Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/11/20

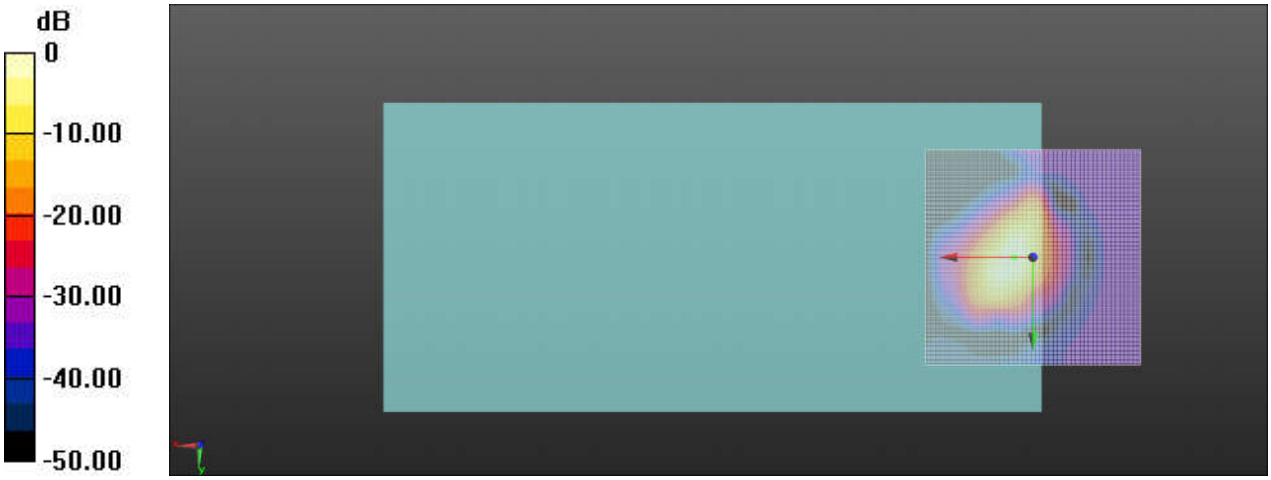
01_HAC T-Coil_GSM850_Voice_Ch189_Z

Communication System: UID 0, Generic GSM (0); Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

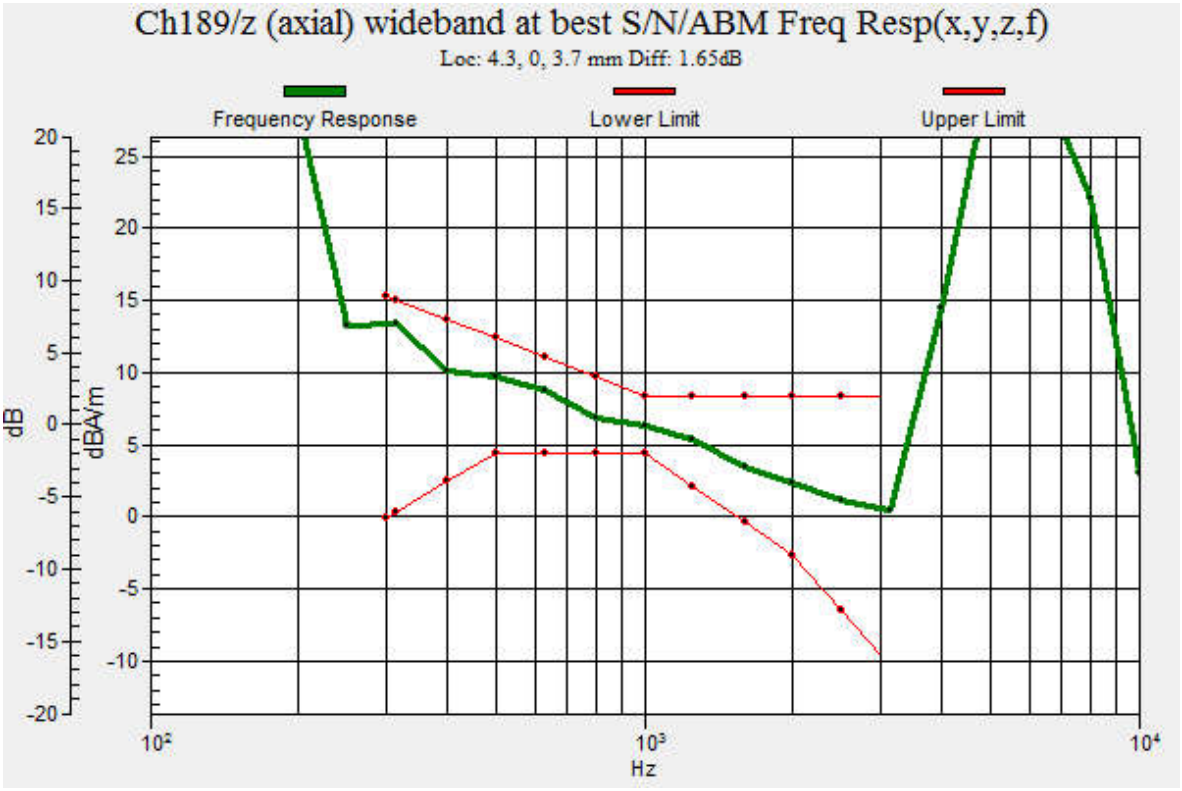
DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch189/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 = 48.37 dB
ABM1 comp = 5.34 dBA/m
Location: 4.2, 0, 3.7 mm



0 dB = 262.0 = 48.37 dB


Ch189/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 4.3, 0, 3.7 mm Diff: 1.65dB
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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/11/20

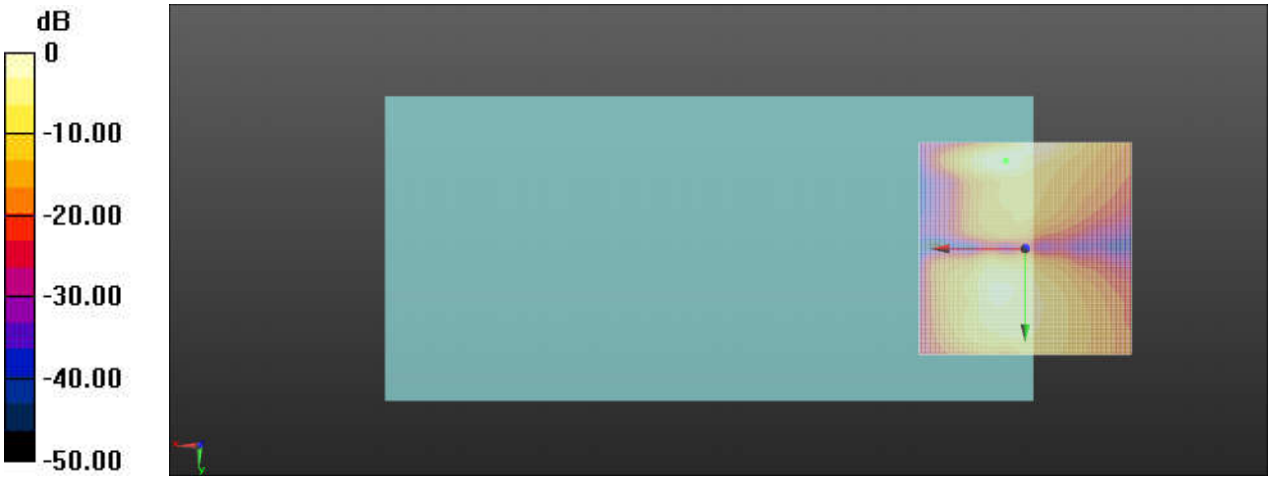
01_HAC T-Coil_GSM850_Voice_Ch189_Y

Communication System: UID 0, Generic GSM (0); Frequency: 836.4 MHz;Duty Cycle: 1:8.3
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch189/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 = 36.38 dB
ABM1 comp = -10.52 dBA/m
Location: 4.6, -20.8, 3.7 mm



0 dB = 65.95 = 36.38 dB

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/11/20

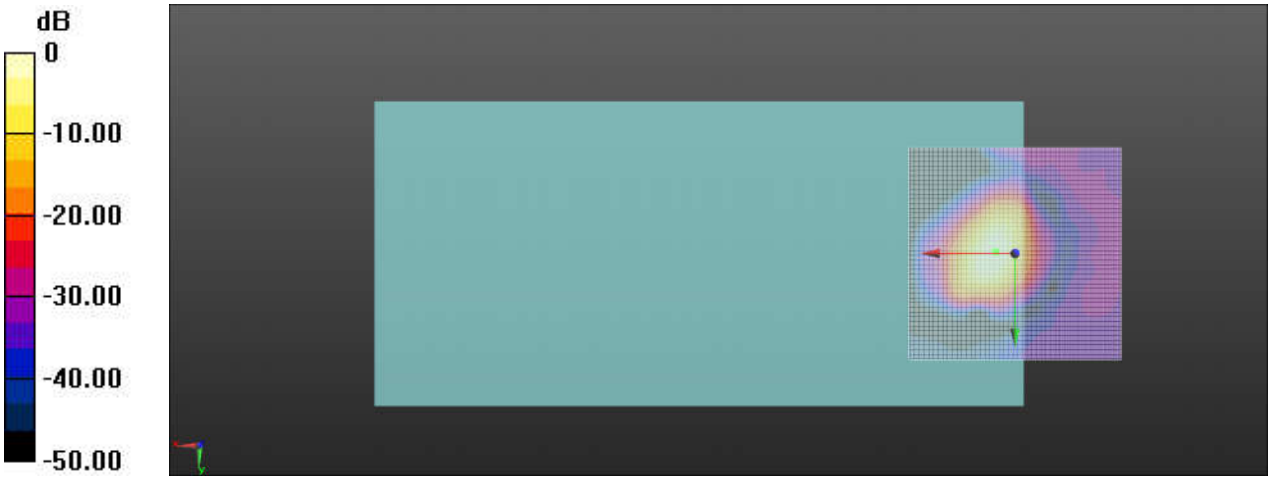
02_HAC T-Coil_GSM1900_Voice_Ch661_Z

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

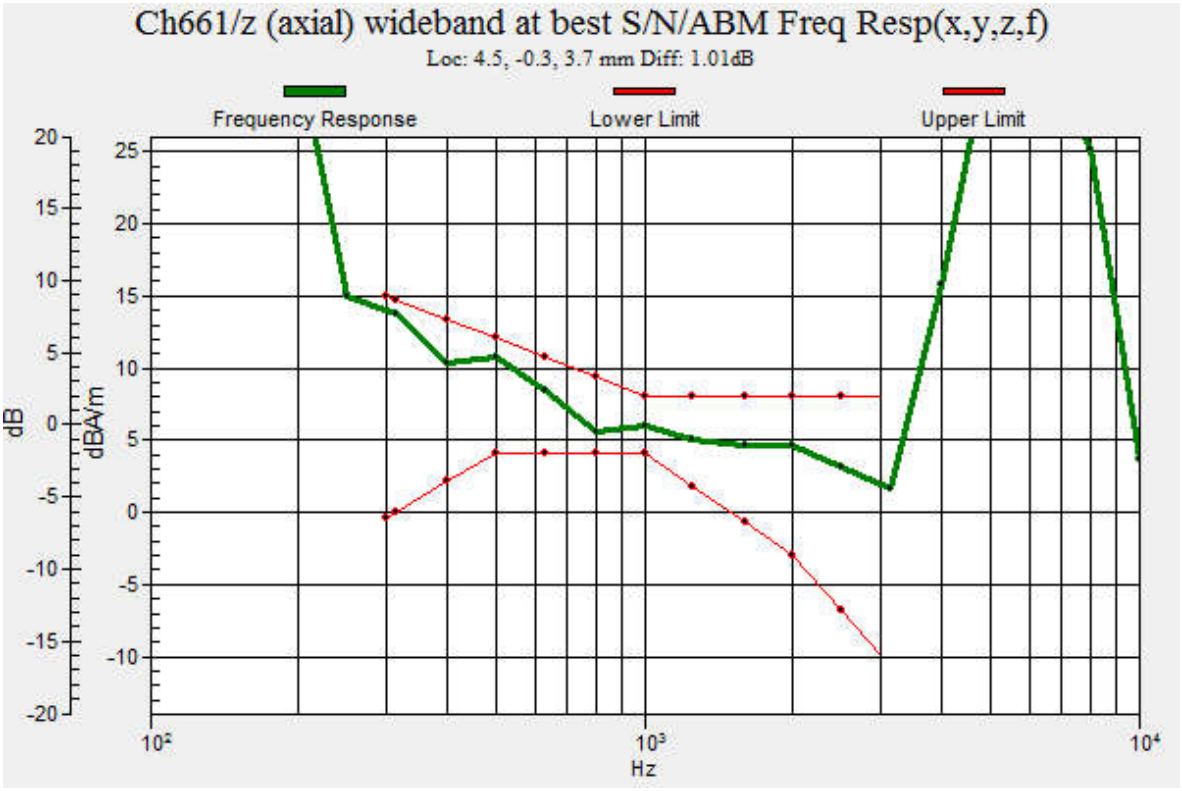
DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch661/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 = 49.73 dB
ABM1 comp = 6.41 dBA/m
Location: 4.6, -0.4, 3.7 mm



0 dB = 306.7 = 49.73 dB


Ch661/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 4.5, -0.3, 3.7 mm Diff: 1.01dB
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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/11/20

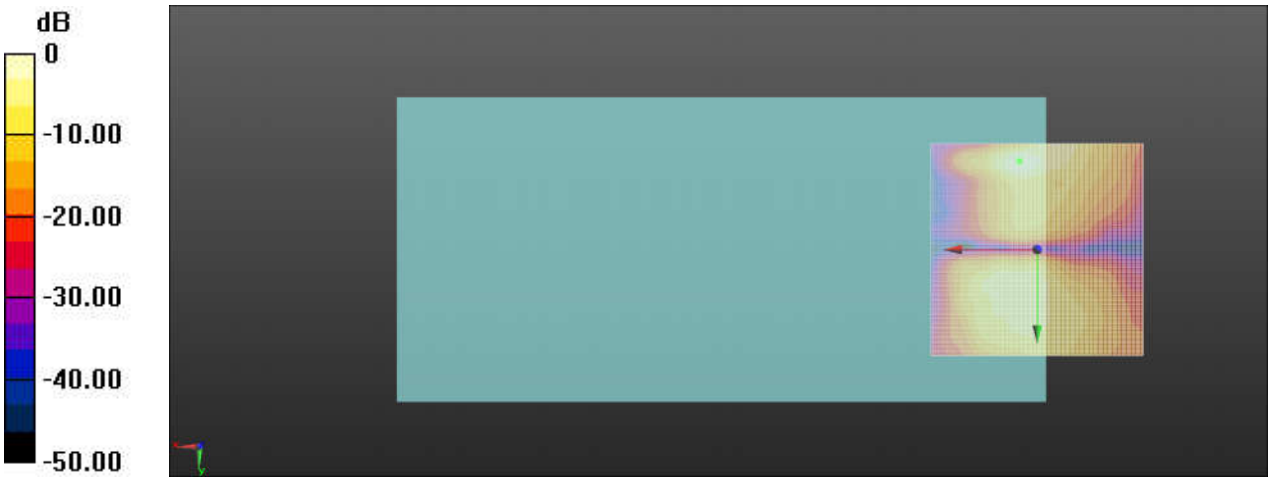
02_HAC T-Coil_GSM1900_Voice_Ch661_Y

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz;Duty Cycle: 1:8.3
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch661/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 = 39.56 dB
ABM1 comp = -10.20 dBA/m
Location: 4.2, -20.8, 3.7 mm



0 dB = 95.04 = 39.56 dB

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/11/21

03_HAC T-Coil_WCDMA V_Voice_Ch4182_Z

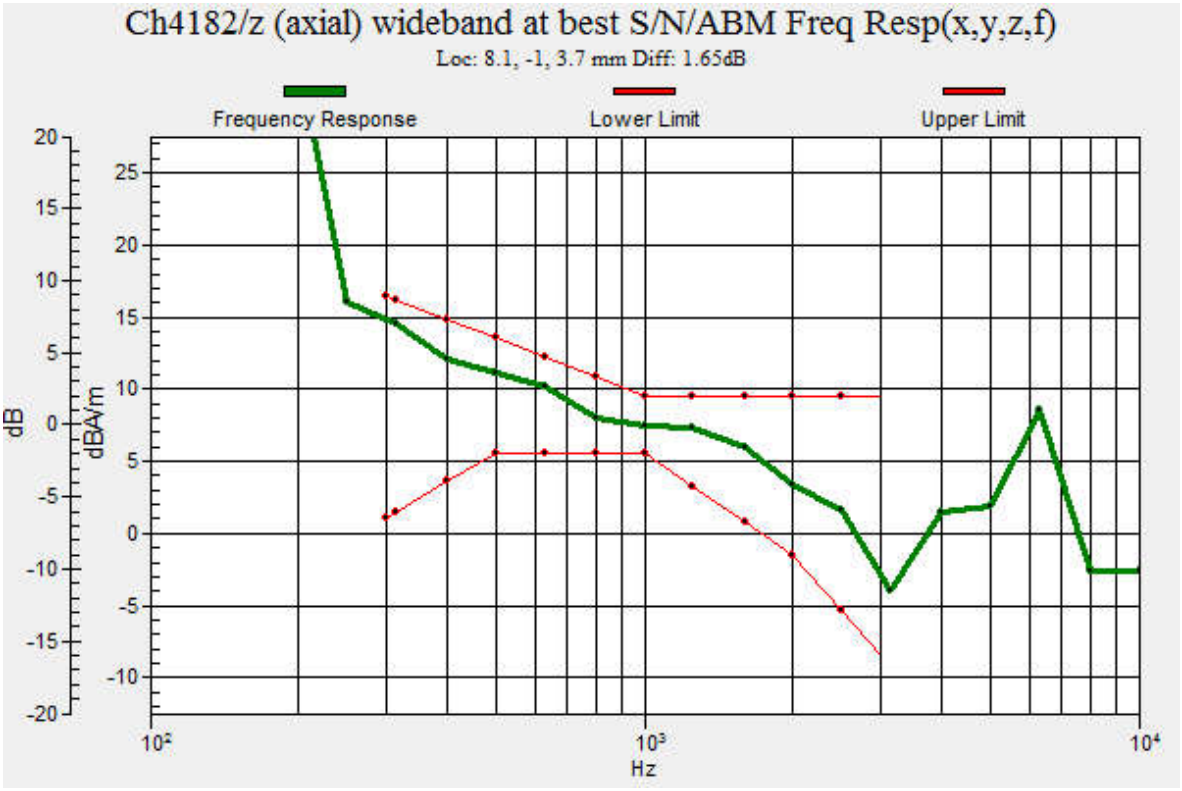
Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch4182/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm
ABM1/ABM2 = 55.36 dB
ABM1 comp = 10.36 dBA/m
Location: 7.9, -0.8, 3.7 mm

0 dB = 586.0 = 55.36 dB


Ch4182/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 8.1, -1, 3.7 mm Diff: 1.65dB
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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/11/21

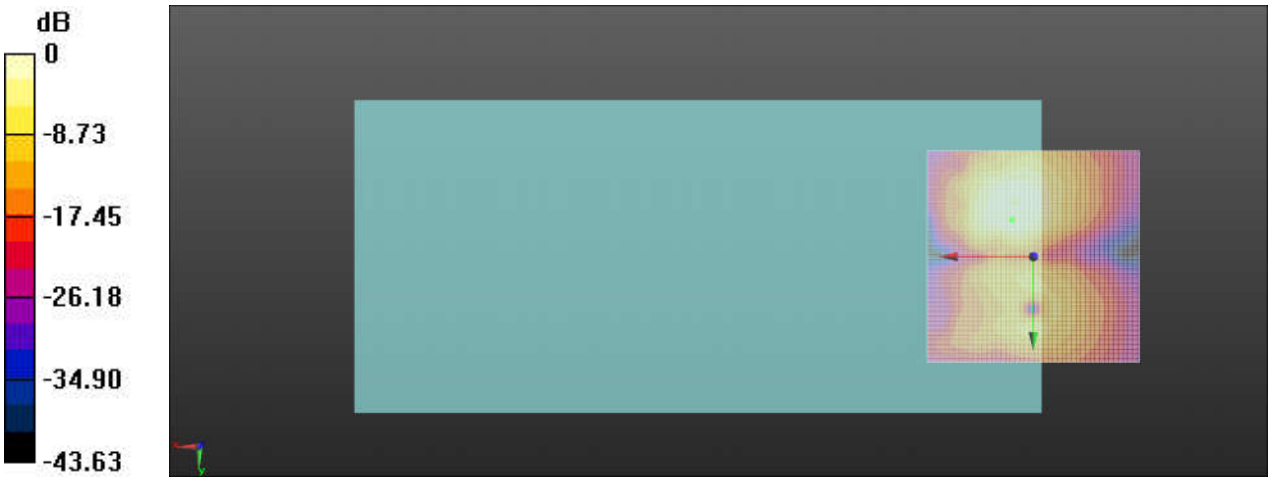
03_HAC T-Coil_WCDMA V_Voice_Ch4182_Y

Communication System: UID 0, UMTS (0); Frequency: 836.4 MHz;Duty Cycle: 1:1
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch4182/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 = 50.97 dB
ABM1 comp = 1.02 dBA/m
Location: 5, -8.8, 3.7 mm



0 dB = 353.4 = 50.97 dB

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/11/21

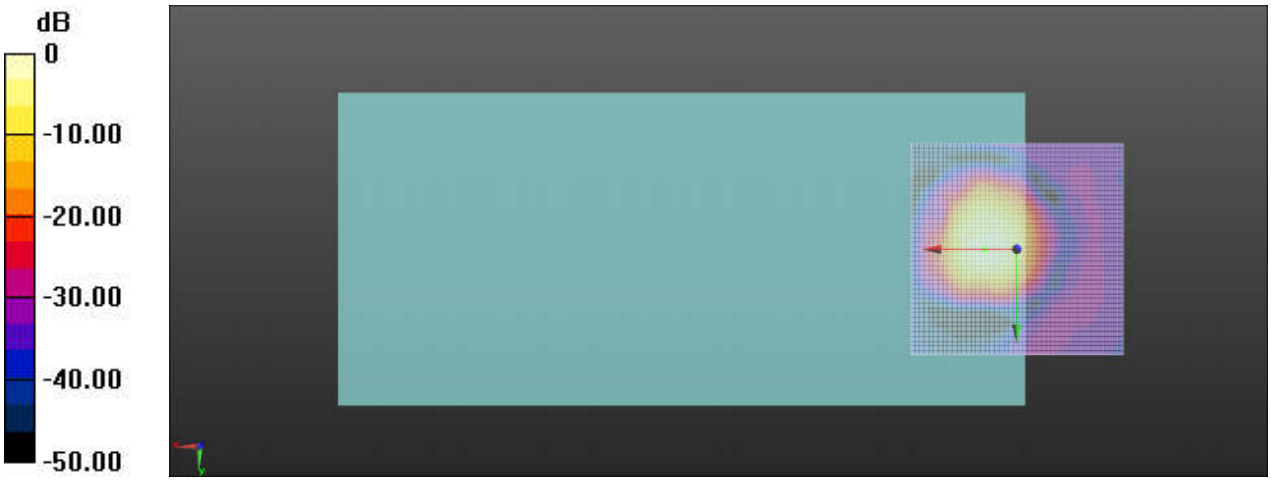
04_HAC T-Coil_WCDMA IV_Voice_Ch1413_Z

Communication System: UID 0, UMTS (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

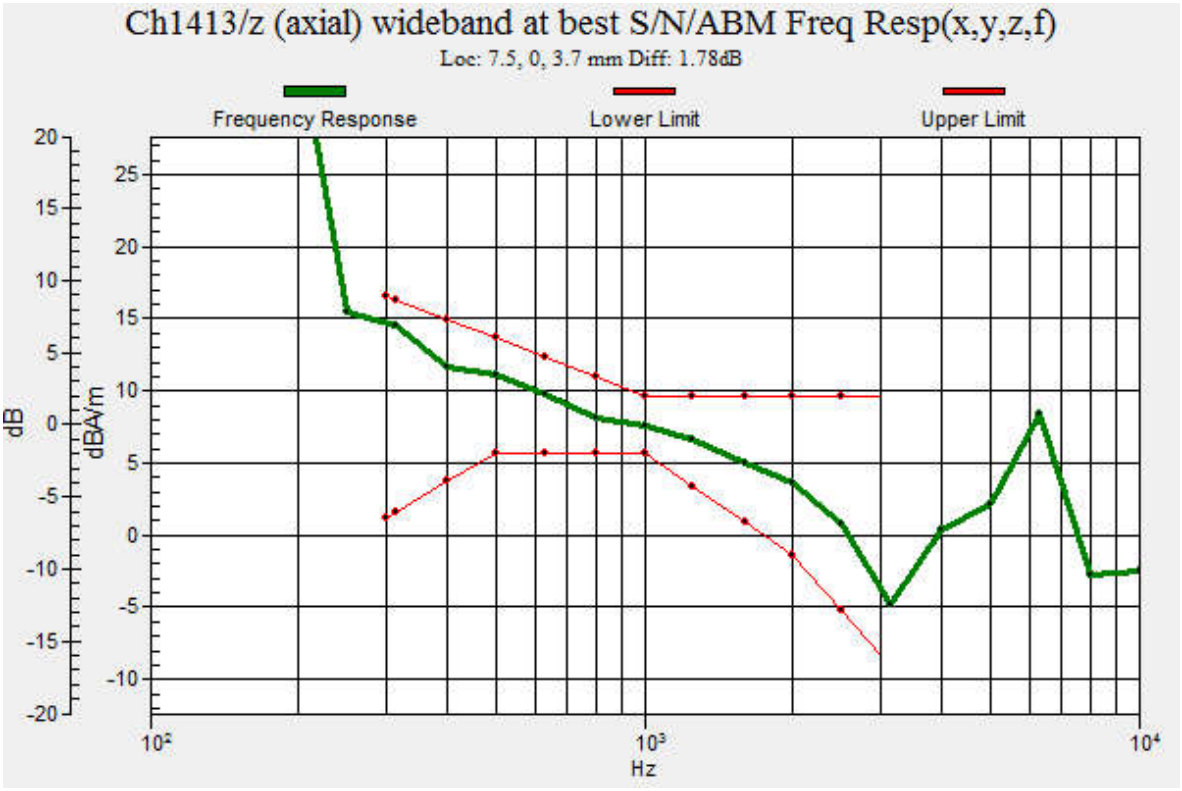
DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch1413/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm
ABM1/ABM2 = 55.26 dB
ABM1 comp = 10.33 dBA/m
Location: 7.5, 0, 3.7 mm



0 dB = 579.3 = 55.26 dB


Ch1413/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 7.5, 0, 3.7 mm Diff: 1.78dB
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

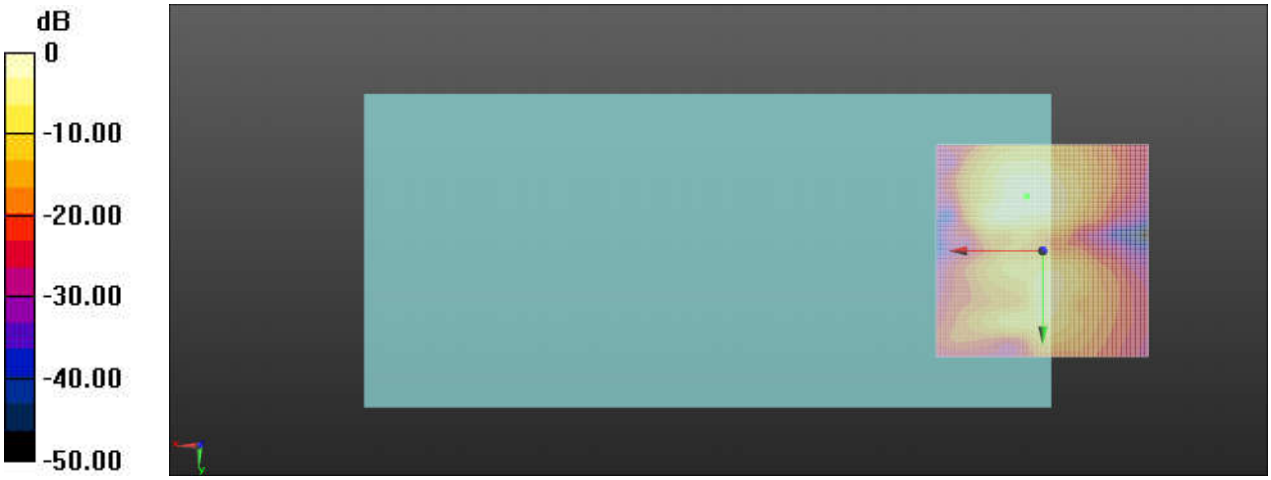
04_HAC T-Coil_WCDMA IV_Voice_Ch1413_Y

Communication System: UID 0, UMTS (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch1413/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 = 52.30 dB
ABM1 comp = 0.59 dBA/m
Location: 3.8, -12.9, 3.7 mm



0 dB = 411.9 = 52.30 dB

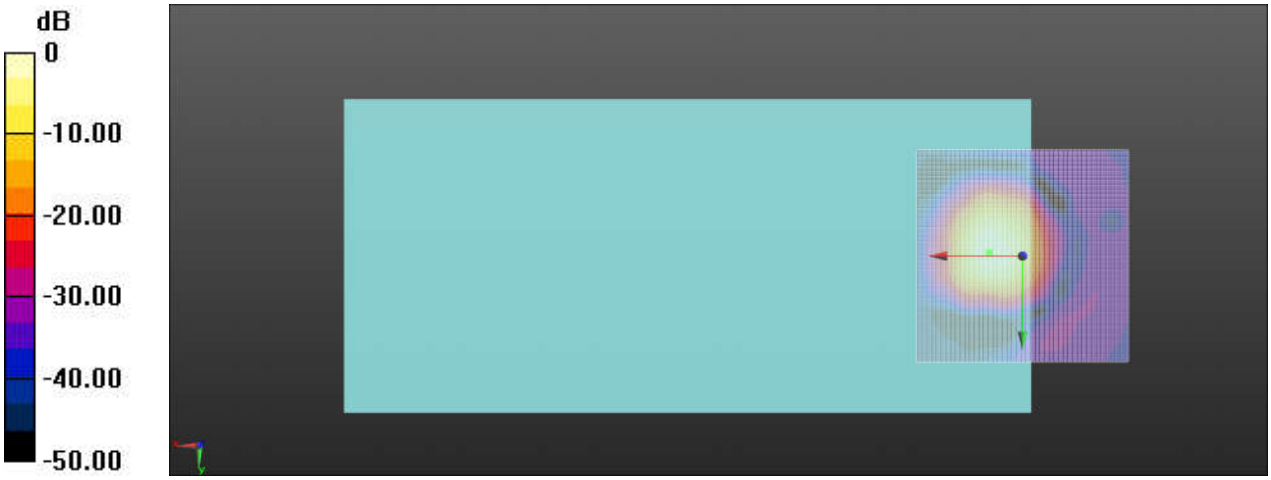
05_HAC T-Coil_WCDMA II_Voice_Ch9400_Z

Communication System: UID 0, UMTS (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

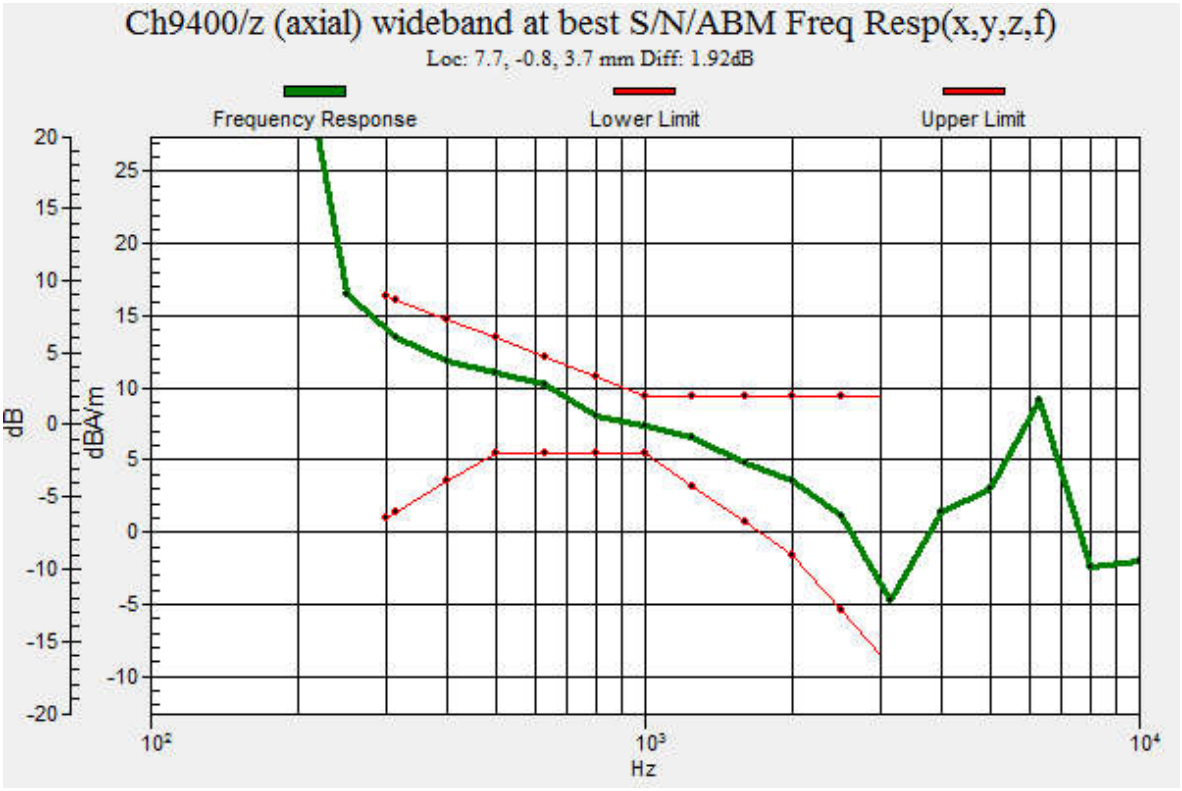
DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch9400/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 = 52.93 dB
ABM1 comp = 7.72 dBA/m
Location: 7.9, -0.8, 3.7 mm



0 dB = 443.1 = 52.93 dB


Ch9400/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 7.7, -0.8, 3.7 mm Diff: 1.92dB
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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/11/21

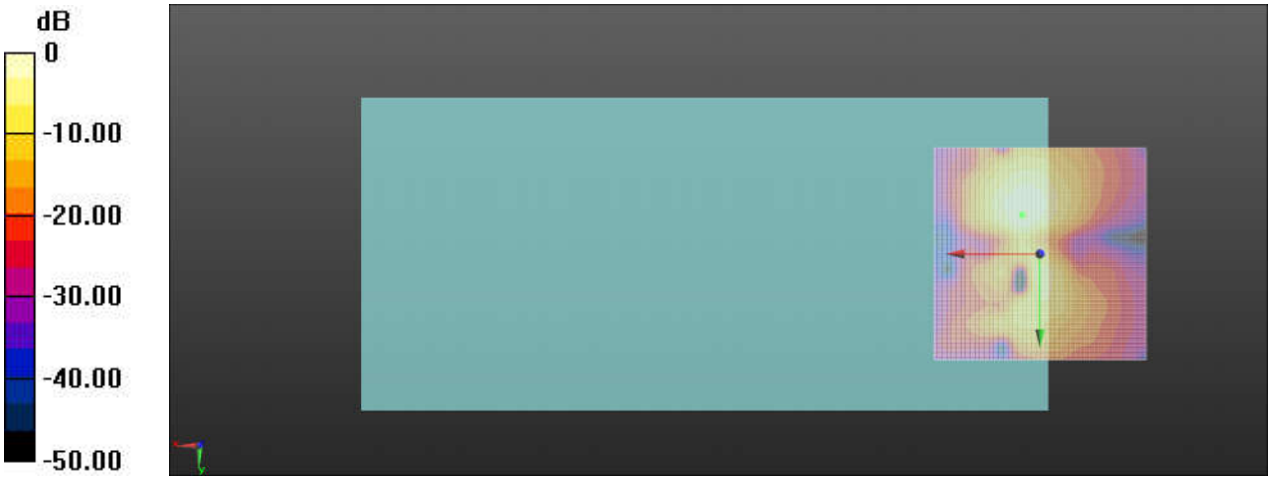
05_HAC T-Coil_WCDMA II_Voice_Ch9400_Y

Communication System: UID 0, UMTS (0); Frequency: 1880 MHz;Duty Cycle: 1:1
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch9400/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 = 51.48 dB
ABM1 comp = -1.28 dBA/m
Location: 4.2, -9.2, 3.7 mm



0 dB = 374.9 = 51.48 dB

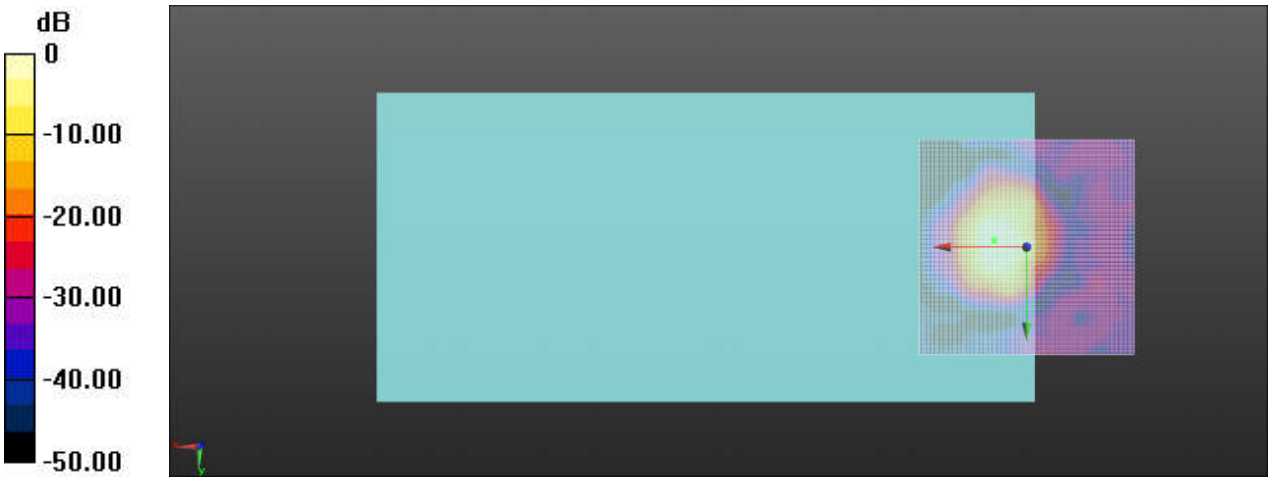
06_HAC T-Coil_LTE Band 7_20M_QPSK_100RB_0Offset_Ch21100_Z

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

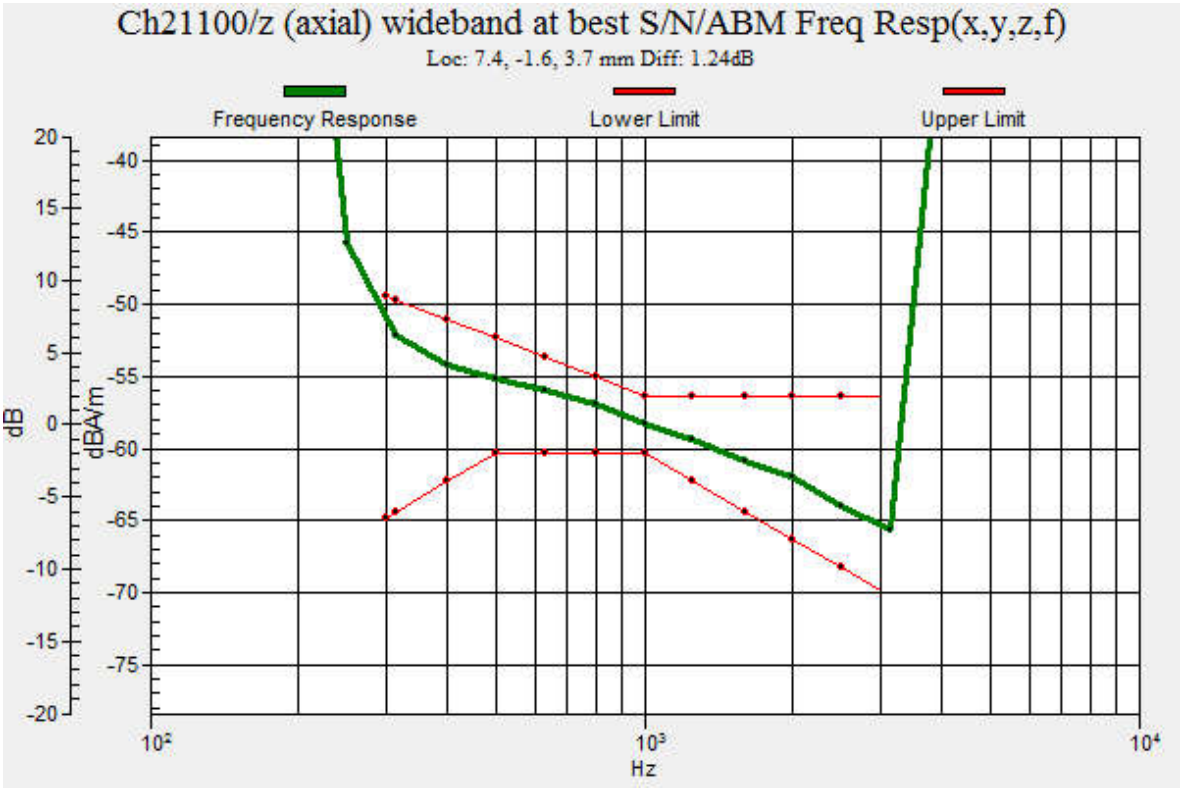
DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch21100/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 = 54.29 dB
ABM1 comp = 8.16 dBA/m
Location: 7.5, -1.7, 3.7 mm



0 dB = 518.4 = 54.29 dB


Ch21100/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 7.4, -1.6, 3.7 mm Diff: 1.24dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
Hz
20
15
10
5
0
-5
-10
-15
-20
-40
-45
-50
-55
-60
-65
-70
-75
10²
10³
10⁴

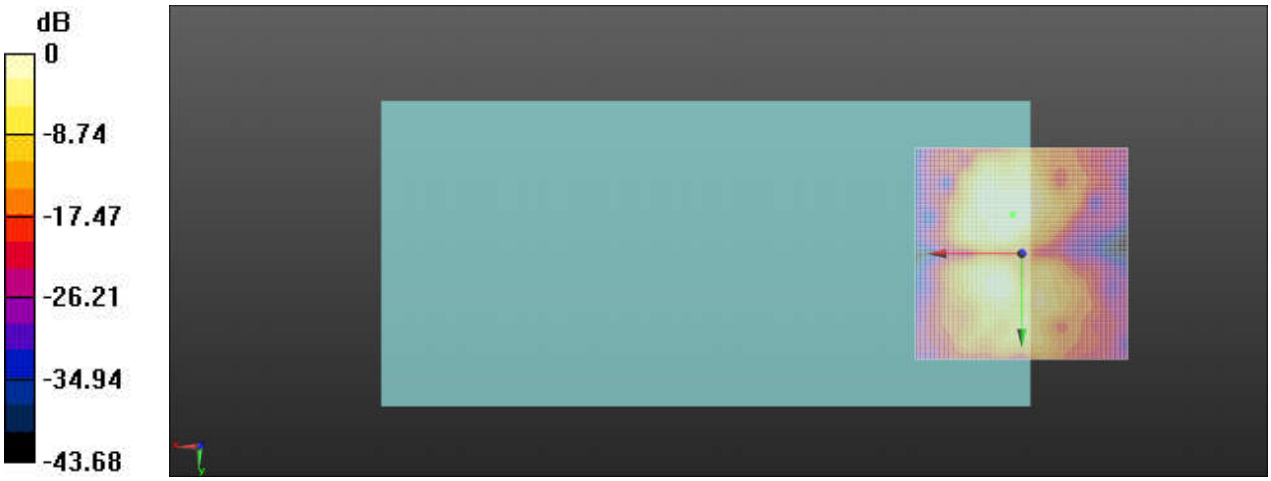
06_HAC T-Coil_LTE Band 7_20M_QPSK_100RB_0Offset_Ch21100_Y

Communication System: UID 0, LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch21100/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 = 48.58 dB
ABM1 comp = -4.15 dBA/m
Location: 2.1, -9.2, 3.7 mm



0 dB = 268.7 = 48.59 dB

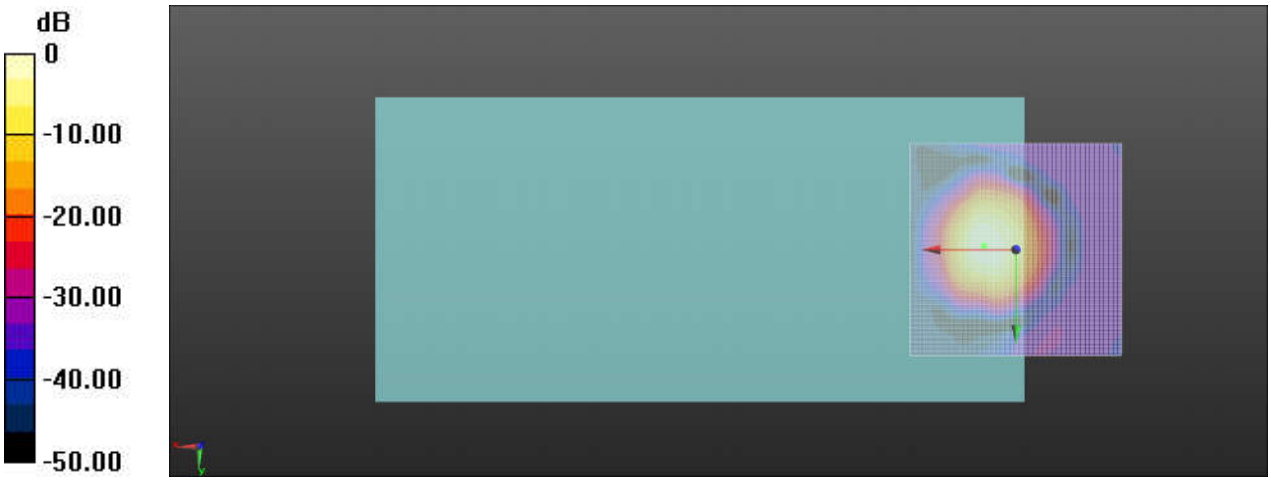
07_HAC T-Coil_LTE Band 12_10M_QPSK_50RB_0Offset_Ch23095_Z

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

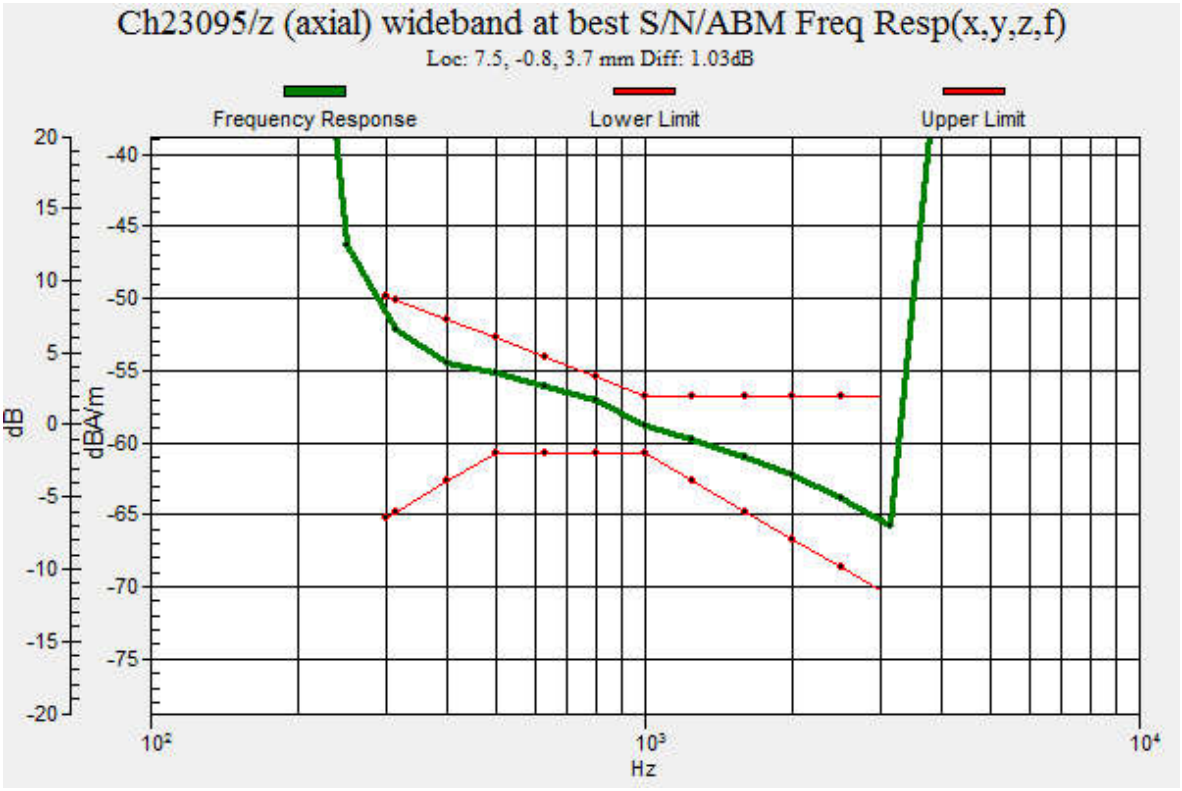
DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch23095/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 = 60.26 dB
ABM1 comp = 11.35 dBA/m
Location: 7.5, -0.8, 3.7 mm



0 dB = 1030 = 60.26 dB


Ch23095/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 7.5, -0.8, 3.7 mm Diff: 1.03dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
Hz
20
15
10
5
0
-5
-10
-15
-20
-40
-45
-50
-55
-60
-65
-70
-75
10²
10³
10⁴

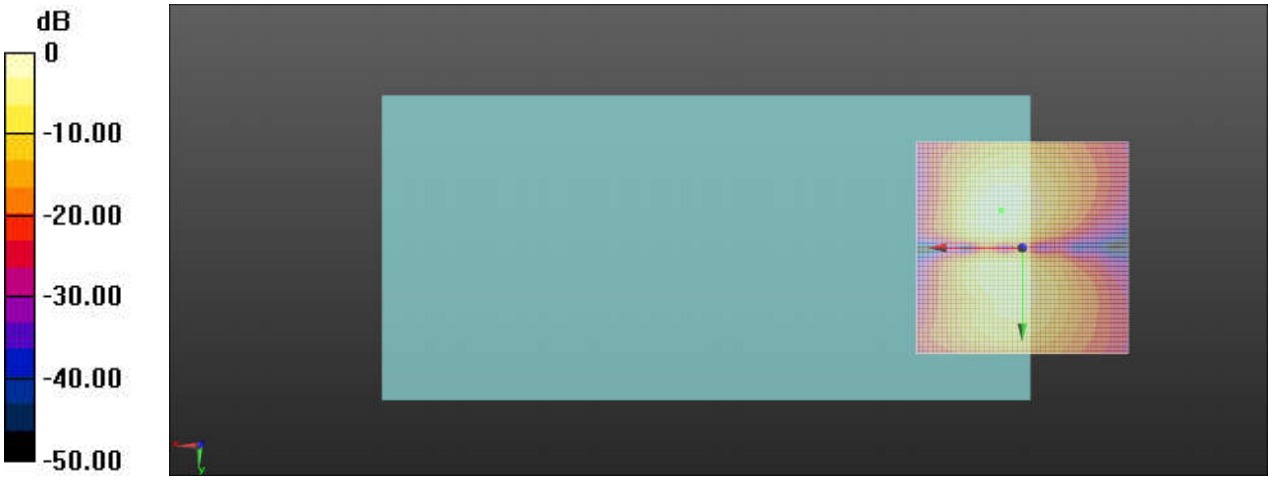
07_HAC T-Coil_LTE Band 12_10M_QPSK_50RB_0Offset_Ch23095_Y

Communication System: UID 0, LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch23095/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 = 54.12 dB
ABM1 comp = 1.78 dBA/m
Location: 5, -8.8, 3.7 mm



0 dB = 508.3 = 54.12 dB

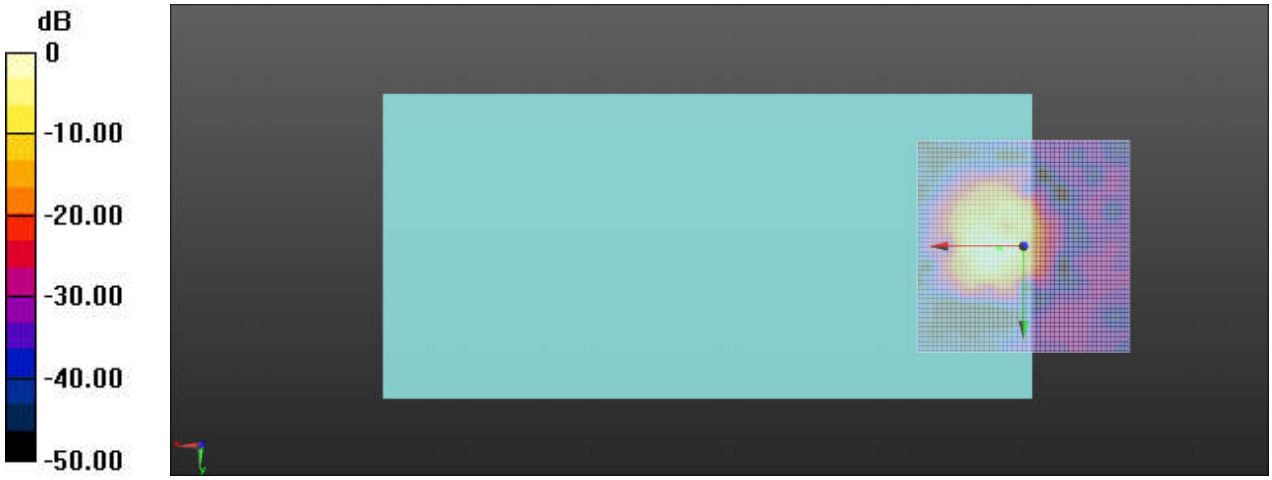
08_HAC T-Coil_LTE Band 13_10M_QPSK_50RB_0Offset_Ch23230_Z

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

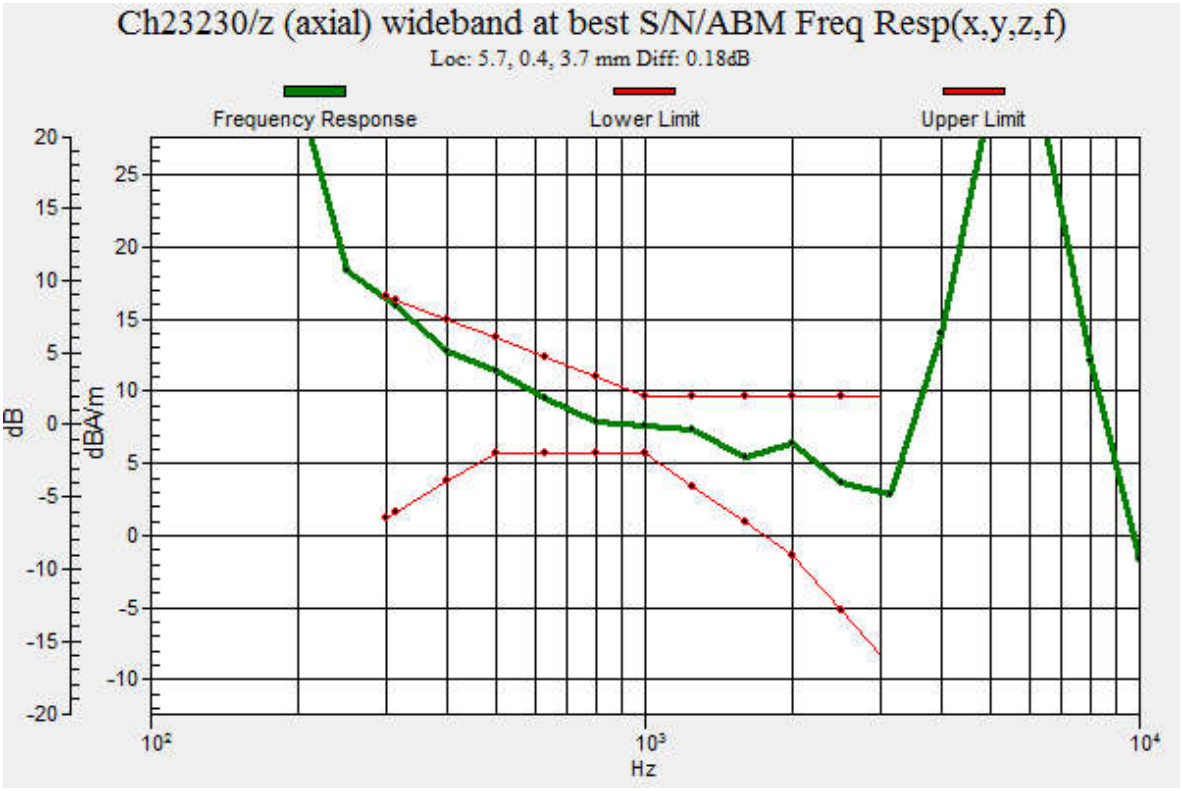
DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch23230/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 = 48.81 dB
ABM1 comp = 3.18 dBA/m
Location: 5.8, 0.4, 3.7 mm



0 dB = 275.8 = 48.81 dB


Ch23230/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 5.7, 0.4, 3.7 mm Diff: 0.18dB
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

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab Date: 2022/11/25

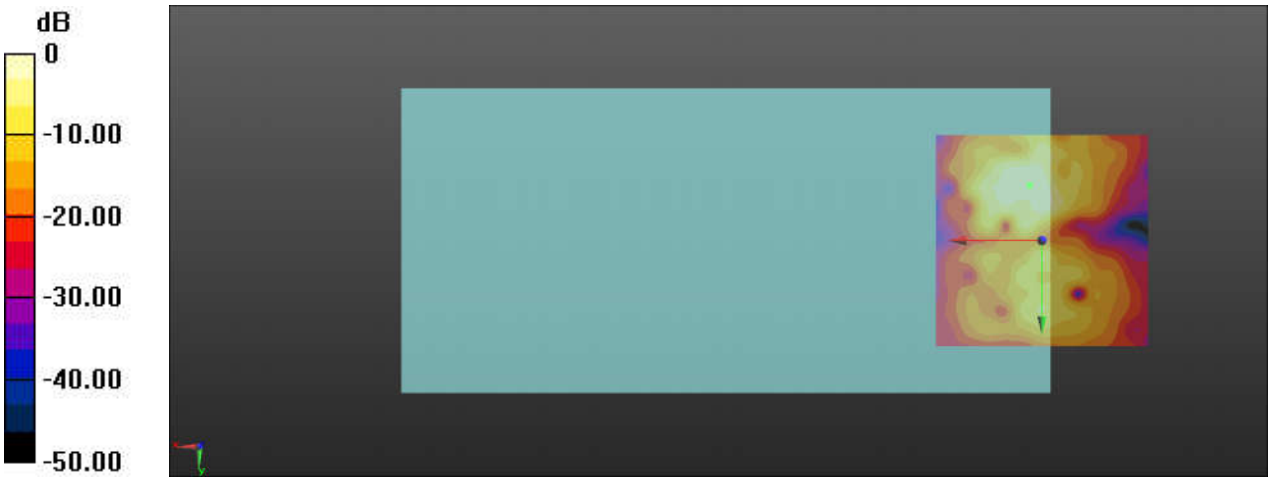
08_HAC T-Coil_LTE Band 13_10M_QPSK_50RB_0Offset_Ch23230_Y

Communication System: UID 0, LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch23230/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 = 43.66 dB
ABM1 comp = -7.77 dBA/m
Location: 2.9, -12.9, 3.7 mm



0 dB = 152.4 = 43.66 dB

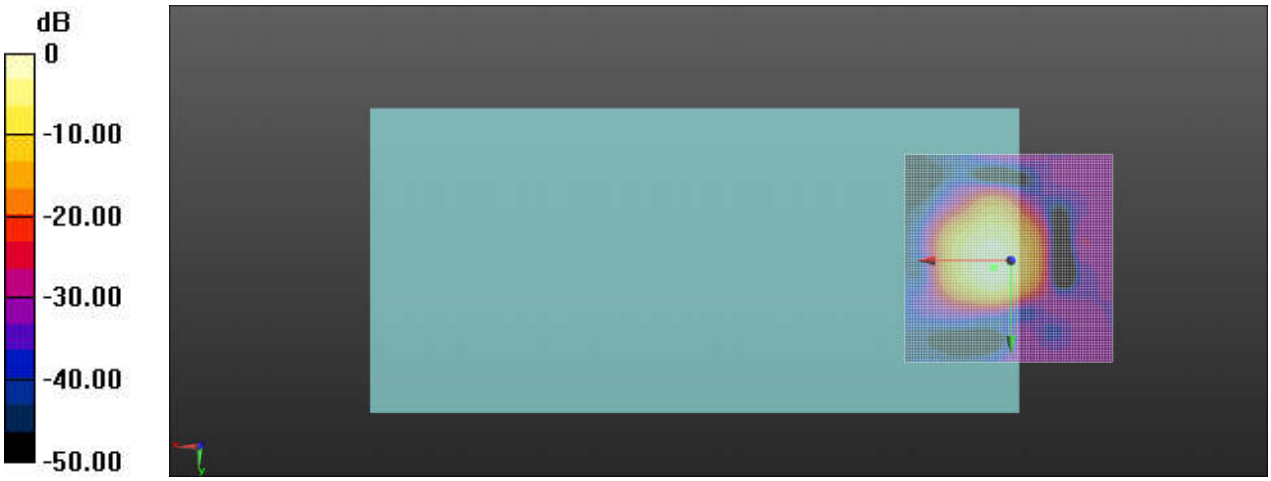
09_HAC T-Coil_LTE Band 25_20M_QPSK_100RB_0Offset_Ch26340_Z

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

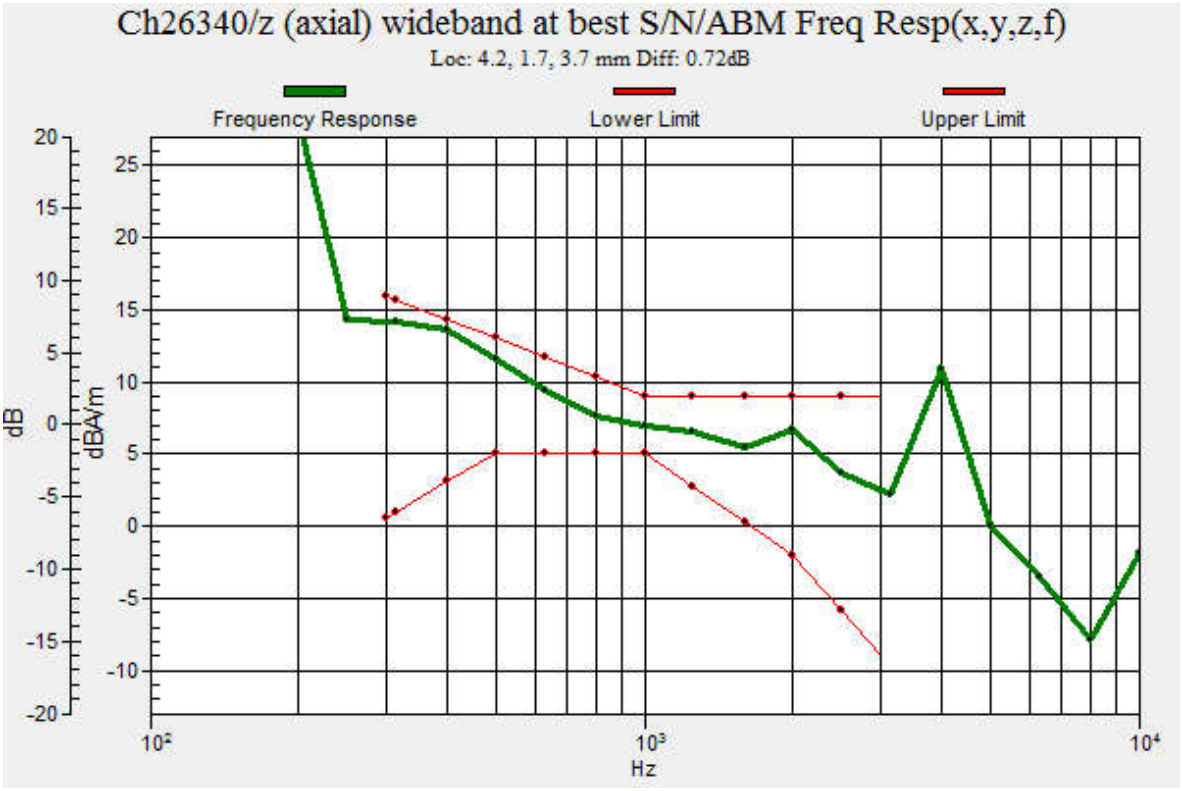
DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch26340/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (71x71x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm
ABM1/ABM2 = 46.09 dB
ABM1 comp = 1.15 dBA/m
Location: 4, 1.6, 3.7 mm



0 dB = 201.5 = 46.09 dB


Ch26340/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 4.2, 1.7, 3.7 mm Diff: 0.72dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
Hz
10²
10³
10⁴

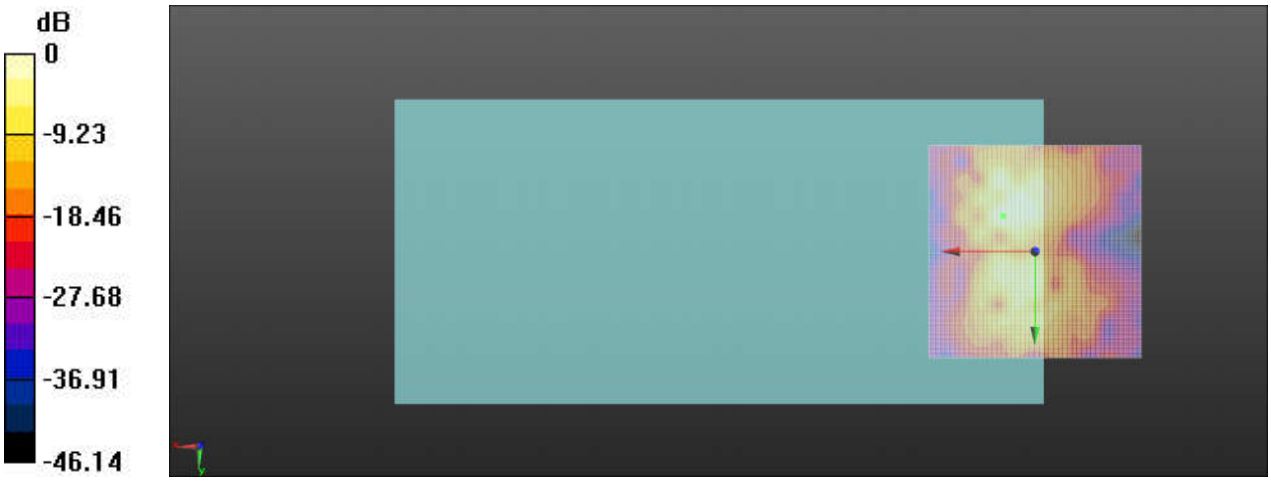
09_HAC T-Coil_LTE Band 25_20M_QPSK_100RB_0Offset_Ch26340_Y

Communication System: UID 0, LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch26340/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 = 50.34 dB
ABM1 comp = 0.98 dBA/m
Location: 7.5, -8.3, 3.7 mm



0 dB = 328.9 = 50.34 dB

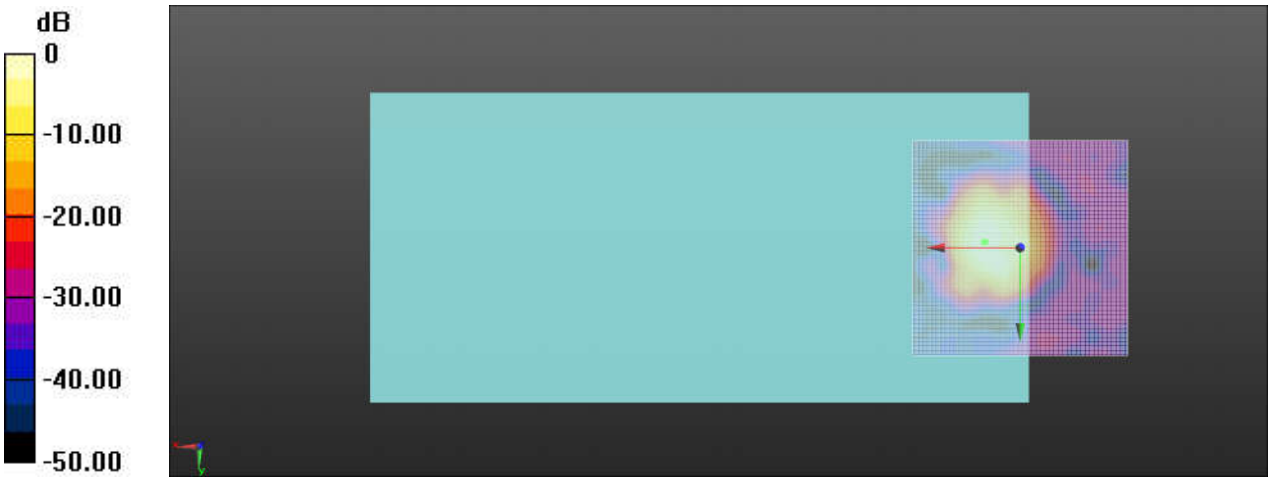
10_HAC T-Coil_LTE Band 26_15M_QPSK_75RB_0Offset_Ch26865_Z

Communication System: UID 0, LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

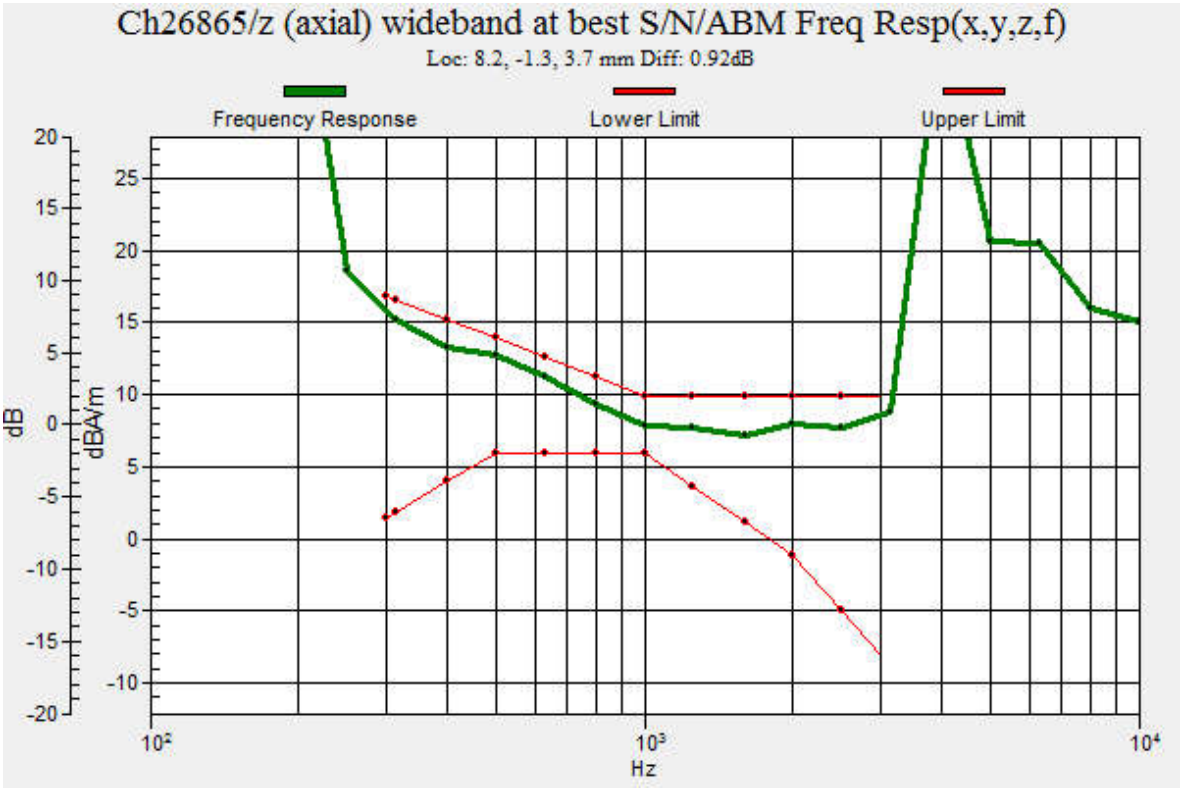
DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch26865/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 = 53.70 dB
ABM1 comp = 11.48 dBA/m
Location: 8.3, -1.3, 3.7 mm



0 dB = 484.4 = 53.70 dB


Ch26865/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 8.2, -1.3, 3.7 mm Diff: 0.92dB
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

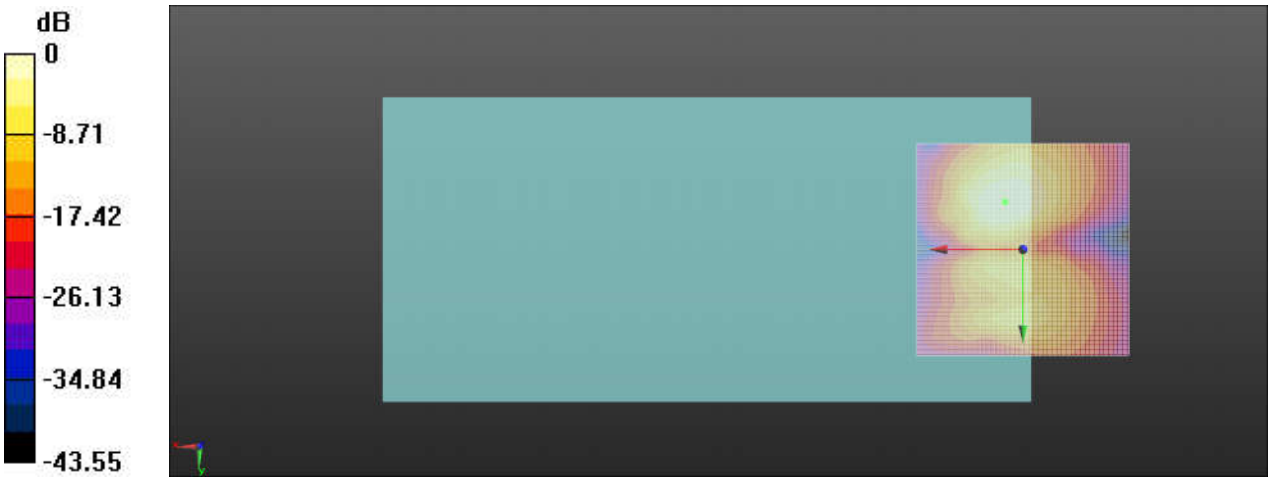
10_HAC T-Coil_LTE Band 26_15M_QPSK_75RB_0Offset_Ch26865_Y

Communication System: UID 0, LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch26865/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 = 51.68 dB
ABM1 comp = 1.27 dBA/m
Location: 4.2, -11.3, 3.7 mm



0 dB = 383.8 = 51.68 dB

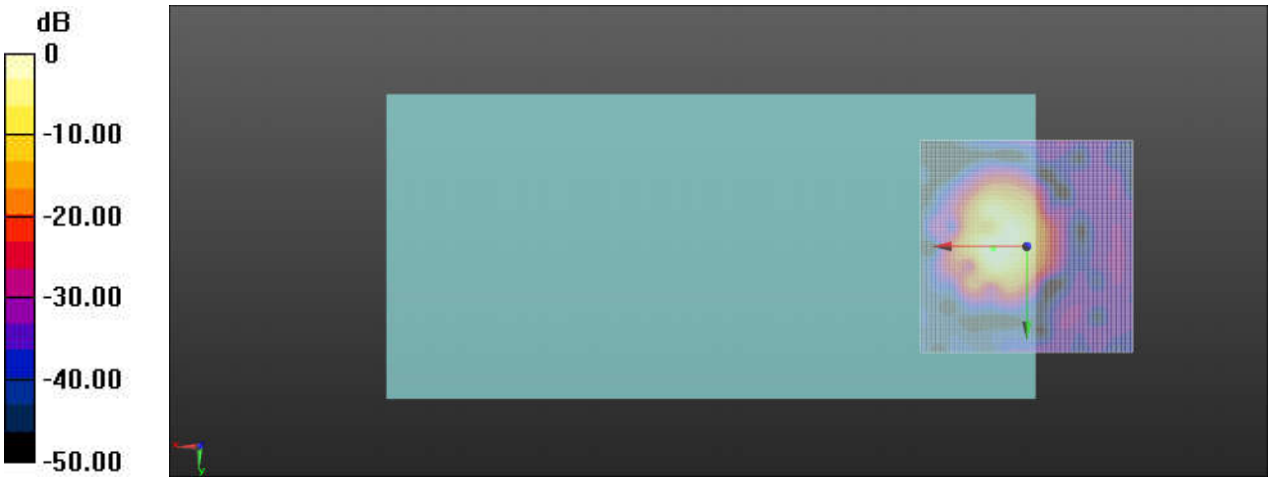
11_HAC T-Coil_LTE Band 30_10M_QPSK_50RB_0Offset_Ch27710_Z

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

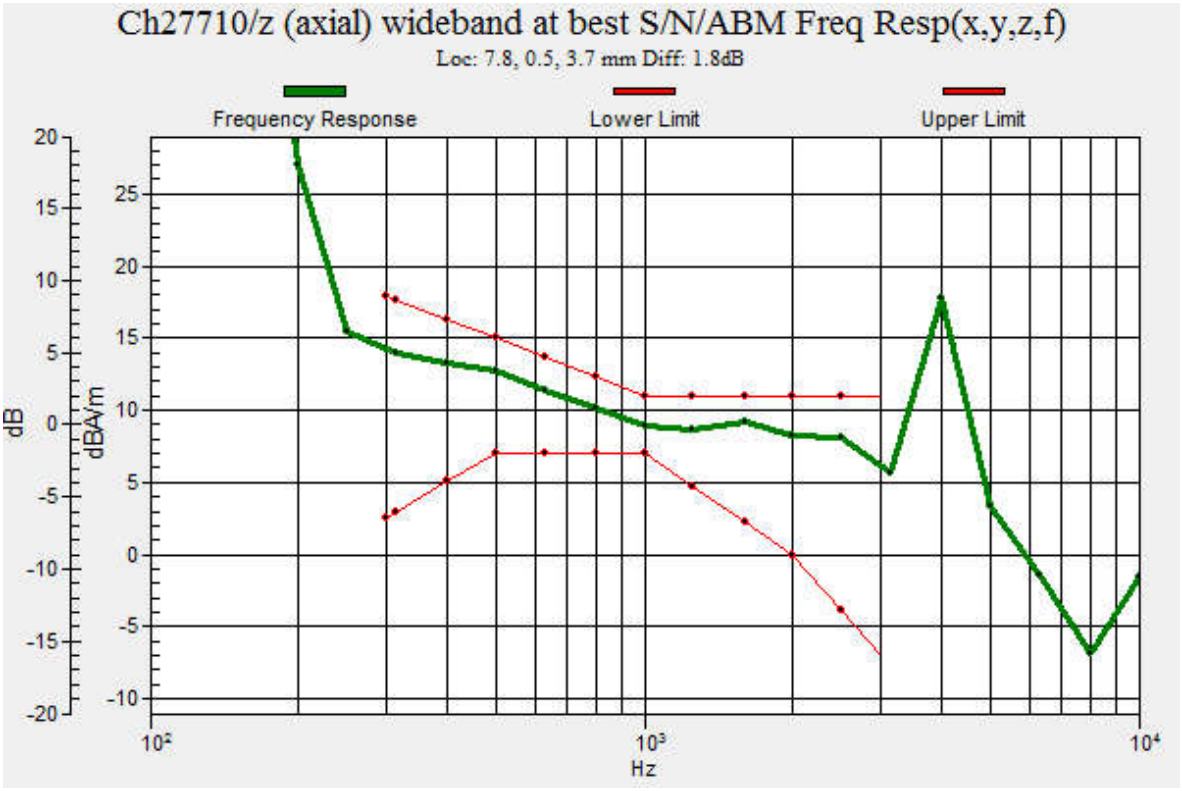
DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch27710/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm
ABM1/ABM2 = 54.07 dB
ABM1 comp = 7.78 dBA/m
Location: 7.9, 0.4, 3.7 mm



0 dB = 505.3 = 54.07 dB


Ch27710/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 7.8, 0.5, 3.7 mm Diff: 1.8dB
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

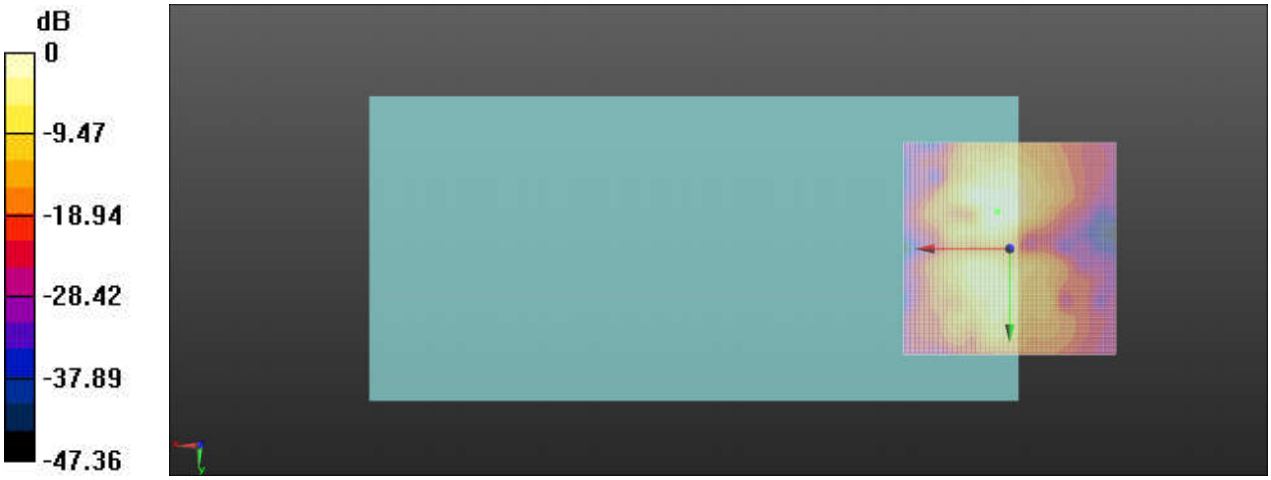
11_HAC T-Coil_LTE Band 30_10M_QPSK_50RB_0Offset_Ch27710_Y

Communication System: UID 0, LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch27710/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 = 49.81 dB
ABM1 comp = -2.47 dBA/m
Location: 2.9, -8.8, 3.7 mm



0 dB = 309.3 = 49.81 dB

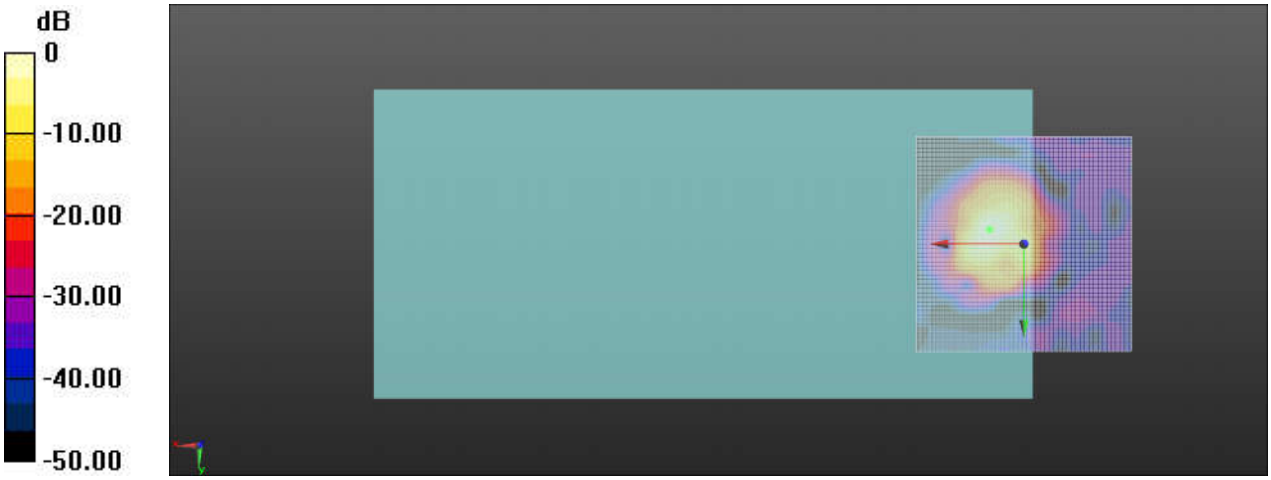
12_HAC T-Coil_LTE Band 66_20M_QPSK_100RB_0Offset_Ch132322_Z

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

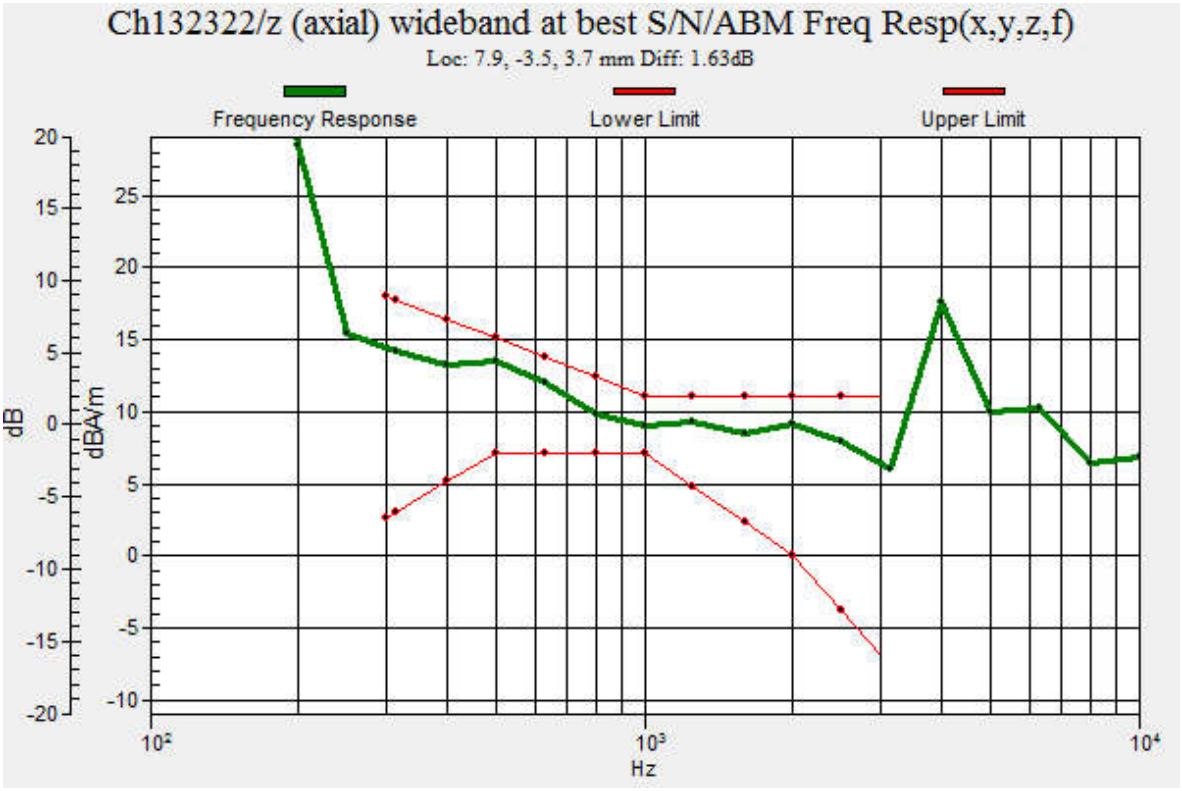
DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch132322/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 = 54.31 dB
ABM1 comp = 7.87 dBA/m
Location: 7.9, -3.3, 3.7 mm



0 dB = 519.2 = 54.31 dB

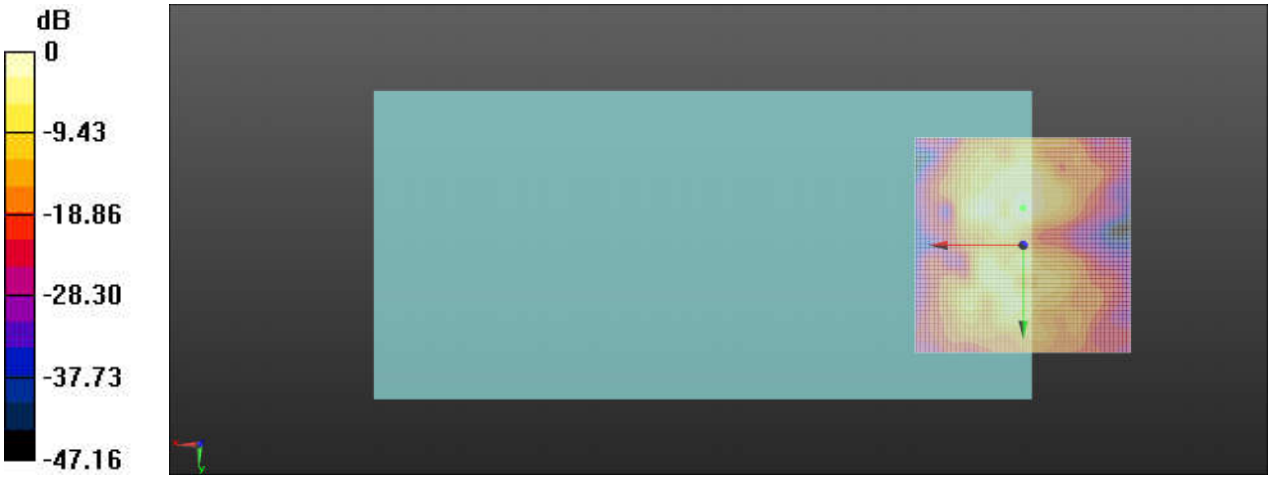

Ch132322/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 7.9, -3.5, 3.7 mm Diff: 1.63dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
Hz
20
15
10
5
0
-5
-10
-15
-20
25
20
15
10
5
0
-5
-10
10^2
10^3
10^4

12_HAC T-Coil_LTE Band 66_20M_QPSK_100RB_0Offset_Ch132322_Y

Communication System: UID 0, LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch132322/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 = 48.56 dB
ABM1 comp = -4.60 dBA/m
Location: 0, -8.8, 3.7 mm



0 dB = 267.9 = 48.56 dB

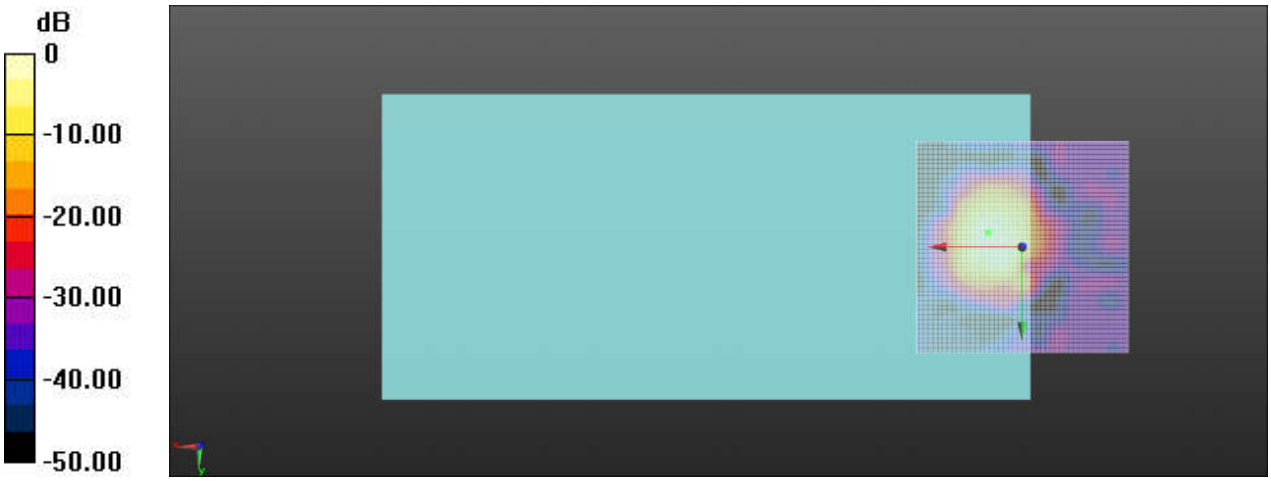
13_HAC T-Coil_LTE Band 71_20M_QPSK_100RB_0Offset_Ch133297_Z

Communication System: UID 0, LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

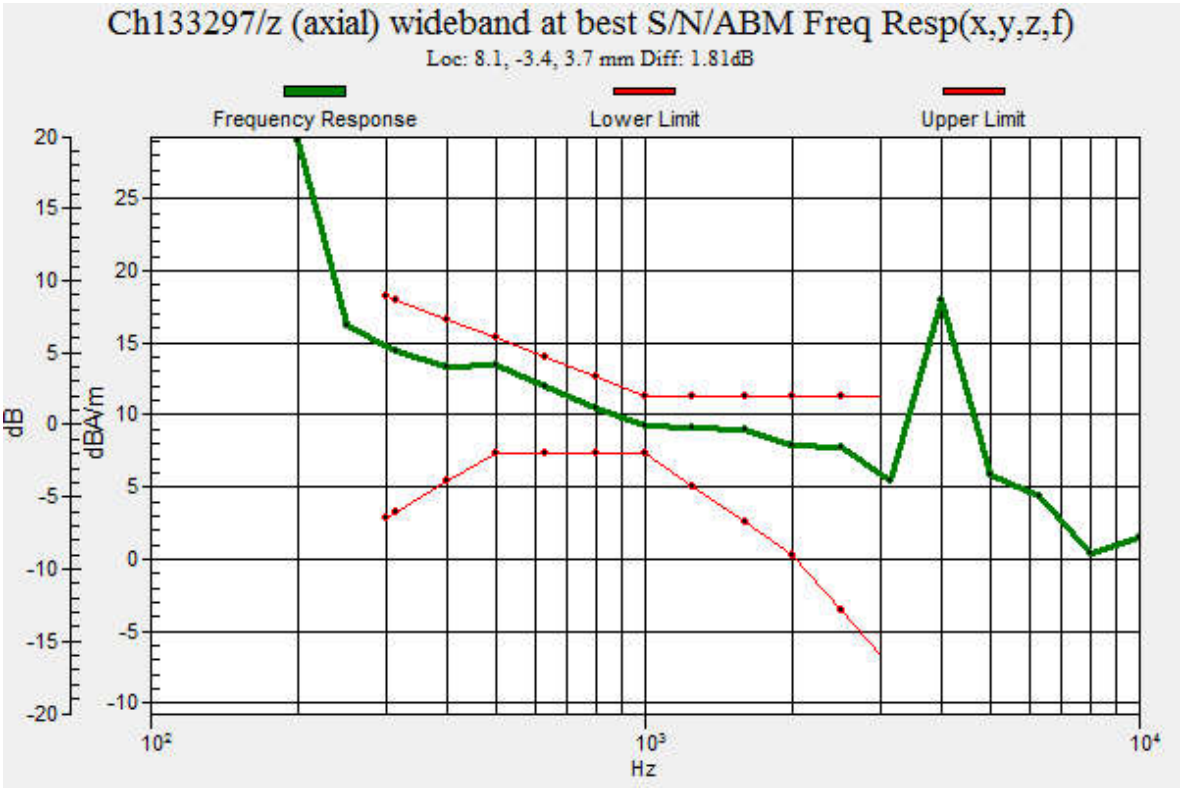
DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch133297/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 = 54.81 dB
ABM1 comp = 6.98 dBA/m
Location: 7.9, -3.3, 3.7 mm



0 dB = 549.9 = 54.81 dB

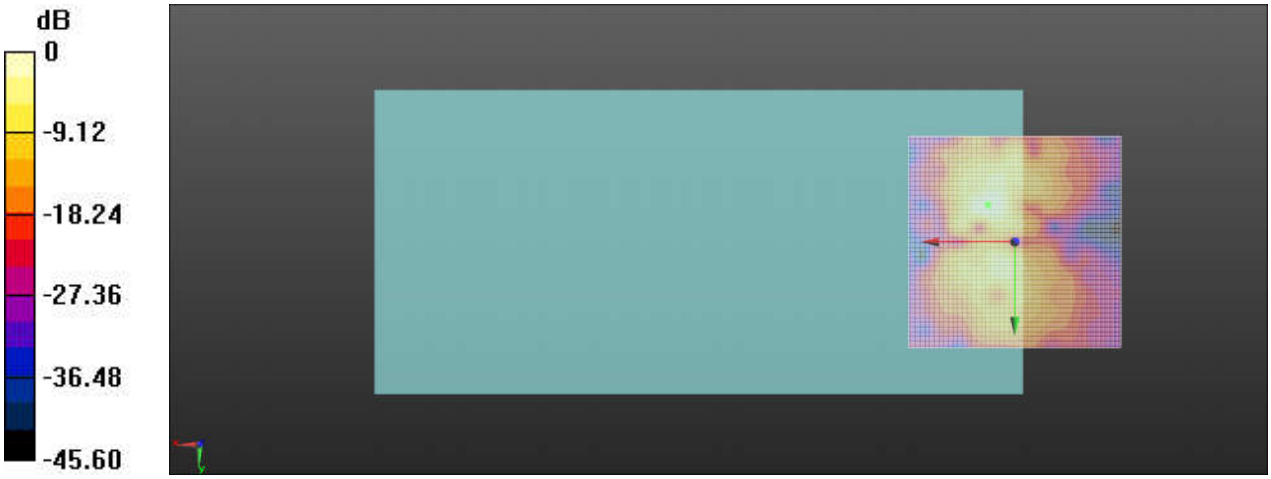

Ch133297/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 8.1, -3.4, 3.7 mm Diff: 1.81dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
Hz
20
15
10
5
0
-5
-10
-15
-20
25
20
15
10
5
0
-5
-10
10^2
10^3
10^4

13_HAC T-Coil_LTE Band 71_20M_QPSK_100RB_0Offset_Ch133297_Y

Communication System: UID 0, LTE (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch133297/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 = 51.51 dB
ABM1 comp = 0.21 dBA/m
Location: 6.3, -8.8, 3.7 mm



0 dB = 376.3 = 51.51 dB

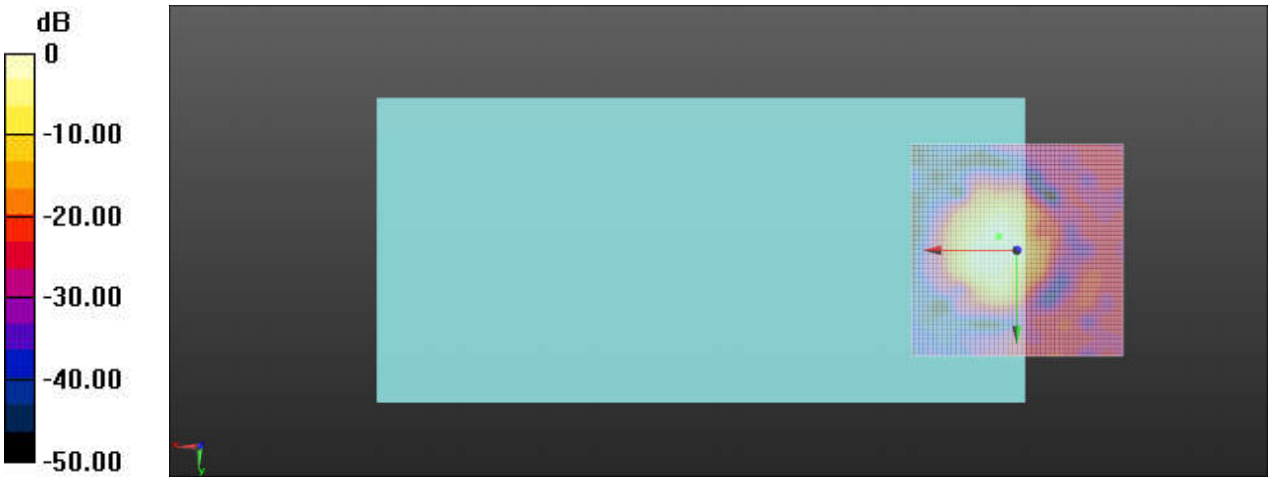
14_HAC T-Coil_LTE Band 41_20M_QPSK_100RB_0Offset_Ch40620_Z

Communication System: UID 0, LTE (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

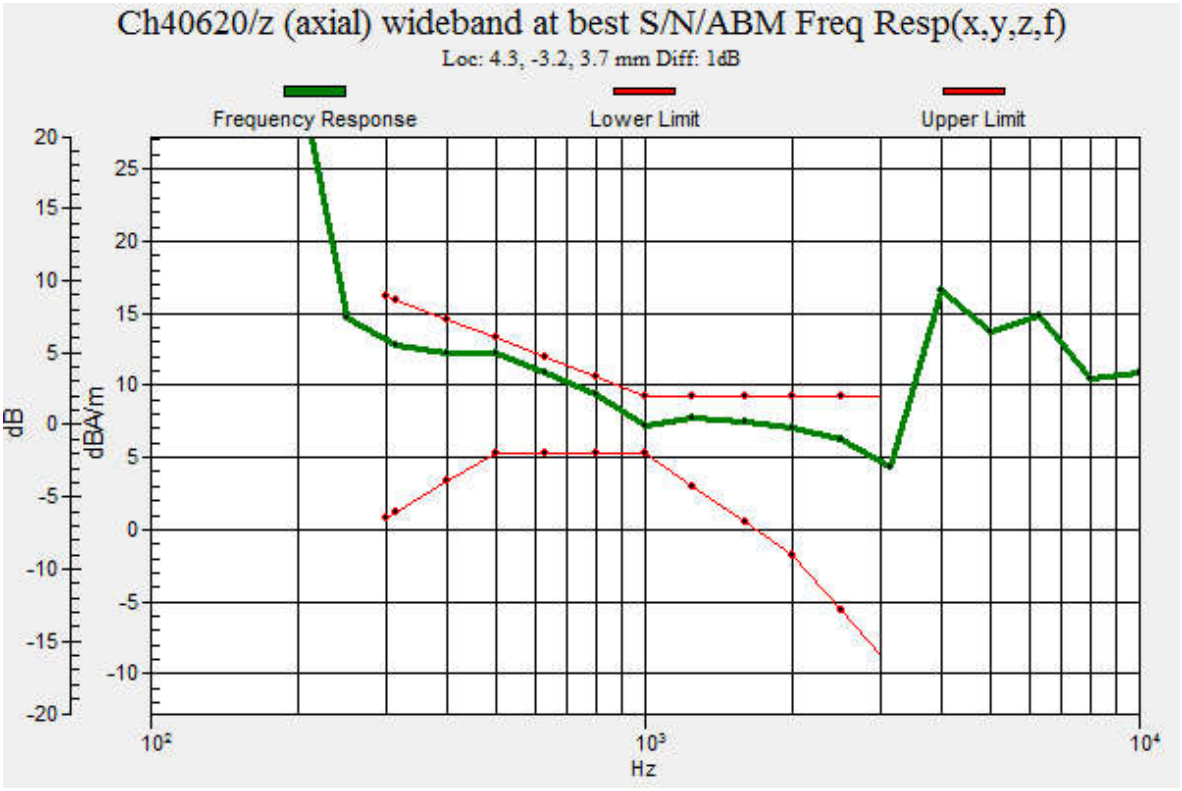
DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch40620/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 = 43.15 dB
ABM1 comp = 4.87 dBA/m
Location: 4.2, -3.3, 3.7 mm



0 dB = 143.8 = 43.16 dB


Ch40620/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 4.3, -3.2, 3.7 mm Diff: 1dB
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

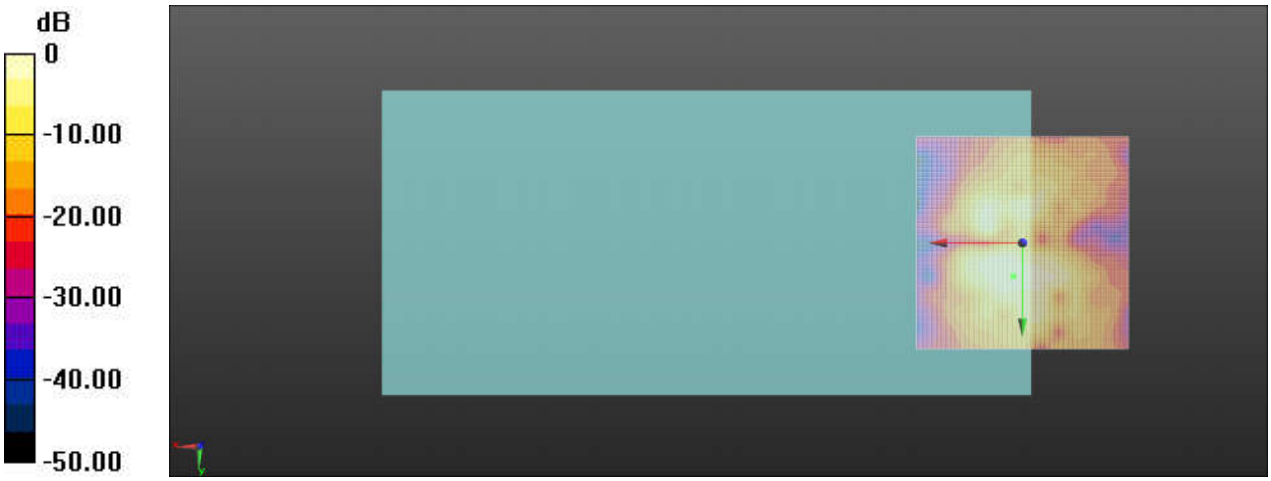
14_HAC T-Coil_LTE Band 41_20M_QPSK_100RB_0Offset_Ch40620_Y

Communication System: UID 0, LTE (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch40620/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 = 43.89 dB
ABM1 comp = -2.91 dBA/m
Location: 2.1, 7.9, 3.7 mm



0 dB = 156.5 = 43.89 dB

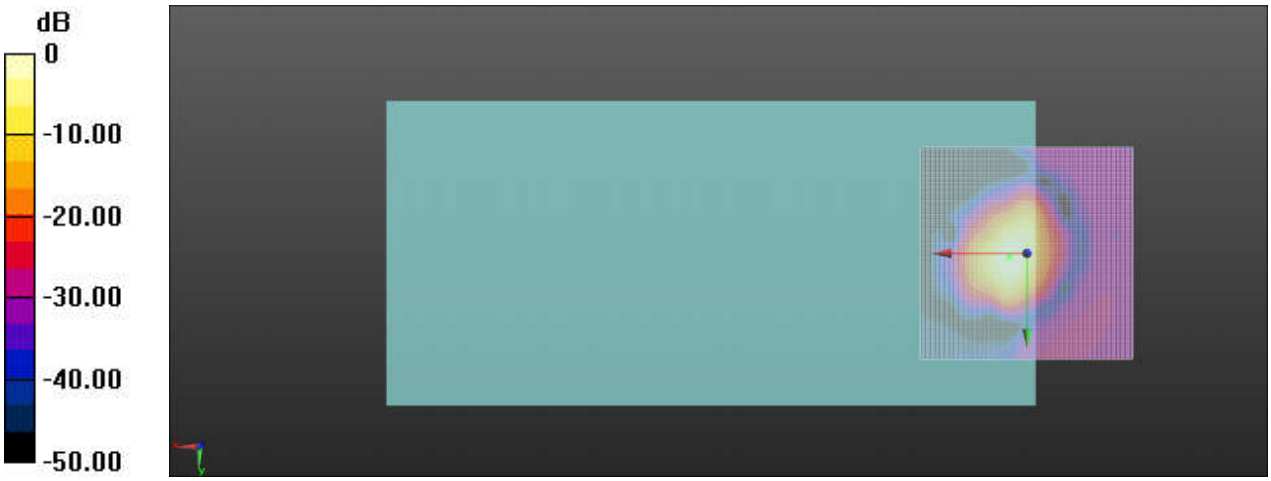
15_HAC T-Coil_LTE Band 48_20M_QPSK_100RB_0Offset_Ch55830_Z

Communication System: UID 0, LTE (0); Frequency: 3609 MHz;Duty Cycle: 1:1.59
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

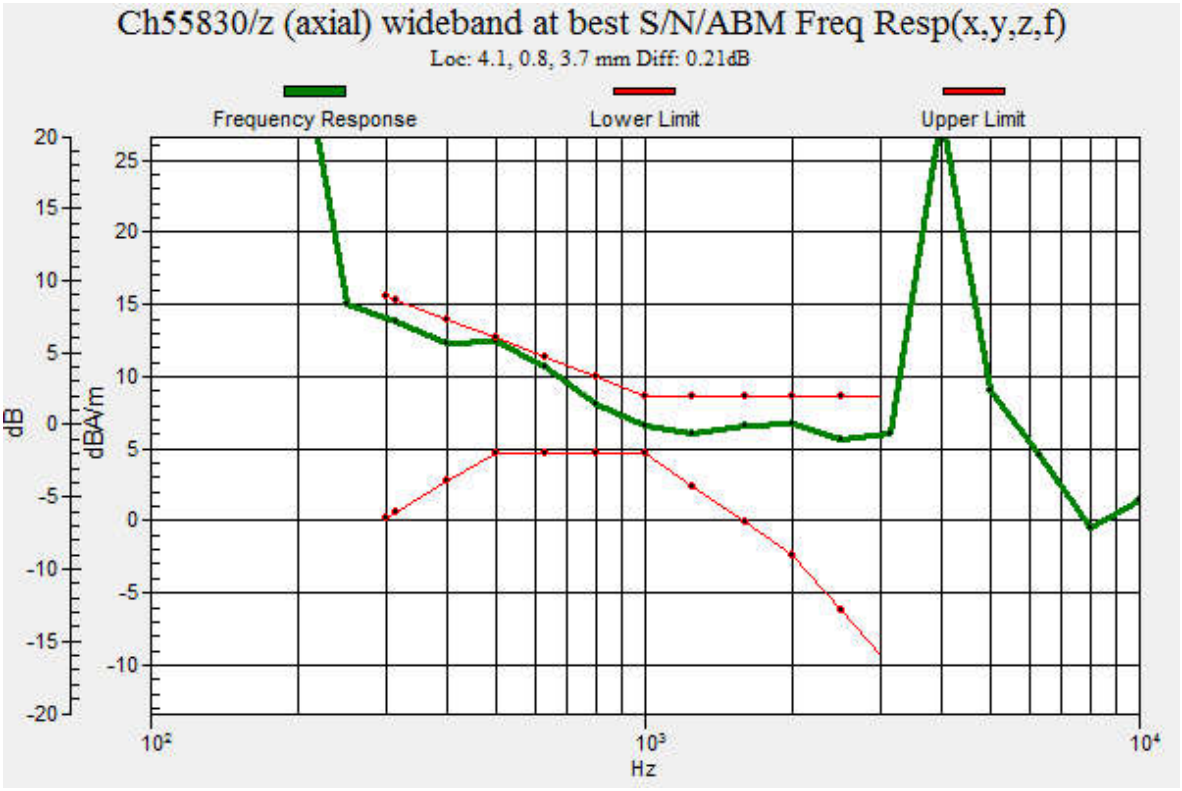
DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch55830/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 = 54.39 dB
ABM1 comp = 9.43 dBA/m
Location: 4.2, 0.8, 3.7 mm



0 dB = 524.2 = 54.39 dB


Ch55830/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 4.1, 0.8, 3.7 mm Diff: 0.21dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
Hz

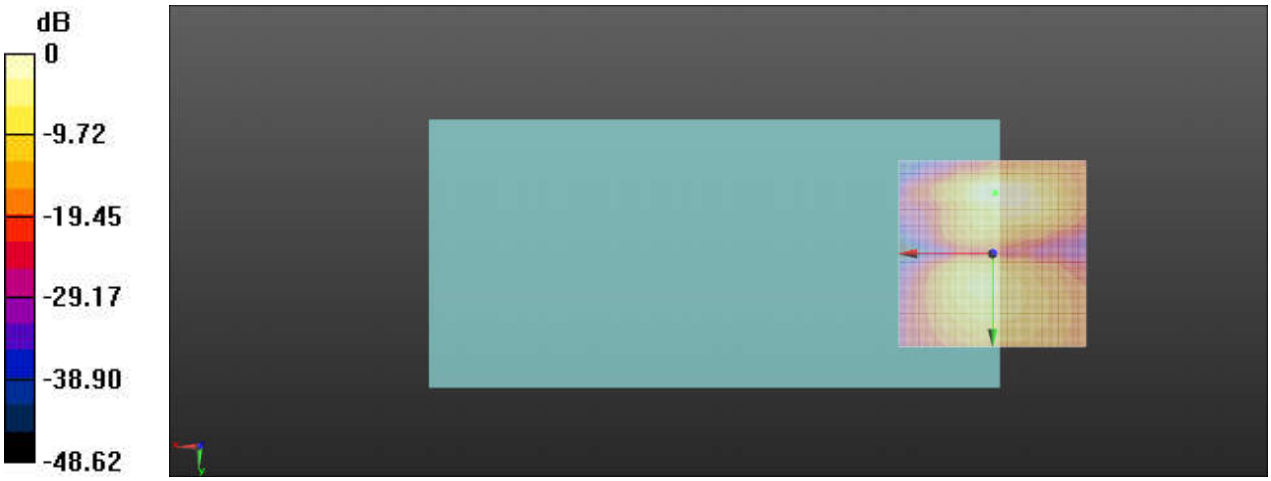
15_HAC T-Coil_LTE Band 48_20M_QPSK_100RB_0Offset_Ch55830_Y

Communication System: UID 0, LTE (0); Frequency: 3609 MHz;Duty Cycle: 1:1.59
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch55830/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 = -4.45 dBA/m
Location: -0.8, -16.3, 3.7 mm



0 dB = 149.7 = 43.50 dB

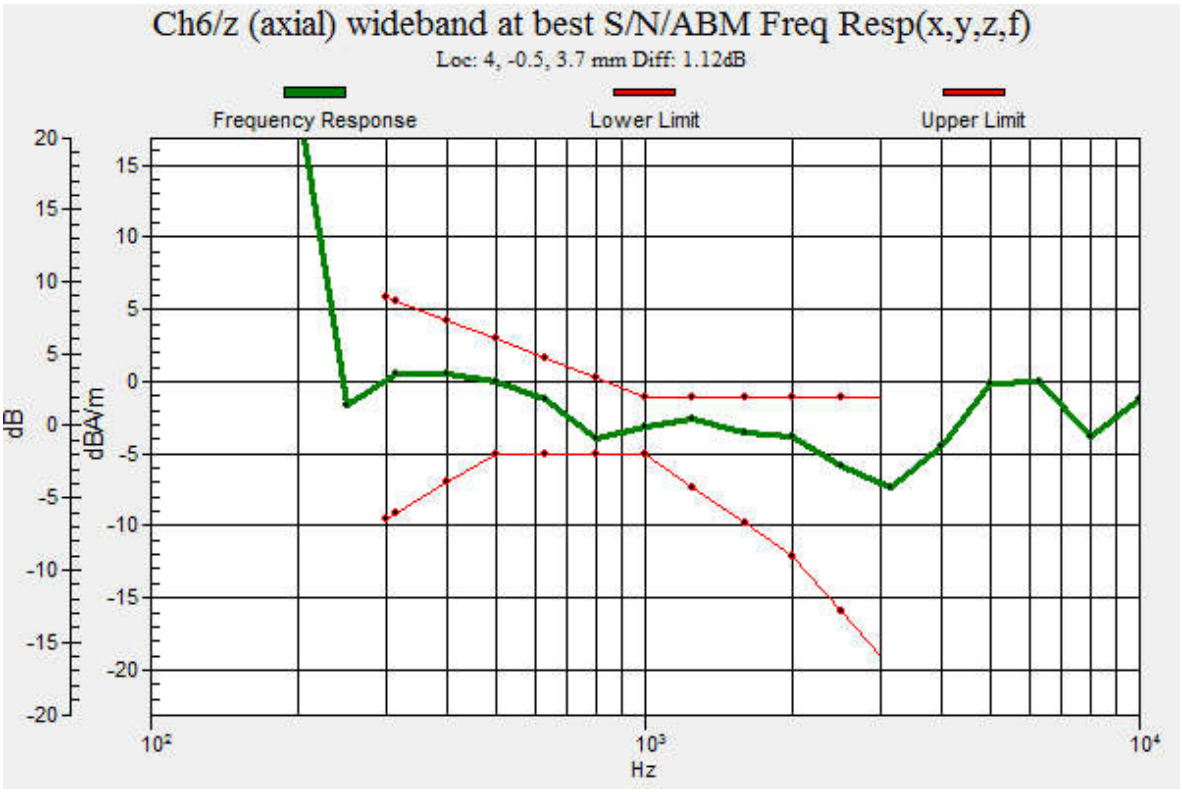
16_HAC T-Coil_WLAN 2.4GHz_802.11n HT40 MCS7_Ch6_Z

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1.004
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch6/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 = 40.71 dB
ABM1 comp = -6.06 dBA/m
Location: 3.8, -0.4, 3.7 mm

0 dB = 108.5 = 40.71 dB


Ch6/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 4, -0.5, 3.7 mm Diff: 1.12dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
Hz
20
15
10
5
0
-5
-10
-15
-20
10^2
10^3
10^4

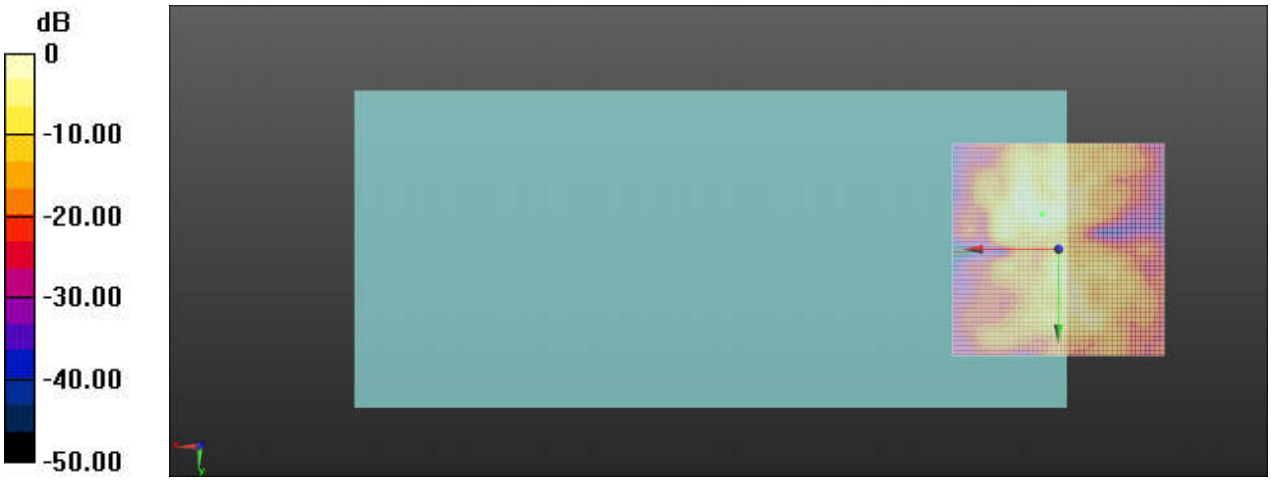
16_HAC T-Coil_WLAN 2.4GHz_802.11n HT40 MCS7_Ch6_Y

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1.004
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch6/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 = 42.44 dB
ABM1 comp = -6.38 dBA/m
Location: 3.8, -8.3, 3.7 mm



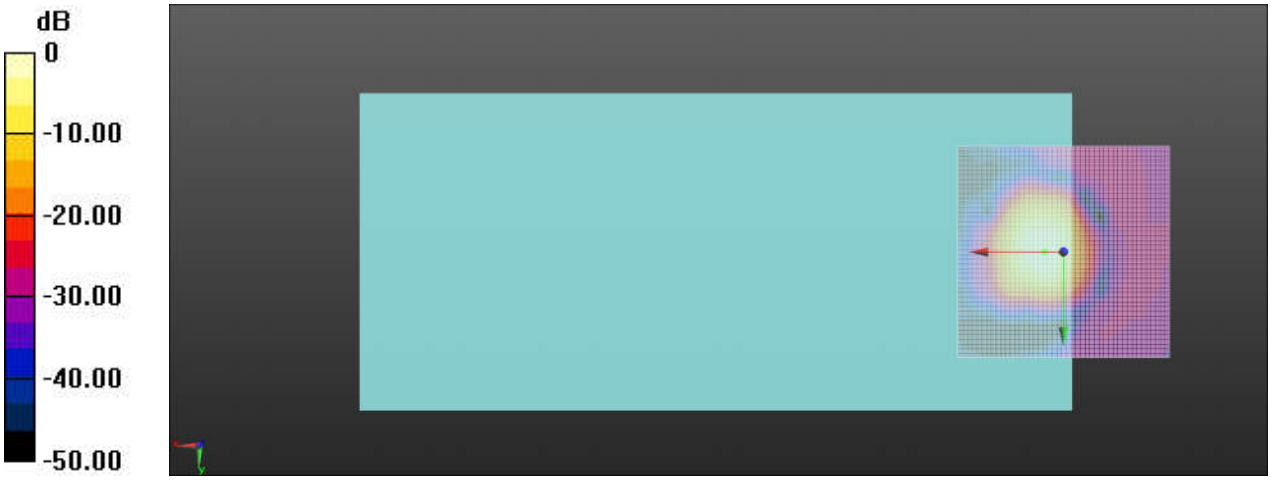
0 dB = 132.4 = 42.44 dB

17_HAC T-Coil_WLAN 5GHz_802.11n HT40 MCS7_Ch38_Z

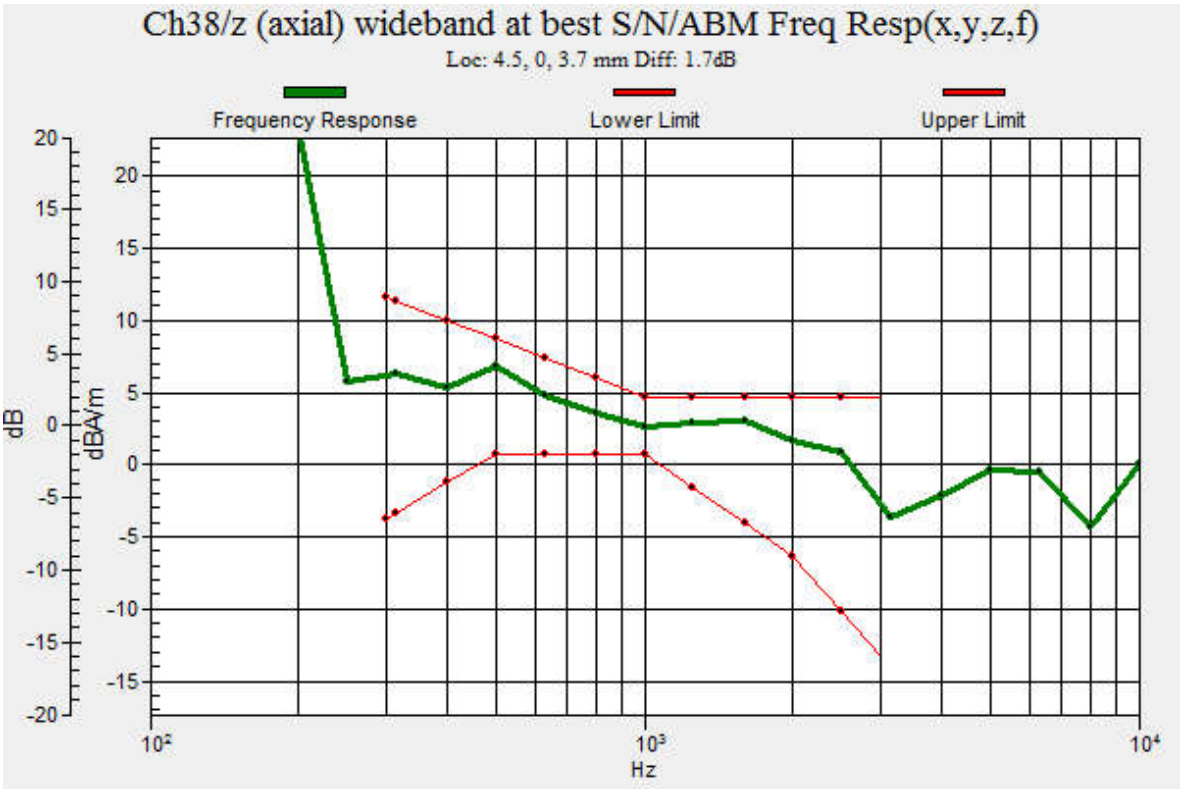
Communication System: UID 0, WIFI (0); Frequency: 5190 MHz;Duty Cycle: 1:1.006
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch38/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 = 48.43 dB
ABM1 comp = 2.32 dBA/m
Location: 4.6, 0, 3.7 mm



0 dB = 264.0 = 48.43 dB


Ch38/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 4.5, 0, 3.7 mm Diff: 1.7dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
20
15
10
5
0
-5
-10
-15
-20
10^2
10^3
10^4
Hz

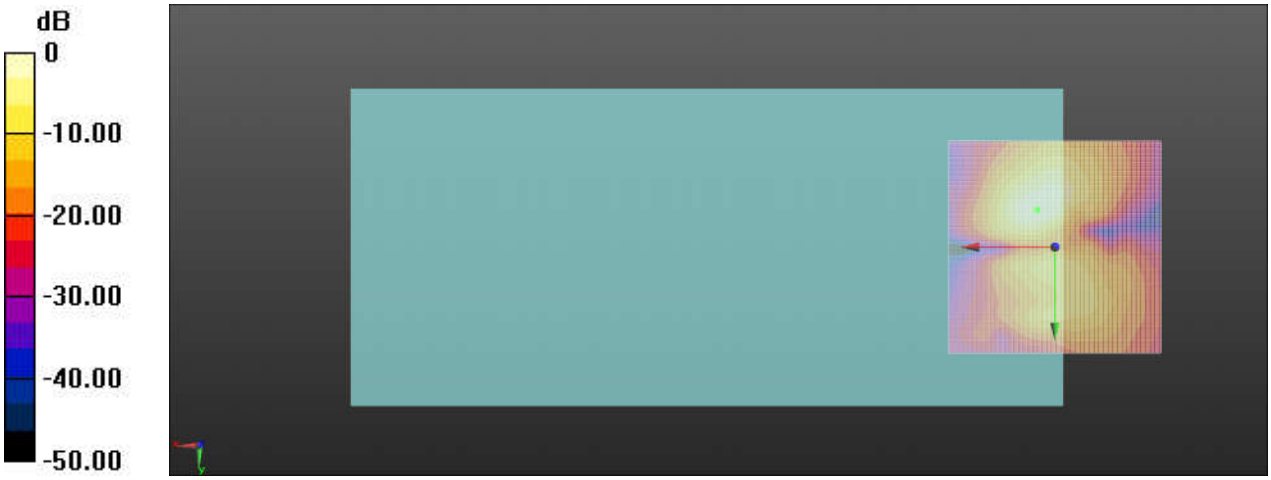
17_HAC T-Coil_WLAN 5GHz_802.11n HT40 MCS7_Ch38_Y

Communication System: UID 0, WIFI (0); Frequency: 5190 MHz;Duty Cycle: 1:1.006
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch38/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 = 49.44 dB
ABM1 comp = 0.77 dBA/m
Location: 4.2, -8.8, 3.7 mm



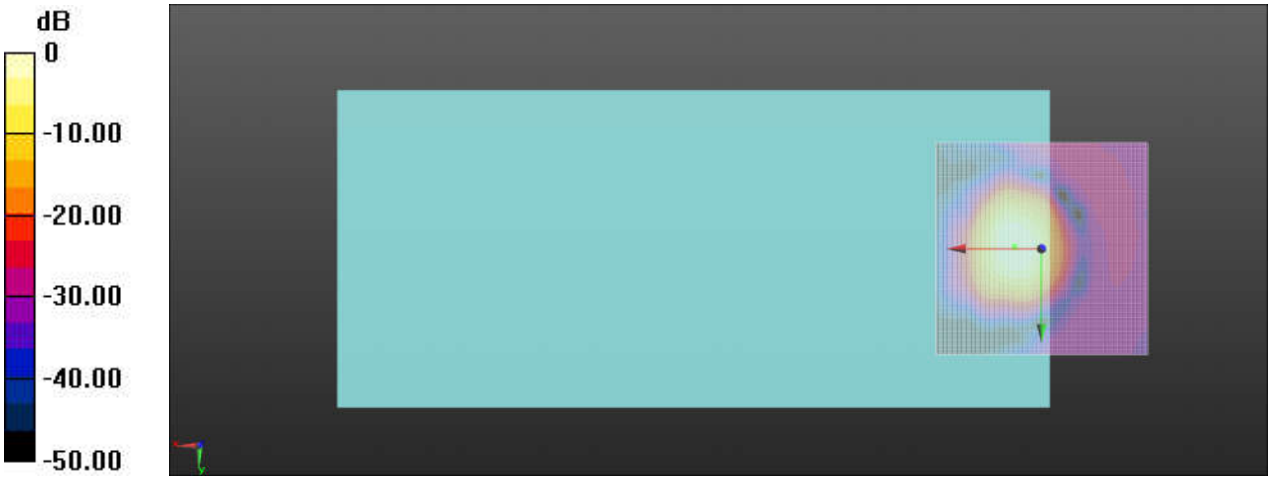
0 dB = 296.4 = 49.44 dB

18_HAC T-Coil_WLAN 5GHz_802.11n HT40 MCS7_Ch54_Z

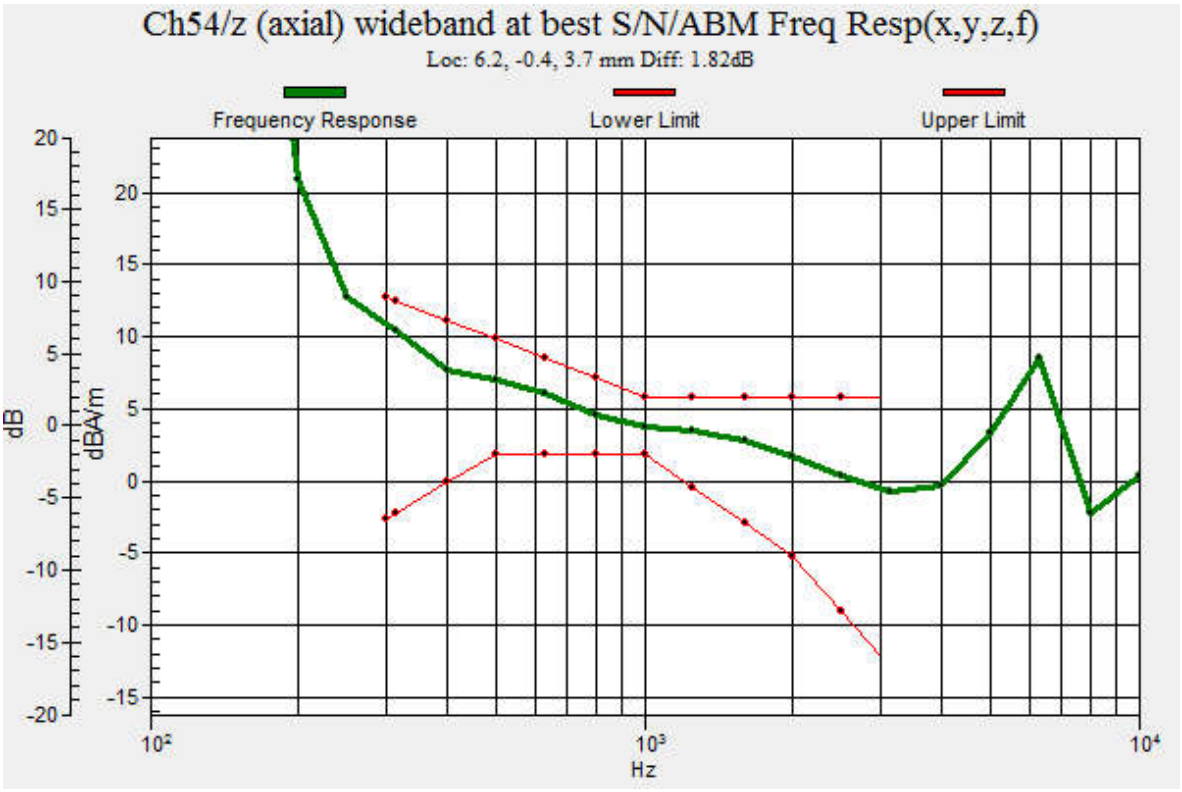
Communication System: UID 0, WIFI (0); Frequency: 5270 MHz;Duty Cycle: 1:1.006
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch54/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 = 48.70 dB
ABM1 comp = 2.89 dBA/m
Location: 6.3, -0.4, 3.7 mm



0 dB = 272.4 = 48.70 dB


Ch54/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 6.2, -0.4, 3.7 mm Diff: 1.82dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
Hz
20
15
10
5
0
-5
-10
-15
-20
10^2
10^3
10^4

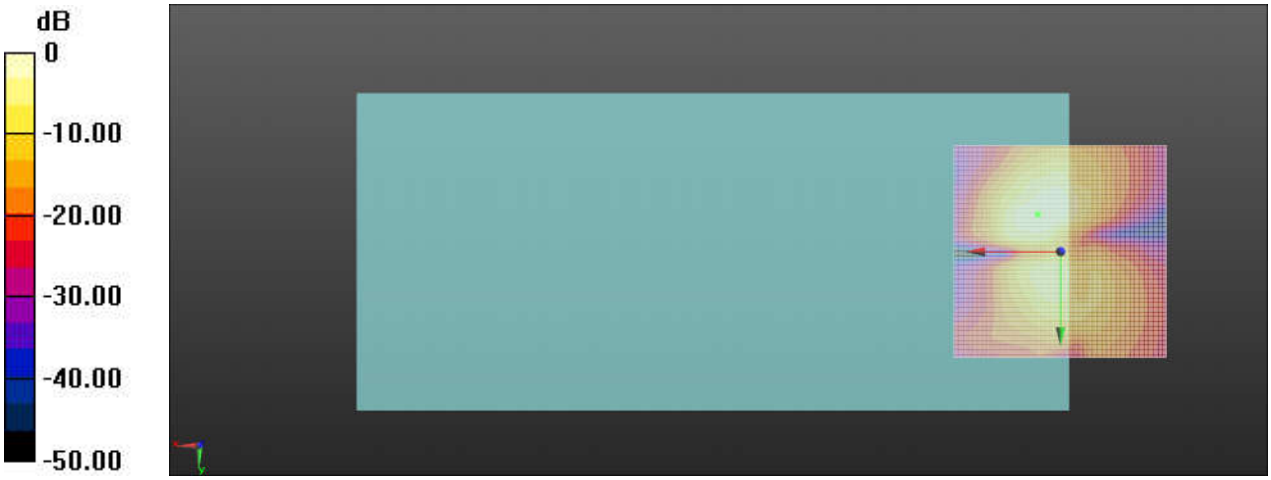
18_HAC T-Coil_WLAN 5GHz_802.11n HT40 MCS7_Ch54_Y

Communication System: UID 0, WIFI (0); Frequency: 5270 MHz;Duty Cycle: 1:1.006
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch54/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 = 49.44 dB
ABM1 comp = 0.37 dBA/m
Location: 5.4, -8.8, 3.7 mm



0 dB = 296.6 = 49.44 dB

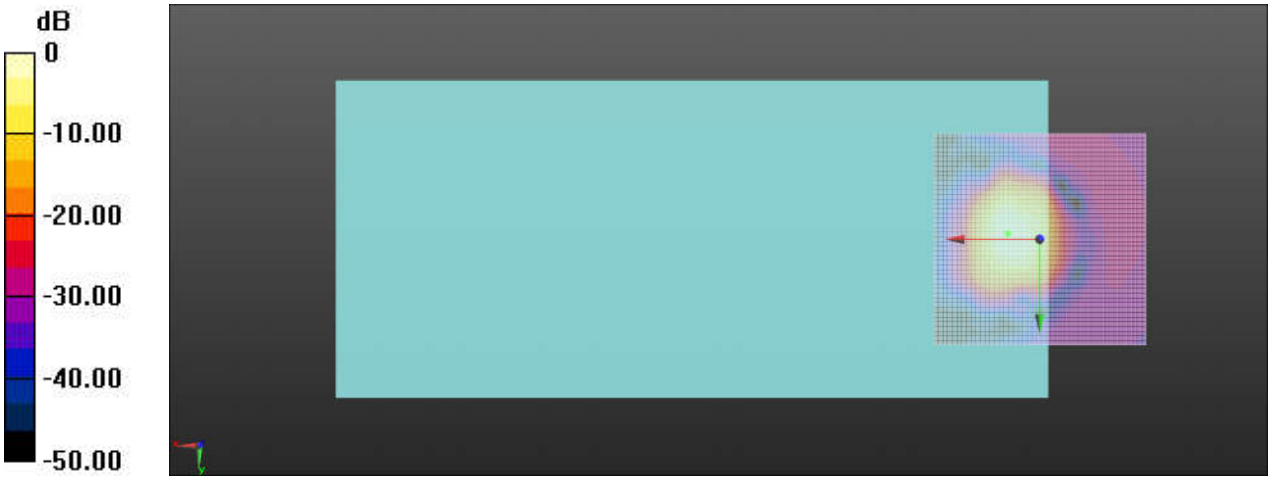
19_HAC T-Coil_WLAN 5GHz_802.11n HT40 MCS7_Ch110_Z

Communication System: UID 0, WIFI (0); Frequency: 5550 MHz;Duty Cycle: 1:1.006
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

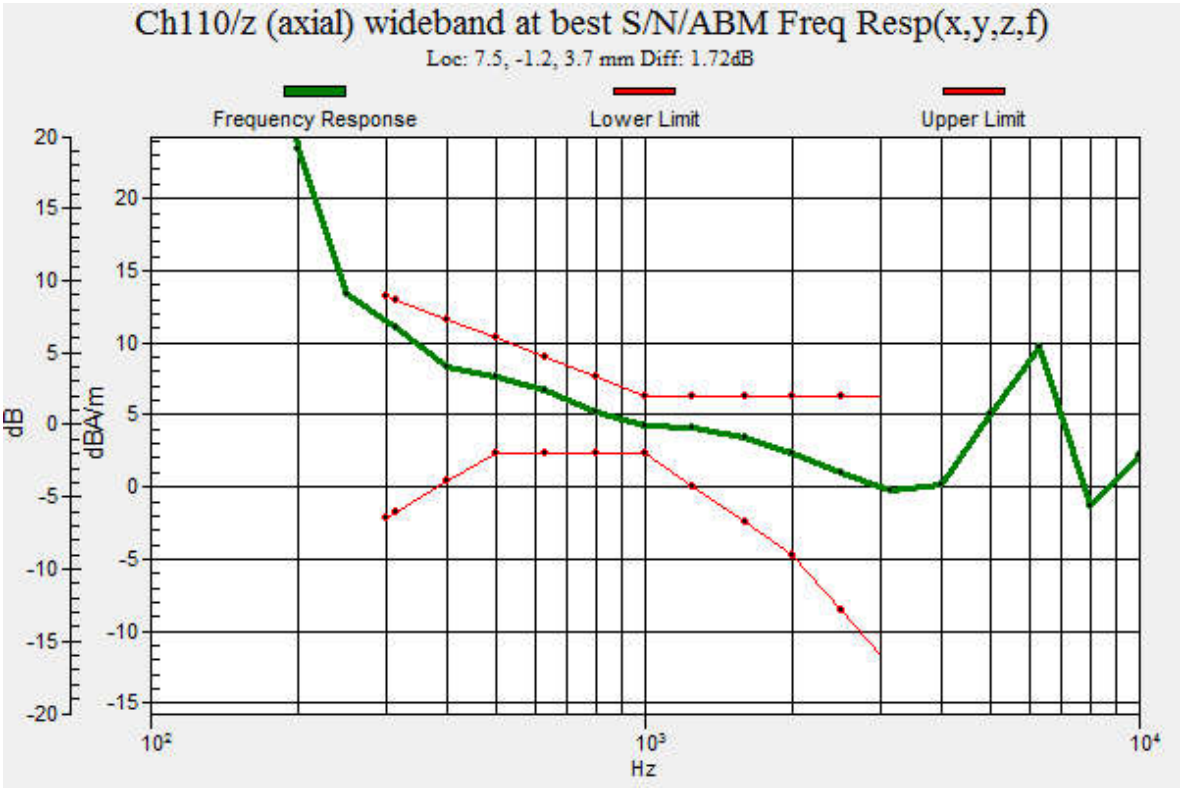
DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch110/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 = 48.54 dB
ABM1 comp = 3.73 dBA/m
Location: 7.5, -1.3, 3.7 mm



0 dB = 267.4 = 48.54 dB


Ch110/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 7.5, -1.2, 3.7 mm Diff: 1.72dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
Hz
20
15
10
5
0
-5
-10
-15
-20
10^2
10^3
10^4

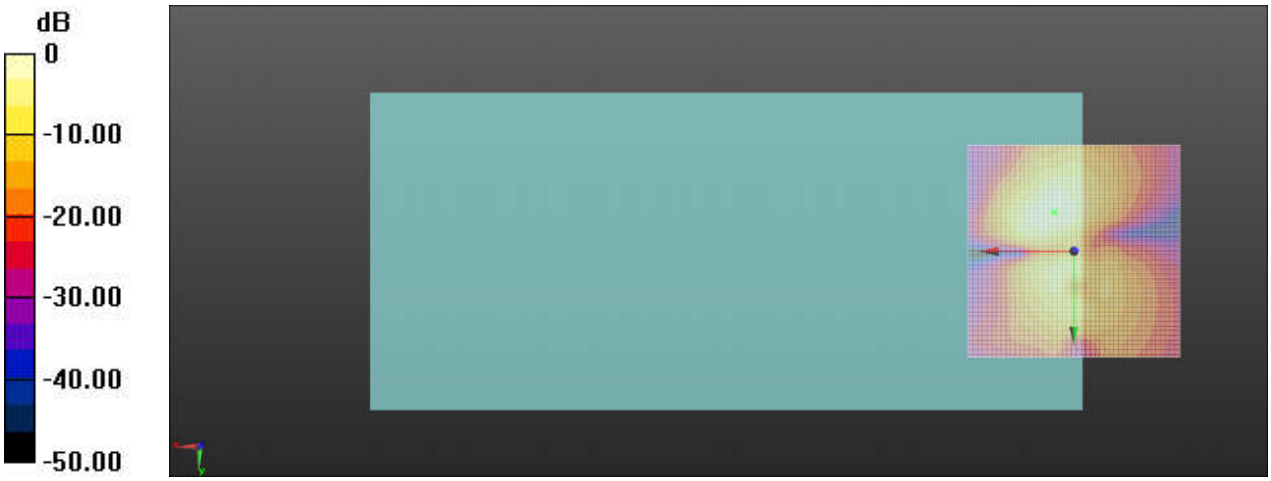
19_HAC T-Coil_WLAN 5GHz_802.11n HT40 MCS7_Ch110_Y

Communication System: UID 0, WIFI (0); Frequency: 5550 MHz;Duty Cycle: 1:1.006
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch110/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 = 50.27 dB
ABM1 comp = -0.15 dBA/m
Location: 4.6, -9.2, 3.7 mm



0 dB = 326.3 = 50.27 dB

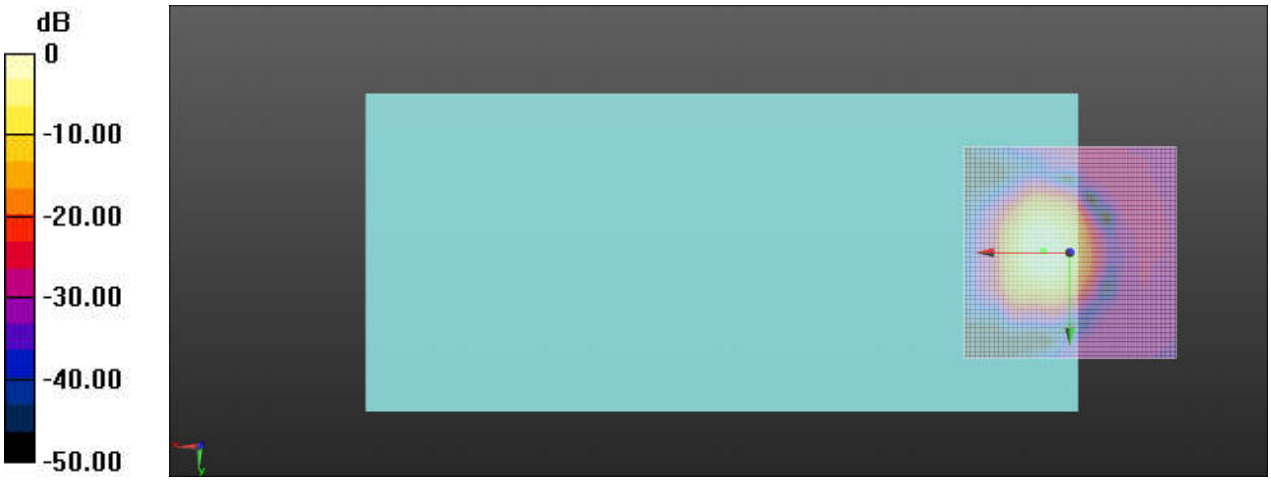
20_HAC T-Coil_WLAN 5GHz_802.11n HT40 MCS7_Ch159_Z

Communication System: UID 0, WIFI (0); Frequency: 5795 MHz;Duty Cycle: 1:1.006
Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\varepsilon_r = 1$; $\rho = 0$ kg/m^3
Ambient Temperature：23.4 ℃

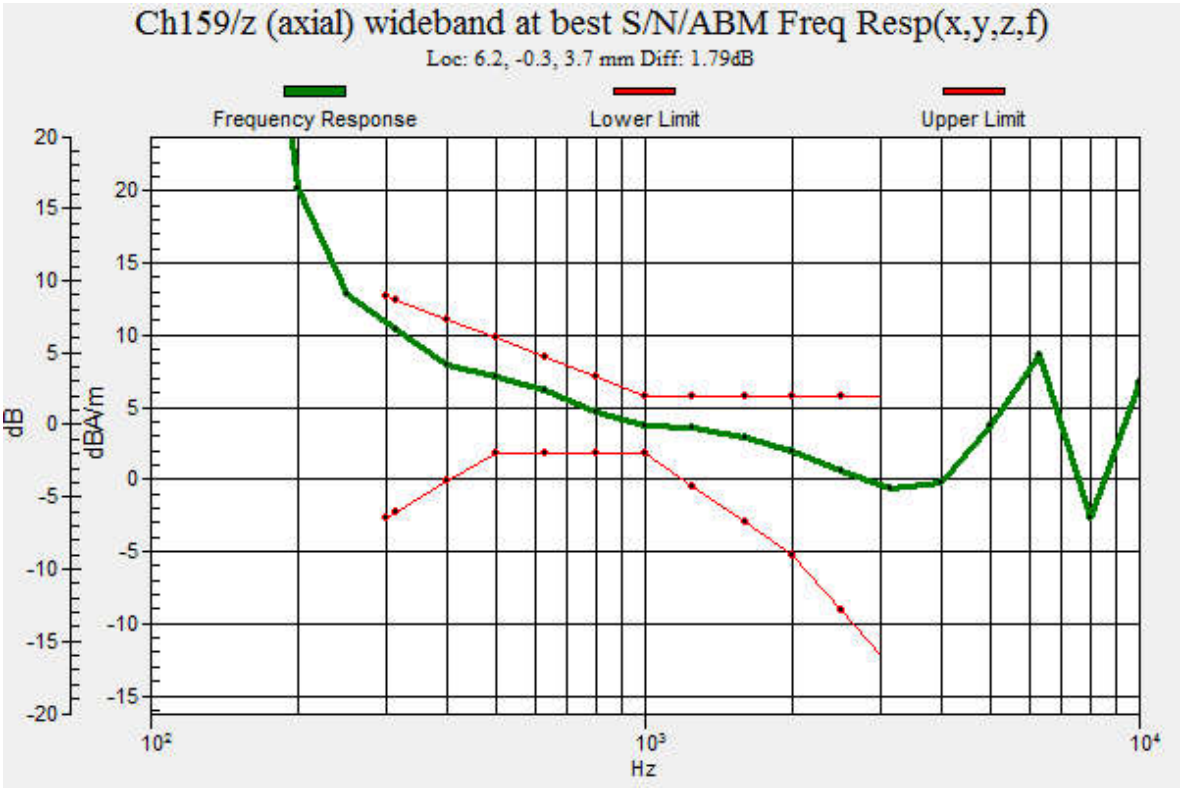
DASY5 Configuration:
- Probe: AM1DV3 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch159/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 = 49.04 dB
ABM1 comp = 2.99 dBA/m
Location: 6.3, -0.4, 3.7 mm



0 dB = 283.2 = 49.04 dB


Ch159/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f)
Loc: 6.2, -0.3, 3.7 mm Diff: 1.79dB
Frequency Response
Lower Limit
Upper Limit
dB
dBA/m
Hz
20
15
10
5
0
-5
-10
-15
-20
10^2
10^3
10^4

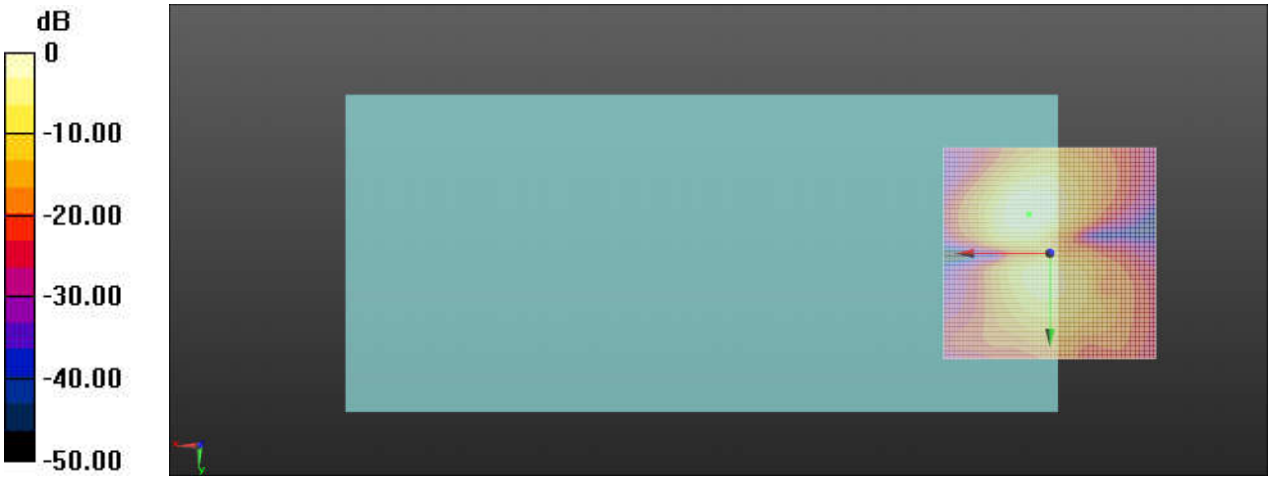
20_HAC T-Coil_WLAN 5GHz_802.11n HT40 MCS7_Ch159_Y

Communication System: UID 0, WIFI (0); Frequency: 5795 MHz;Duty Cycle: 1:1.006
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 - 3128; ; Calibrated: 2022/7/19
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1664; Calibrated: 2022/5/30
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Ch159/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm,
ABM1/ABM2 = 50.37 dB
ABM1 comp = 0.30 dBA/m
Location: 5, -9.2, 3.7 mm



0 dB = 330.2 = 50.38 dB