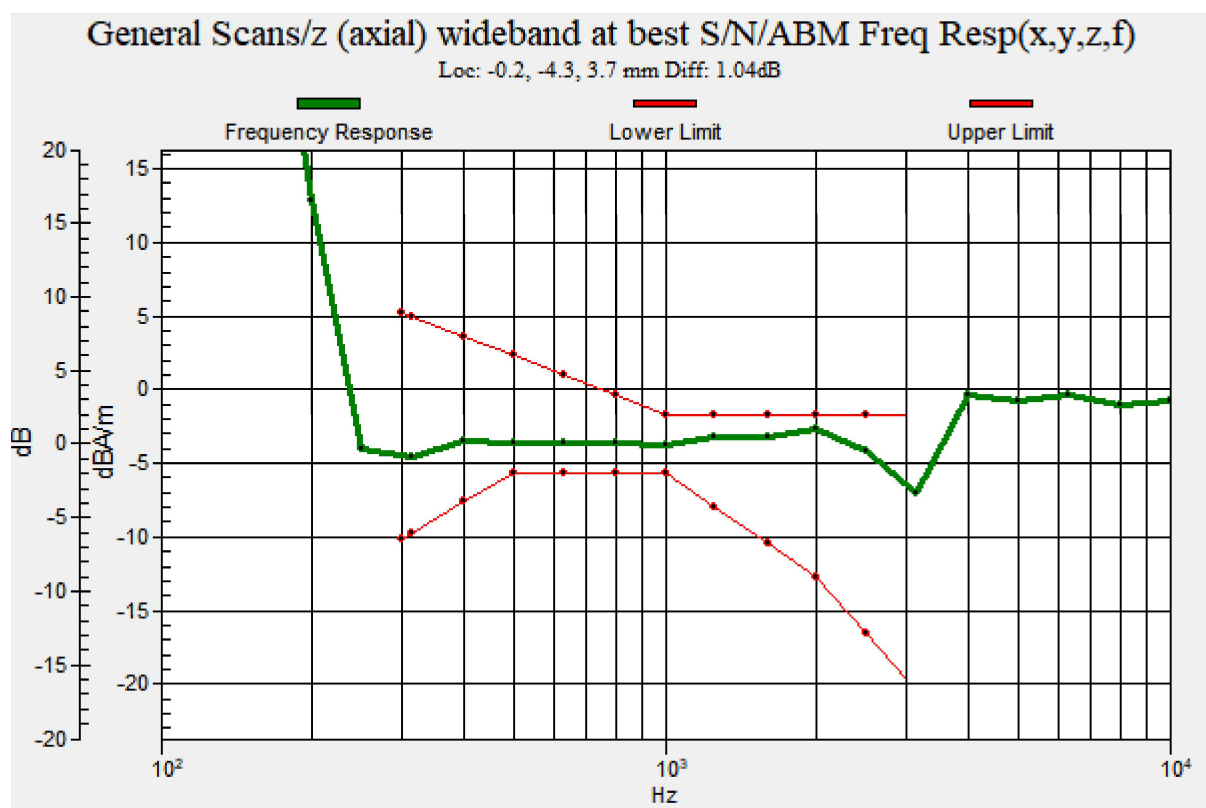
Ambient Temperature : 23.2°C

DASY5 Configuration:

- Probe: AM1DV3 - 3144; ; Calibrated: 9/21/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- 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)

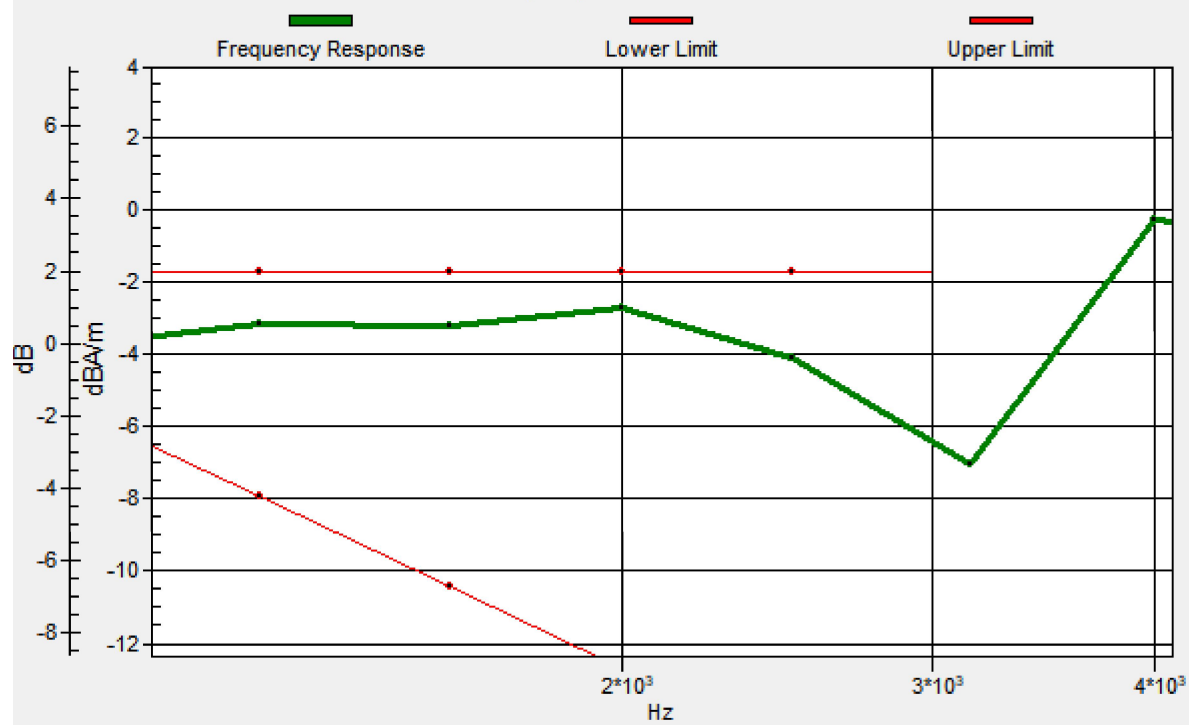
General Scans/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm



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

Loc: -0.2, -4.3, 3.7 mm Diff: 1.04dB



P17 T-Coil_LTE 38_QPSK20M_Ch38000_1RB_OS0_EVS NB 5.9kbps_Axial (Z)

Communication System: LTE; Frequency: 2595 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.2°C

DASY5 Configuration:

- Probe: AM1DV3 - 3144; ; Calibrated: 9/21/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- 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)

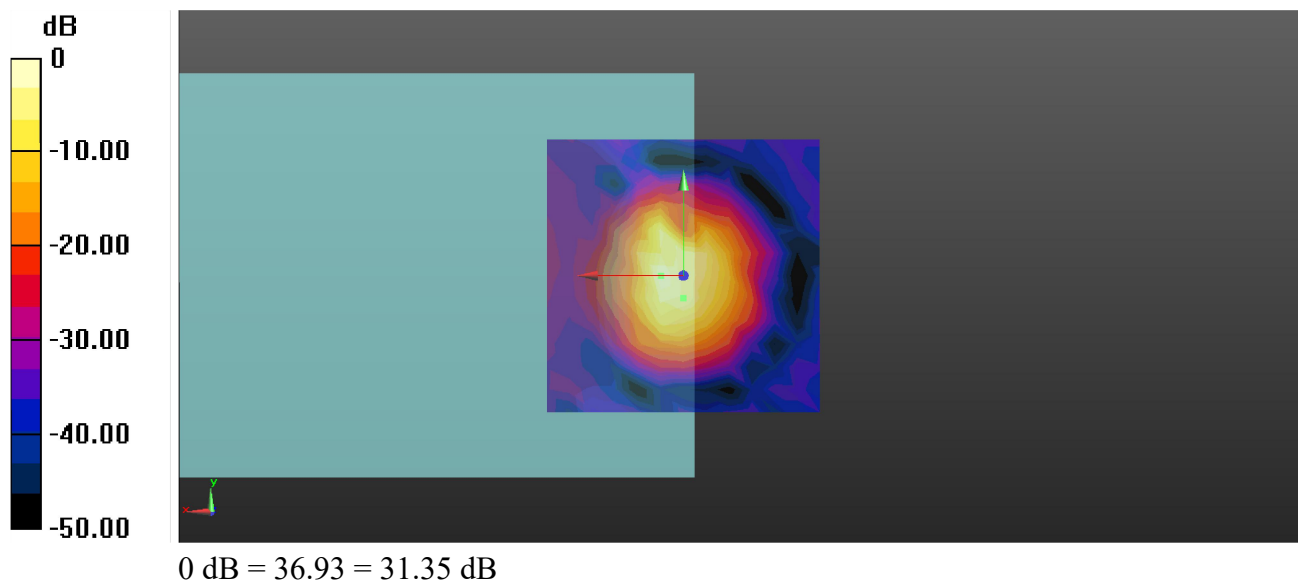
General Scans/z (axial) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1): Measurement grid:

dx=10mm, dy=10mm

ABM1/ABM2 = 31.35 dB

ABM1 comp = 1.51 dBA/m

Location: 4.2, 0, 3.7 mm



P17 T-Coil_LTE 38_QPSK20M_Ch38000_1RB_OS0_EVS NB 5.9kbps_Radial (Y)

Communication System: LTE; Frequency: 2595 MHz; Duty Cycle: 1:1.59

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

Ambient Temperature : 23.2°C

DASY5 Configuration:

- Probe: AM1DV3 - 3144; ; Calibrated: 9/21/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1633; Calibrated: 9/28/2020
- 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)

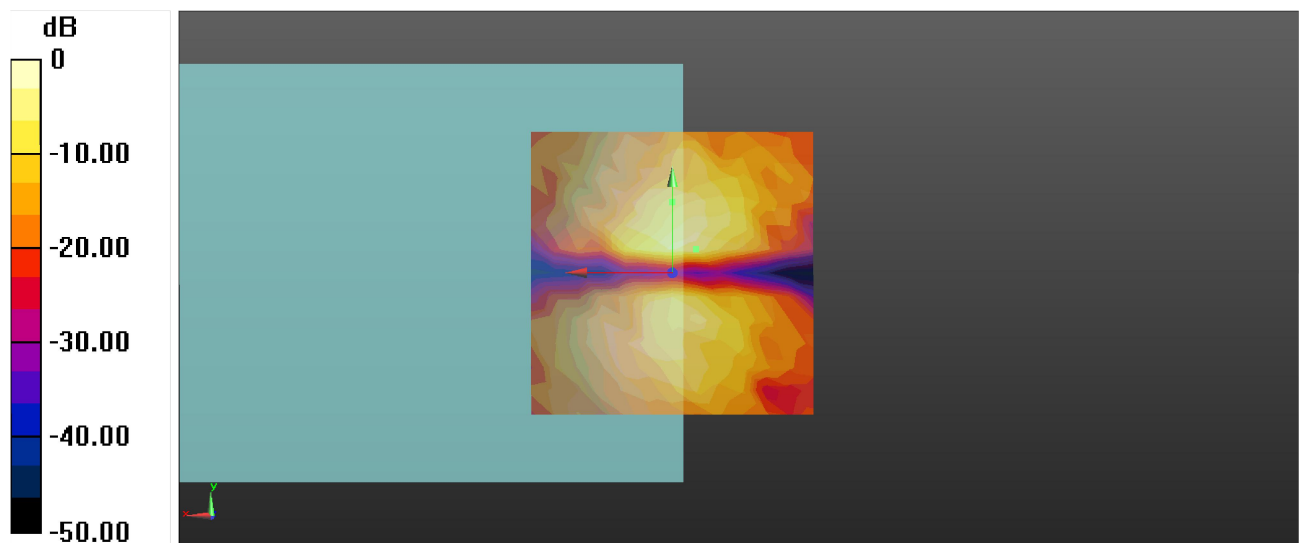
General Scans/y (transversal) 4.2mm 50 x 50/ABM SNR(x,y,z) (13x13x1):

Measurement grid: dx=10mm, dy=10mm

ABM1/ABM2 = 27.64 dB

ABM1 comp = -11.67 dBA/m

Location: -4.2, 4.2, 3.7 mm



0 dB = 24.11 = 27.64 dB