

W-CDMA Band II

Communication System: UID 0, @UMTS-FDD (WCDMA) (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1

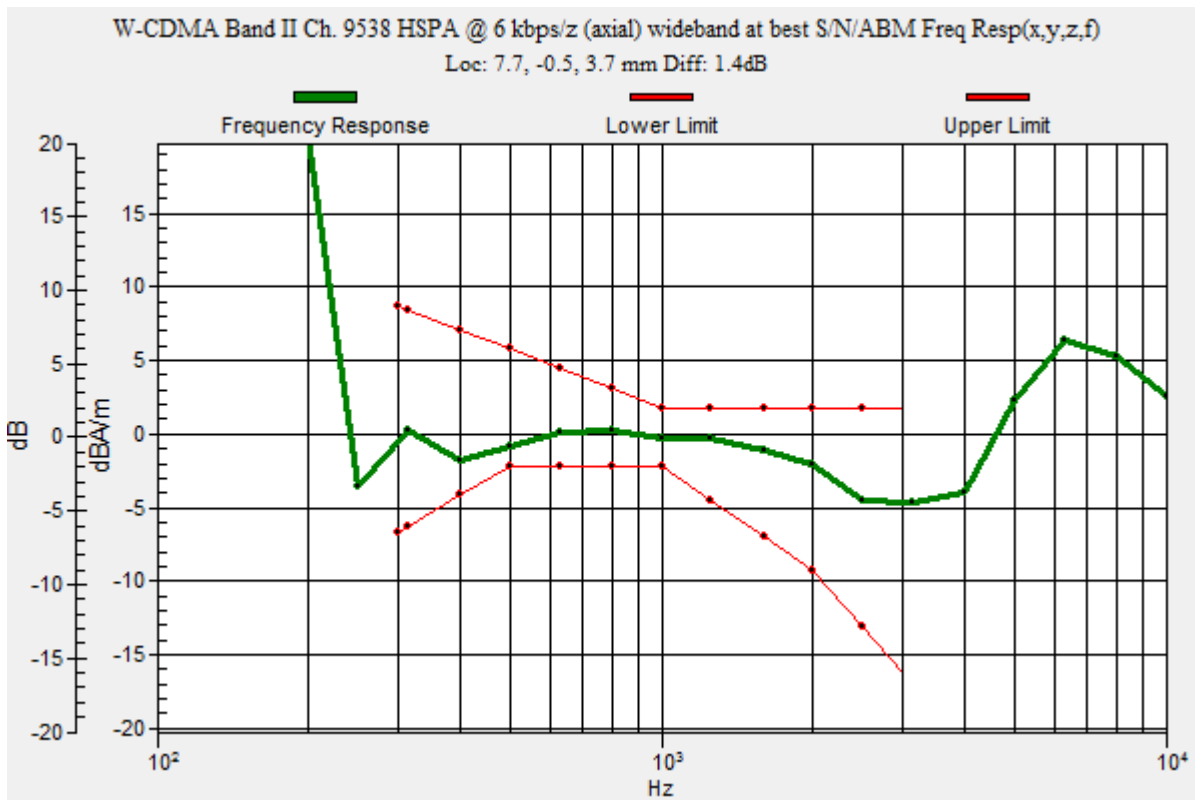
T-Coil scan (scan for ANSI C63.19 2011 compliance)/W-CDMA Band II Ch. 9538 HSPA @ 64 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid:
 dx=10mm, dy=10mm
 Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
 Output Gain: 36.27
 Measure Window Start: 300ms
 Measure Window Length: 2000ms
 BWC applied: 10.80 dB
 Device Reference Point: 0, 0, -6.3 mm

Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

Cursor:

Diff = 1.40 dB
 BWC Factor = 10.80 dB
 Location: 7.7, -0.5, 3.7 mm



W-CDMA Band II

Communication System: UID 0, @UMTS-FDD (WCDMA) (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/W-CDMA Band II Ch. 9538 HSPA @ 64 kbps/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 35.21 dB

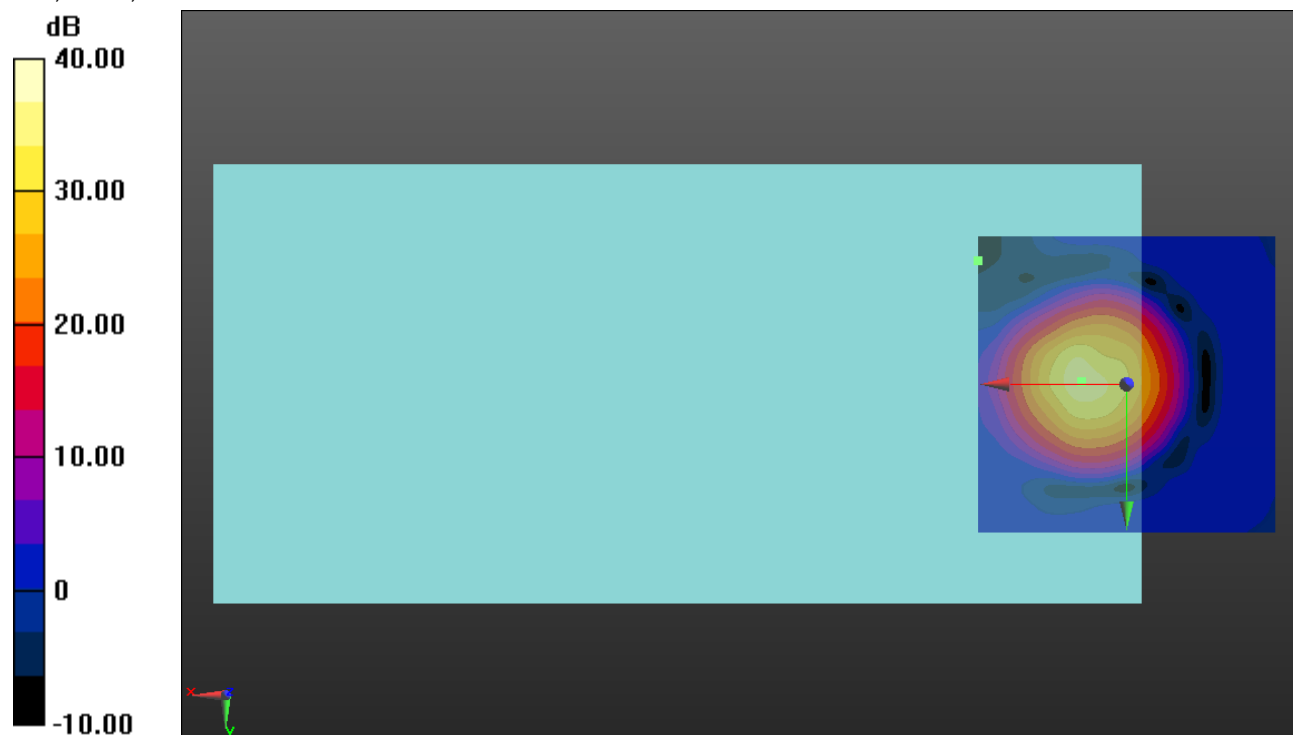
ABM1 comp = -3.81 dBA/m

BWC Factor = 0.16 dB

Location: 7.5, -0.4, 3.7 mm

ABM2 = -25.97 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

W-CDMA Band II

Communication System: UID 0, @UMTS-FDD (WCDMA) (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/W-CDMA Band II Ch. 9538 HSPA @ 64 kbps/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 30.94 dB

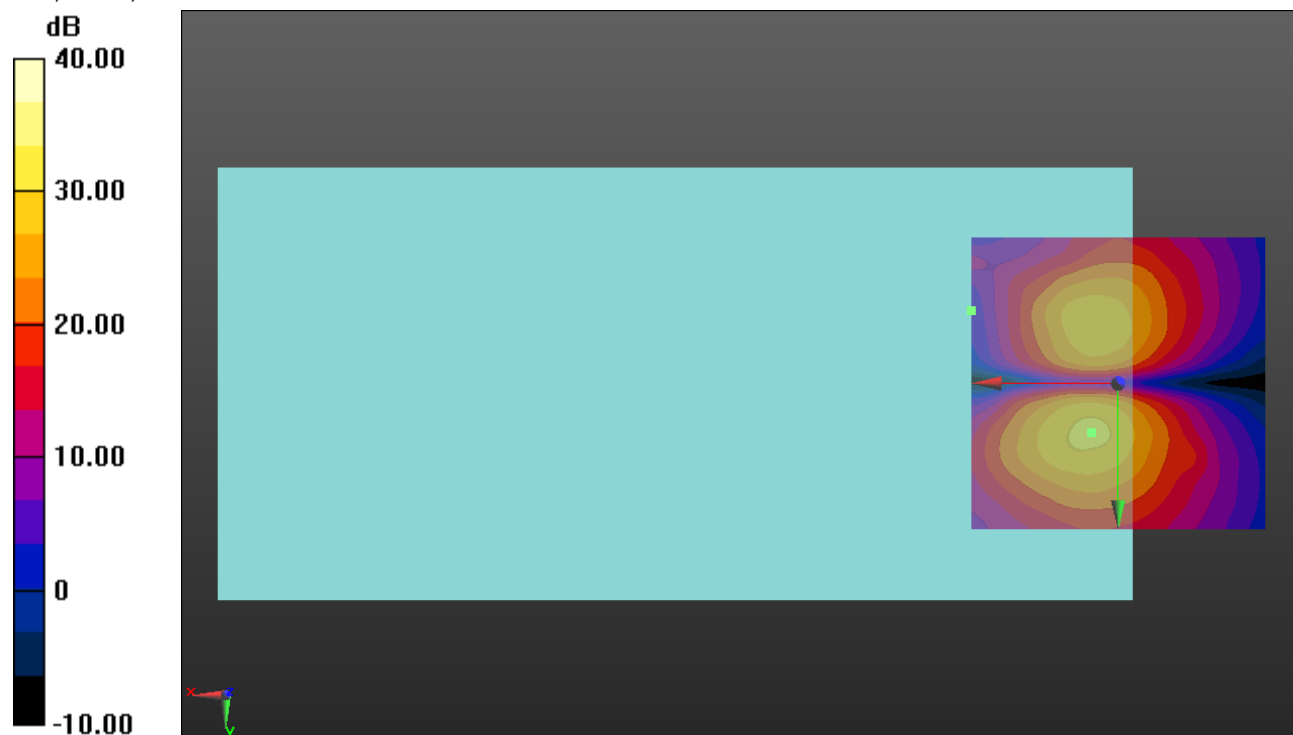
ABM1 comp = -12.35 dBA/m

BWC Factor = 0.16 dB

Location: 4.6, 8.3, 3.7 mm

ABM2 = -31.52 dBA/m

Location: 25, -12.5, 3.7 mm



0 dB = 1.000 = 0.00 dB

W-CDMA Band IV

Communication System: UID 0, @UMTS-FDD (WCDMA) (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1

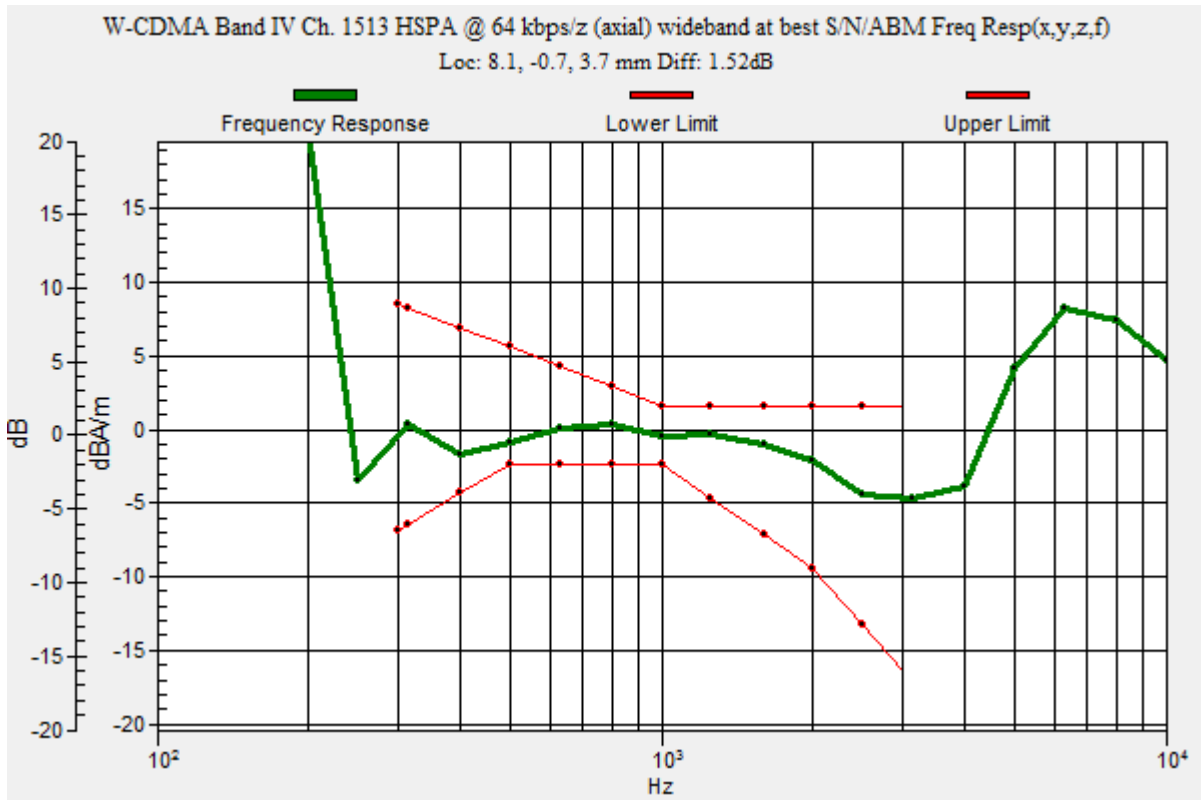
T-Coil scan (scan for ANSI C63.19 2011 compliance)/W-CDMA Band IV Ch. 1513 HSPA @ 64 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
 Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
 Output Gain: 36.27
 Measure Window Start: 300ms
 Measure Window Length: 2000ms
 BWC applied: 10.80 dB
 Device Reference Point: 0, 0, -6.3 mm

Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

Cursor:

Diff = 1.52 dB
 BWC Factor = 10.80 dB
 Location: 8.1, -0.7, 3.7 mm



W-CDMA Band IV

Communication System: UID 0, @UMTS-FDD (WCDMA) (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/W-CDMA Band IV Ch. 1513 HSPA @ 64 kbps/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 34.63 dB

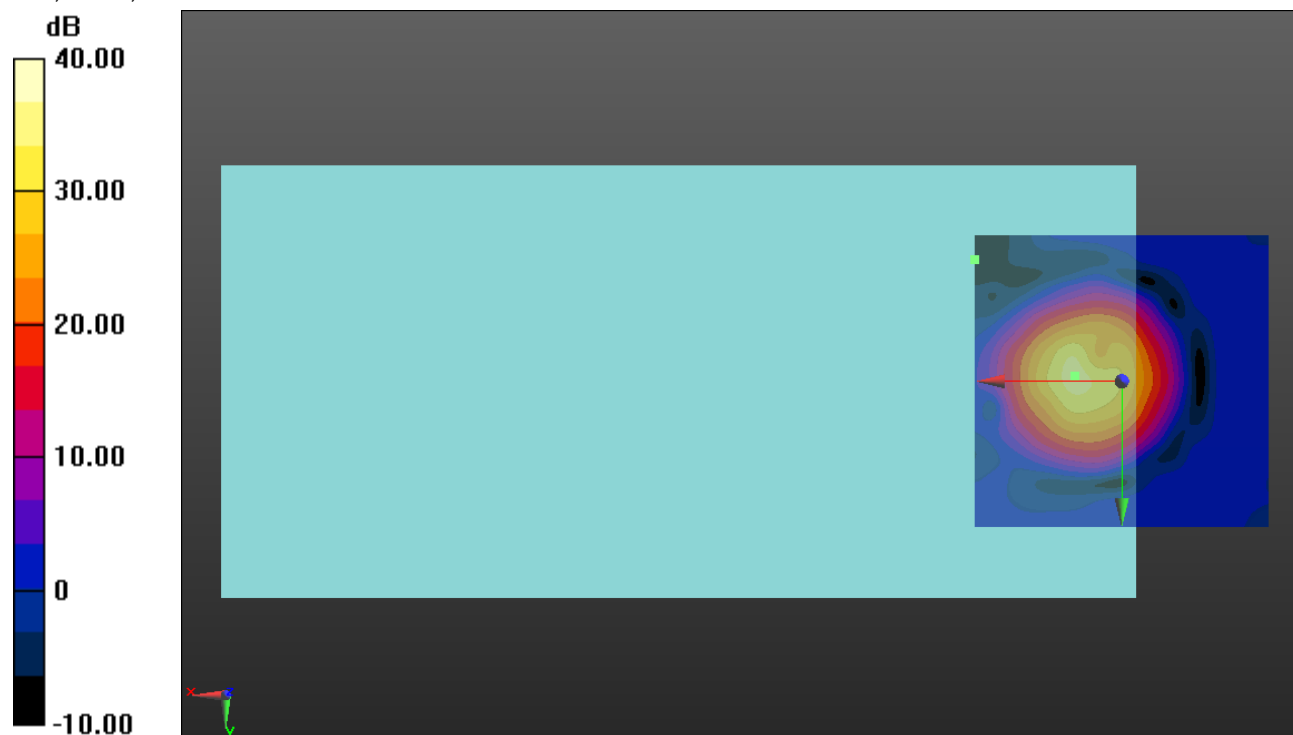
ABM1 comp = -3.76 dBA/m

BWC Factor = 0.16 dB

Location: 7.9, -0.8, 3.7 mm

ABM2 = -23.23 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

W-CDMA Band IV

Communication System: UID 0, @UMTS-FDD (WCDMA) (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/W-CDMA Band IV Ch. 1513 HSPA @ 64 kbps/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 30.38 dB

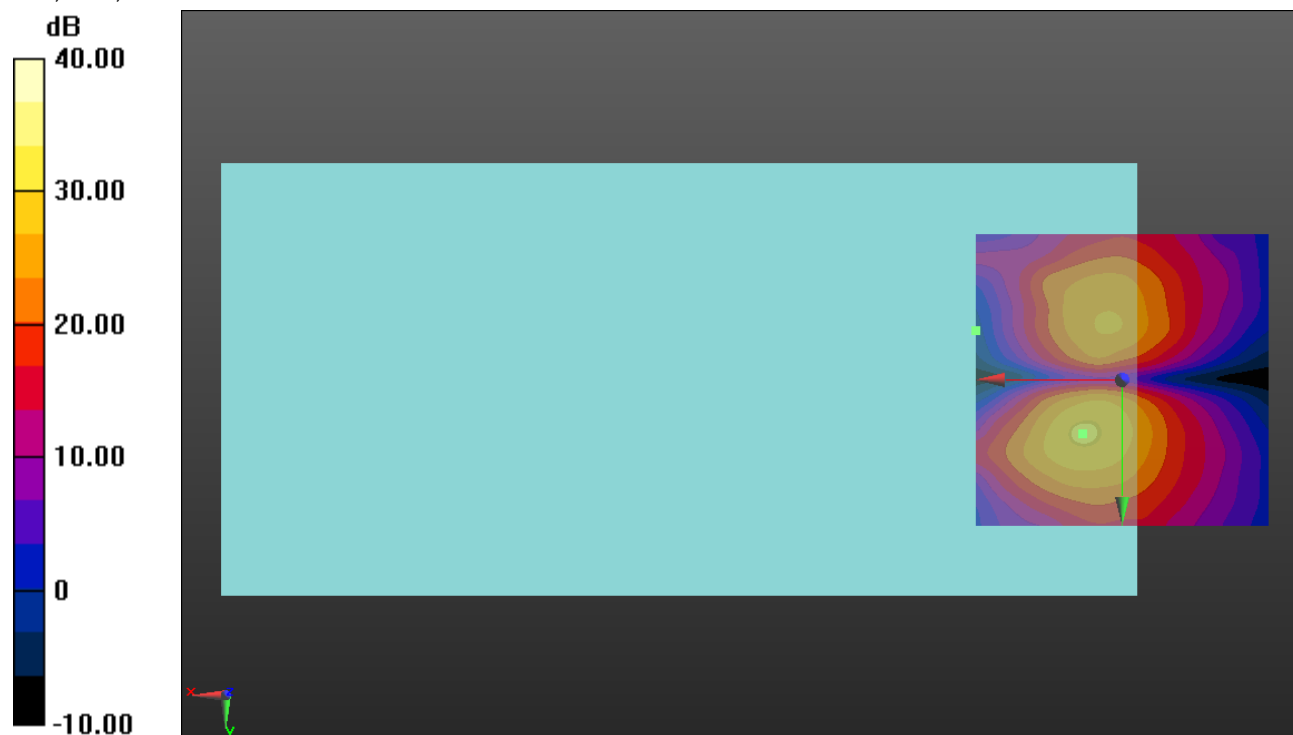
ABM1 comp = -12.08 dBA/m

BWC Factor = 0.16 dB

Location: 6.7, 9.2, 3.7 mm

ABM2 = -25.22 dBA/m

Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

W-CDMA Band V

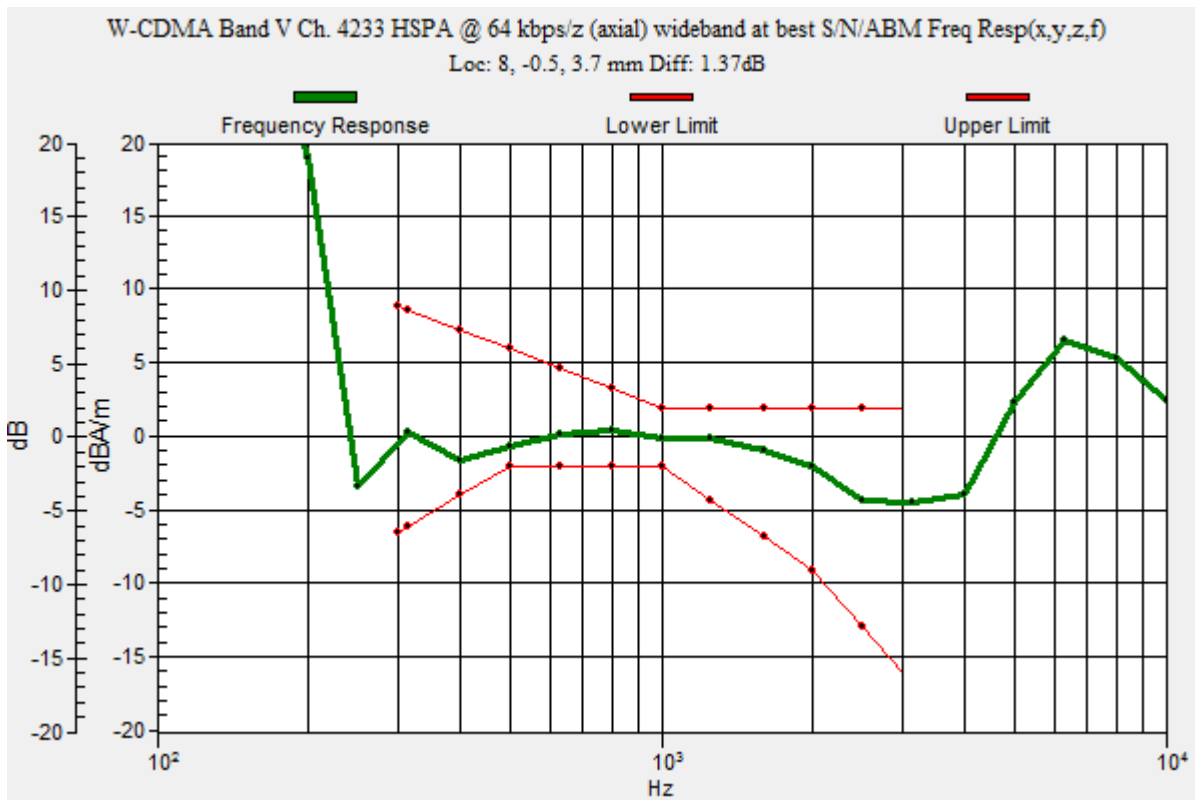
Communication System: UID 0, @UMTS-FDD (WCDMA) (0); Frequency: 846.6 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/W-CDMA Band V Ch. 4233 HSPA @ 64 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
 Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
 Output Gain: 36.27
 Measure Window Start: 300ms
 Measure Window Length: 2000ms
 BWC applied: 10.80 dB
 Device Reference Point: 0, 0, -6.3 mm

Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

Cursor:
 Diff = 1.37 dB
 BWC Factor = 10.80 dB
 Location: 8, -0.5, 3.7 mm



W-CDMA Band V

Communication System: UID 0, @UMTS-FDD (WCDMA) (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/W-CDMA Band V Ch. 4233 HSPA @ 64 kbps/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 35.26 dB

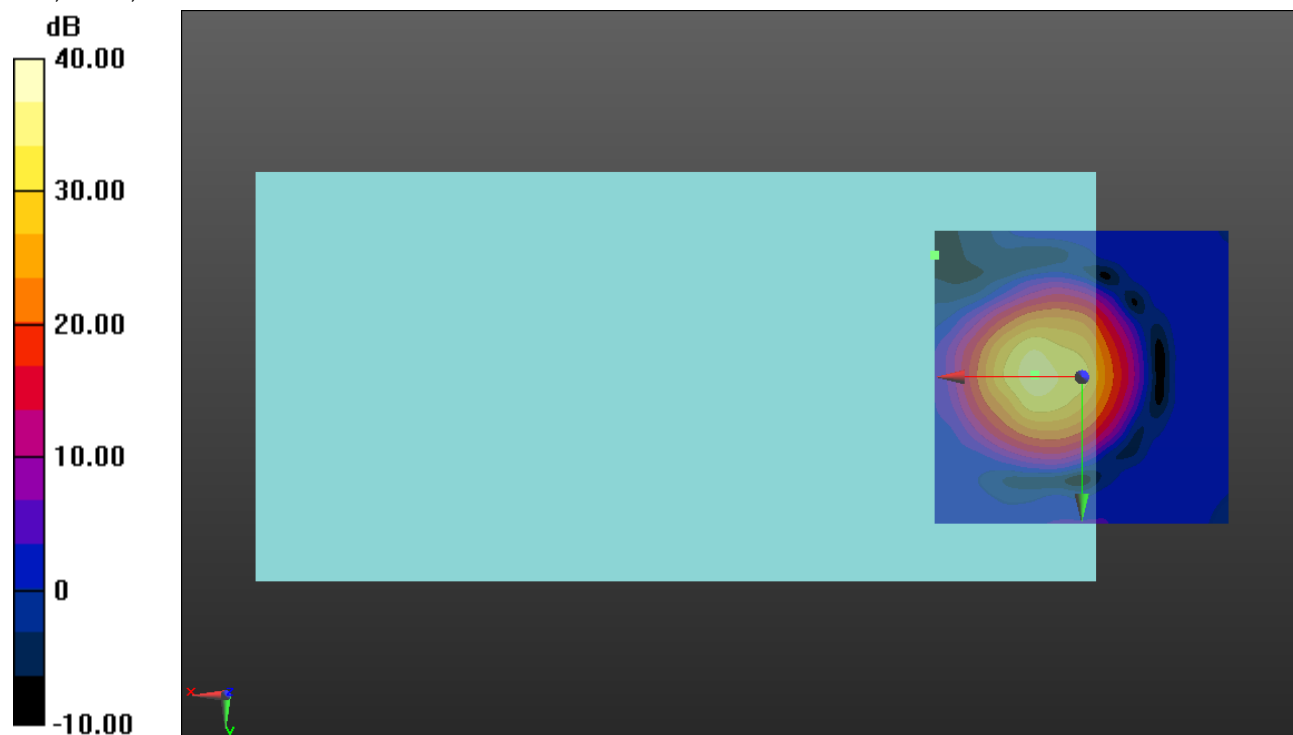
ABM1 comp = -3.82 dBA/m

BWC Factor = 0.16 dB

Location: 7.9, -0.4, 3.7 mm

ABM2 = -24.85 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

W-CDMA Band V

Communication System: UID 0, @UMTS-FDD (WCDMA) (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/W-CDMA Band V Ch. 4233 HSPA @ 64 kbps/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 31.62 dB

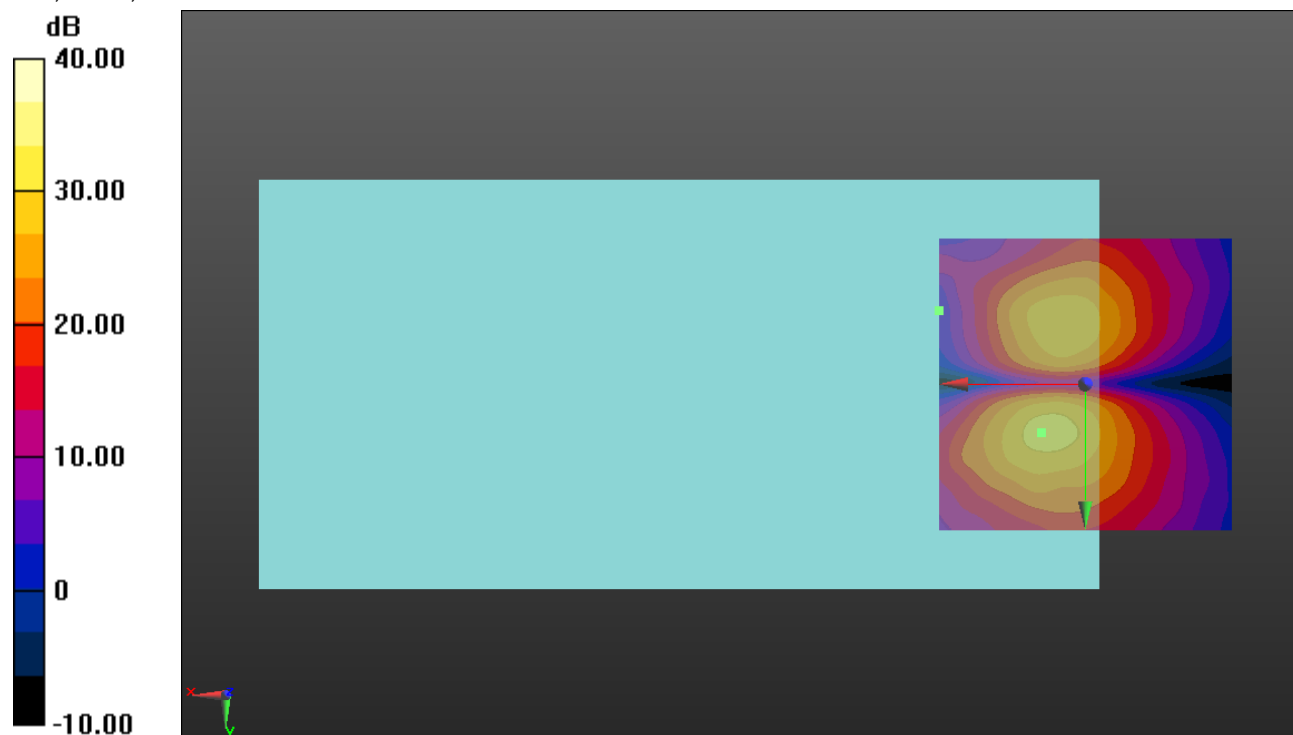
ABM1 comp = -11.36 dBA/m

BWC Factor = 0.16 dB

Location: 7.5, 8.3, 3.7 mm

ABM2 = -31.72 dBA/m

Location: 25, -12.5, 3.7 mm



0 dB = 1.000 = 0.00 dB

LTE Band 25

Communication System: UID 0, @LTE (FDD) (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1

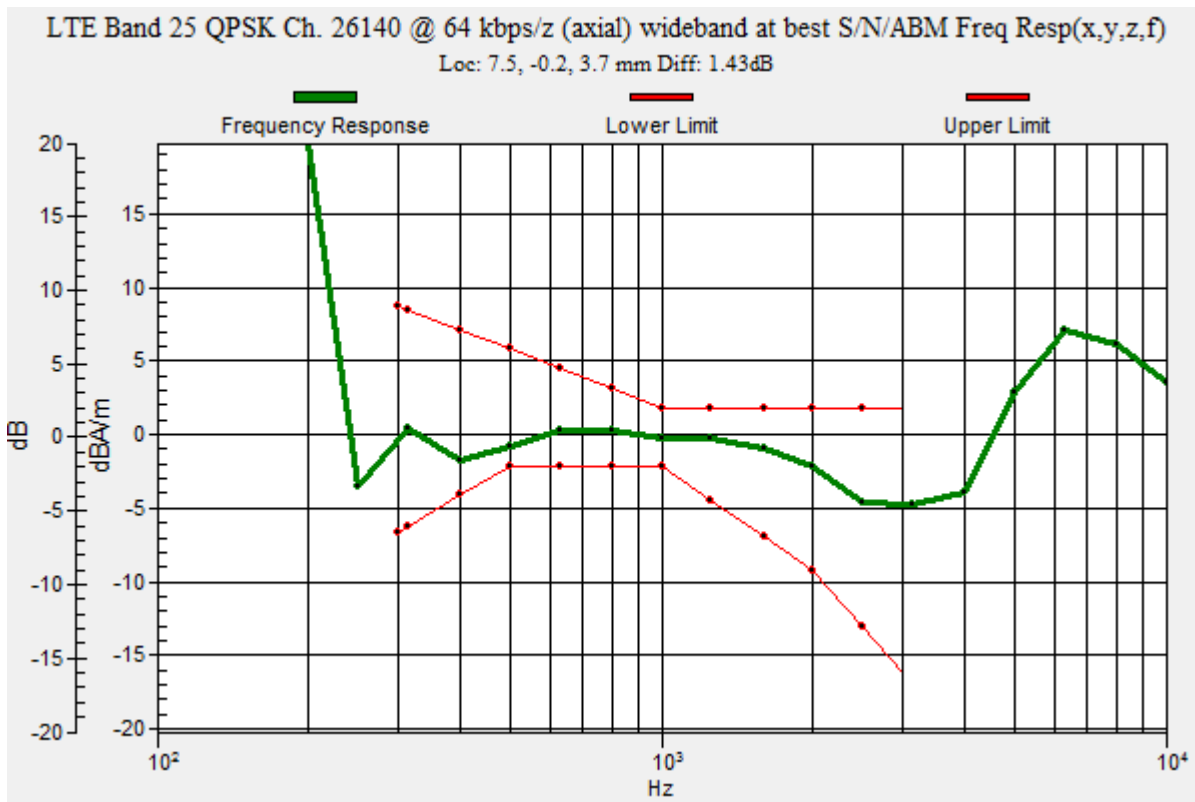
T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 25 QPSK Ch. 26365 @ 64 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
 Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
 Output Gain: 36.27
 Measure Window Start: 300ms
 Measure Window Length: 2000ms
 BWC applied: 10.80 dB
 Device Reference Point: 0, 0, -6.3 mm

Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

Cursor:

Diff = 1.43 dB
 BWC Factor = 10.80 dB
 Location: 7.5, -0.2, 3.7 mm



LTE Band 25

Communication System: UID 0, @LTE (FDD) (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 25 QPSK Ch. 26365 @ 64 kbps/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 34.26 dB

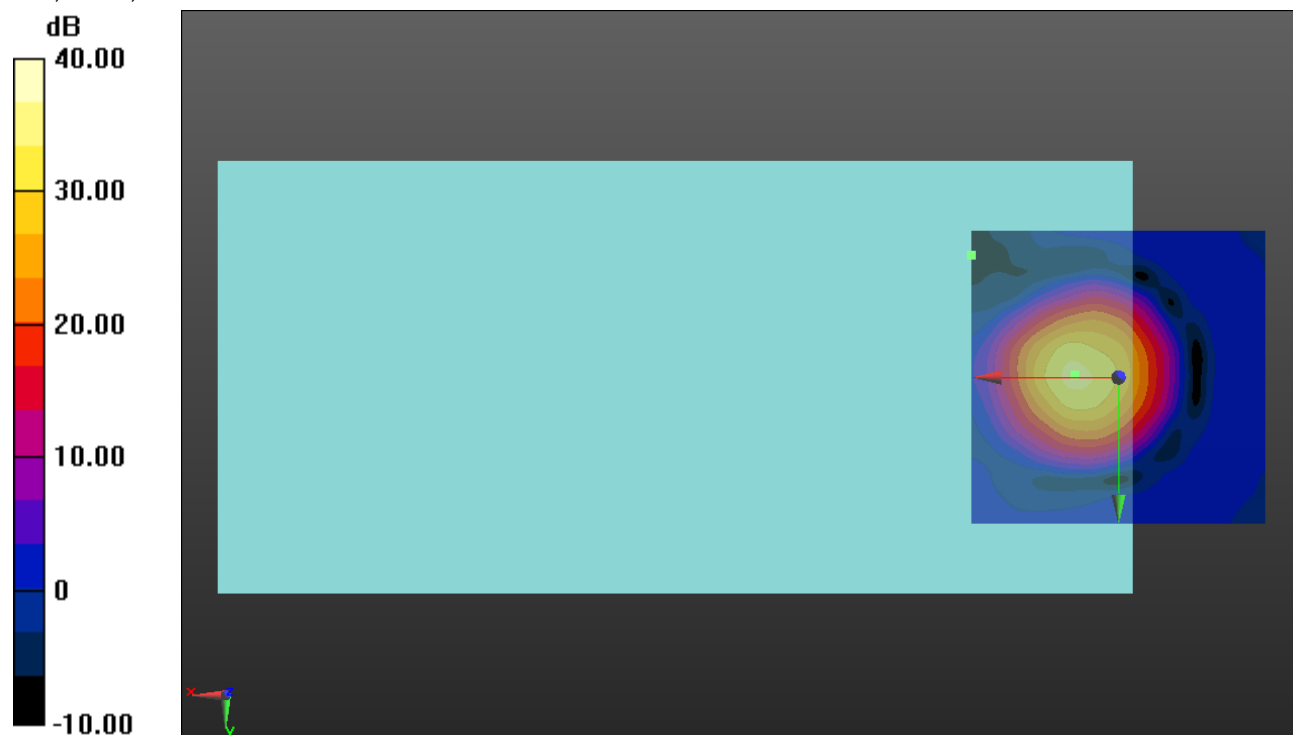
ABM1 comp = -3.92 dBA/m

BWC Factor = 0.16 dB

Location: 7.5, -0.4, 3.7 mm

ABM2 = -23.77 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

LTE Band 25

Communication System: UID 0, @LTE (FDD) (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 25 QPSK Ch. 26365 @ 64 kbps/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 29.92 dB

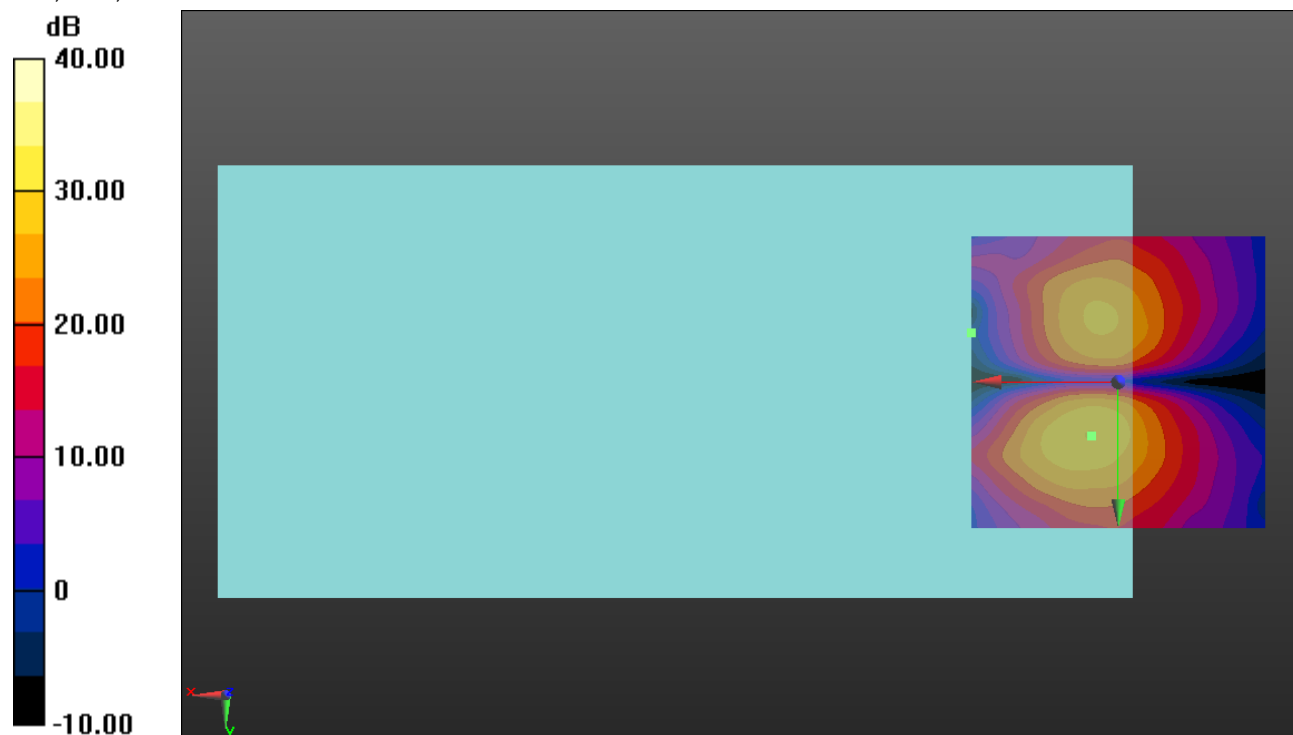
ABM1 comp = -12.63 dBA/m

BWC Factor = 0.16 dB

Location: 4.6, 9.2, 3.7 mm

ABM2 = -25.89 dBA/m

Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

LTE Band 41

Communication System: UID 0, @LTE (TDD) (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59956

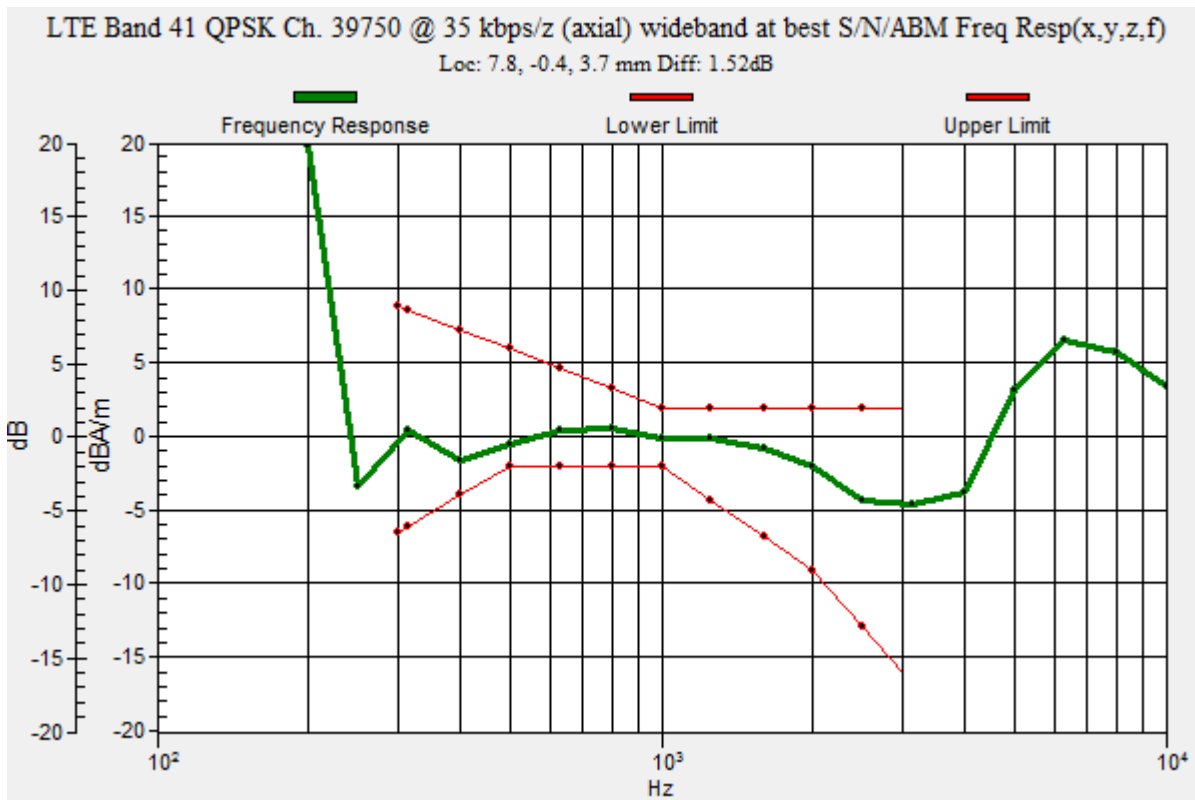
T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 41 QPSK Ch. 40620 @ 35 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
 Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
 Output Gain: 36.27
 Measure Window Start: 300ms
 Measure Window Length: 2000ms
 BWC applied: 10.80 dB
 Device Reference Point: 0, 0, -6.3 mm

Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

Cursor:

Diff = 1.52 dB
 BWC Factor = 10.80 dB
 Location: 7.8, -0.4, 3.7 mm



LTE Band 41

Communication System: UID 0, @LTE (TDD) (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59956

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 41 QPSK Ch. 40620 @ 35 kbps/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 34.32 dB

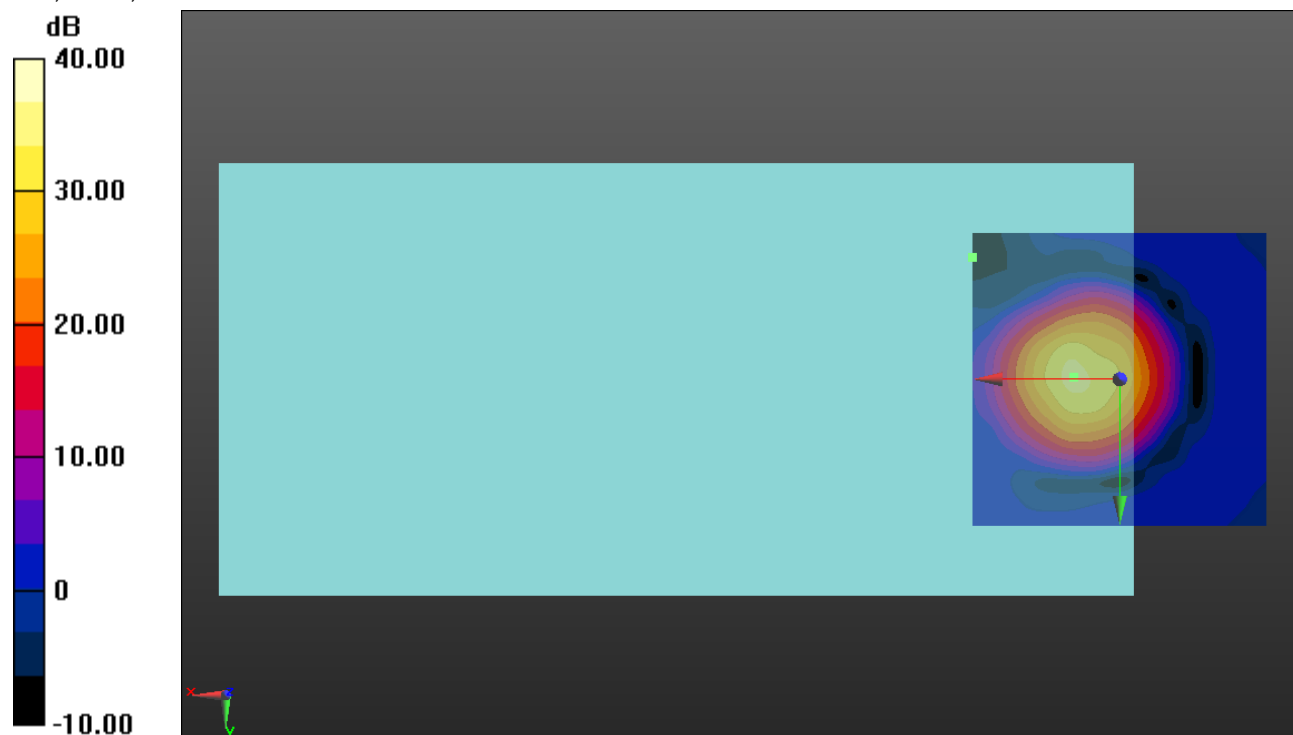
ABM1 comp = -3.93 dBA/m

BWC Factor = 0.16 dB

Location: 7.9, -0.4, 3.7 mm

ABM2 = -24.96 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

LTE Band 41

Communication System: UID 0, @LTE (TDD) (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59956

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 41 QPSK Ch. 40620 @ 35 kbps/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

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

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 30.67 dB

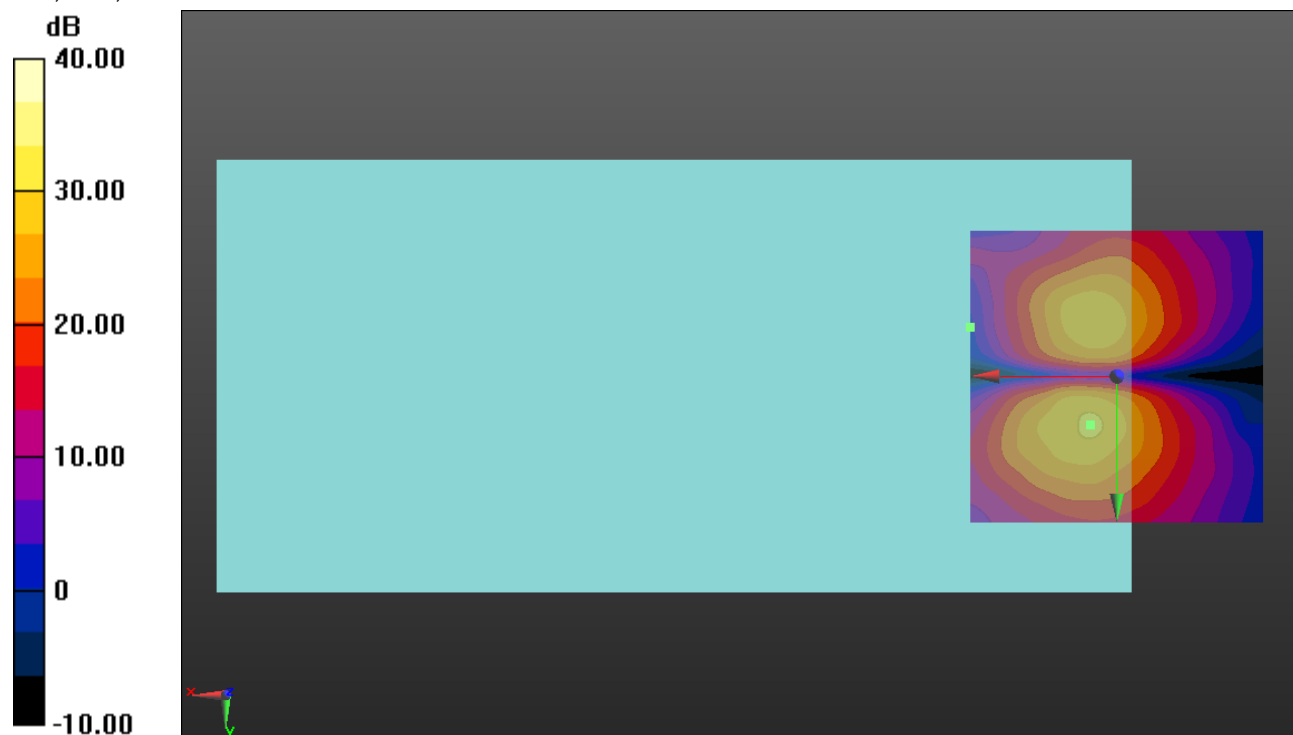
ABM1 comp = -12.15 dBA/m

BWC Factor = 0.16 dB

Location: 4.6, 8.3, 3.7 mm

ABM2 = -30.16 dBA/m

Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

802.11b

Communication System: UID 0, @IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz;Duty Cycle: 1:1

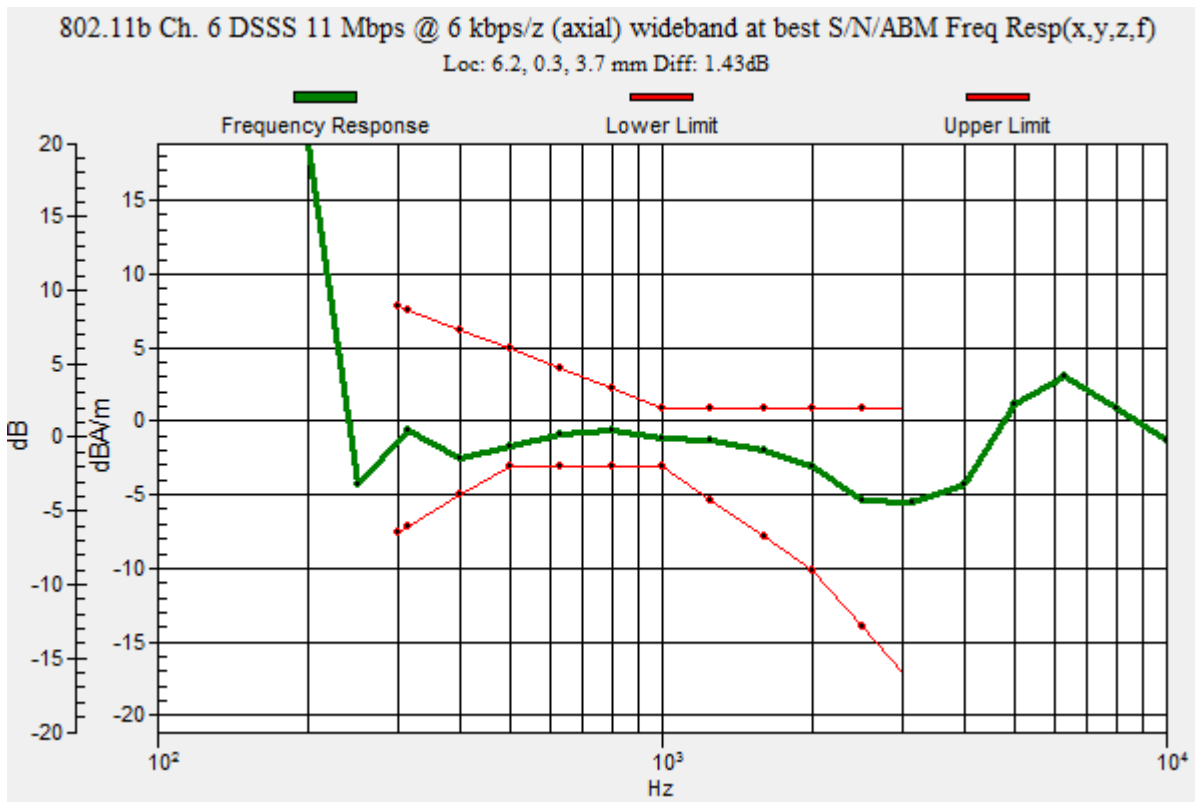
T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11b Ch. 6 DSSS 11 Mbps @ 6 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid:

dx=10mm, dy=10mm
 Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
 Output Gain: 36.27
 Measure Window Start: 300ms
 Measure Window Length: 2000ms
 BWC applied: 10.80 dB
 Device Reference Point: 0, 0, -6.3 mm

Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

Cursor:

Diff = 1.43 dB
 BWC Factor = 10.80 dB
 Location: 6.2, 0.3, 3.7 mm



802.11b

Communication System: UID 0, @IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11b Ch. 6 DSSS 11 Mbps @ 6 kbps/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 31.80 dB

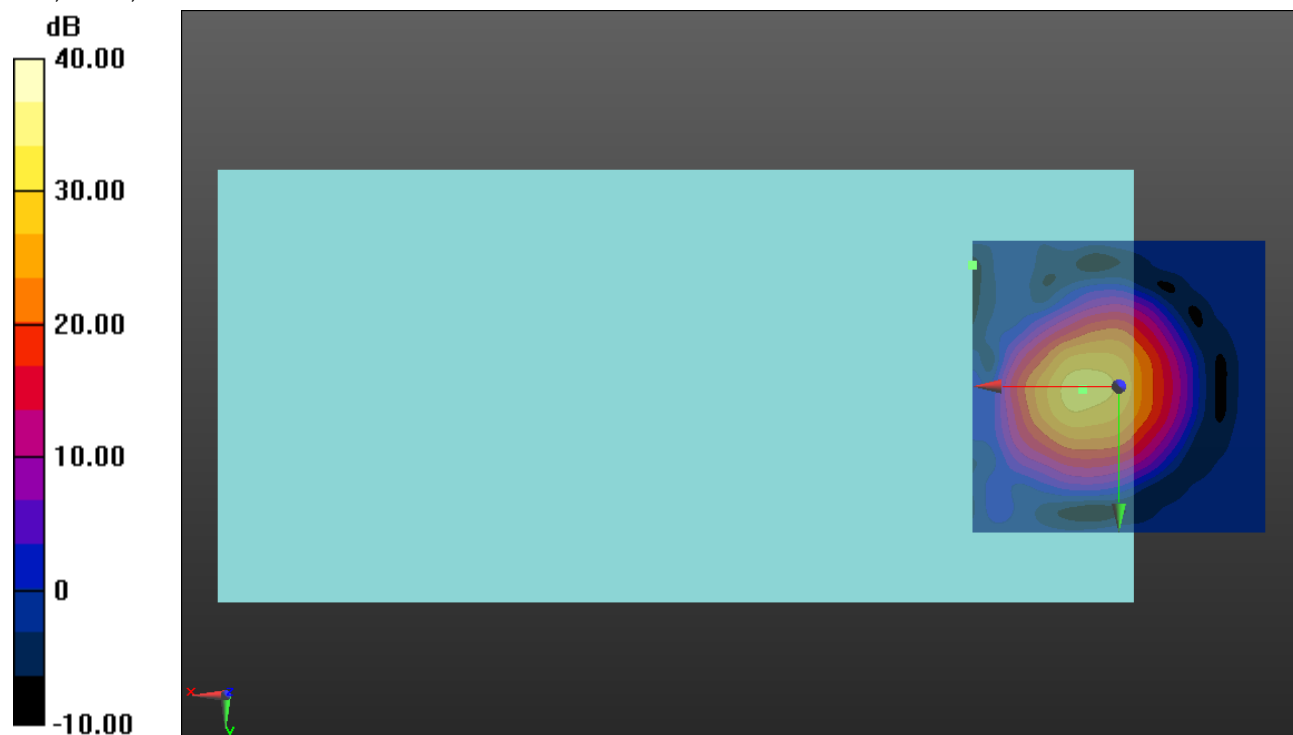
ABM1 comp = -4.97 dBA/m

BWC Factor = 0.16 dB

Location: 6.3, 0.4, 3.7 mm

ABM2 = -18.30 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

802.11b

Communication System: UID 0, @IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11b Ch. 6 DSSS 11 Mbps @ 6 kbps/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 27.12 dB

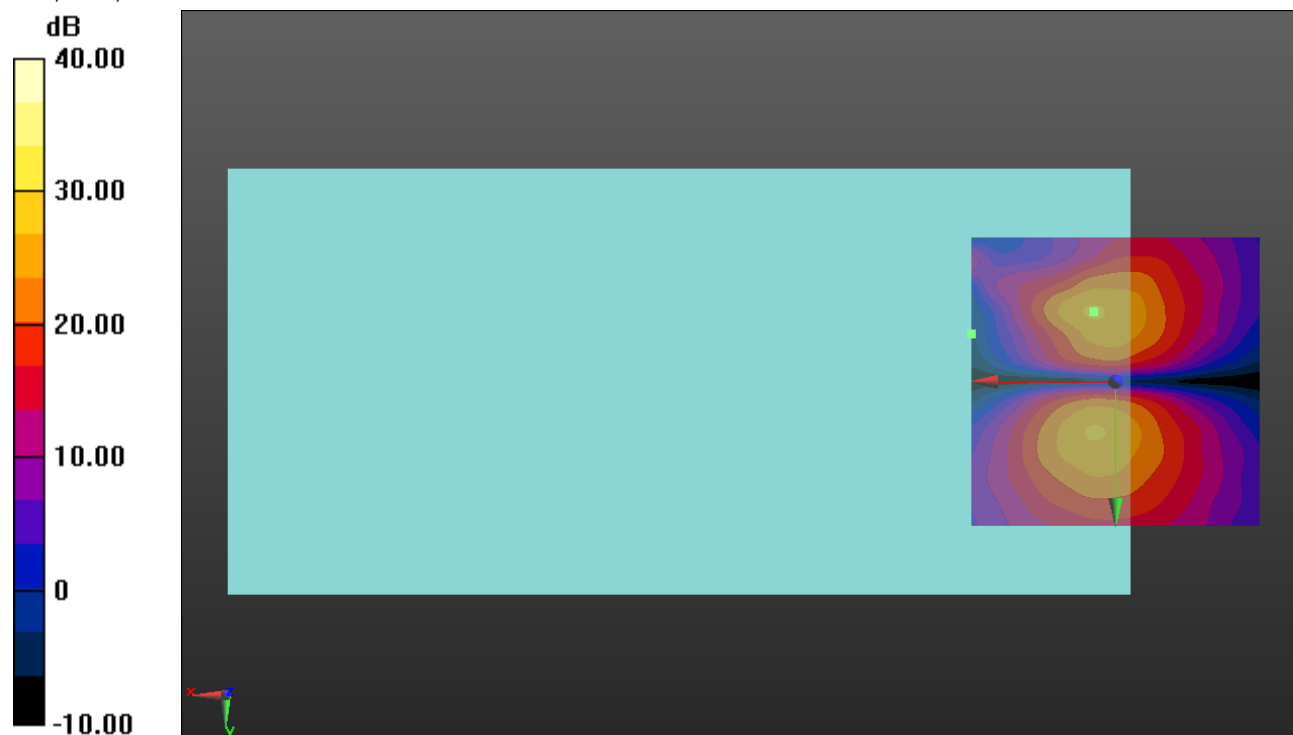
ABM1 comp = -14.02 dBA/m

BWC Factor = 0.16 dB

Location: 3.8, -12.1, 3.7 mm

ABM2 = -24.72 dBA/m

Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

802.11a

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5180 MHz;Duty Cycle: 1:1

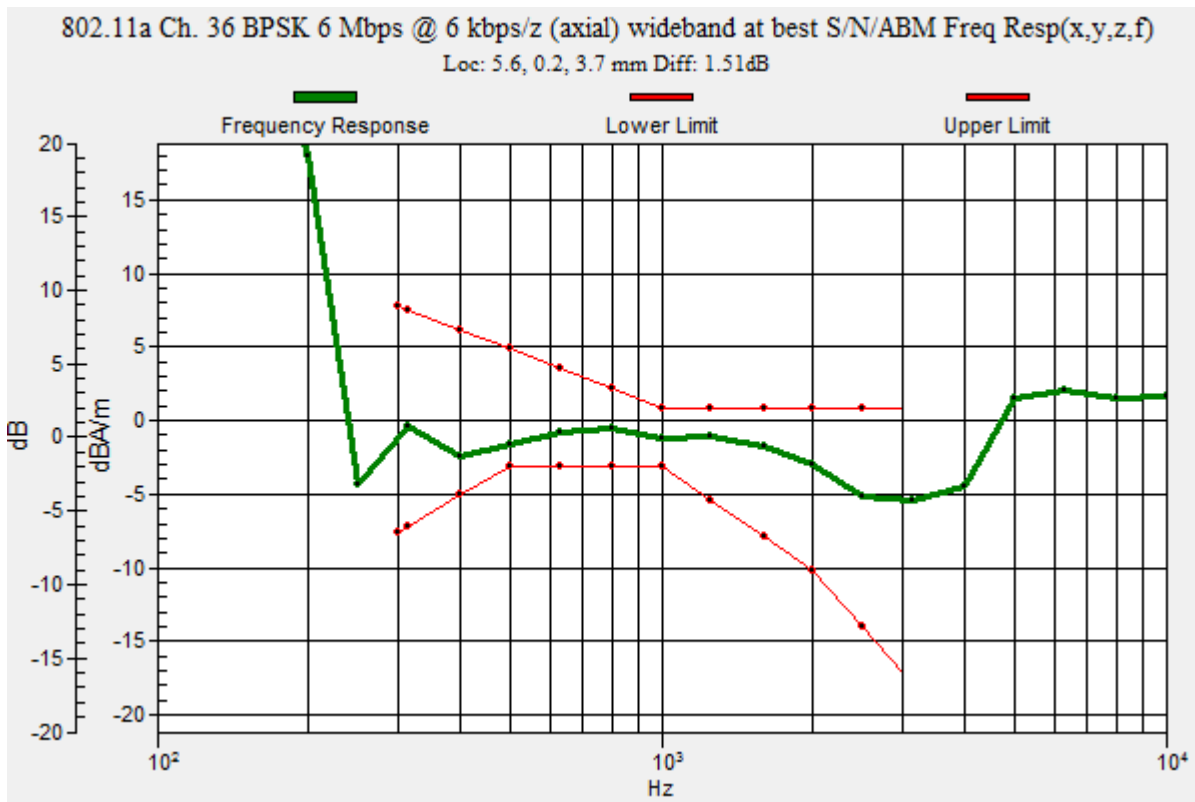
T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11a Ch. 36 BPSK 6 Mbps @ 6 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid:

dx=10mm, dy=10mm
 Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
 Output Gain: 36.27
 Measure Window Start: 300ms
 Measure Window Length: 2000ms
 BWC applied: 10.80 dB
 Device Reference Point: 0, 0, -6.3 mm

Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

Cursor:

Diff = 1.51 dB
 BWC Factor = 10.80 dB
 Location: 5.6, 0.2, 3.7 mm



802.11a

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11a Ch. 36 BPSK 6 Mbps @ 6 kbps/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 33.75 dB

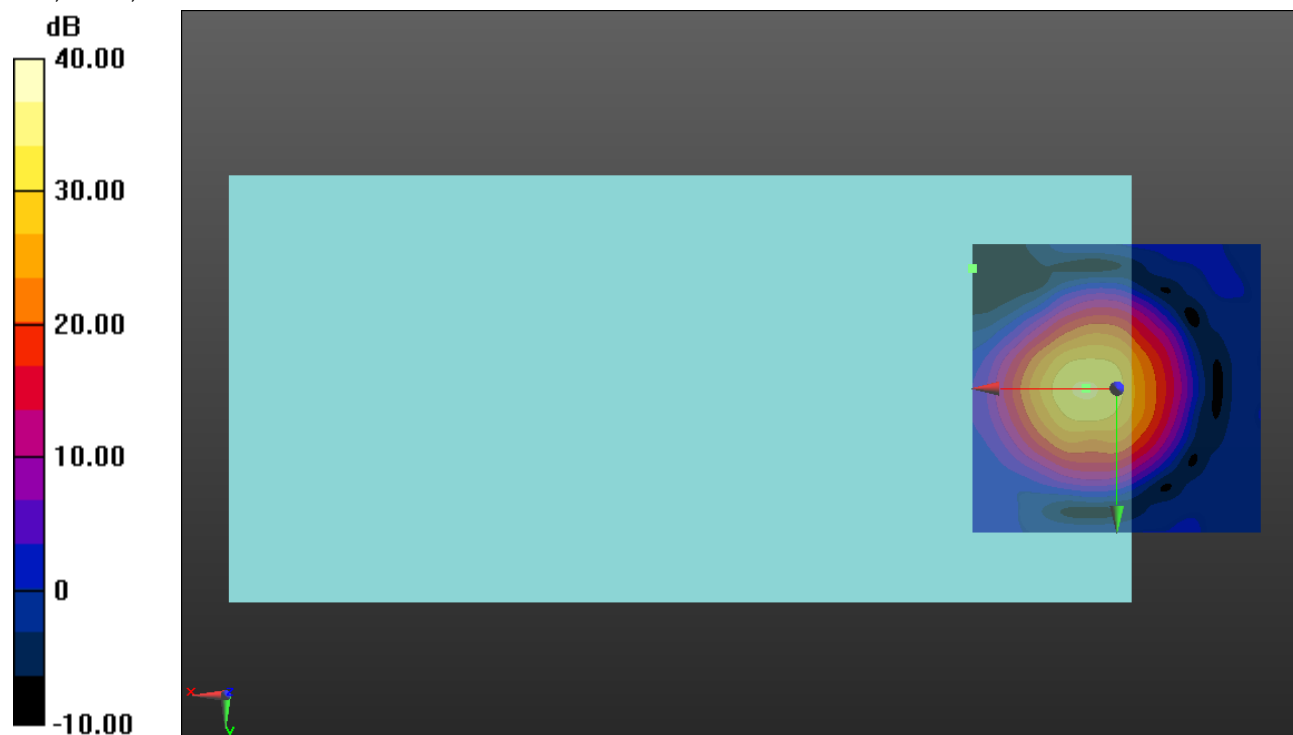
ABM1 comp = -4.70 dBA/m

BWC Factor = 0.16 dB

Location: 5.4, 0, 3.7 mm

ABM2 = -23.70 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

802.11a

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11a Ch. 36 BPSK 6 Mbps @ 6 kbps/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 30.17 dB

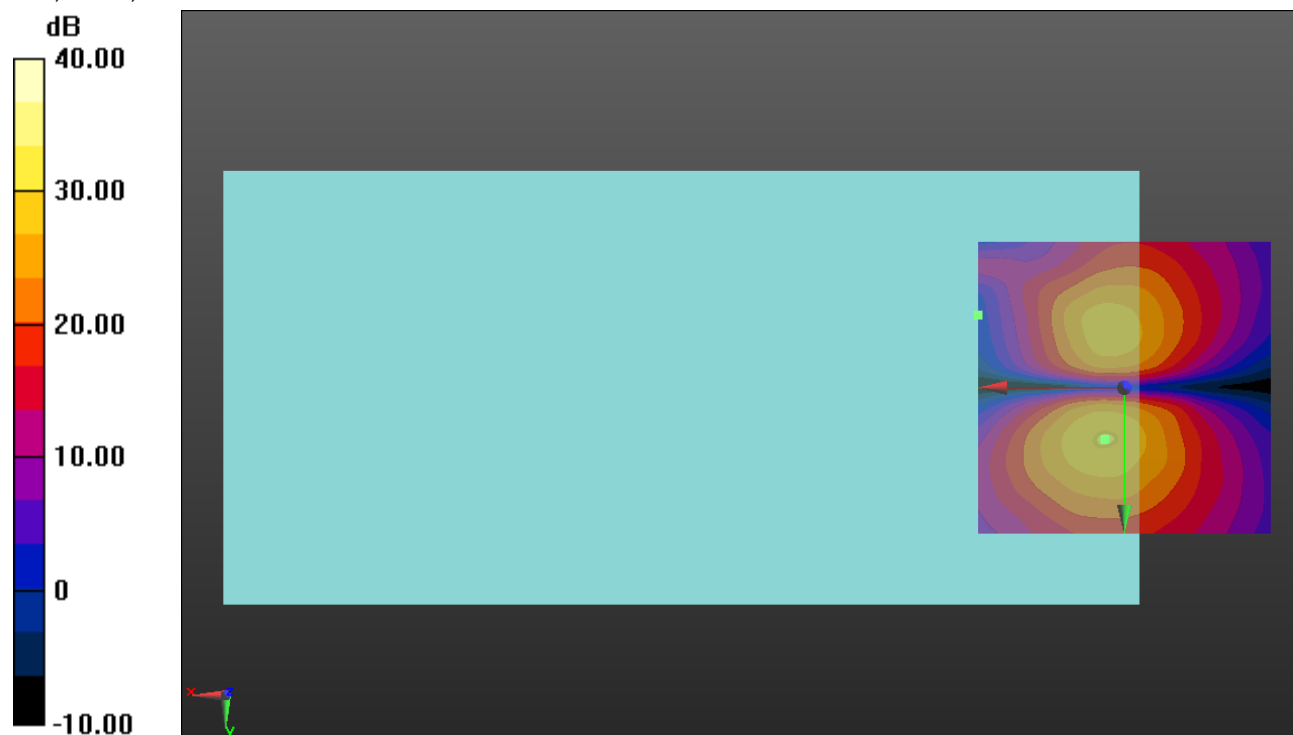
ABM1 comp = -12.64 dBA/m

BWC Factor = 0.16 dB

Location: 3.3, 8.7, 3.7 mm

ABM2 = -29.92 dBA/m

Location: 25, -12.5, 3.7 mm



0 dB = 1.000 = 0.00 dB

802.11a

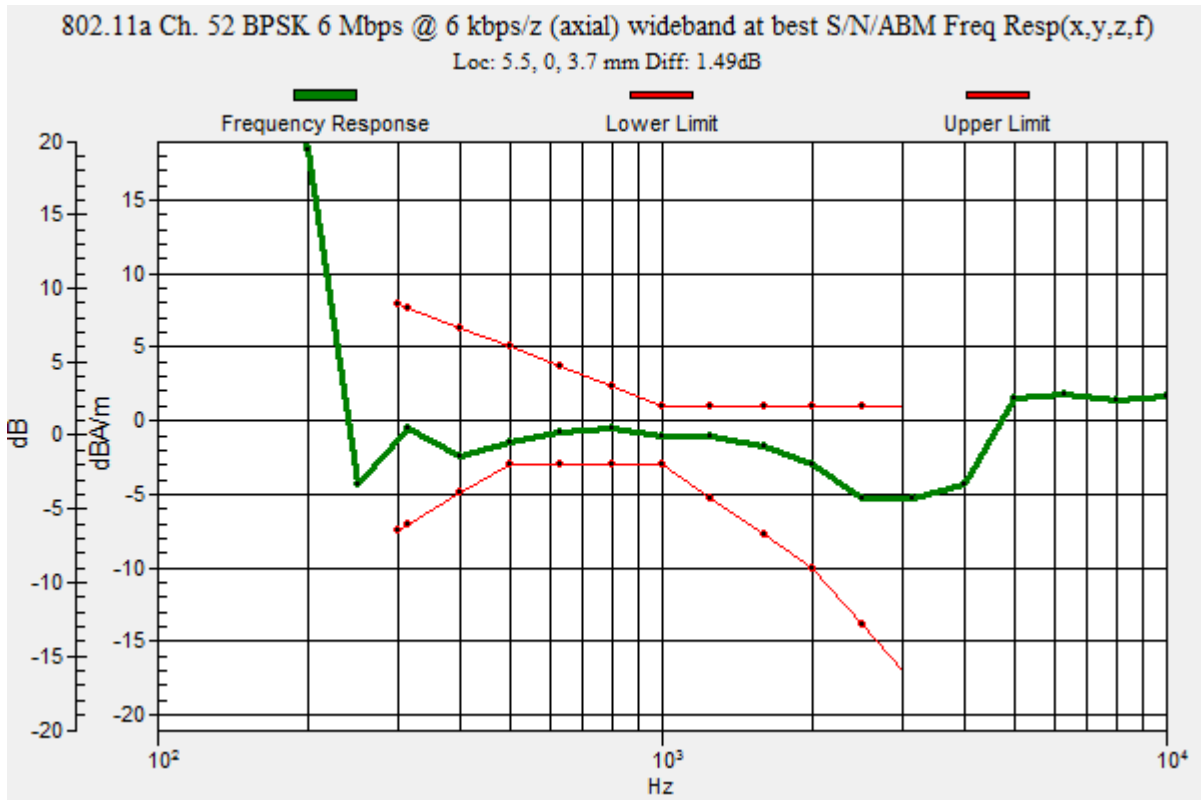
Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5260 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11a Ch. 52 BPSK 6 Mbps @ 6 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid:

dx=10mm, dy=10mm
 Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
 Output Gain: 36.27
 Measure Window Start: 300ms
 Measure Window Length: 2000ms
 BWC applied: 10.80 dB
 Device Reference Point: 0, 0, -6.3 mm

Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

Cursor:
 Diff = 1.49 dB
 BWC Factor = 10.80 dB
 Location: 5.5, 0, 3.7 mm



802.11a

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11a Ch. 52 BPSK 6 Mbps @ 6 kbps/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 34.57 dB

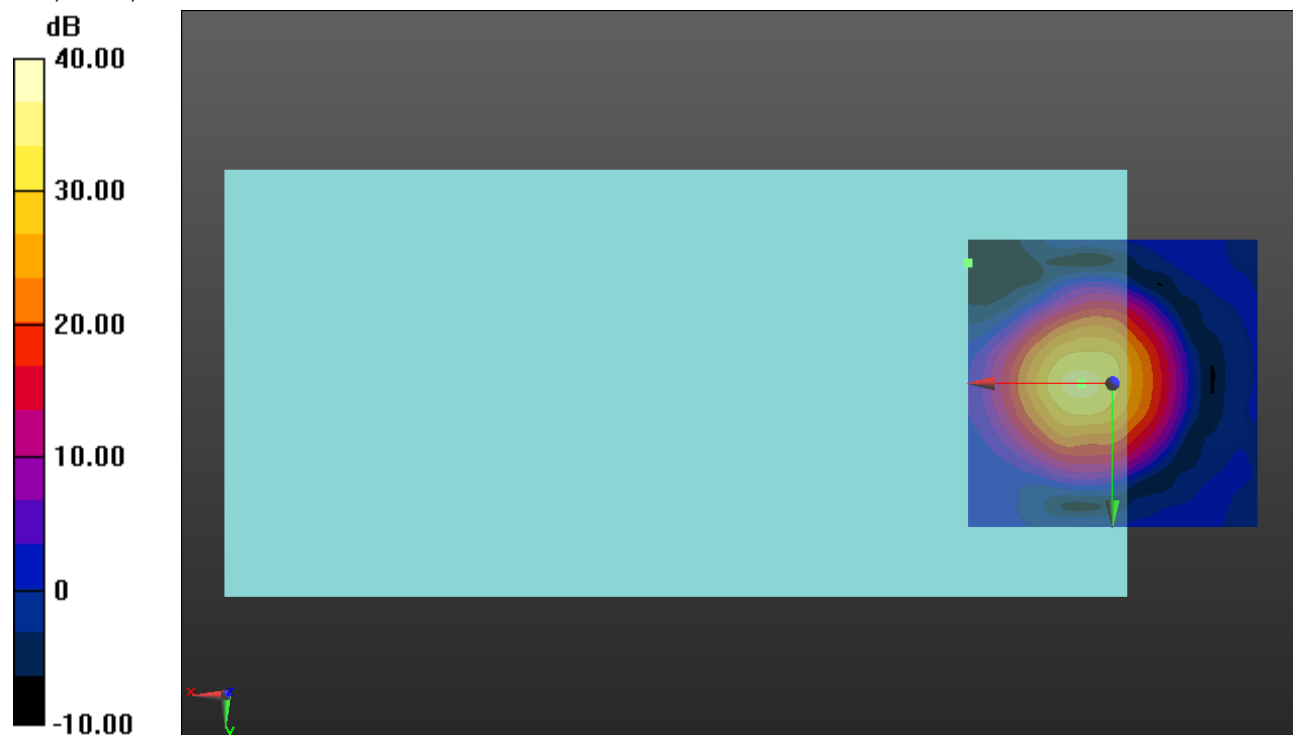
ABM1 comp = -4.12 dBA/m

BWC Factor = 0.16 dB

Location: 5.4, 0, 3.7 mm

ABM2 = -23.46 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

802.11a

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11a Ch. 52 BPSK 6 Mbps @ 6 kbps/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 30.10 dB

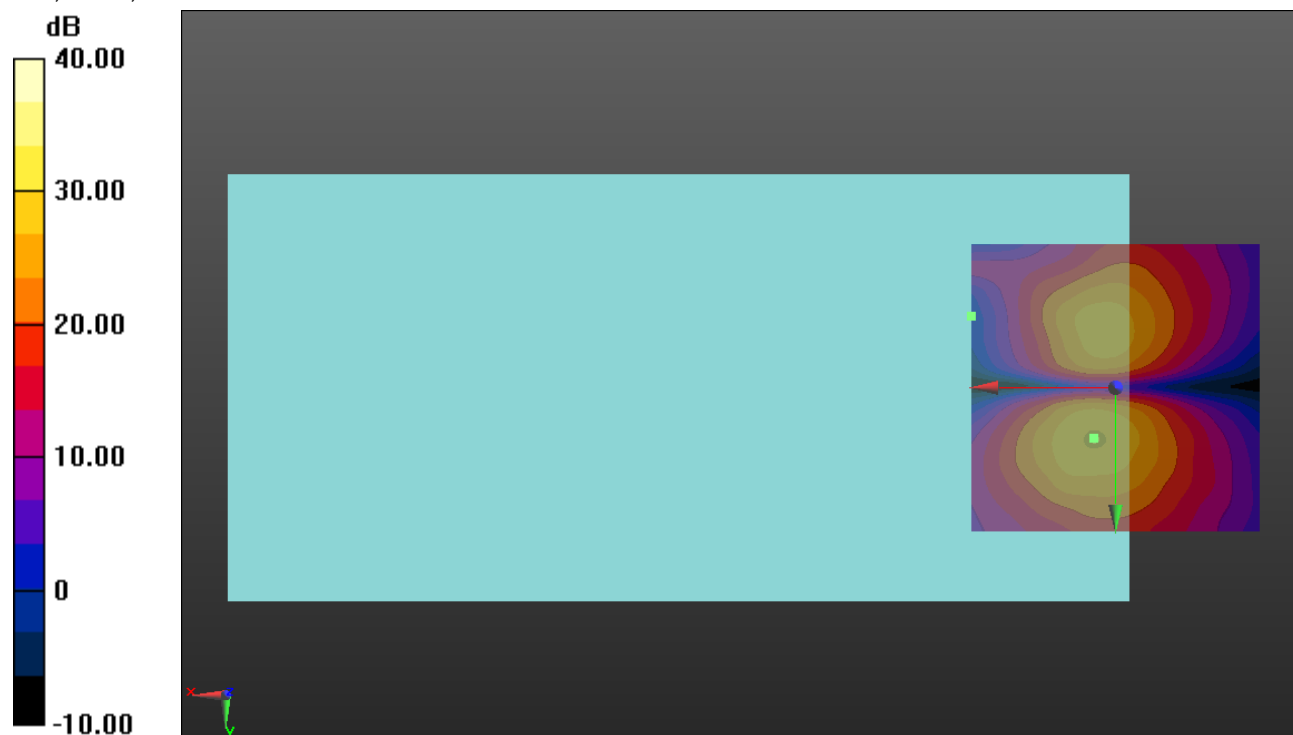
ABM1 comp = -12.78 dBA/m

BWC Factor = 0.16 dB

Location: 3.8, 8.7, 3.7 mm

ABM2 = -29.82 dBA/m

Location: 25, -12.5, 3.7 mm



0 dB = 1.000 = 0.00 dB

802.11a

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5500 MHz;Duty Cycle: 1:1

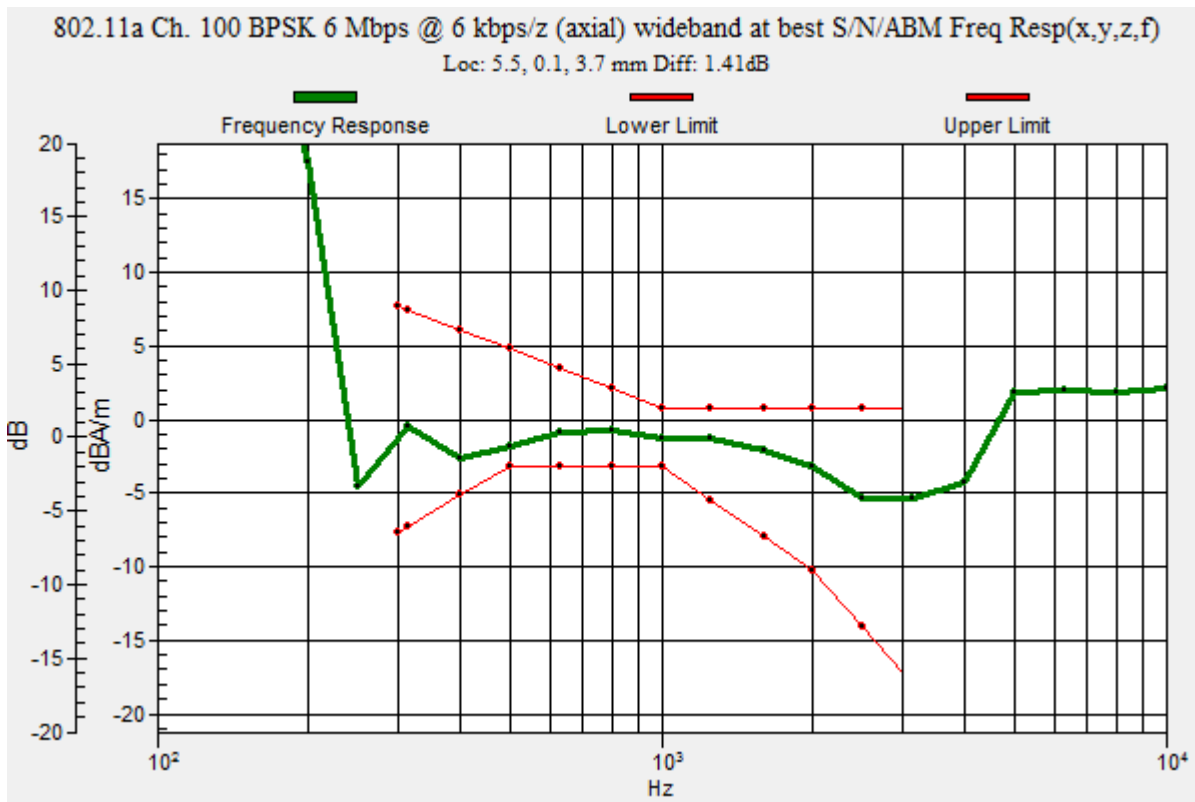
T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11a Ch. 100 BPSK 6 Mbps @ 6 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid:

dx=10mm, dy=10mm
 Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
 Output Gain: 36.27
 Measure Window Start: 300ms
 Measure Window Length: 2000ms
 BWC applied: 10.80 dB
 Device Reference Point: 0, 0, -6.3 mm

Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

Cursor:

Diff = 1.41 dB
 BWC Factor = 10.80 dB
 Location: 5.5, 0.1, 3.7 mm



802.11a

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11a Ch. 100 BPSK 6 Mbps @ 6 kbps/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 33.07 dB

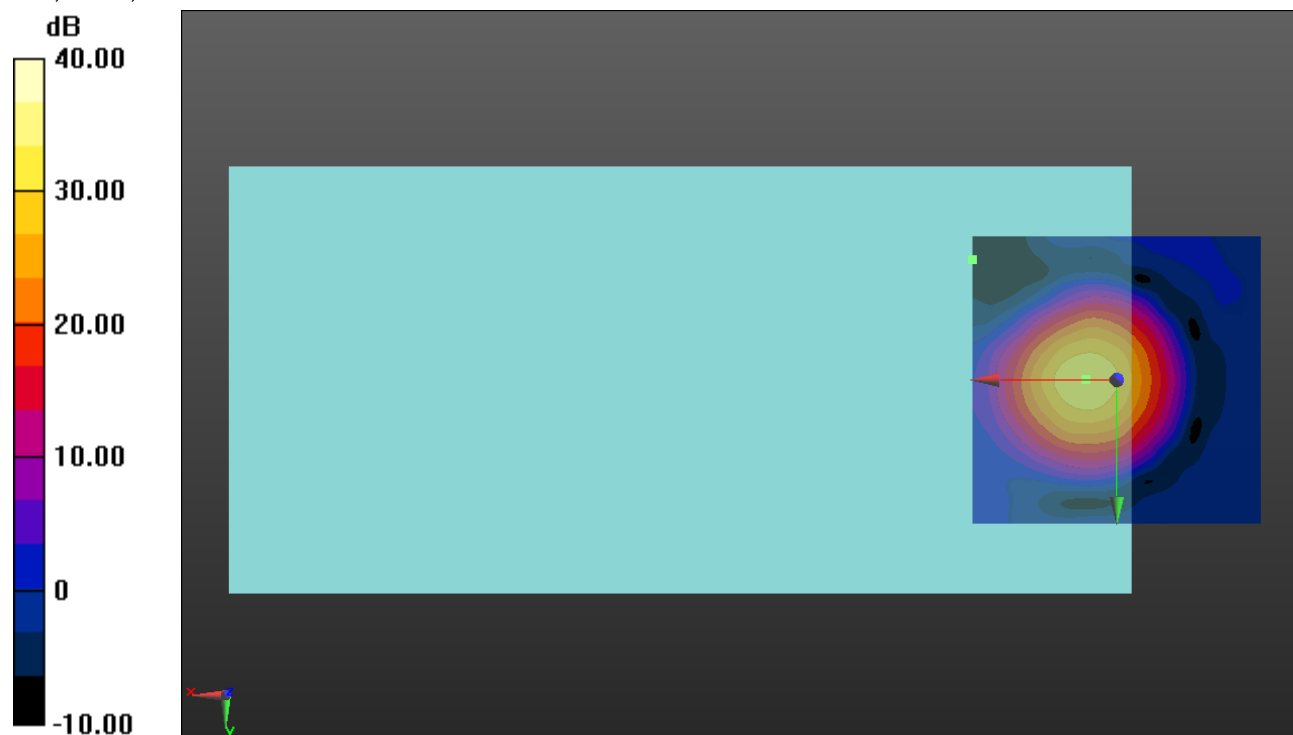
ABM1 comp = -4.54 dBA/m

BWC Factor = 0.16 dB

Location: 5.4, 0, 3.7 mm

ABM2 = -22.93 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

802.11a

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11a Ch. 100 BPSK 6 Mbps @ 6 kbps/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 28.84 dB

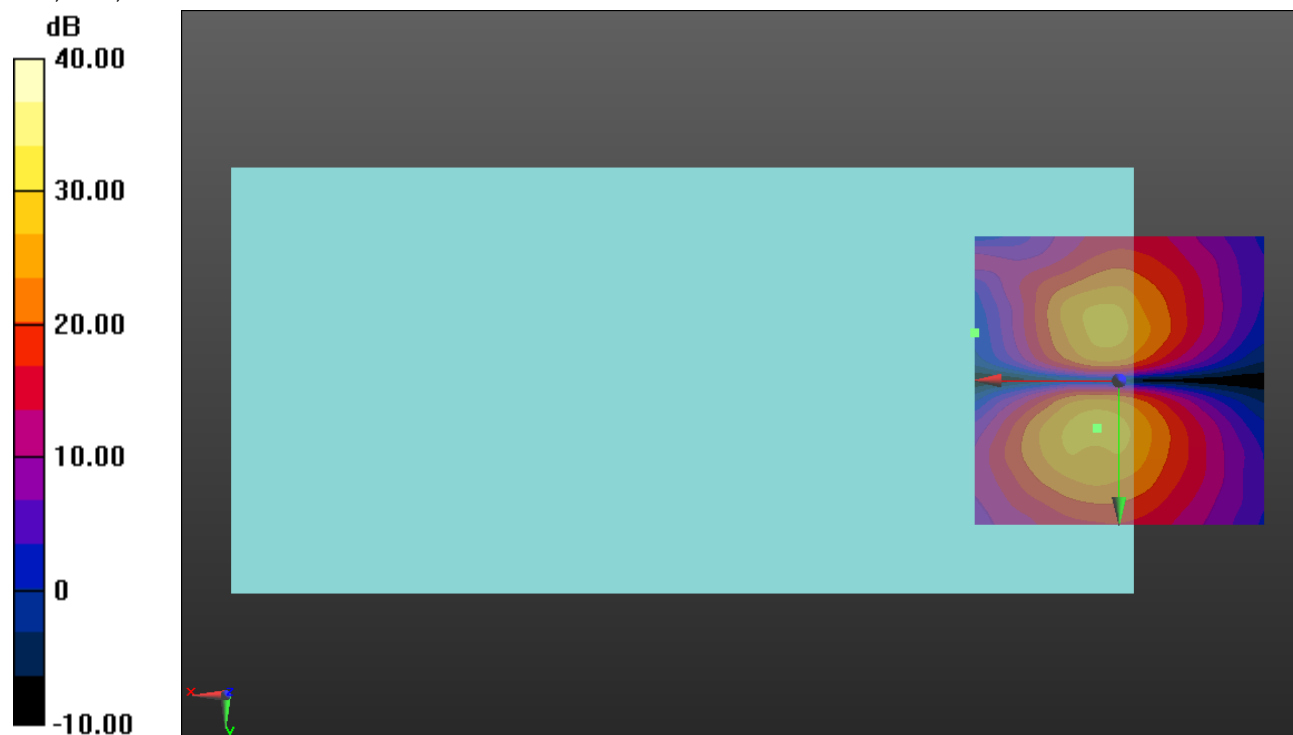
ABM1 comp = -13.17 dBA/m

BWC Factor = 0.16 dB

Location: 3.8, 8.3, 3.7 mm

ABM2 = -29.73 dBA/m

Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

802.11a

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz;Duty Cycle: 1:1

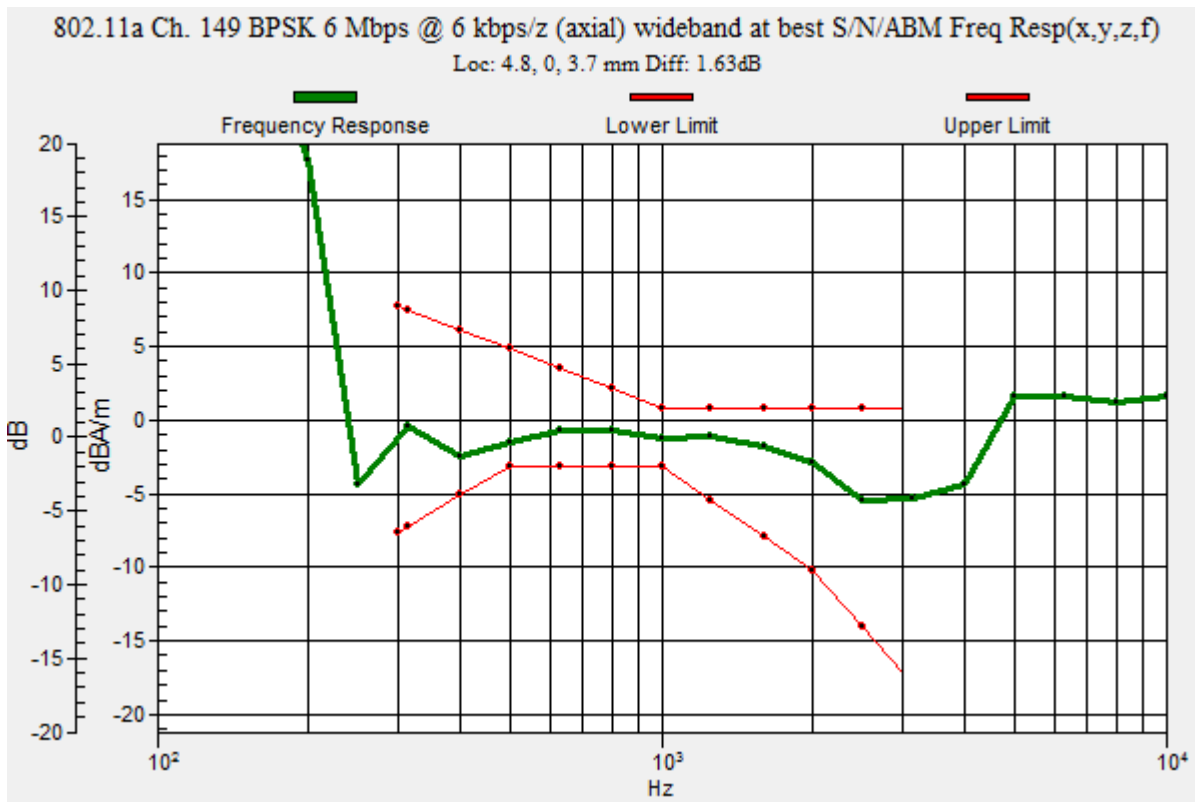
T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11a Ch. 149 BPSK 6 Mbps @ 6 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid:

dx=10mm, dy=10mm
 Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
 Output Gain: 36.27
 Measure Window Start: 300ms
 Measure Window Length: 2000ms
 BWC applied: 10.80 dB
 Device Reference Point: 0, 0, -6.3 mm

Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

Cursor:

Diff = 1.63 dB
 BWC Factor = 10.80 dB
 Location: 4.8, 0, 3.7 mm



802.11a

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11a Ch. 149 BPSK 6 Mbps @ 6 kbps/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 33.59 dB

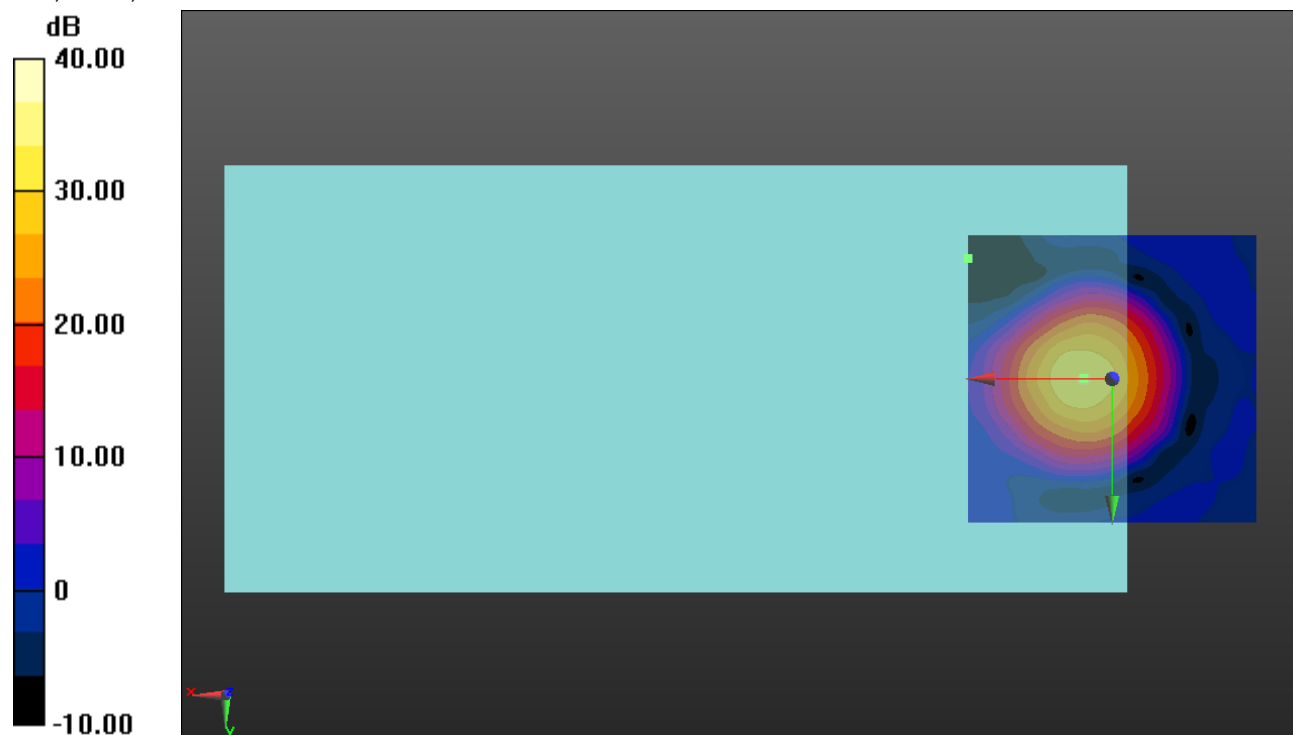
ABM1 comp = -4.47 dBA/m

BWC Factor = 0.16 dB

Location: 5, 0, 3.7 mm

ABM2 = -22.72 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

802.11a

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 7/10/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.8 (7);SEMCAD X Version 14.6.10 (7164)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11a Ch. 149 BPSK 6 Mbps @ 6 kbps/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 18.49

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 29.06 dB

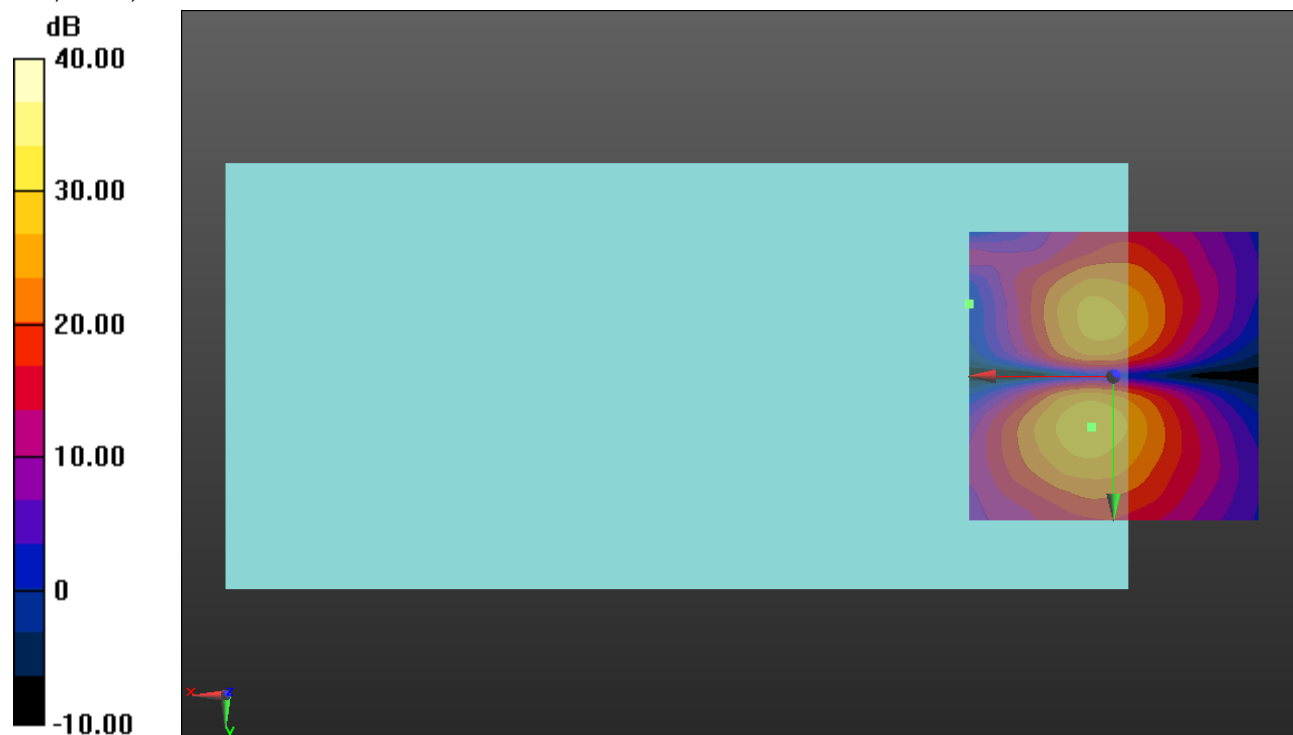
ABM1 comp = -13.00 dBA/m

BWC Factor = 0.16 dB

Location: 3.8, 8.7, 3.7 mm

ABM2 = -29.57 dBA/m

Location: 25, -12.5, 3.7 mm



0 dB = 1.000 = 0.00 dB