

### GSM 850

Communication System: UID 0, 1@EGPRS-FDD (TDMA, 8PSK, 2 slot) (0); Frequency: 824.2 MHz;Duty Cycle: 1:4.00037

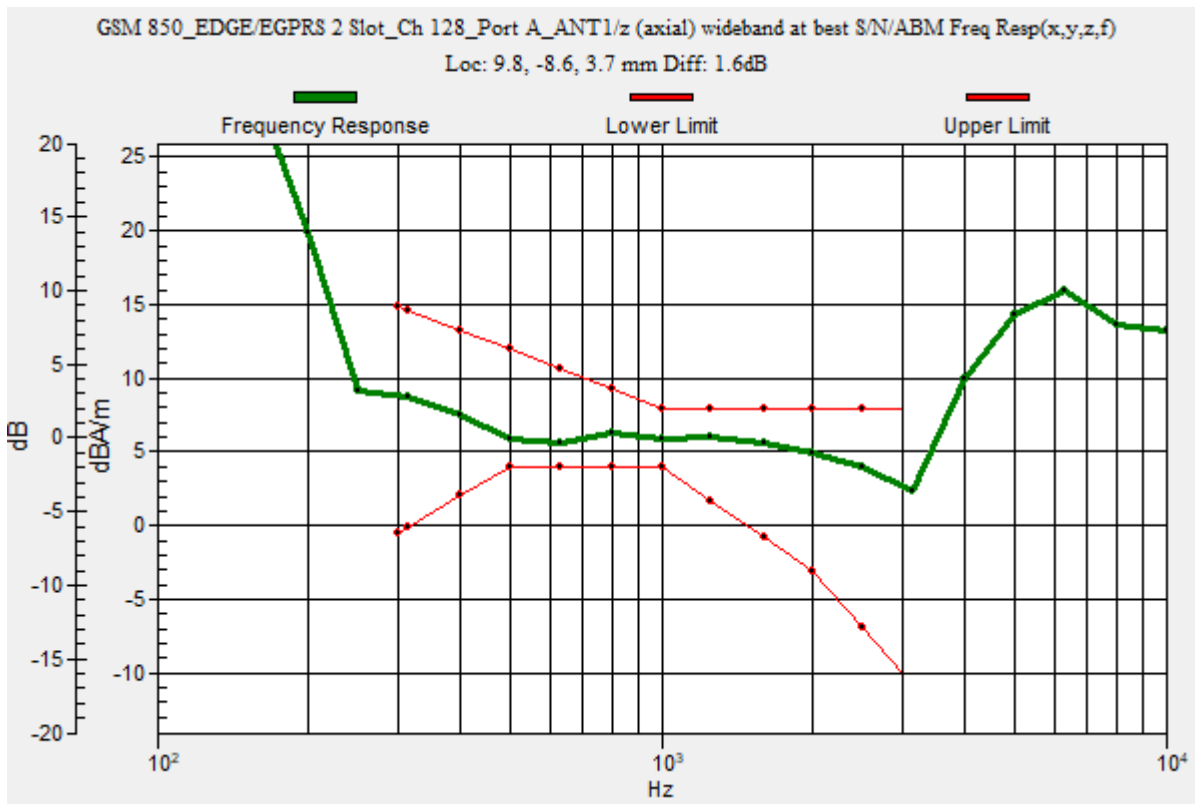
### T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM 850\_EDGE/EGPRS 2 Slot\_Ch 128\_Port A\_ANT1/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_300-3000\_2s.wav  
 Output Gain: 73.03  
 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 = 1.60 dB  
 BWC Factor = 10.80 dB  
 Location: 9.8, -8.6, 3.7 mm



### GSM 850

Communication System: UID 0, 1@EGPRS-FDD (TDMA, 8PSK, 2 slot) (0); Frequency: 824.2 MHz; Duty Cycle: 1:4.00037

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM 850\_EDGE/EGPRS 2 Slot\_Ch 128\_Port A\_ANT1/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 38.00 dB

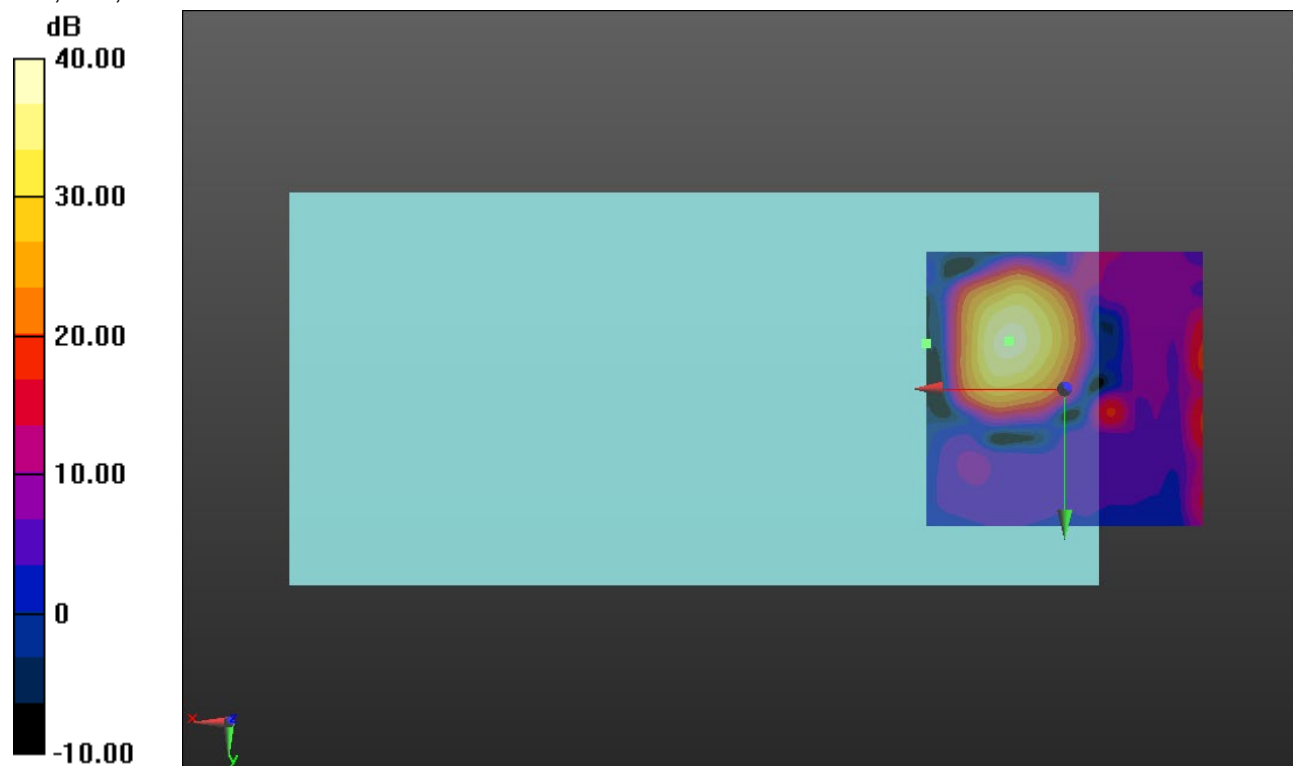
ABM1 comp = 5.70 dBA/m

BWC Factor = 0.16 dB

Location: 10, -8.8, 3.7 mm

ABM2 = -17.49 dBA/m

Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

## GSM 850

Communication System: UID 0, 1@EGPRS-FDD (TDMA, 8PSK, 2 slot) (0); Frequency: 824.2 MHz; Duty Cycle: 1:4.00037

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM 850\_EDGE/EGPRS 2 Slot\_Ch 128\_Port A\_ANT1/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 39.90 dB

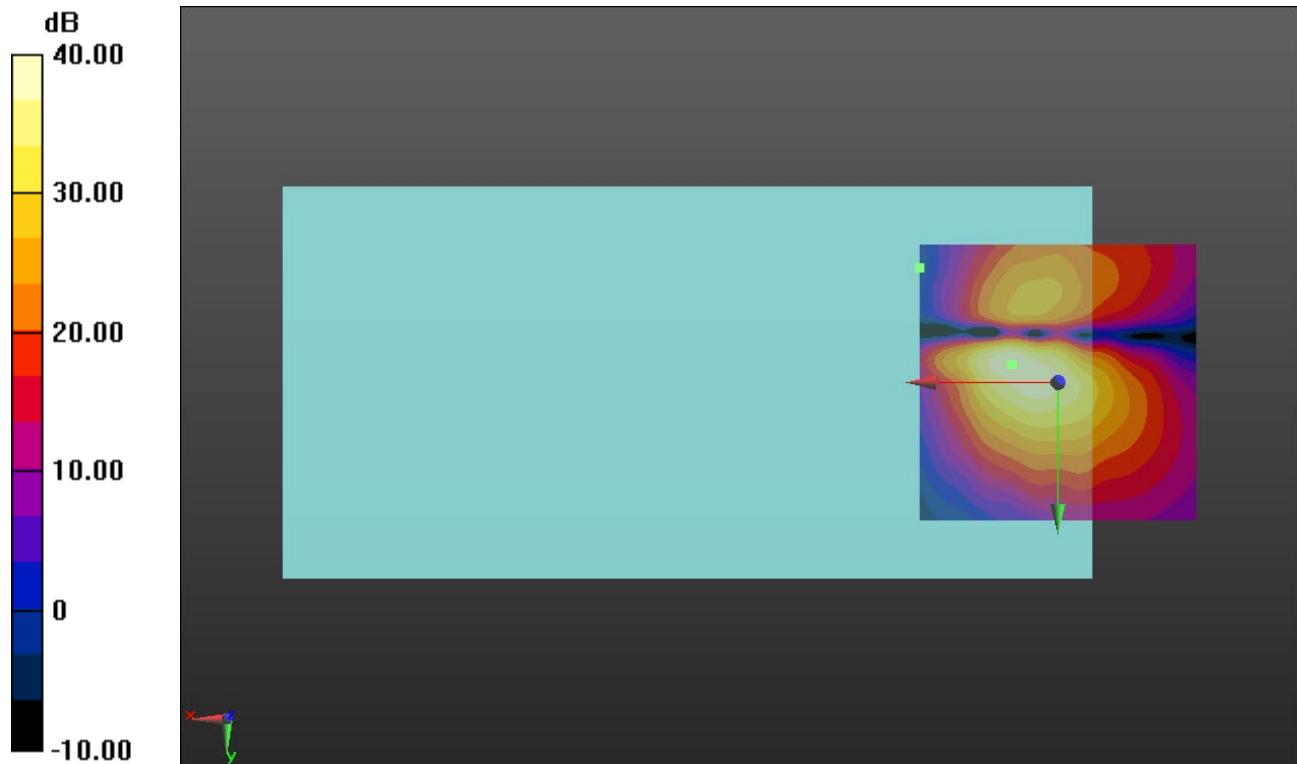
ABM1 comp = -3.46 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, -3.3, 3.7 mm

ABM2 = -17.09 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### GSM 1900

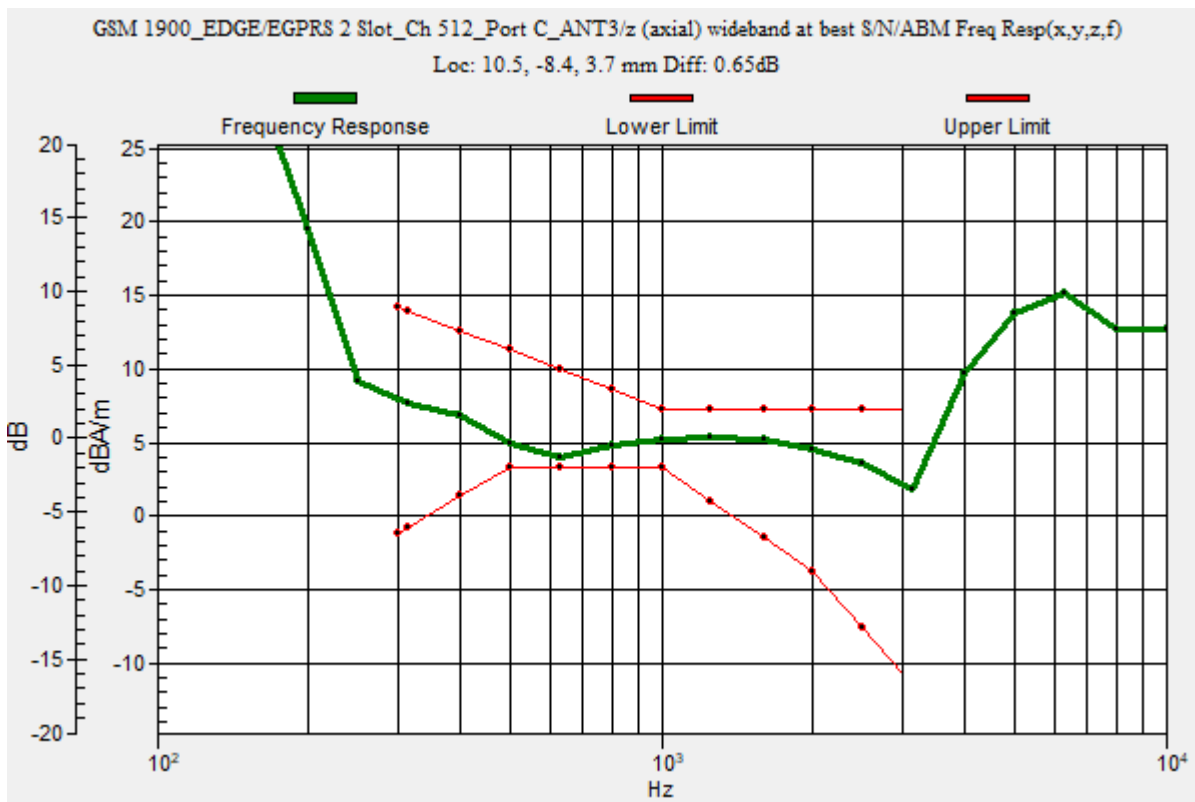
Communication System: UID 0, 1@EGPRS-FDD (TDMA, 8PSK, 2 slot) (0); Frequency: 1850.2 MHz;Duty Cycle: 1:4.00037

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM 1900\_EDGE/EGPRS 2 Slot\_Ch 512\_Port C\_ANT3/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: 73.03  
 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 = 0.65 dB  
 BWC Factor = 10.80 dB  
 Location: 10.5, -8.4, 3.7 mm



### GSM 1900

Communication System: UID 0, 1@EGPRS-FDD (TDMA, 8PSK, 2 slot) (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM 1900\_EDGE/EGPRS 2

Slot\_Ch 512\_Port C\_ANT3/z (axial) Single Point/ABM SNR(x,y,z) (1x1x1): Measurement grid:

dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

Output Gain: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 37.50 dB

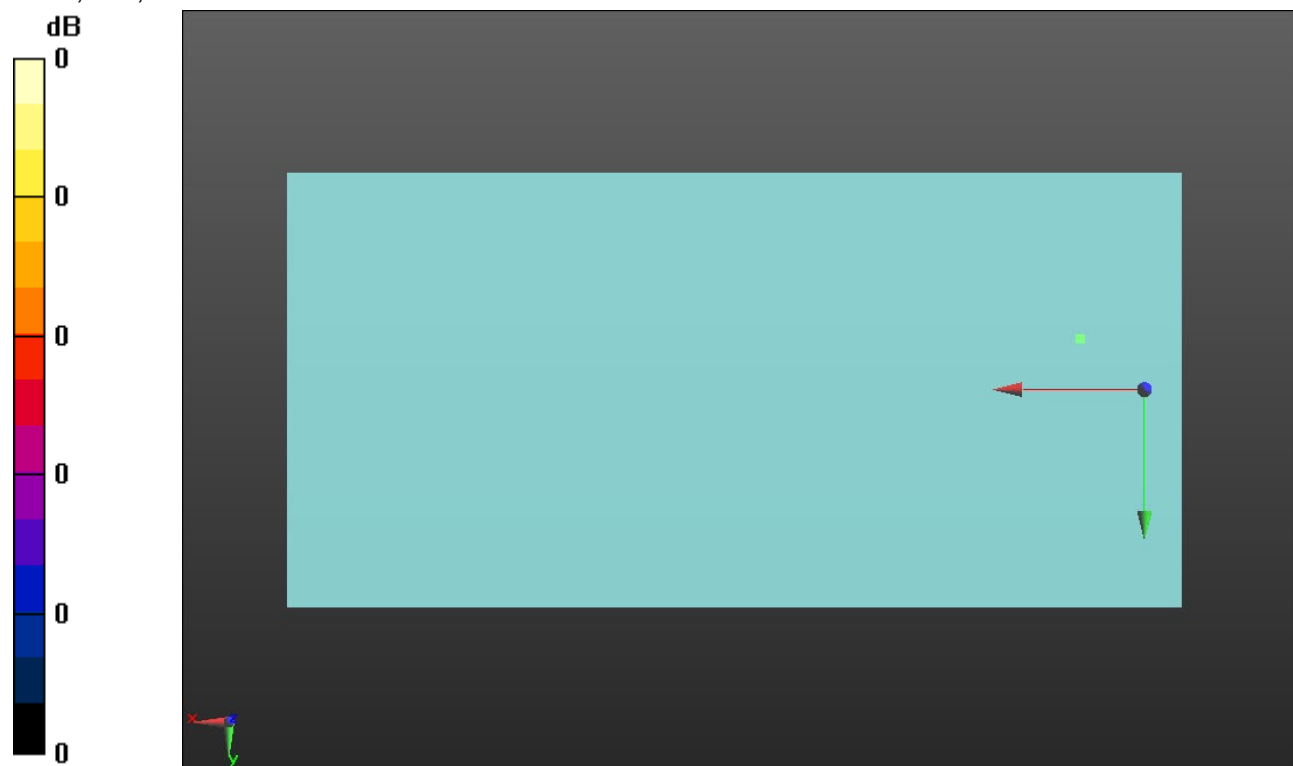
ABM1 comp = 4.82 dBA/m

BWC Factor = 0.16 dB

Location: 10.5, -8.4, 3.7 mm

ABM2 = -32.68 dBA/m

Location: 10.5, -8.4, 3.7 mm



0 dB = 1.000 = 0.00 dB

## GSM 1900

Communication System: UID 0, 1@EGPRS-FDD (TDMA, 8PSK, 2 slot) (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM 1900\_EDGE/EGPRS 2 Slot\_Ch 512\_Port C\_ANT3/y (transversal) Single Point/ABM SNR(x,y,z) (1x1x1):

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

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

Output Gain: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 40.09 dB

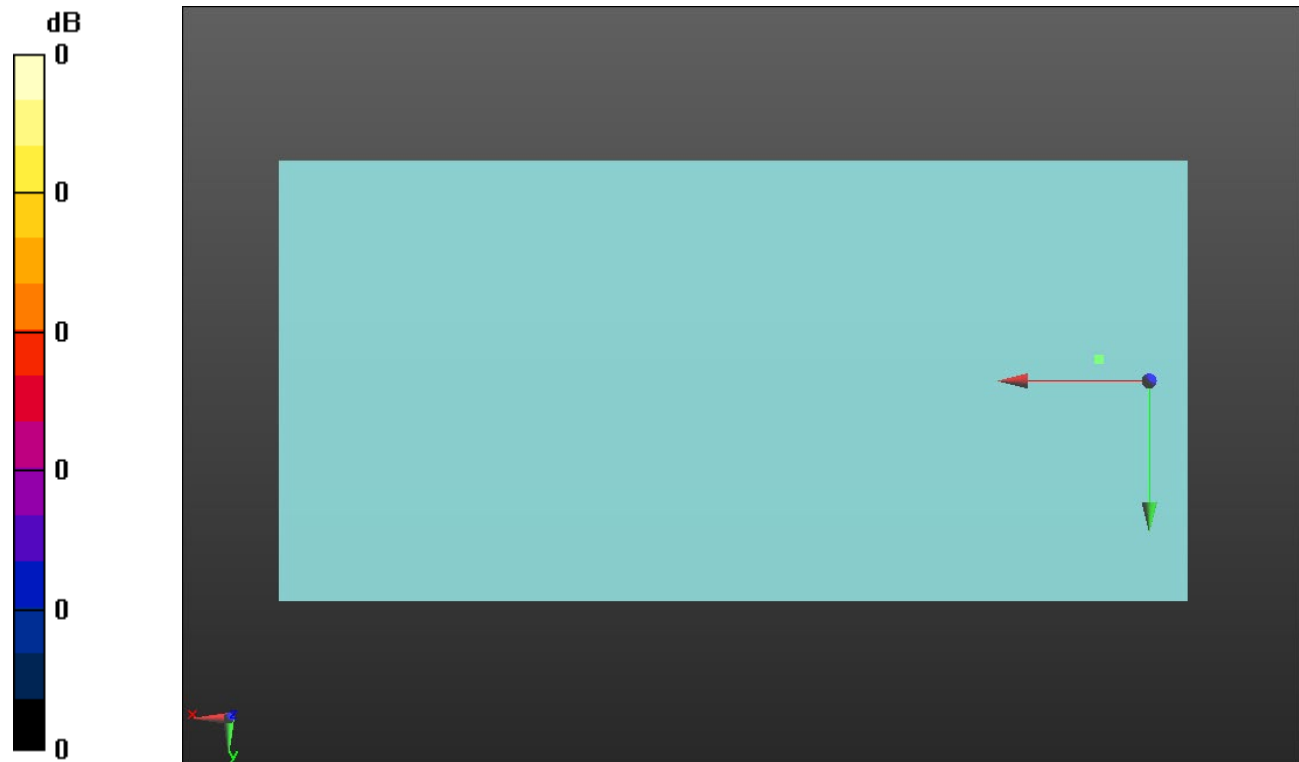
ABM1 comp = -3.93 dBA/m

BWC Factor = 0.16 dB

Location: 8, -3.5, 3.7 mm

ABM2 = -44.03 dBA/m

Location: 8, -3.5, 3.7 mm



0 dB = 1.000 = 0.00 dB

## WCDMA Band II

Communication System: UID 0, 1@UMTS-FDD (WCDMA) (0); Frequency: 1880 MHz;Duty Cycle: 1:1

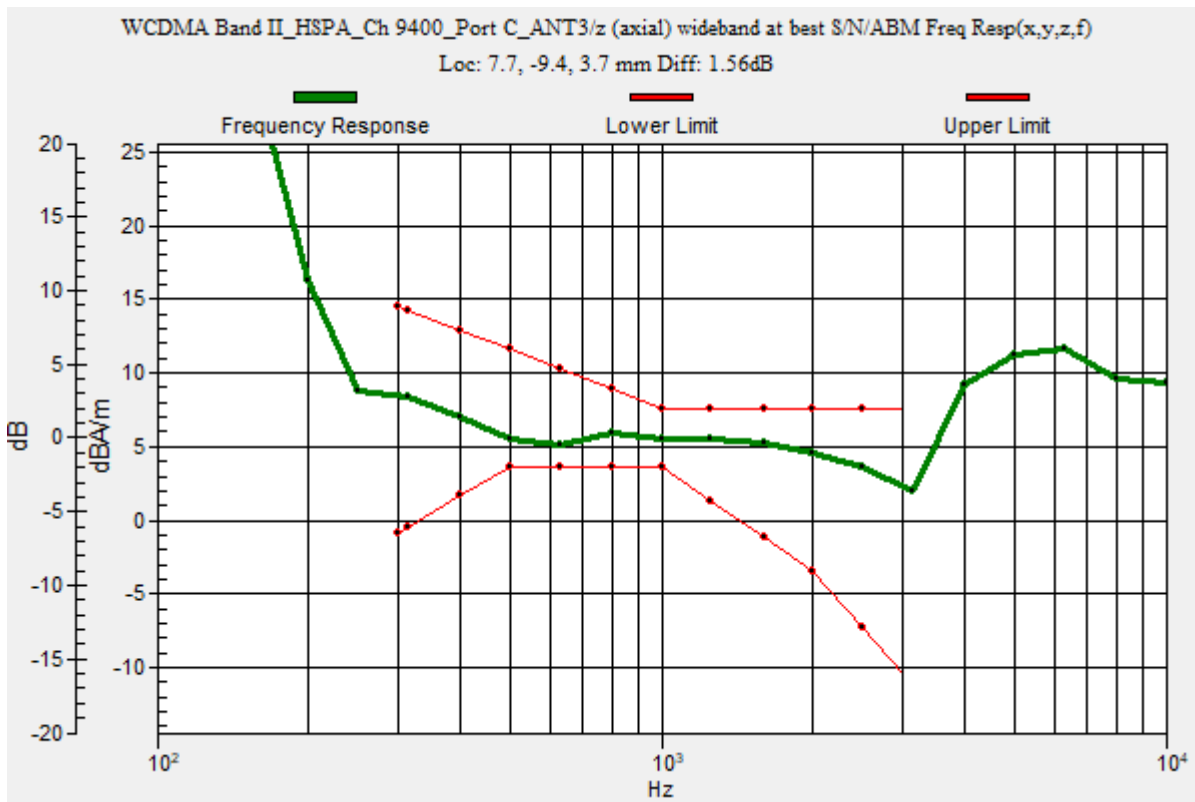
### T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band II\_HSPA\_Ch 9400\_Port C\_ANT3/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_300-3000\_2s.wav  
 Output Gain: 73.03  
 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 = 1.56 dB  
 BWC Factor = 10.80 dB  
 Location: 7.7, -9.4, 3.7 mm



## WCDMA Band II

Communication System: UID 0, 1@UMTS-FDD (WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band II\_HSPA\_Ch 9400\_Port C\_ANT3/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 41.56 dB

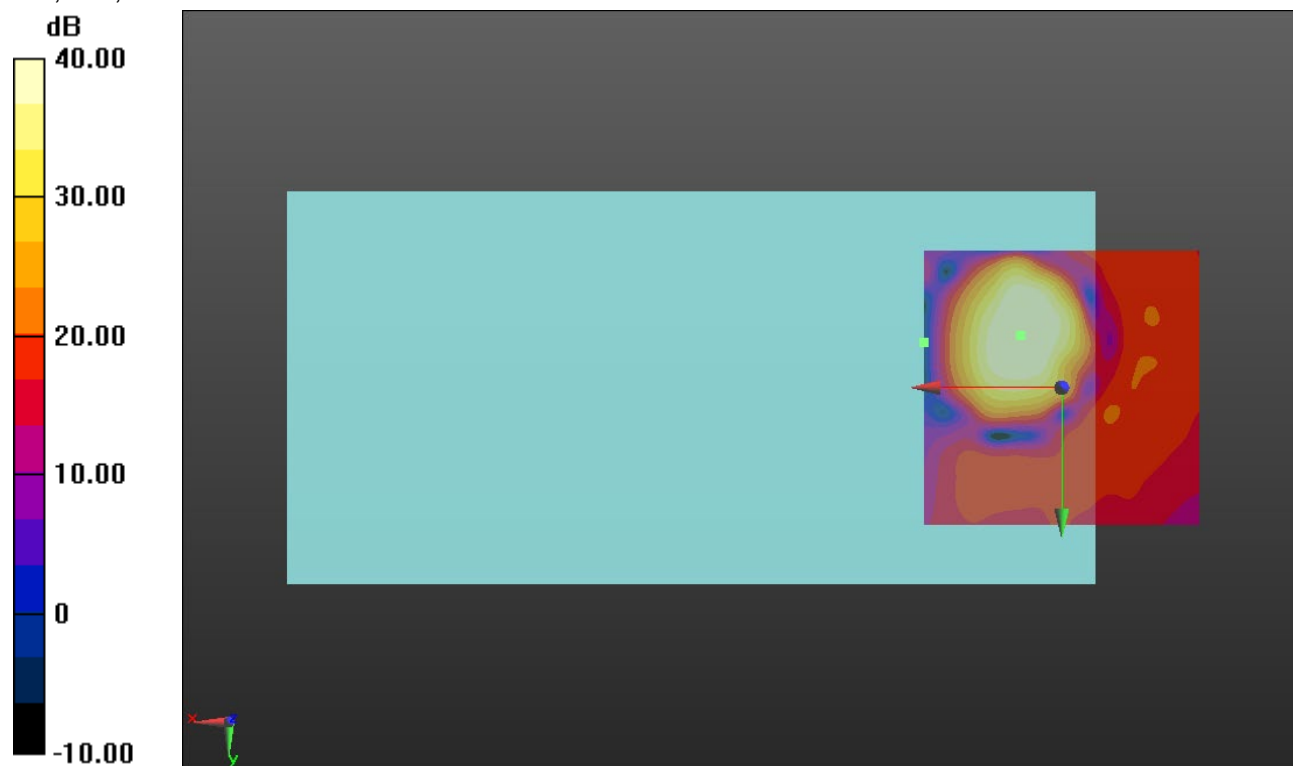
ABM1 comp = 5.23 dBA/m

BWC Factor = 0.16 dB

Location: 7.5, -9.6, 3.7 mm

ABM2 = -28.85 dBA/m

Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB



## WCDMA Band II

Communication System: UID 0, 1@UMTS-FDD (WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band II\_HSPA\_Ch 9400\_Port C\_ANT3/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 44.70 dB

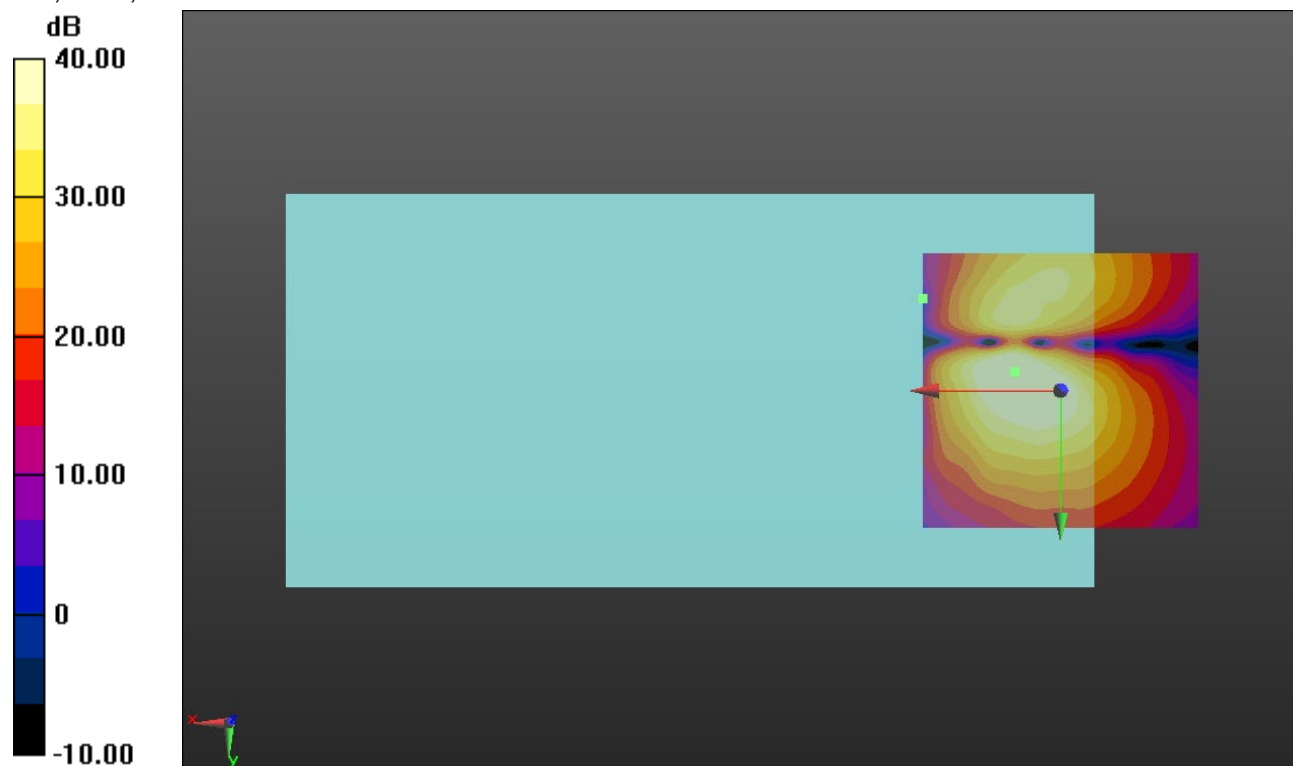
ABM1 comp = -3.51 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, -3.3, 3.7 mm

ABM2 = -20.85 dBA/m

Location: 25, -16.7, 3.7 mm



0 dB = 1.000 = 0.00 dB

### WCDMA Band IV

Communication System: UID 0, 1@UMTS-FDD (WCDMA) (0); Frequency: 1712.4 MHz;Duty Cycle: 1:1

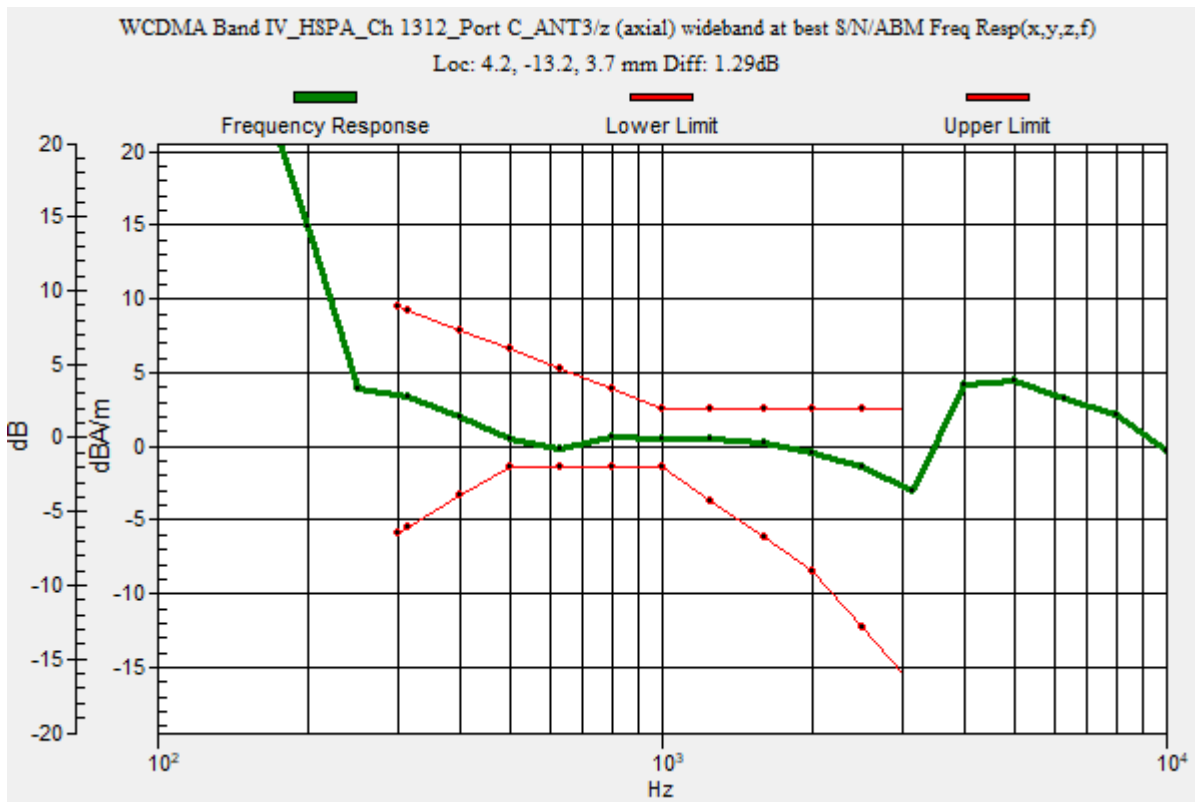
### T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band IV\_HSPA\_Ch 1312\_Port C\_ANT3/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_300-3000\_2s.wav  
 Output Gain: 73.03  
 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 = 1.29 dB  
 BWC Factor = 10.80 dB  
 Location: 4.2, -13.2, 3.7 mm



### WCDMA Band IV

Communication System: UID 0, 1@UMTS-FDD (WCDMA) (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band IV\_HSPA\_Ch 1312\_Port C\_ANT3/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 44.30 dB

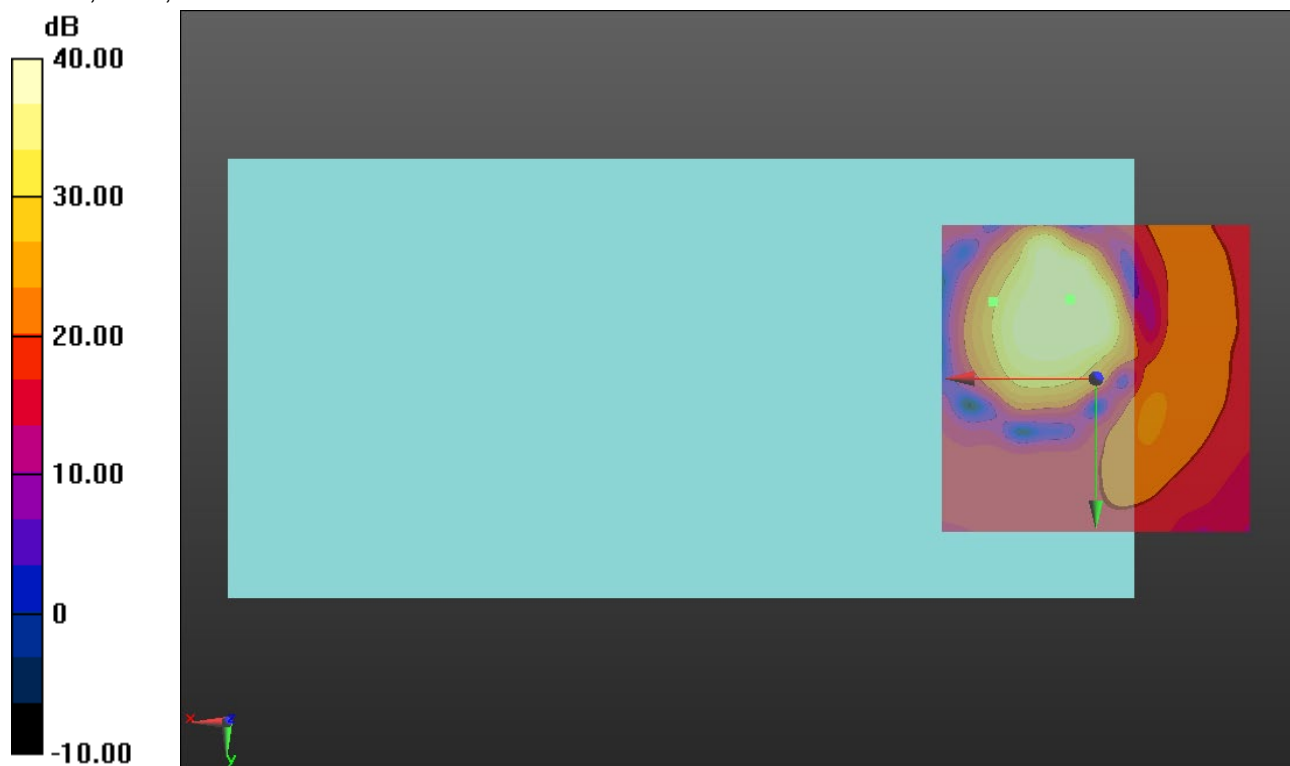
ABM1 comp = -0.44 dBA/m

BWC Factor = 0.16 dB

Location: 4.2, -12.9, 3.7 mm

ABM2 = -33.74 dBA/m

Location: 16.7, -12.5, 3.7 mm



0 dB = 1.000 = 0.00 dB

## WCDMA Band IV

Communication System: UID 0, 1@UMTS-FDD (WCDMA) (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band IV\_HSPA\_Ch 1312\_Port C\_ANT3/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 45.30 dB

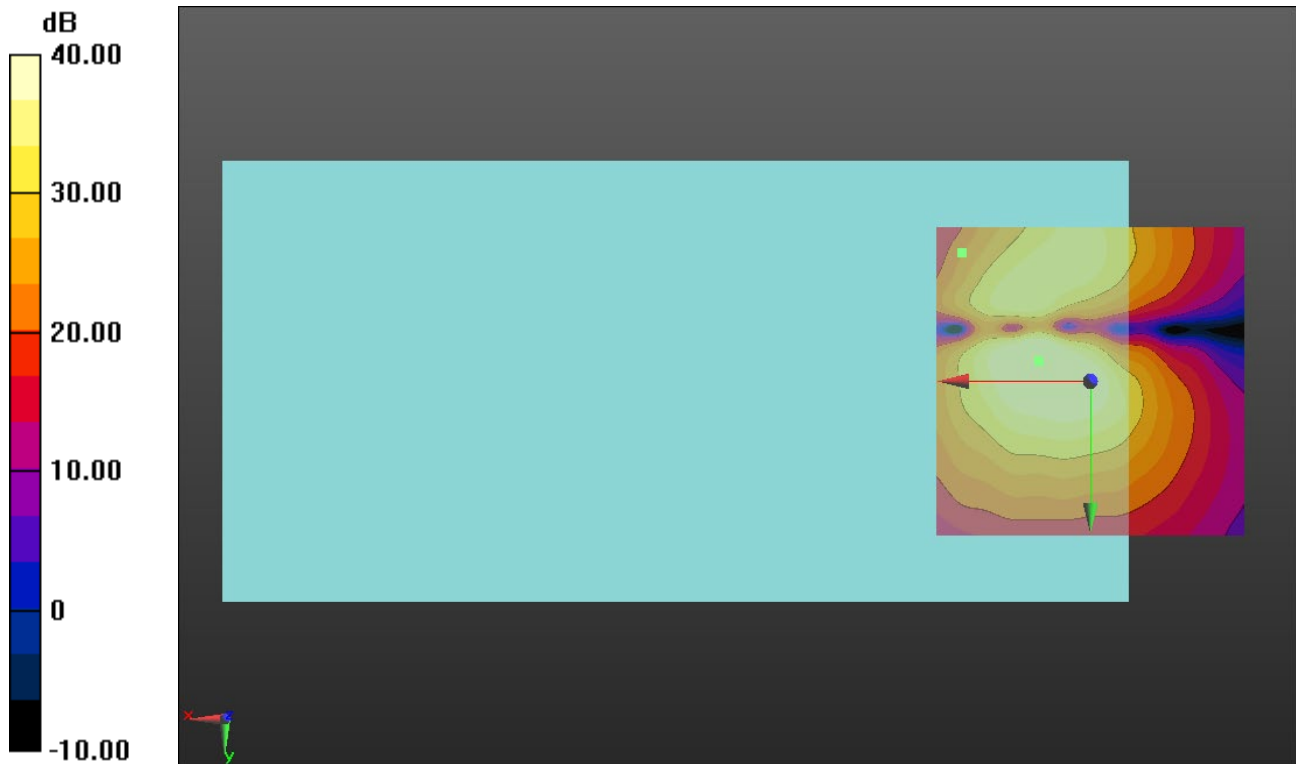
ABM1 comp = -3.89 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, -3.3, 3.7 mm

ABM2 = -36.29 dBA/m

Location: 20.8, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### WCDMA Band V

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

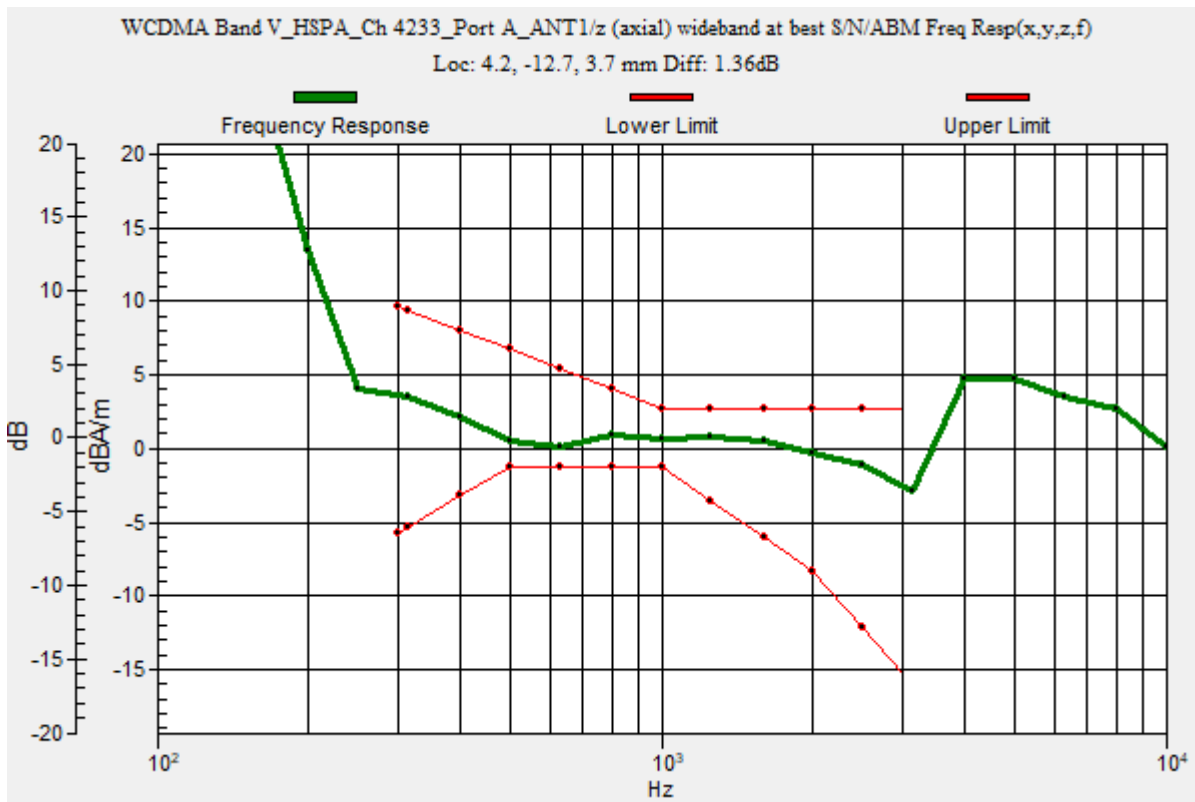
### T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band V\_HSPA\_Ch 4233\_Port A\_ANT1/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_300-3000\_2s.wav  
 Output Gain: 73.03  
 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 = 1.36 dB  
 BWC Factor = 10.80 dB  
 Location: 4.2, -12.7, 3.7 mm



### WCDMA Band V

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band V\_HSPA\_Ch 4233\_Port A\_ANT1/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

**Cursor:**

ABM1/ABM2 = 43.95 dB

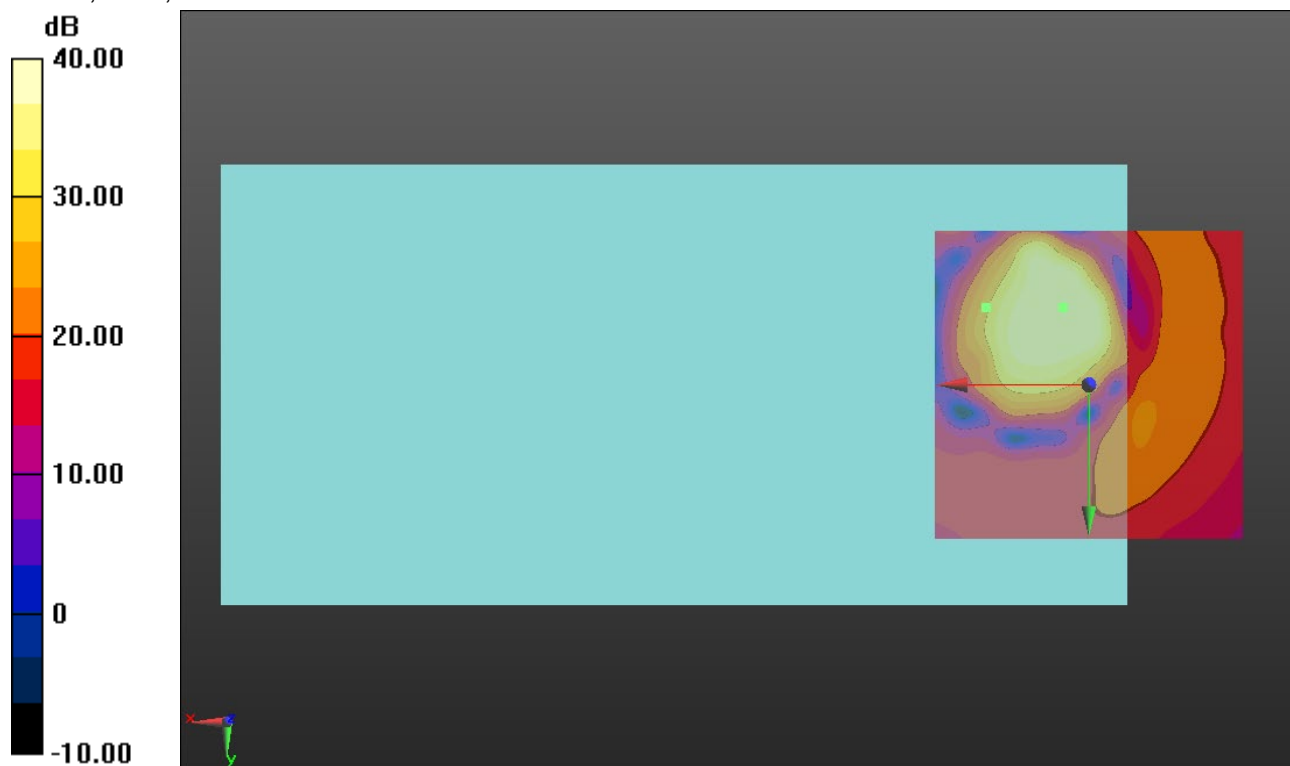
ABM1 comp = -0.14 dBA/m

BWC Factor = 0.16 dB

Location: 4.2, -12.5, 3.7 mm

ABM2 = -33.67 dBA/m

Location: 16.7, -12.5, 3.7 mm



0 dB = 1.000 = 0.00 dB

### WCDMA Band V

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band V\_HSPA\_Ch 4233\_Port A\_ANT1/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 44.83 dB

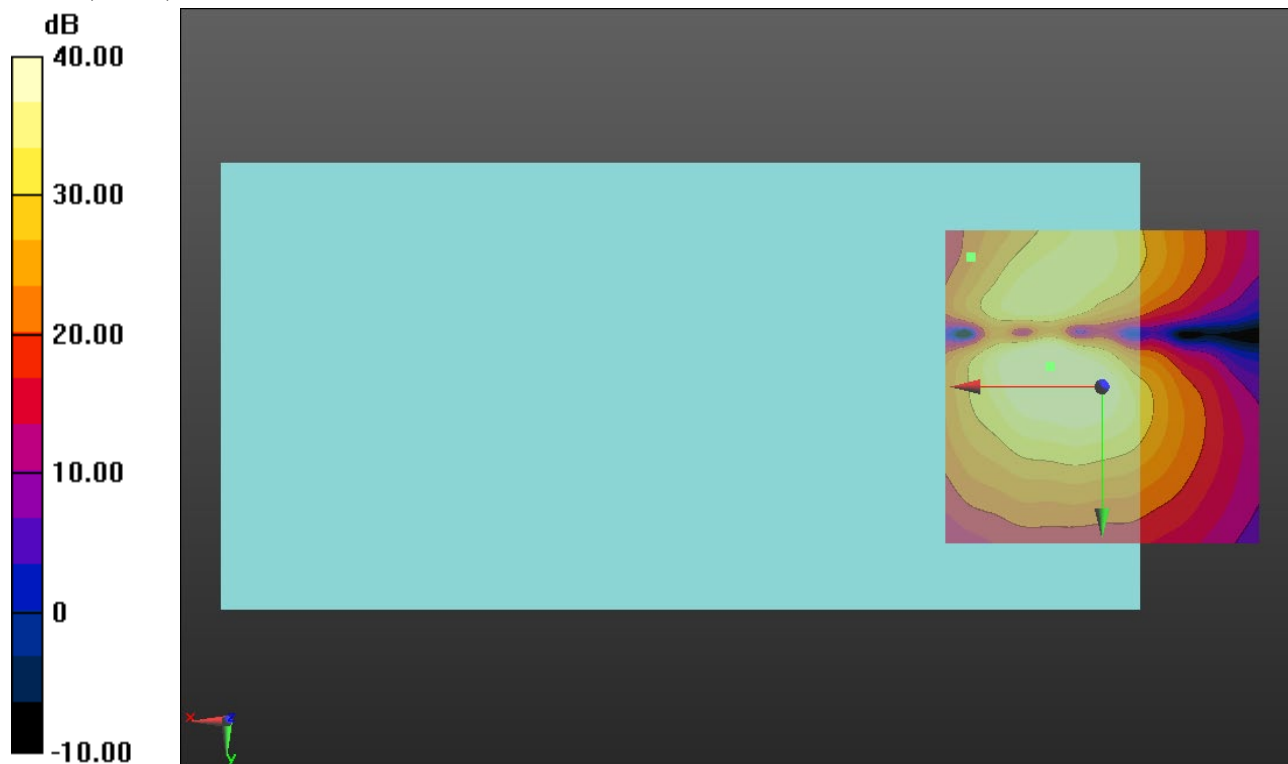
ABM1 comp = -4.07 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, -3.3, 3.7 mm

ABM2 = -35.72 dBA/m

Location: 20.8, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### Ev-Do

Communication System: UID 0, 1@CDMA2000 (0); Frequency: 836.52 MHz;Duty Cycle: 1:1

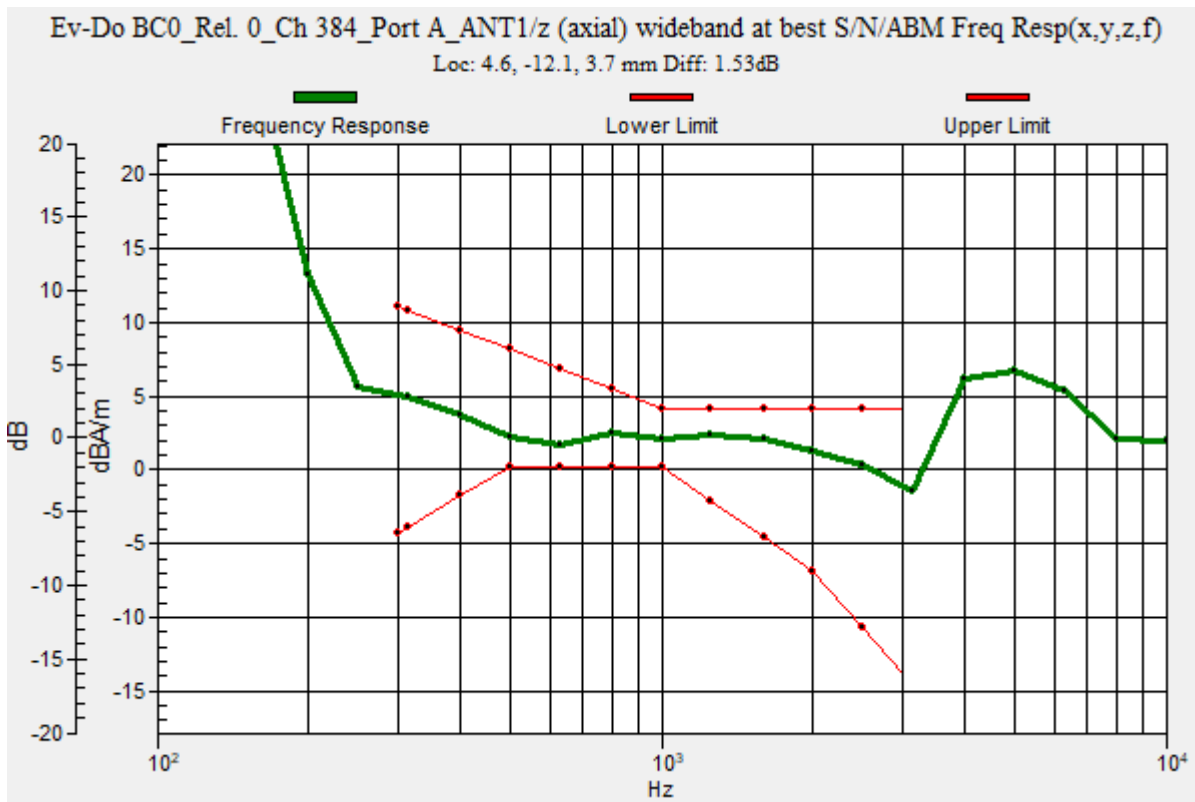
### T-Coil scan (scan for ANSI C63.19 2011 compliance)/Ev-Do BC0\_Rel. 0\_Ch 384\_Port A\_ANT1/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid:

dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_300-3000\_2s.wav  
 Output Gain: 73.03  
 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 = 1.53 dB  
 BWC Factor = 10.80 dB  
 Location: 4.6, -12.1, 3.7 mm





### Ev-Do

Communication System: UID 0, 1@CDMA2000 (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/Ev-Do BC0\_Rel. 0\_Ch 384\_Port A\_ANT1/z (axial) Single Point/ABM SNR(x,y,z) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

Output Gain: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 44.14 dB

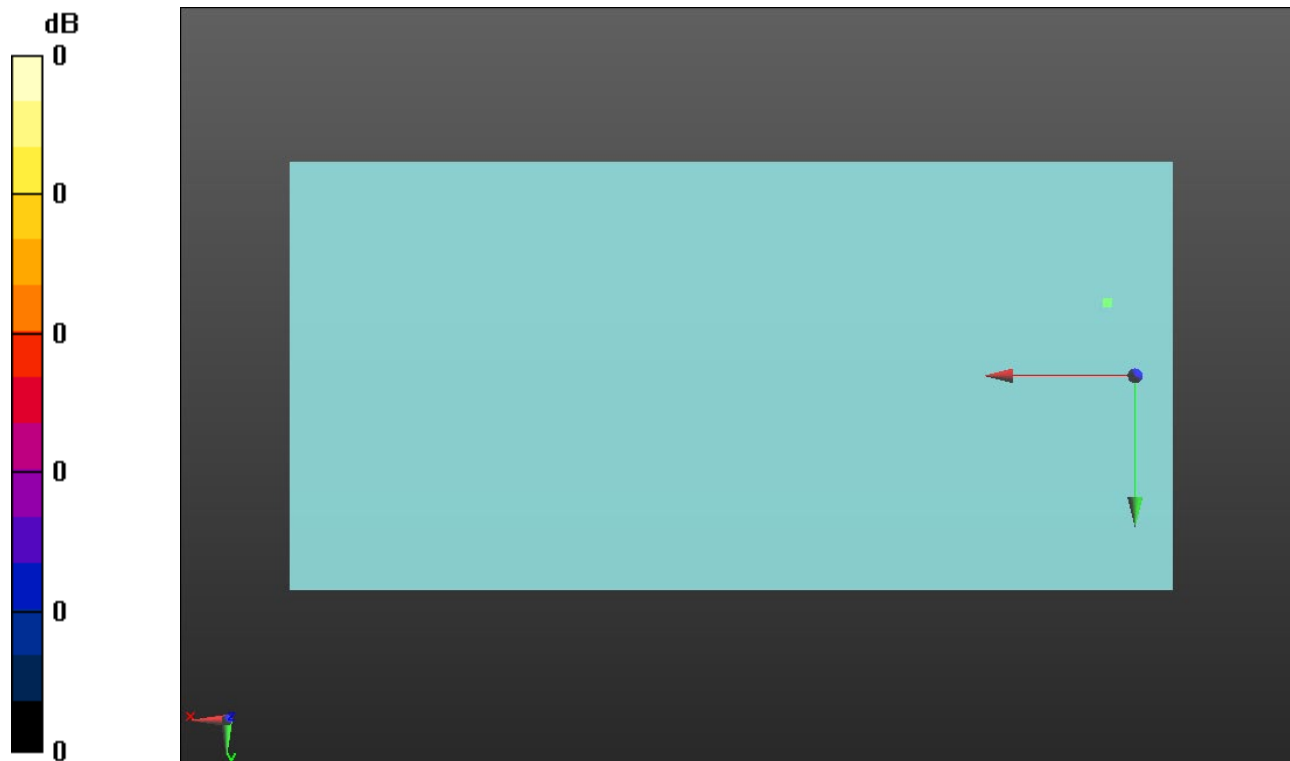
ABM1 comp = 2.24 dBA/m

BWC Factor = 0.16 dB

Location: 4.6, -12.1, 3.7 mm

ABM2 = -41.90 dBA/m

Location: 4.6, -12.1, 3.7 mm



0 dB = 1.000 = 0.00 dB

### Ev-Do

Communication System: UID 0, 1@CDMA2000 (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/Ev-Do BC0\_Rel. 0\_Ch 384\_Port A\_ANT1/y (transversal) Single Point/ABM SNR(x,y,z) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

Output Gain: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 39.33 dB

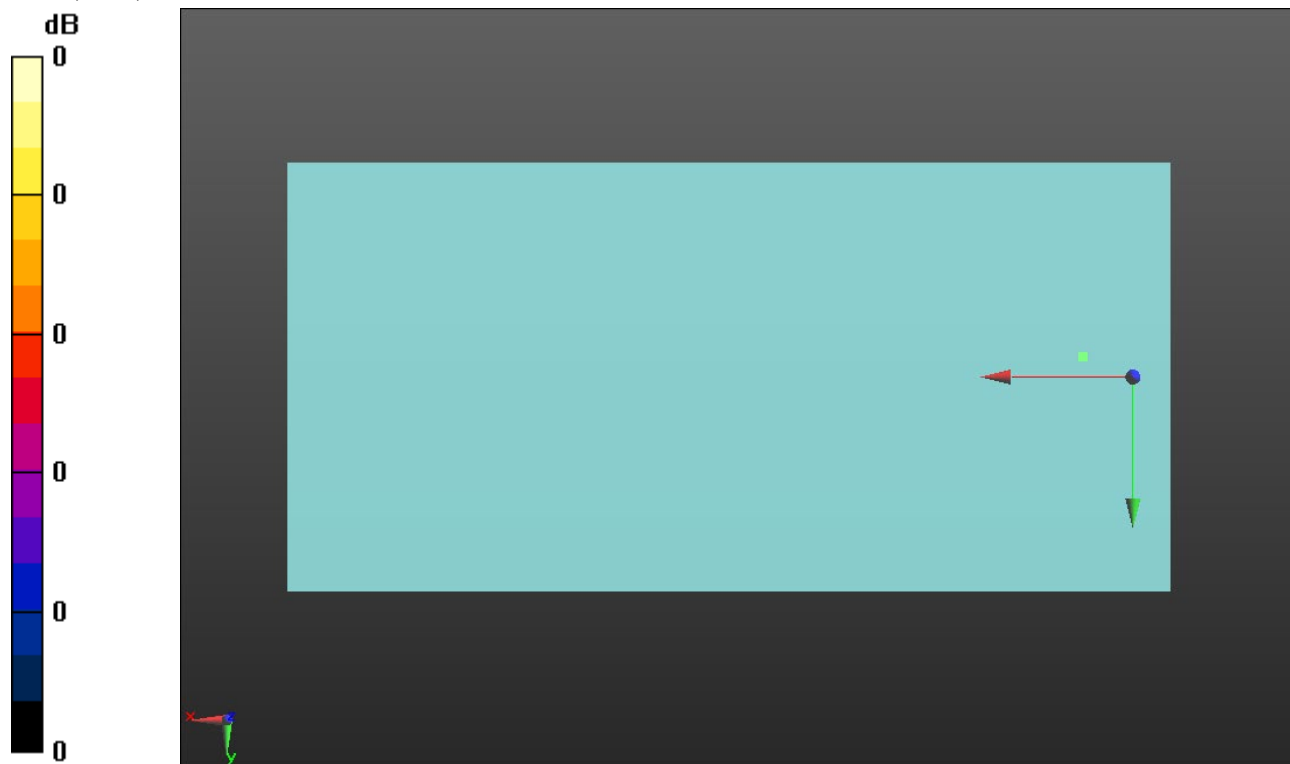
ABM1 comp = -10.99 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, -3.3, 7.2 mm

ABM2 = -50.31 dBA/m

Location: 8.3, -3.3, 7.2 mm



0 dB = 1.000 = 0.00 dB

### Ev-Do BC1

Communication System: UID 0, 1@CDMA2000 (0); Frequency: 1880 MHz;Duty Cycle: 1:1

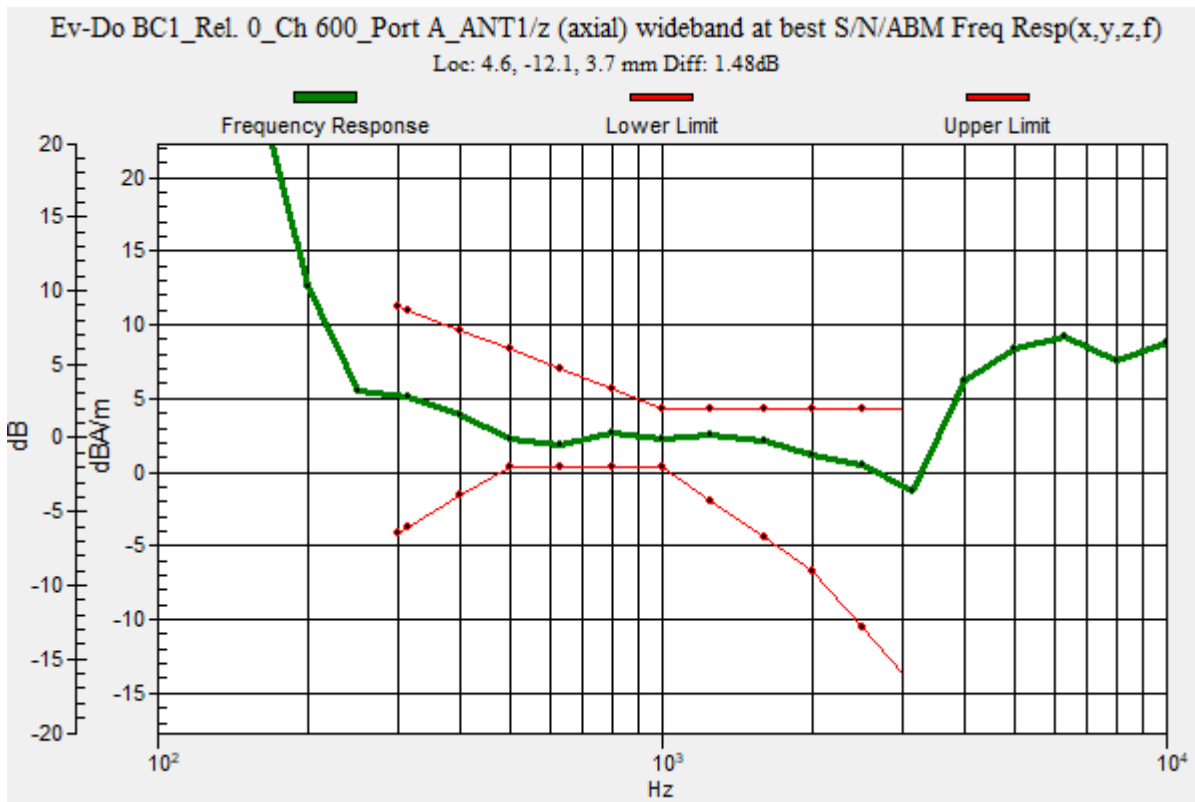
### T-Coil scan (scan for ANSI C63.19 2011 compliance)/Ev-Do BC1\_Rel. 0\_Ch 600\_Port A\_ANT1/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid:

dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_300-3000\_2s.wav  
 Output Gain: 73.03  
 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 = 1.48 dB  
 BWC Factor = 10.80 dB  
 Location: 4.6, -12.1, 3.7 mm



### Ev-Do BC1

Communication System: UID 0, 1@CDMA2000 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/Ev-Do BC1\_Rel. 0\_Ch 600\_Port A\_ANT1/z (axial) Single Point/ABM SNR(x,y,z) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

Output Gain: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 42.83 dB

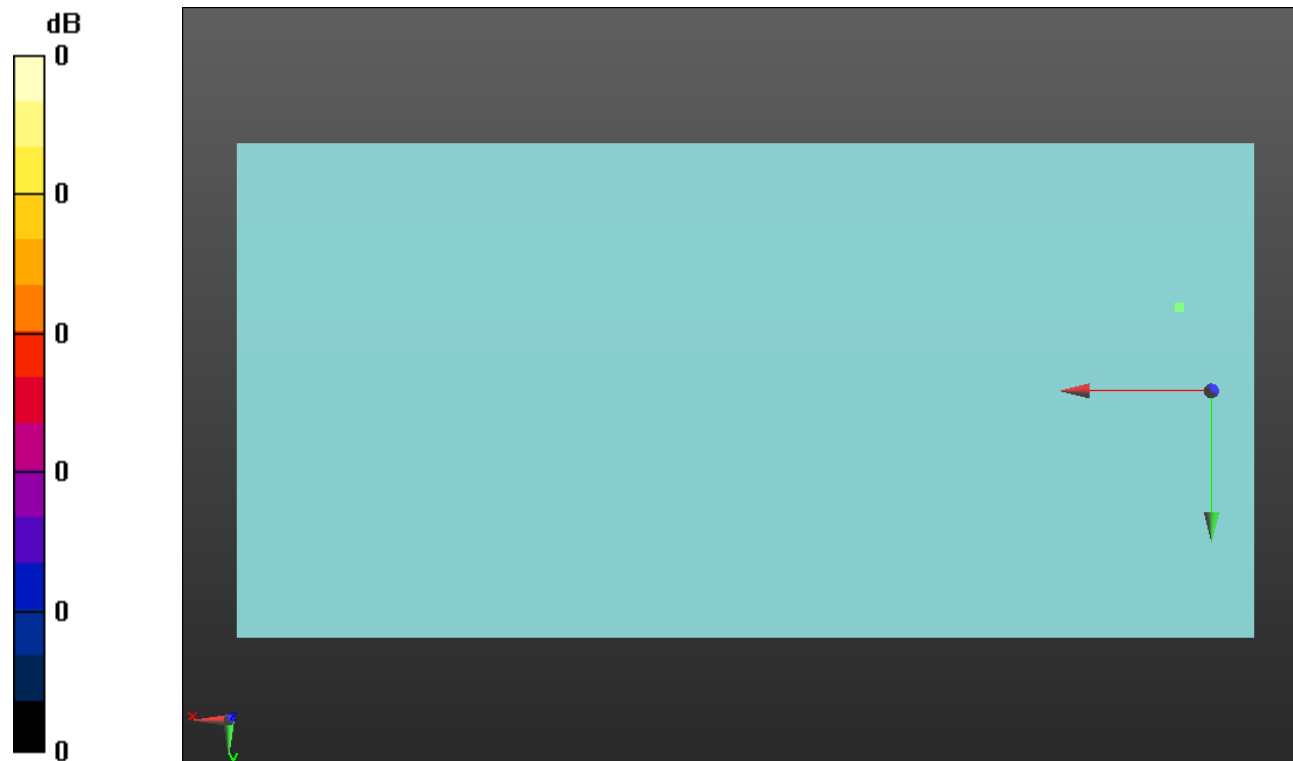
ABM1 comp = 2.32 dBA/m

BWC Factor = 0.16 dB

Location: 4.6, -12.1, 3.7 mm

ABM2 = -40.51 dBA/m

Location: 4.6, -12.1, 3.7 mm



0 dB = 1.000 = 0.00 dB

### Ev-Do BC1

Communication System: UID 0, 1@CDMA2000 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/Ev-Do BC1\_Rel. 0\_Ch 600\_Port

**A\_ANT1/y (transversal) Single Point/ABM SNR(x,y,z) (1x1x1):** Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

Output Gain: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 43.94 dB

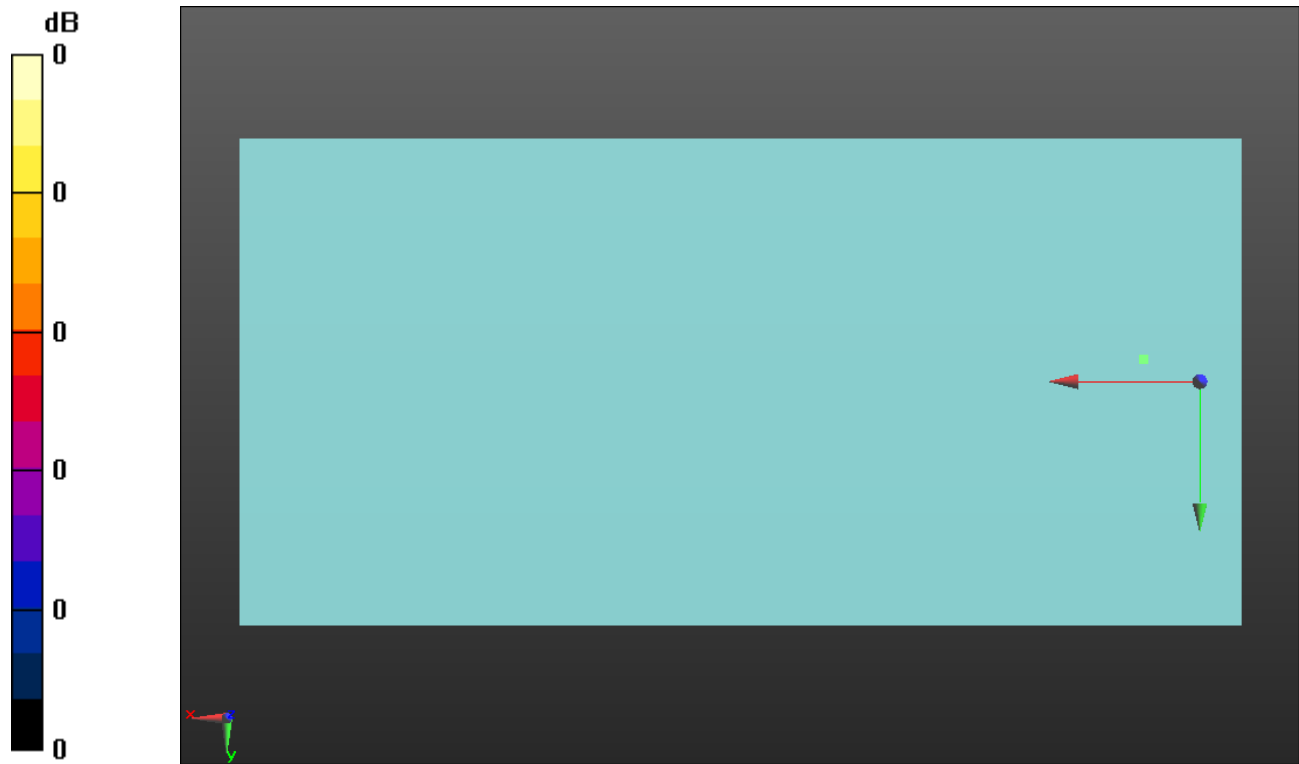
ABM1 comp = -4.02 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, -3.3, 3.7 mm

ABM2 = -47.96 dBA/m

Location: 8.3, -3.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

### Ev-Do BC10

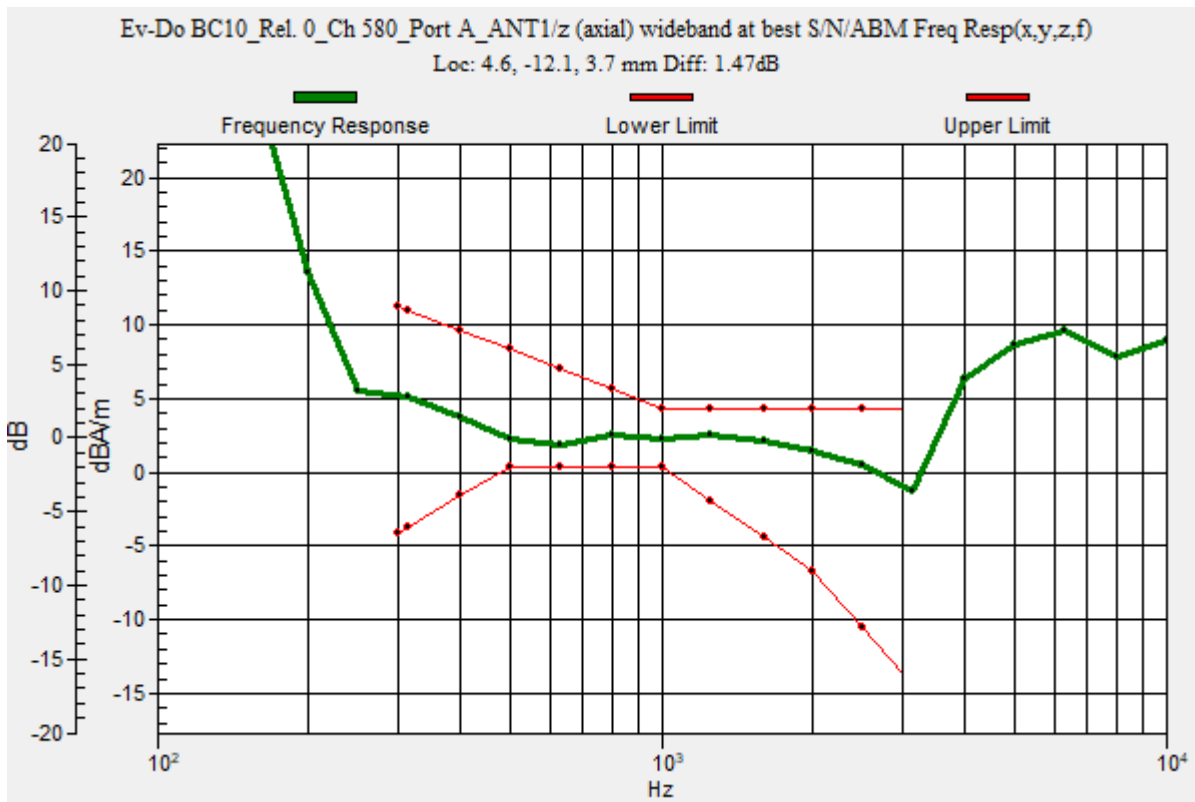
Communication System: UID 0, 1@CDMA2000 (0); Frequency: 820.5 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/Ev-Do BC10\_Rel. 0\_Ch 580\_Port A\_ANT1/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: 73.03  
 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 = 1.47 dB  
 BWC Factor = 10.80 dB  
 Location: 4.6, -12.1, 3.7 mm



### Ev-Do BC10

Communication System: UID 0, 1@CDMA2000 (0); Frequency: 820.5 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/Ev-Do BC10\_Rel. 0\_Ch 580\_Port

**A\_ANT1/z (axial) Single Point/ABM SNR(x,y,z) (1x1x1):** Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

Output Gain: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 43.03 dB

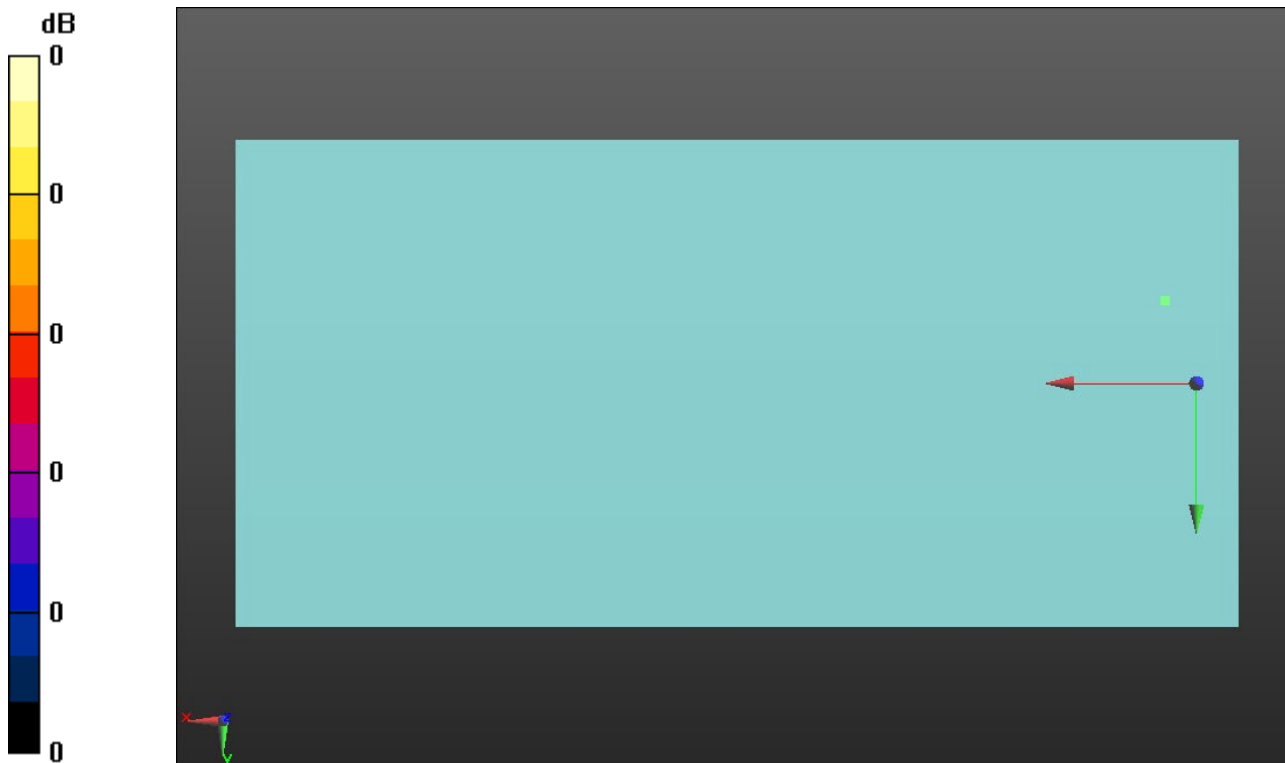
ABM1 comp = 2.47 dBA/m

BWC Factor = 0.16 dB

Location: 4.6, -12.1, 3.7 mm

ABM2 = -40.56 dBA/m

Location: 4.6, -12.1, 3.7 mm



0 dB = 1.000 = 0.00 dB

### Ev-Do BC10

Communication System: UID 0, 1@CDMA2000 (0); Frequency: 820.5 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/Ev-Do BC10\_Rel. 0\_Ch 580\_Port

**A\_ANT1/y (transversal) Single Point/ABM SNR(x,y,z) (1x1x1):** Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k\_voice\_1kHz\_1s.wav

Output Gain: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 44.25 dB

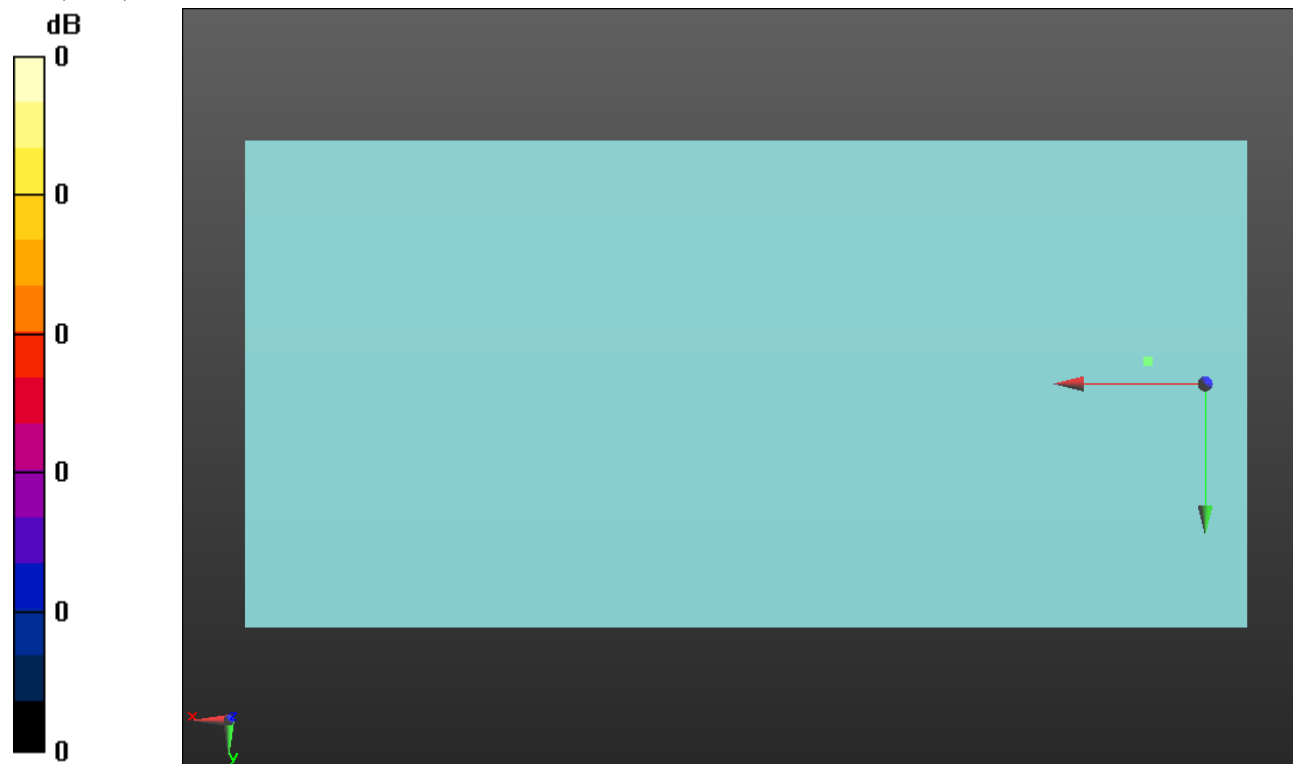
ABM1 comp = -3.92 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, -3.3, 3.7 mm

ABM2 = -48.17 dBA/m

Location: 8.3, -3.3, 3.7 mm



0 dB = 1.000 = 0.00 dB



## LTE Band 2

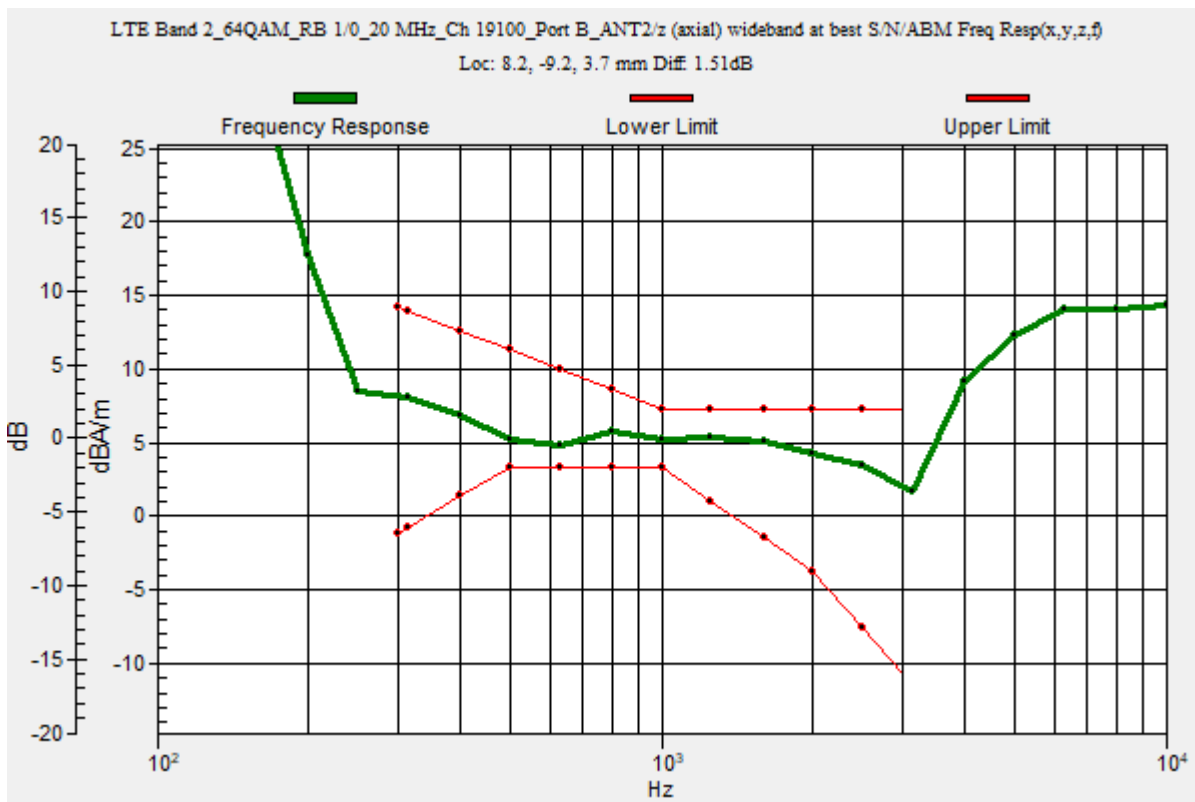
Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1900 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 2\_64QAM\_RB 1/0\_20 MHz\_Ch 19100\_Port B\_ANT2/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: 73.03  
 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: 8.2, -9.2, 3.7 mm



## LTE Band 2

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 2\_64QAM\_RB 1/0\_20 MHz\_Ch 19100\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 41.23 dB

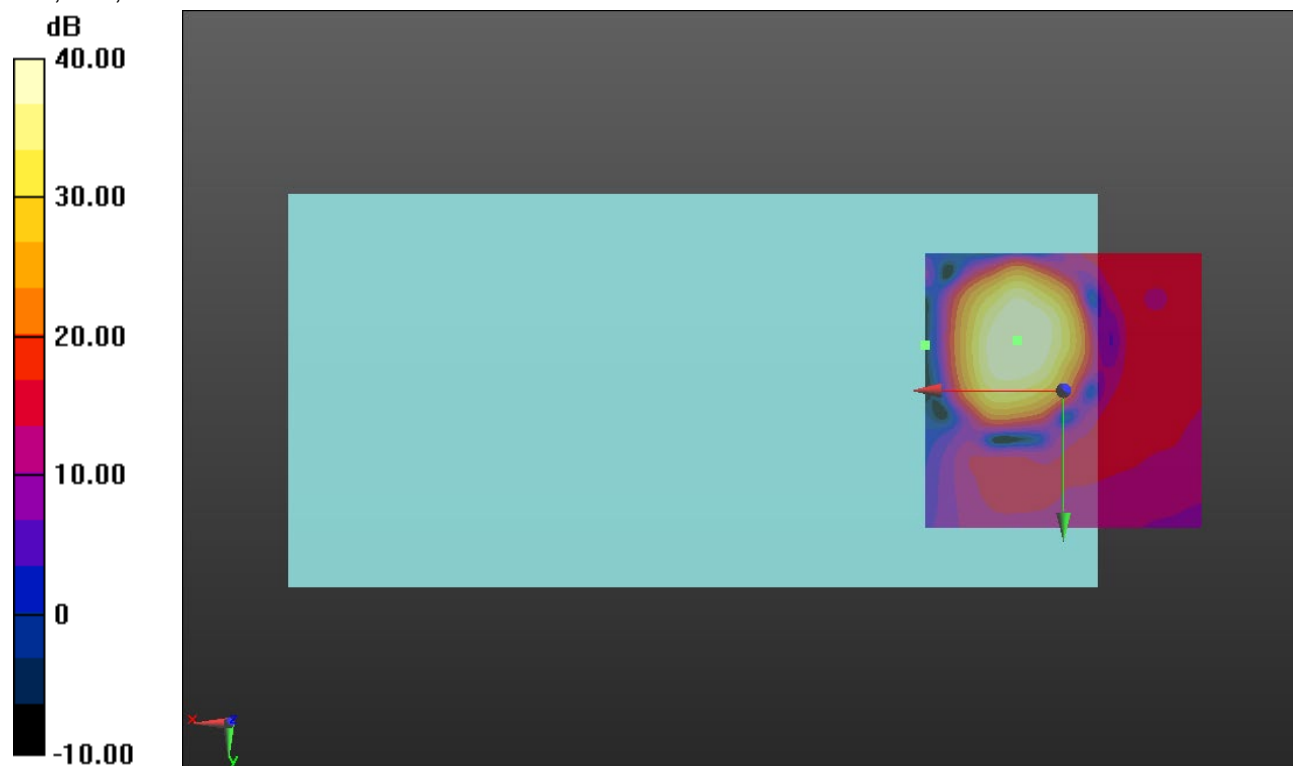
ABM1 comp = 5.41 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, -9.2, 3.7 mm

ABM2 = -23.22 dBA/m

Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

## LTE Band 2

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 2\_64QAM\_RB 1/0\_20 MHz\_Ch 19100\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 41.21 dB

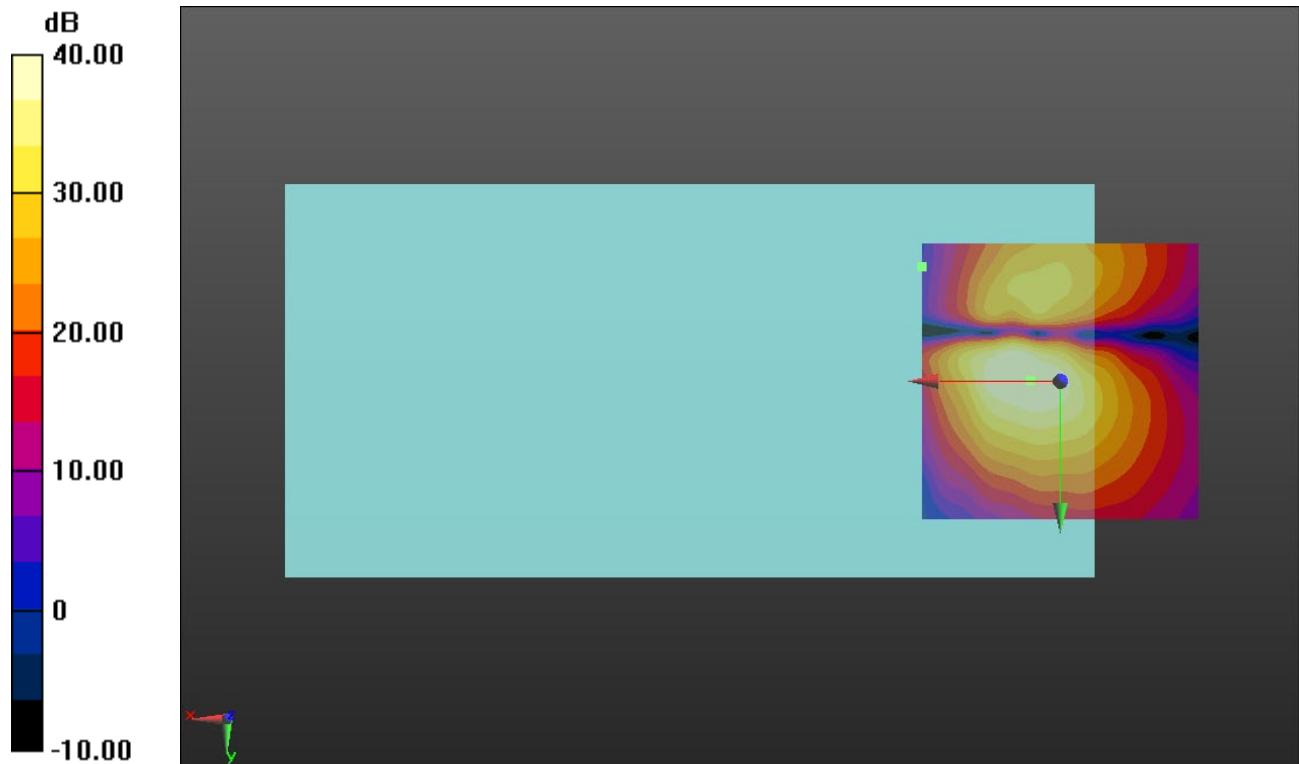
ABM1 comp = -4.98 dBA/m

BWC Factor = 0.16 dB

Location: 5.4, 0, 3.7 mm

ABM2 = -22.84 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 4

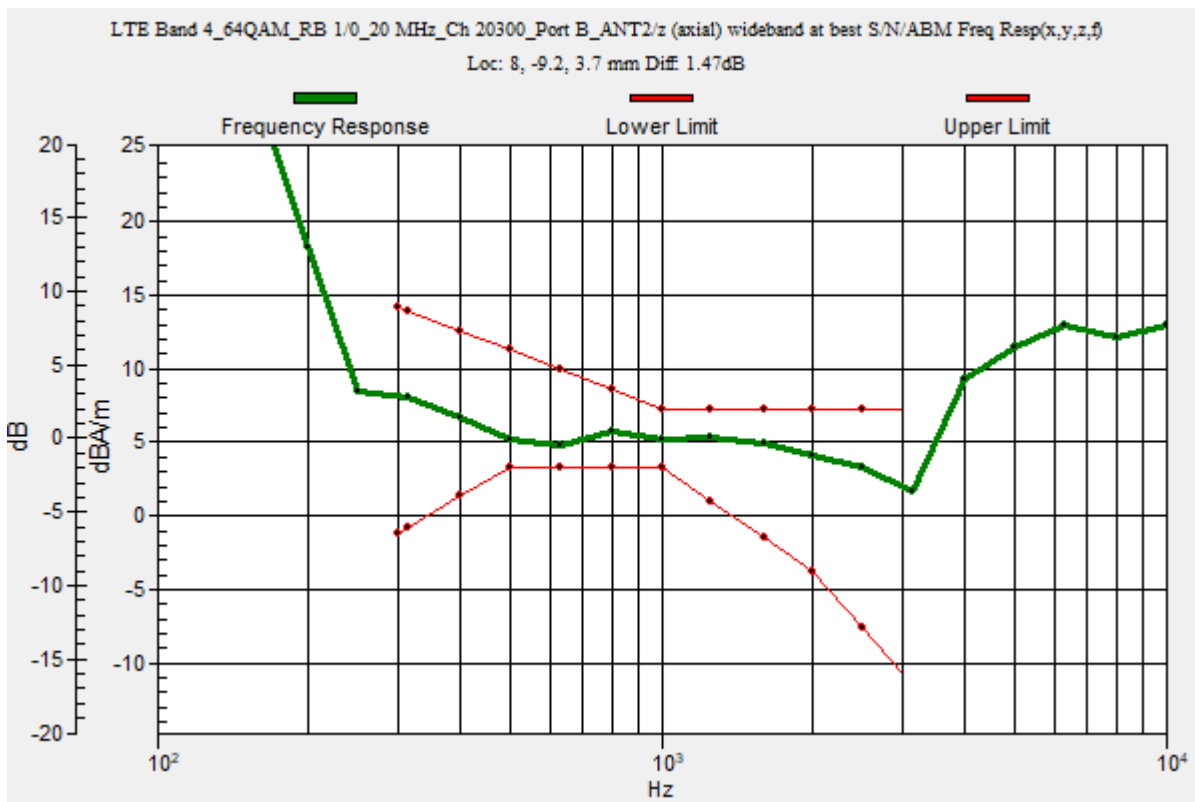
Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1745 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 4\_64QAM\_RB 1/0\_20 MHz\_Ch 20300\_Port B\_ANT2/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: 73.03  
 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 = 1.47 dB  
 BWC Factor = 10.80 dB  
 Location: 8, -9.2, 3.7 mm



### LTE Band 4

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 4\_64QAM\_RB 1/0\_20 MHz\_Ch 20300\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 41.18 dB

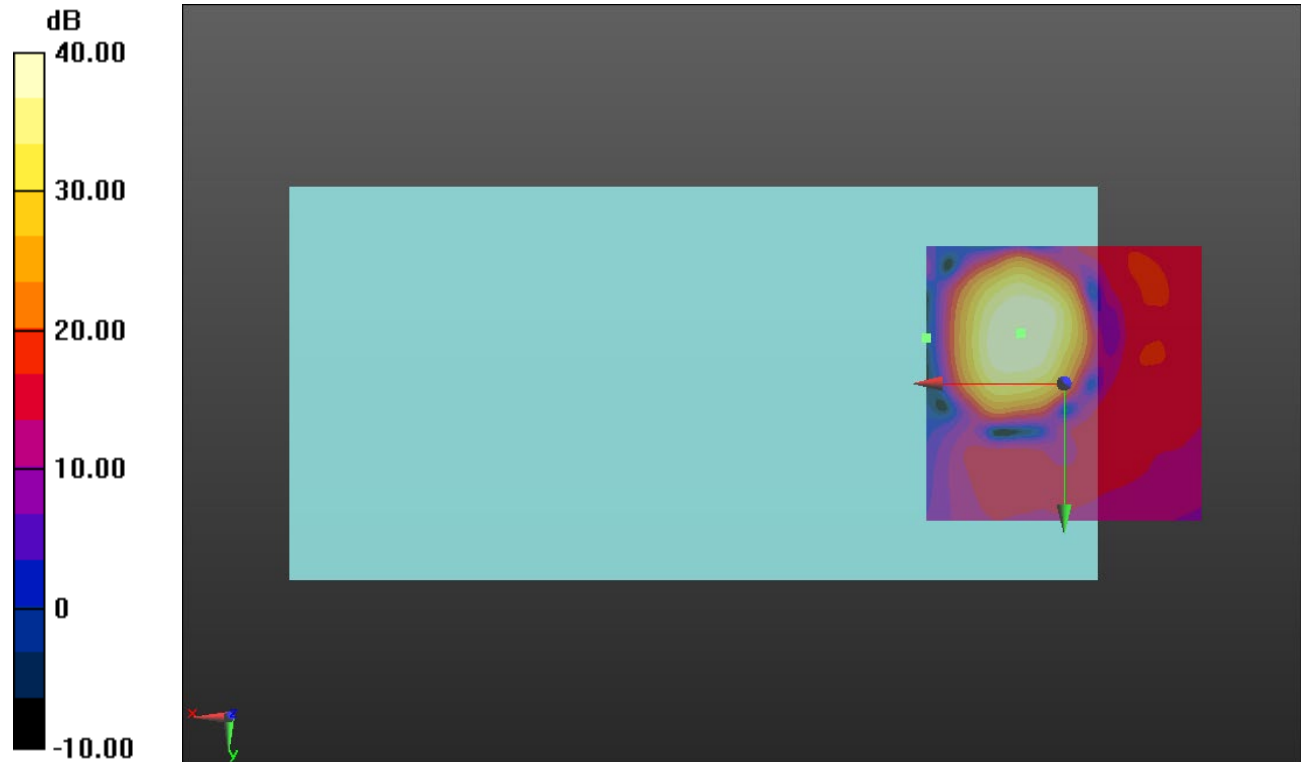
ABM1 comp = 5.10 dBA/m

BWC Factor = 0.16 dB

Location: 7.9, -9.2, 3.7 mm

ABM2 = -24.78 dBA/m

Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 4

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 4\_64QAM\_RB 1/0\_20 MHz\_Ch 20300\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 41.99 dB

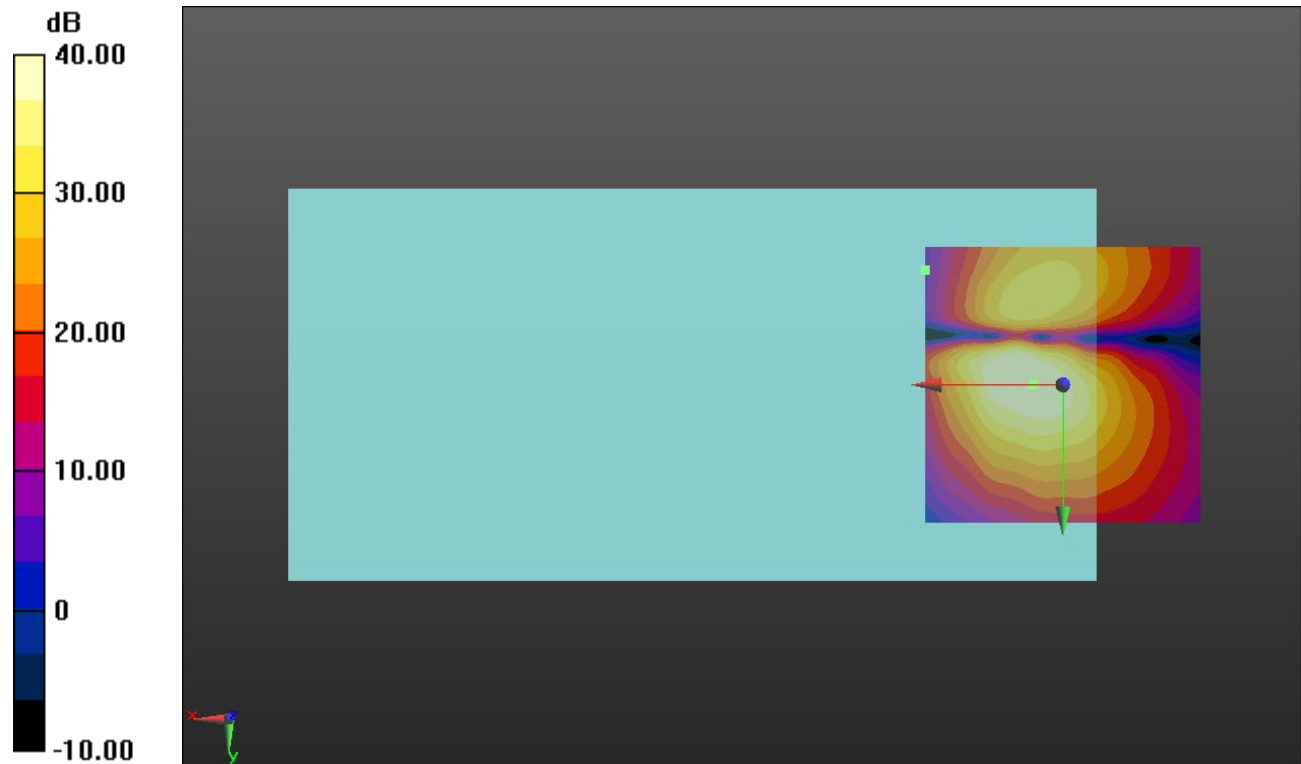
ABM1 comp = -4.99 dBA/m

BWC Factor = 0.16 dB

Location: 5.4, 0, 3.7 mm

ABM2 = -24.32 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 5

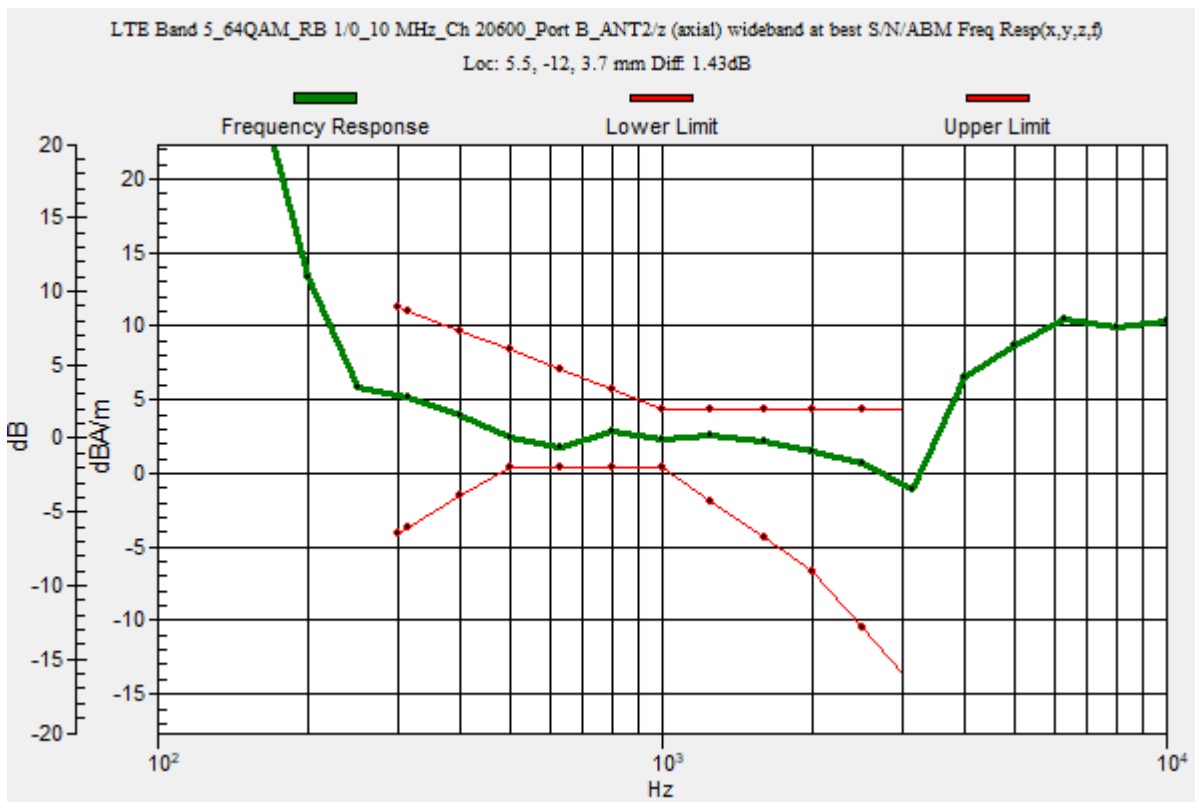
Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 844 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 5\_64QAM\_RB 1/0\_10 MHz\_Ch 20600\_Port B\_ANT2/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: 73.03  
 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: 5.5, -12, 3.7 mm



## LTE Band 5

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 844 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 5\_64QAM\_RB 1/0\_10 MHz\_Ch 20600\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 42.28 dB

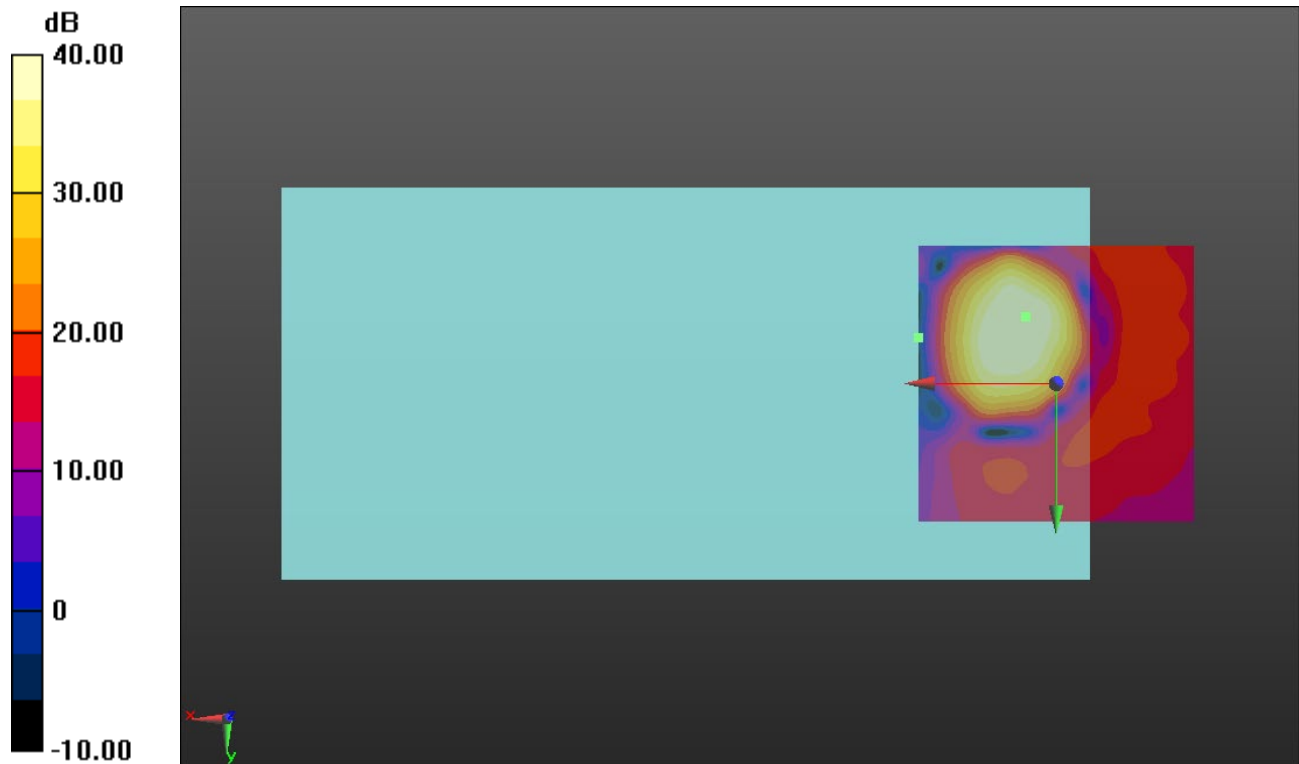
ABM1 comp = 1.35 dBA/m

BWC Factor = 0.16 dB

Location: 5.4, -12.1, 3.7 mm

ABM2 = -26.14 dBA/m

Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB



### LTE Band 5

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 844 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 5\_64QAM\_RB 1/0\_10 MHz\_Ch 20600\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 43.56 dB

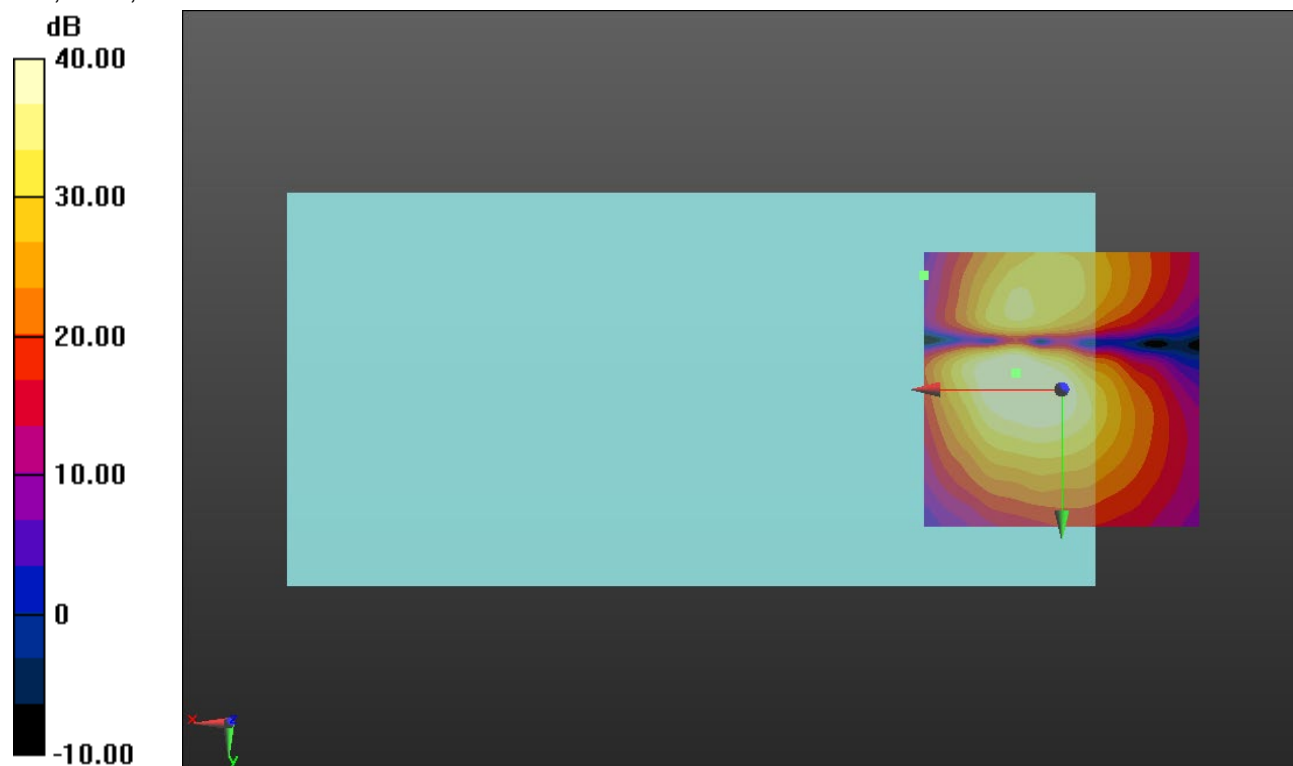
ABM1 comp = -3.94 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, -2.9, 3.7 mm

ABM2 = -26.81 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 7

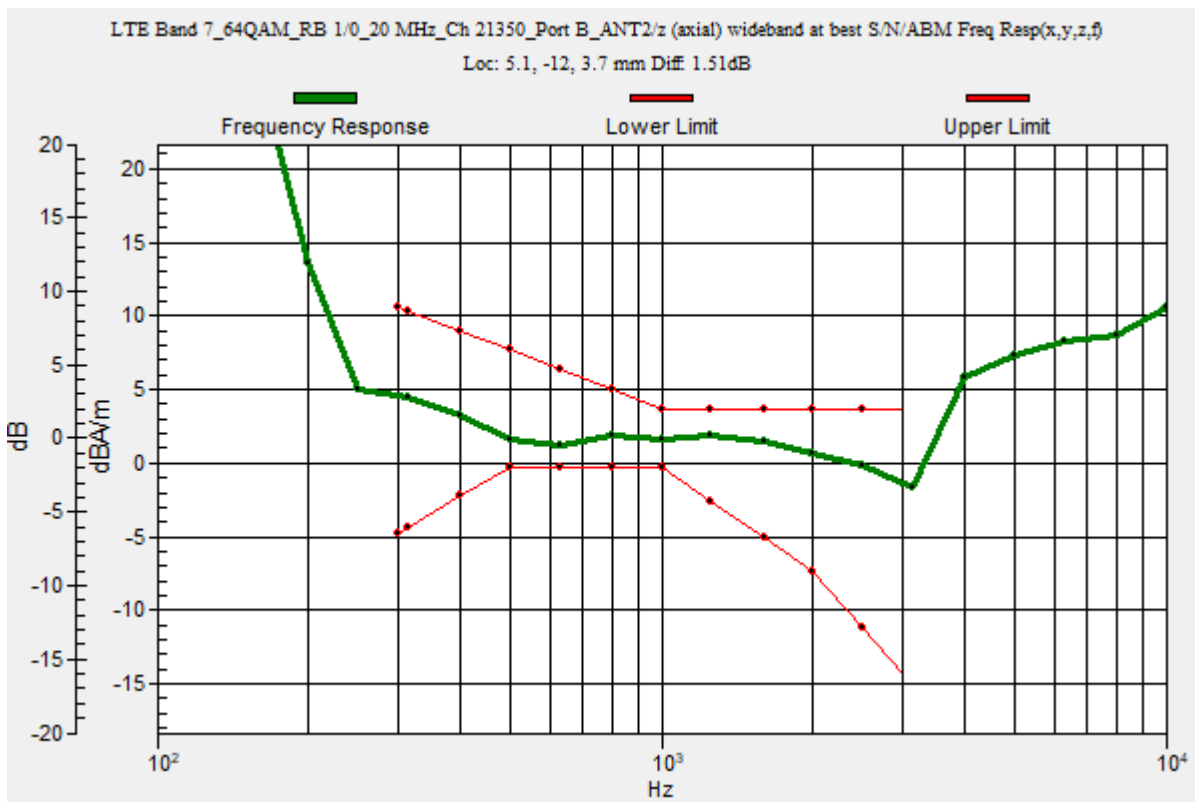
Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 2560 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 7\_64QAM\_RB 1/0\_20 MHz\_Ch 21350\_Port B\_ANT2/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: 73.03  
 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: 5.1, -12, 3.7 mm



## LTE Band 7

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 7\_64QAM\_RB 1/0\_20 MHz\_Ch 21350\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 42.60 dB

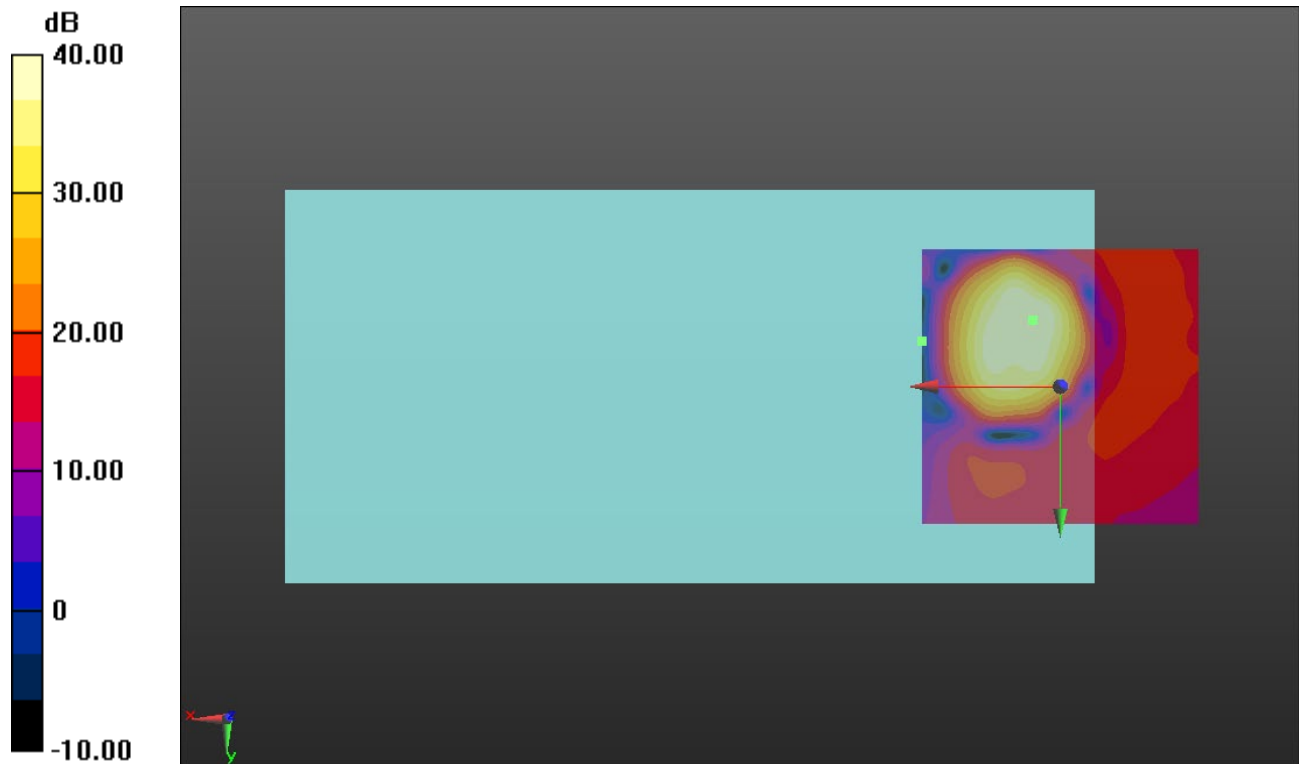
ABM1 comp = 0.63 dBA/m

BWC Factor = 0.16 dB

Location: 5, -12.1, 3.7 mm

ABM2 = -27.69 dBA/m

Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

## LTE Band 7

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 7\_64QAM\_RB 1/0\_20 MHz\_Ch 21350\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 43.10 dB

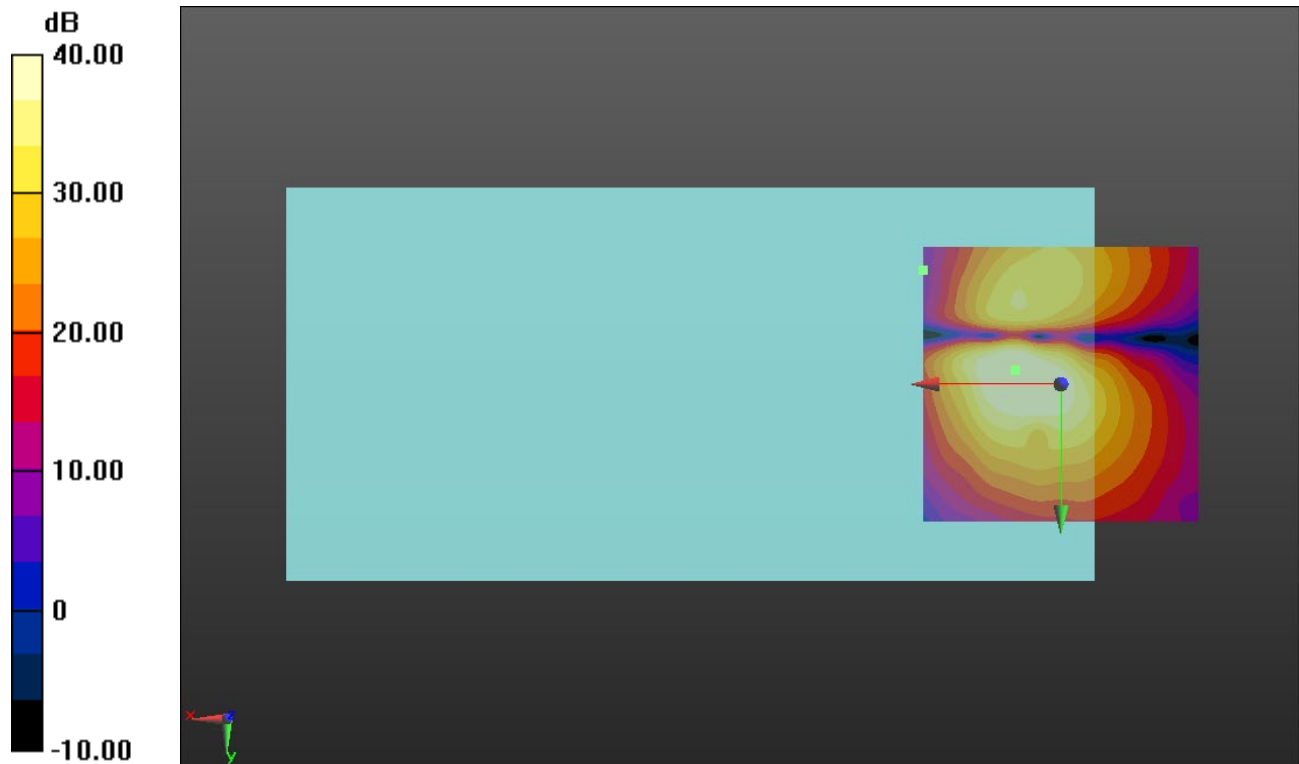
ABM1 comp = -3.88 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, -2.5, 3.7 mm

ABM2 = -26.00 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 12

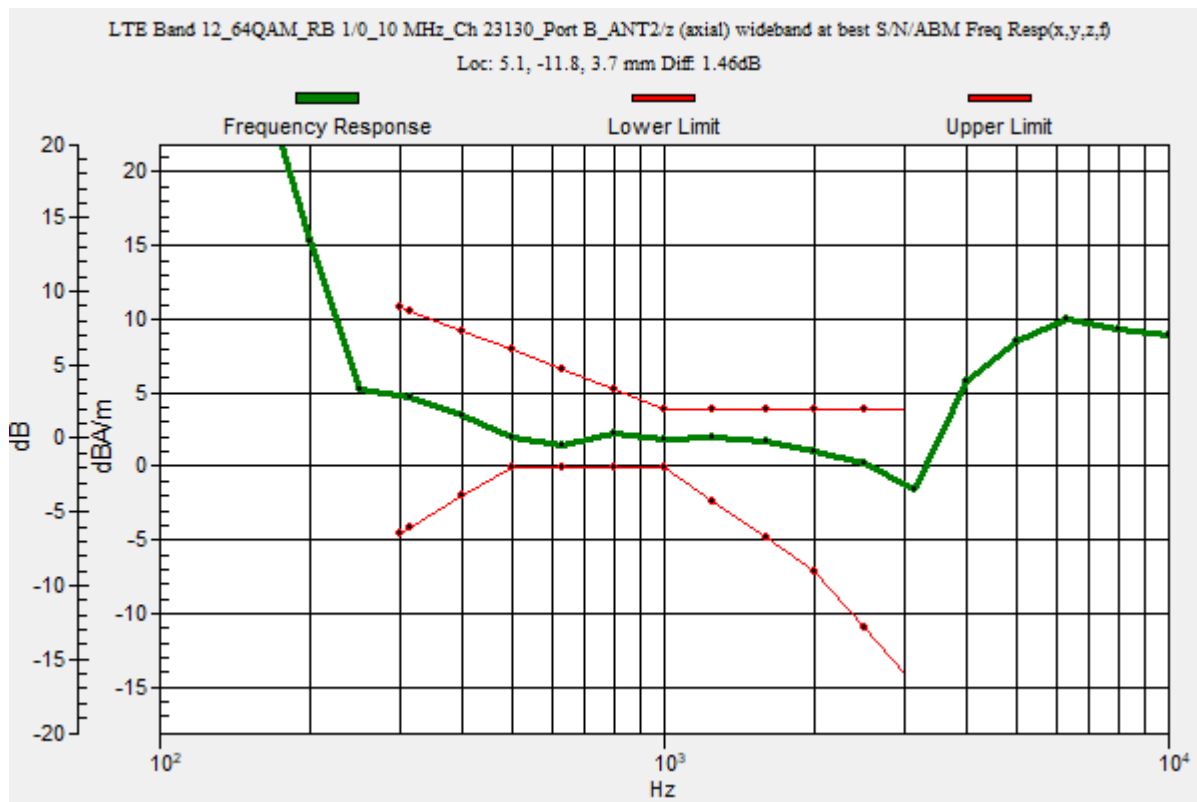
Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 711 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 12\_64QAM\_RB 1/0\_10 MHz\_Ch 23130\_Port B\_ANT2/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: 73.03  
 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 = 1.46 dB  
 BWC Factor = 10.80 dB  
 Location: 5.1, -11.8, 3.7 mm



### LTE Band 12

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 711 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 12\_64QAM\_RB 1/0\_10 MHz\_Ch 23130\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 42.22 dB

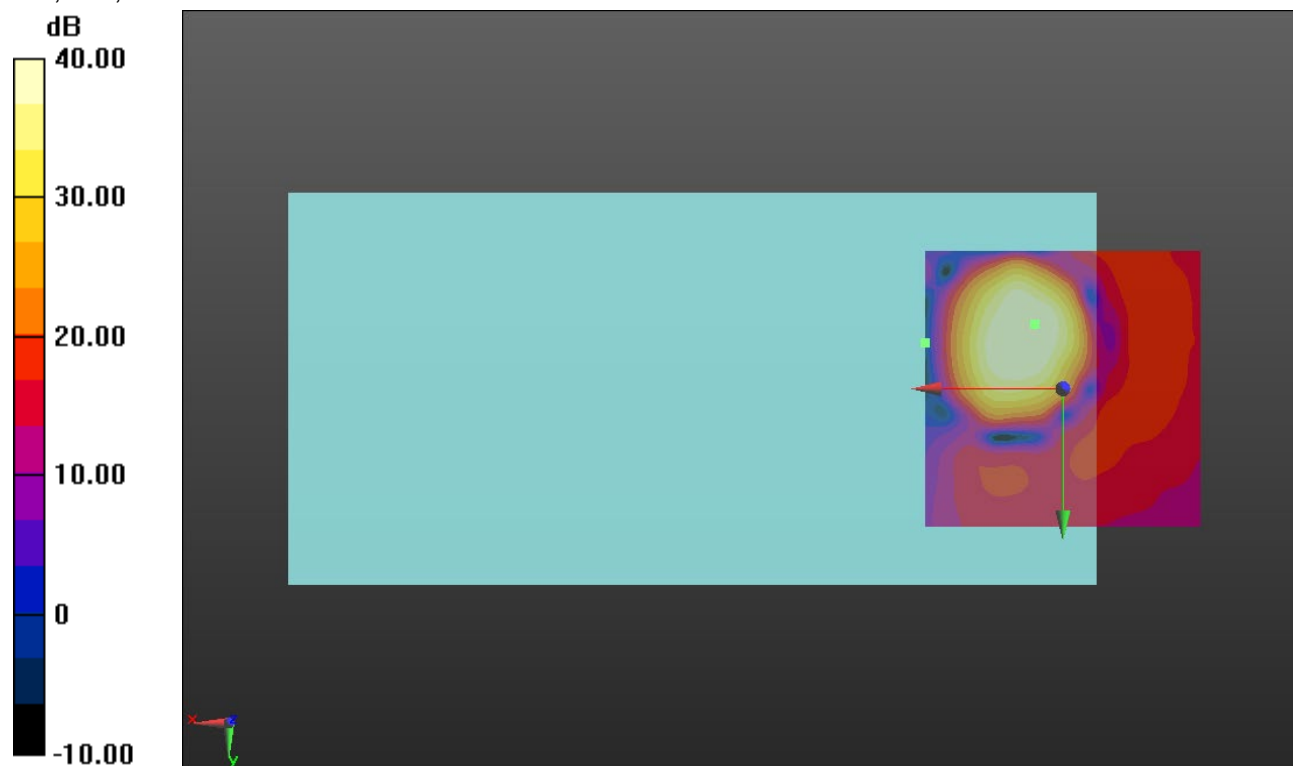
ABM1 comp = 0.84 dBA/m

BWC Factor = 0.16 dB

Location: 5, -11.7, 3.7 mm

ABM2 = -26.68 dBA/m

Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

## LTE Band 12

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 711 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 12\_64QAM\_RB 1/0\_10 MHz\_Ch 23130\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 43.31 dB

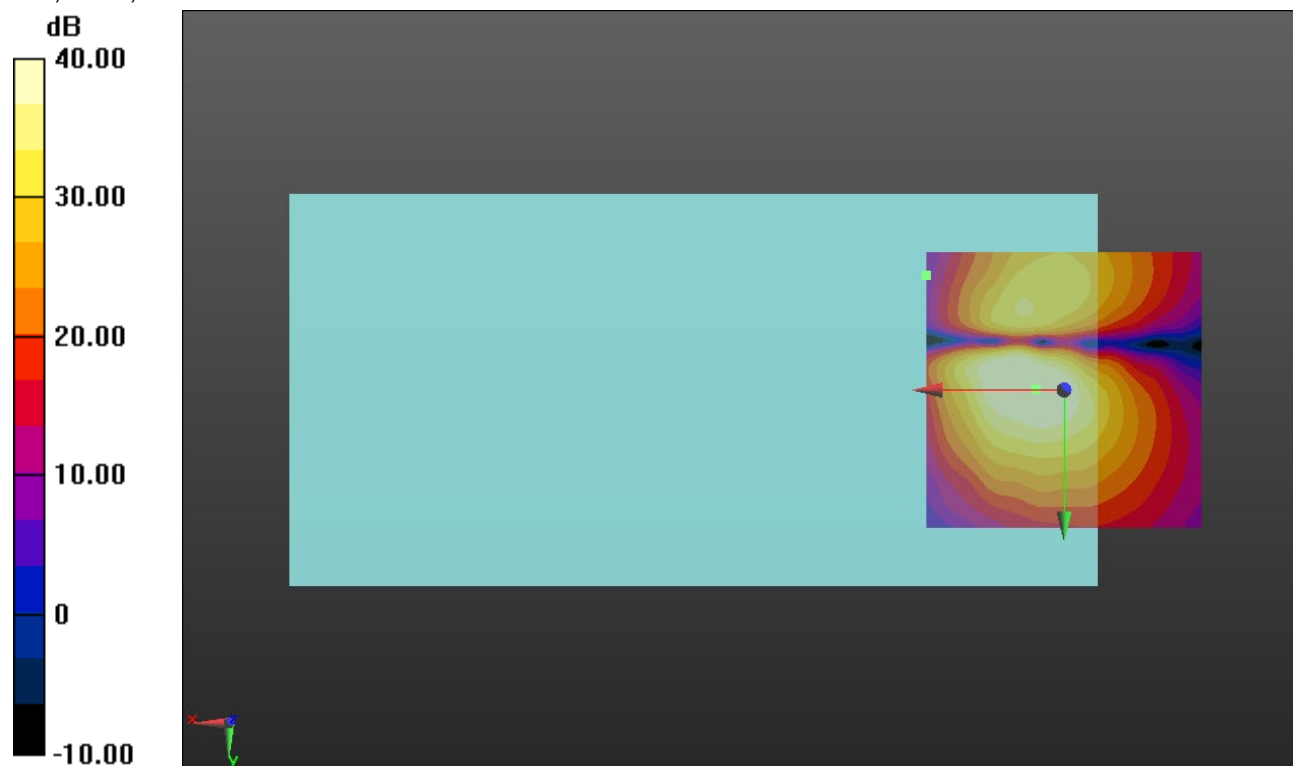
ABM1 comp = -5.22 dBA/m

BWC Factor = 0.16 dB

Location: 5, 0, 3.7 mm

ABM2 = -26.52 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 13

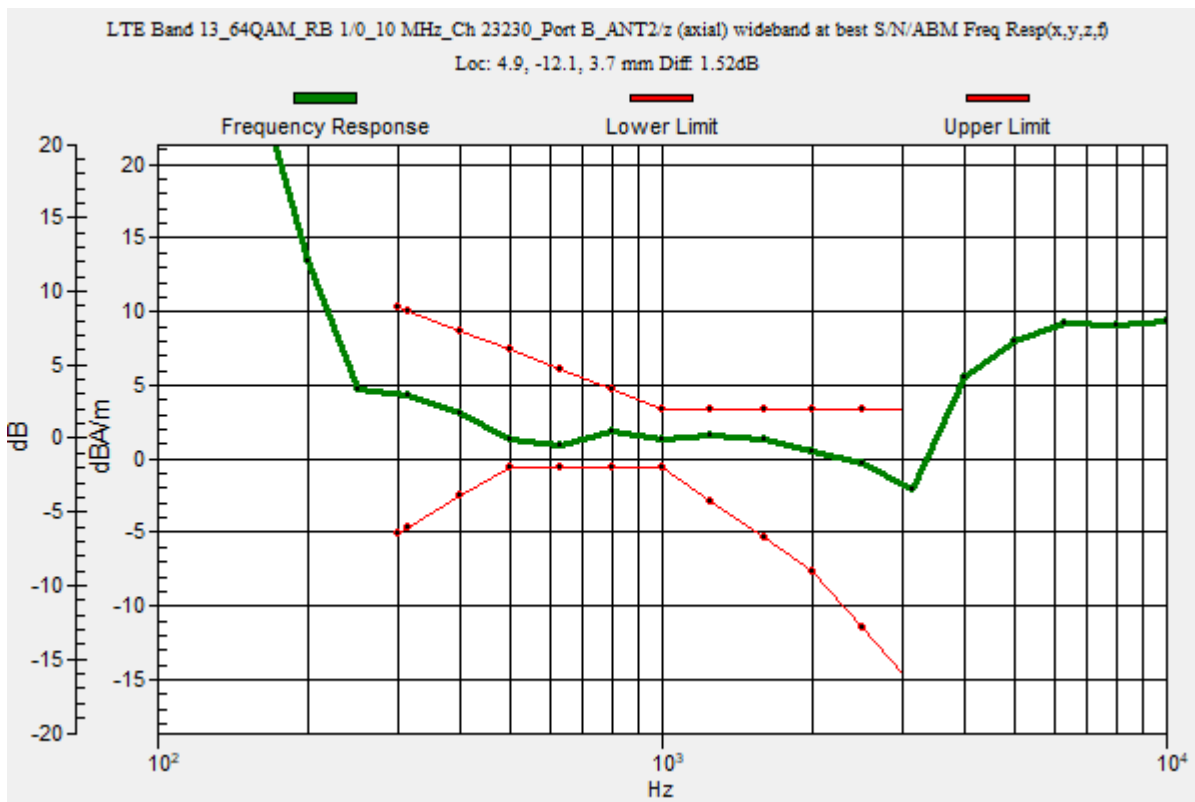
Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 782 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 13\_64QAM\_RB 1/0\_10 MHz\_Ch 23230\_Port B\_ANT2/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: 73.03  
 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: 4.9, -12.1, 3.7 mm





### LTE Band 13

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 782 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 13\_64QAM\_RB 1/0\_10 MHz\_Ch 23230\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 42.13 dB

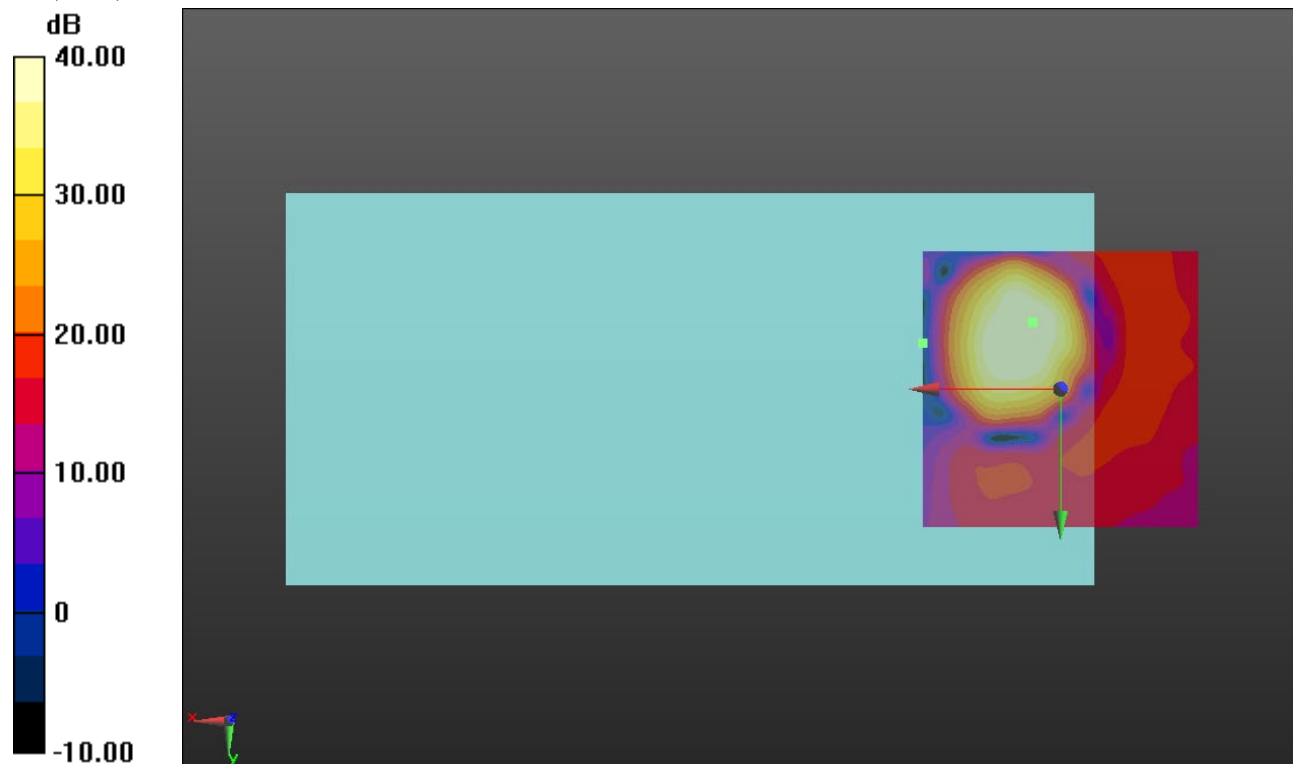
ABM1 comp = 0.66 dBA/m

BWC Factor = 0.16 dB

Location: 5, -12.1, 3.7 mm

ABM2 = -26.59 dBA/m

Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 13

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 782 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 13\_64QAM\_RB 1/0\_10 MHz\_Ch 23230\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 43.42 dB

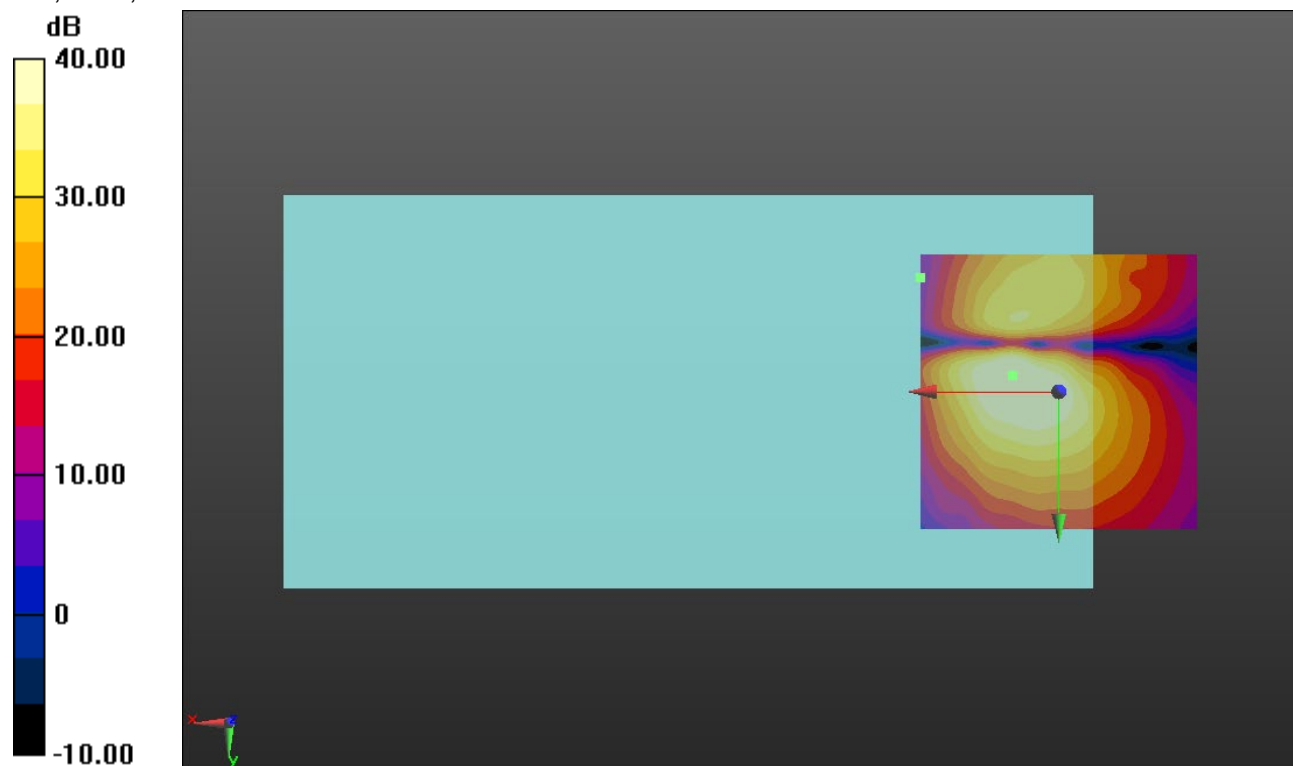
ABM1 comp = -3.94 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, -2.9, 3.7 mm

ABM2 = -26.02 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 17

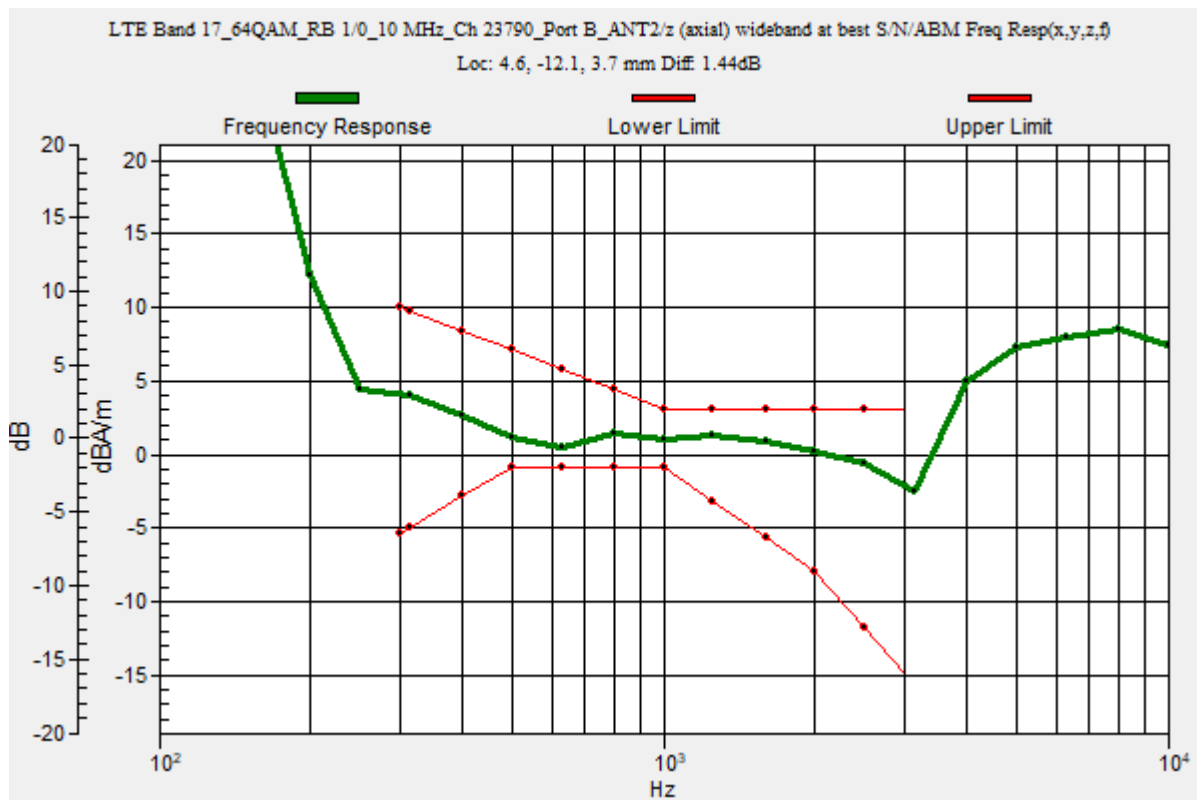
Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 710 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 17\_64QAM\_RB 1/0\_10 MHz\_Ch 23790\_Port B\_ANT2/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: 73.03  
 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 = 1.44 dB  
 BWC Factor = 10.80 dB  
 Location: 4.6, -12.1, 3.7 mm



### LTE Band 17

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 710 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 17\_64QAM\_RB 1/0\_10 MHz\_Ch 23790\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 43.71 dB

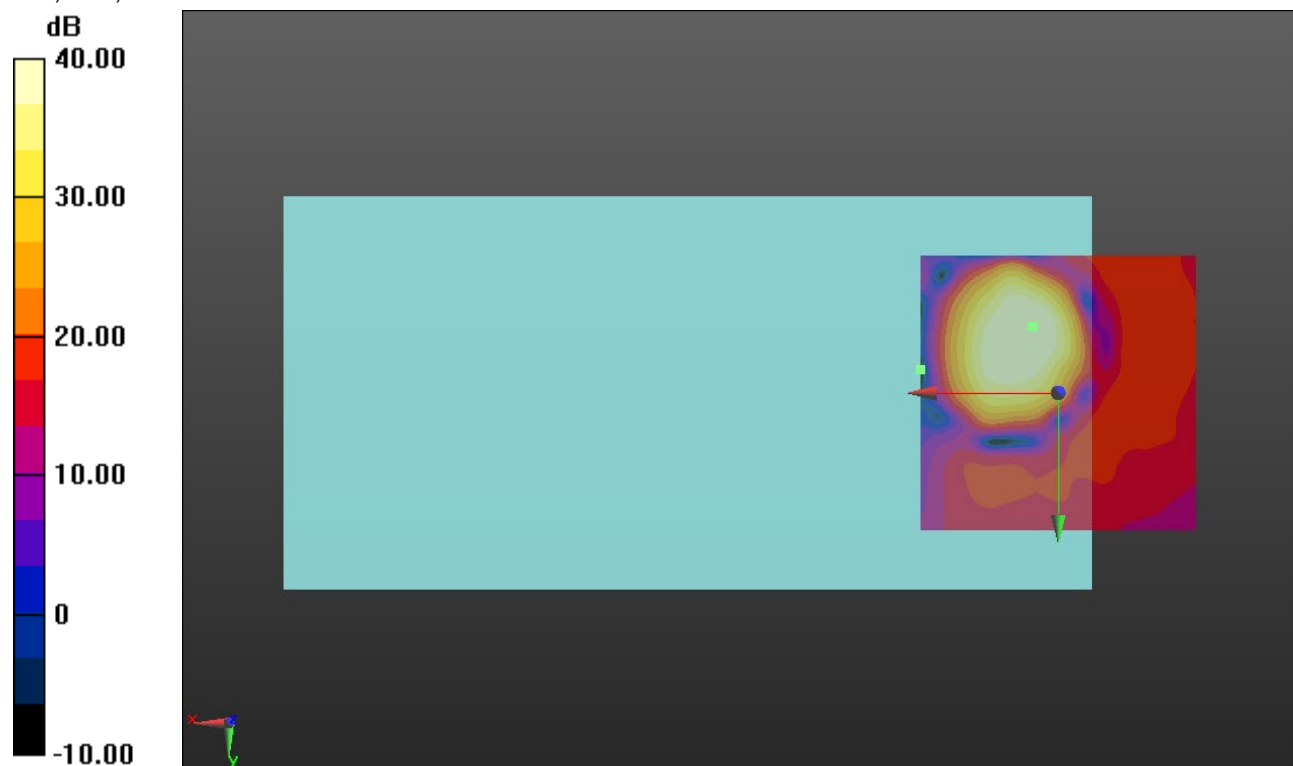
ABM1 comp = 0.01 dBA/m

BWC Factor = 0.16 dB

Location: 4.6, -12.1, 3.7 mm

ABM2 = -18.12 dBA/m

Location: 25, -4.2, 3.7 mm



0 dB = 1.000 = 0.00 dB

## LTE Band 17

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 710 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 17\_64QAM\_RB 1/0\_10 MHz\_Ch 23790\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 43.61 dB

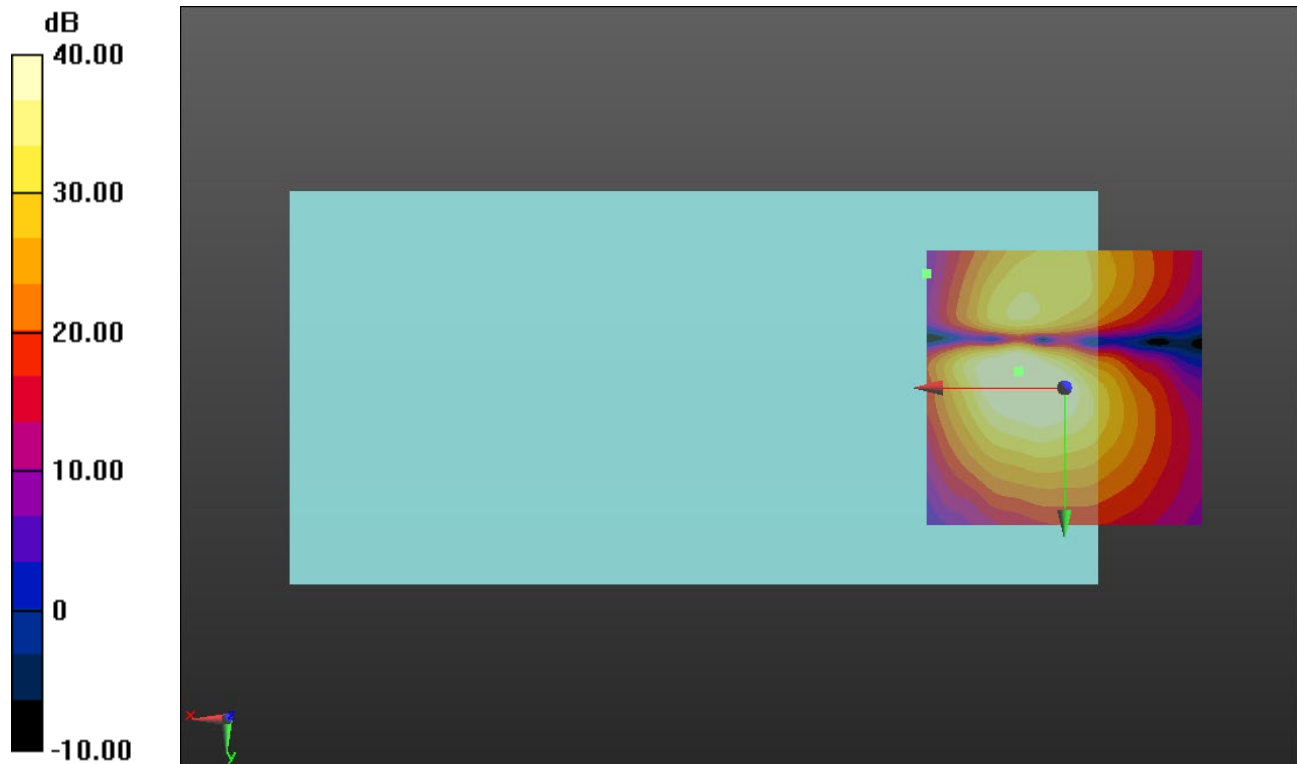
ABM1 comp = -3.91 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, -2.9, 3.7 mm

ABM2 = -26.57 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 25

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1905 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 25\_64QAM\_20 MHz\_RB 1/0\_20 MHz\_Ch 26590\_Port B\_ANT2/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: 73.03

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

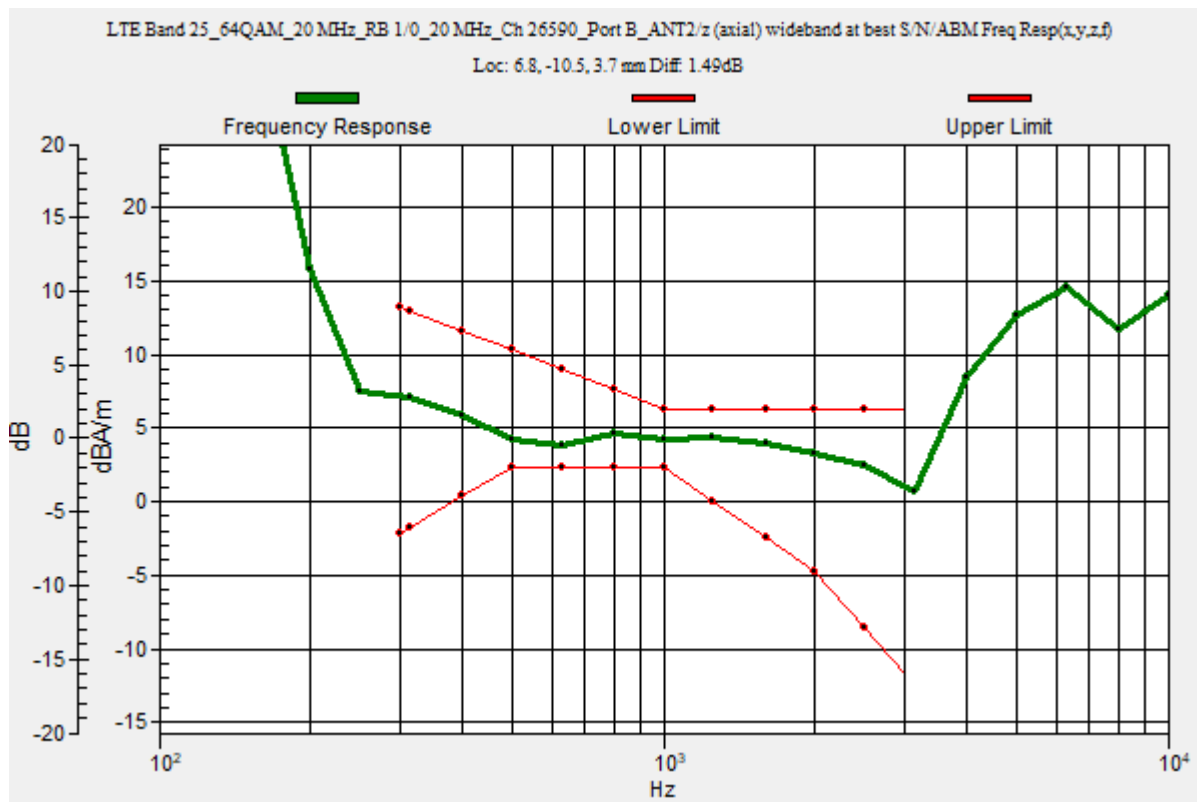
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 1.49 dB

BWC Factor = 10.80 dB

Location: 6.8, -10.5, 3.7 mm



### LTE Band 25

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1905 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 25\_64QAM\_20 MHz\_RB 1/0\_20 MHz\_Ch 26590\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 40.31 dB

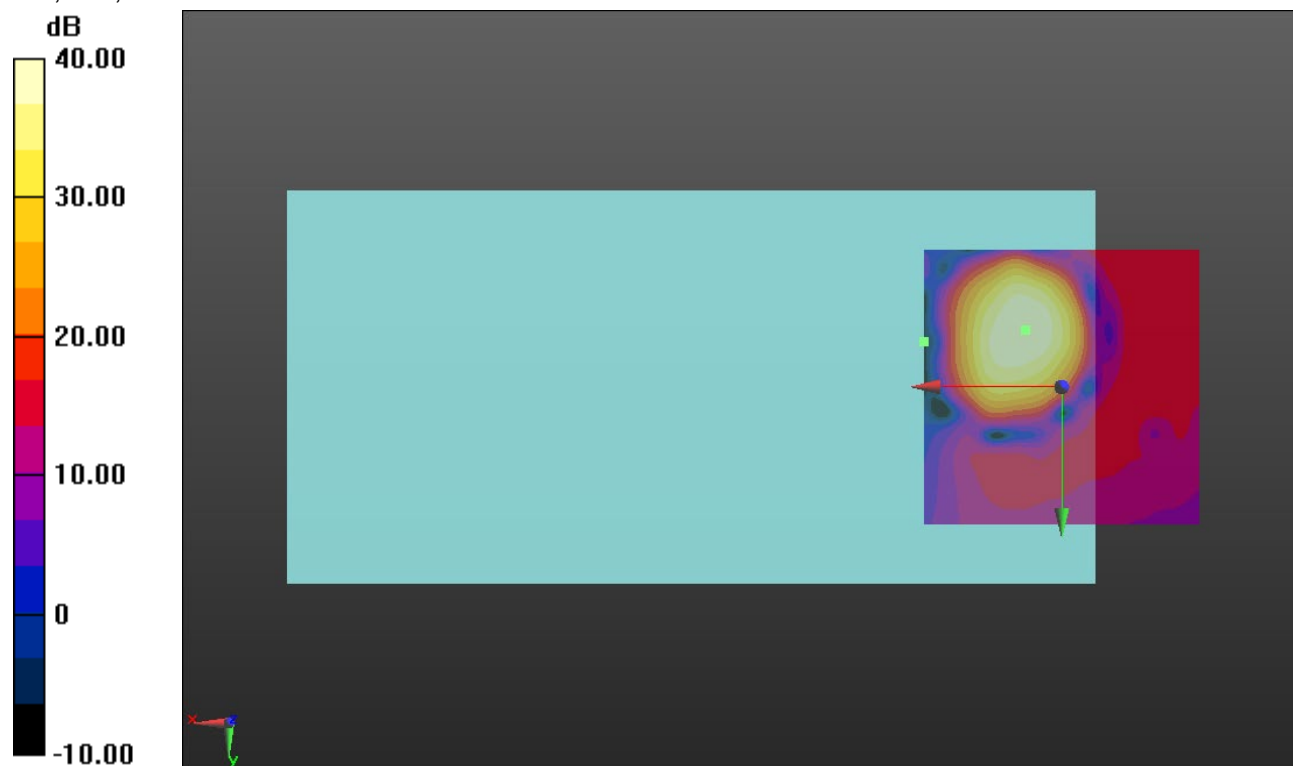
ABM1 comp = 3.88 dBA/m

BWC Factor = 0.16 dB

Location: 6.7, -10.4, 3.7 mm

ABM2 = -23.35 dBA/m

Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 25

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1905 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 25\_64QAM\_20 MHz\_RB 1/0\_20 MHz\_Ch 26590\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 41.18 dB

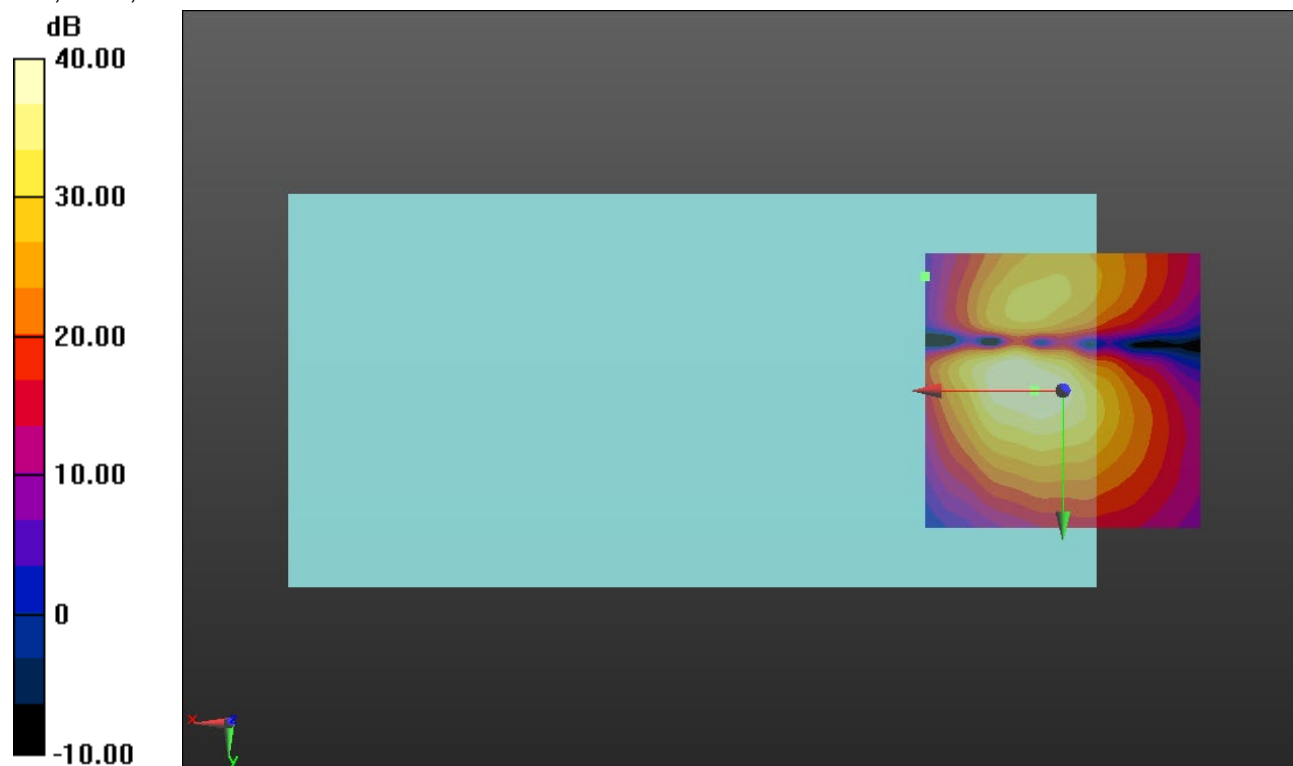
ABM1 comp = -5.52 dBA/m

BWC Factor = 0.16 dB

Location: 5, 0, 3.7 mm

ABM2 = -23.54 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB



### LTE Band 26

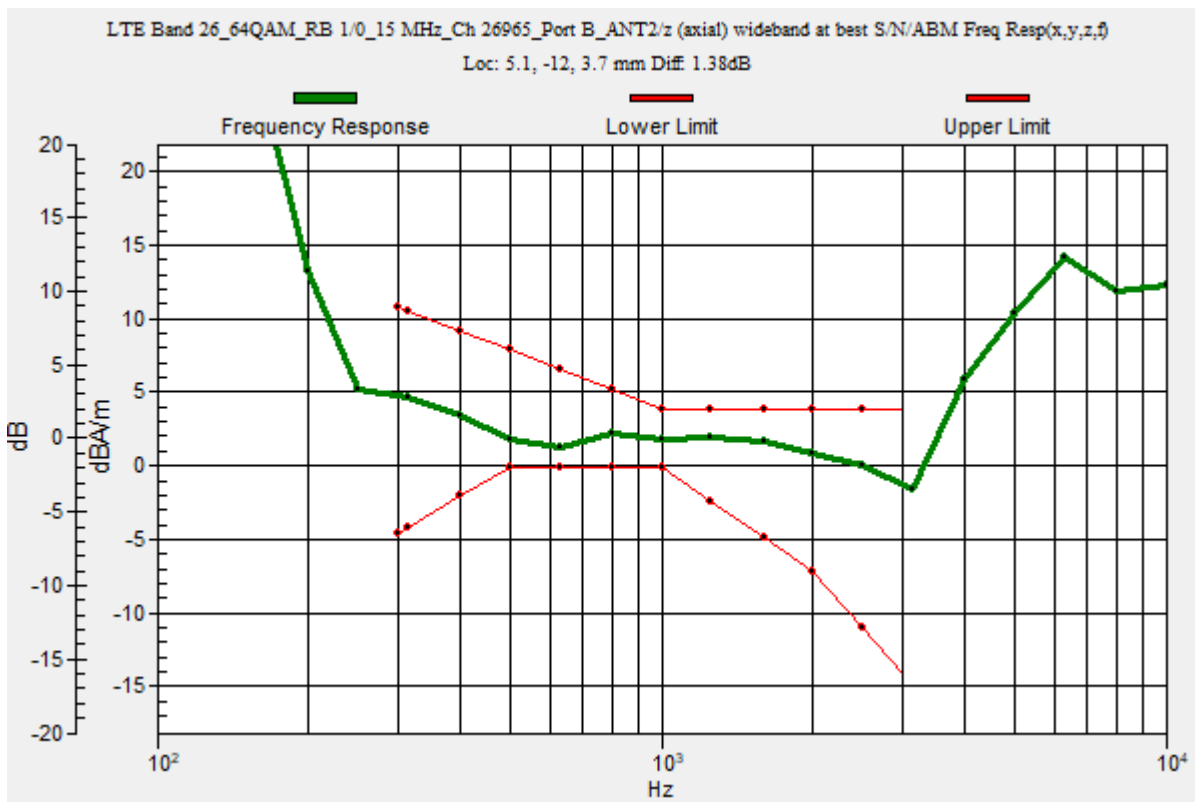
Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 841.5 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 26\_64QAM\_RB 1/0\_15 MHz\_Ch 26965\_Port B\_ANT2/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: 73.03  
 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 = 1.38 dB  
 BWC Factor = 10.80 dB  
 Location: 5.1, -12, 3.7 mm



### LTE Band 26

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 26\_64QAM\_RB 1/0\_15 MHz\_Ch 26965\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 43.07 dB

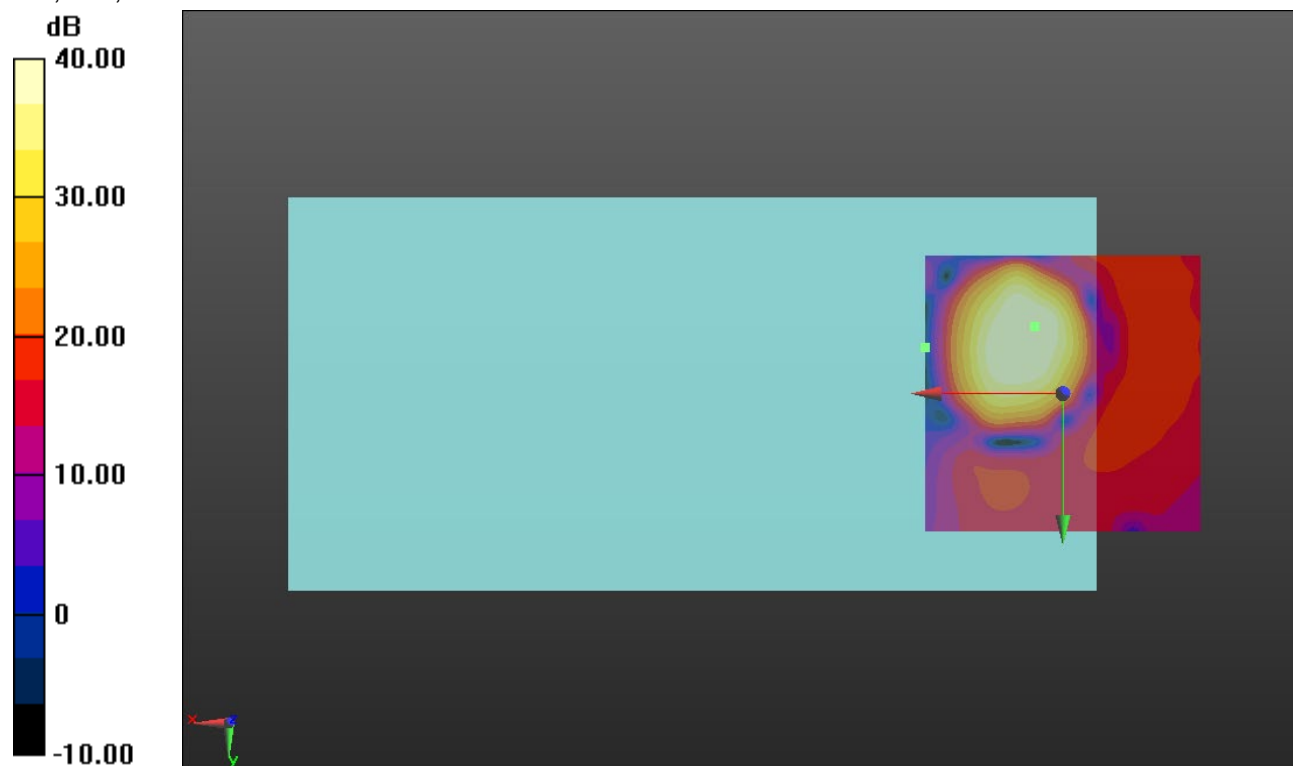
ABM1 comp = 0.65 dBA/m

BWC Factor = 0.16 dB

Location: 5, -12.1, 3.7 mm

ABM2 = -27.03 dBA/m

Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

## LTE Band 26

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 26\_64QAM\_RB 1/0\_15 MHz\_Ch 26965\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 43.25 dB

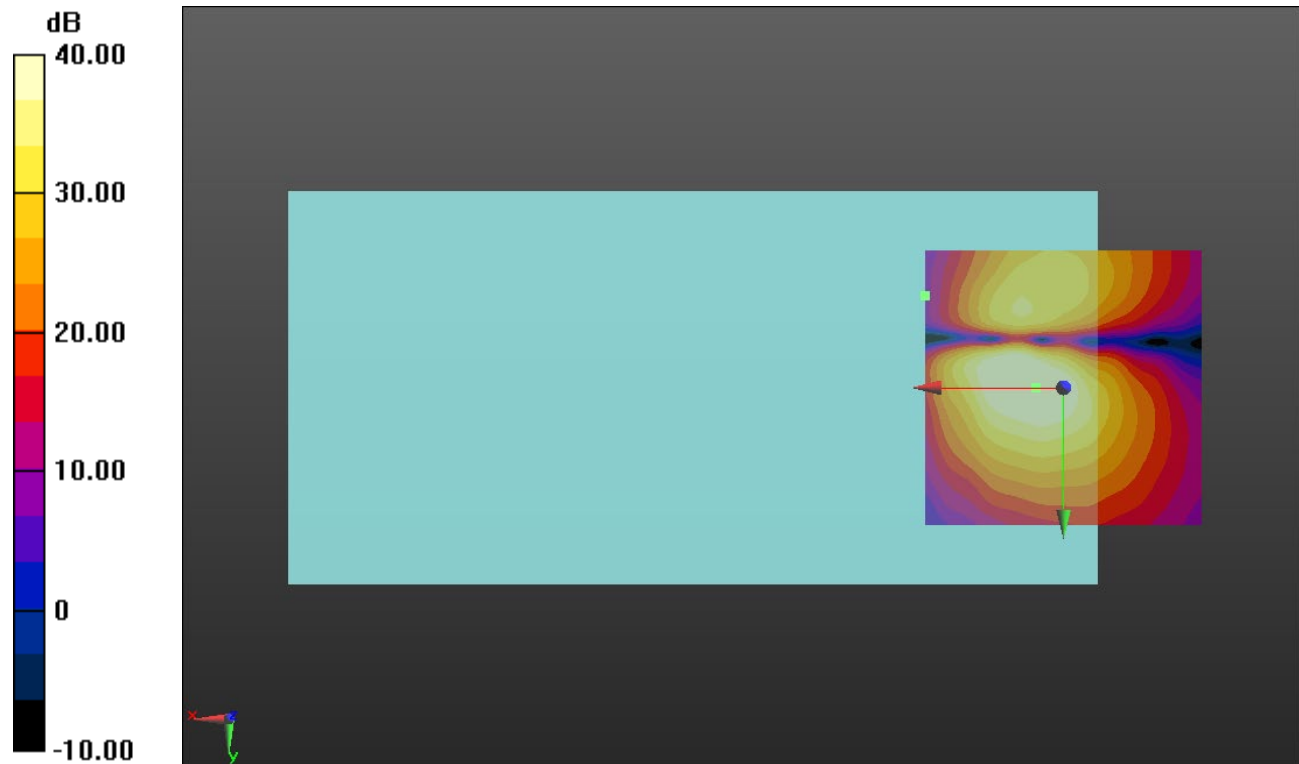
ABM1 comp = -5.30 dBA/m

BWC Factor = 0.16 dB

Location: 5, 0, 3.7 mm

ABM2 = -27.69 dBA/m

Location: 25, -16.7, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 30

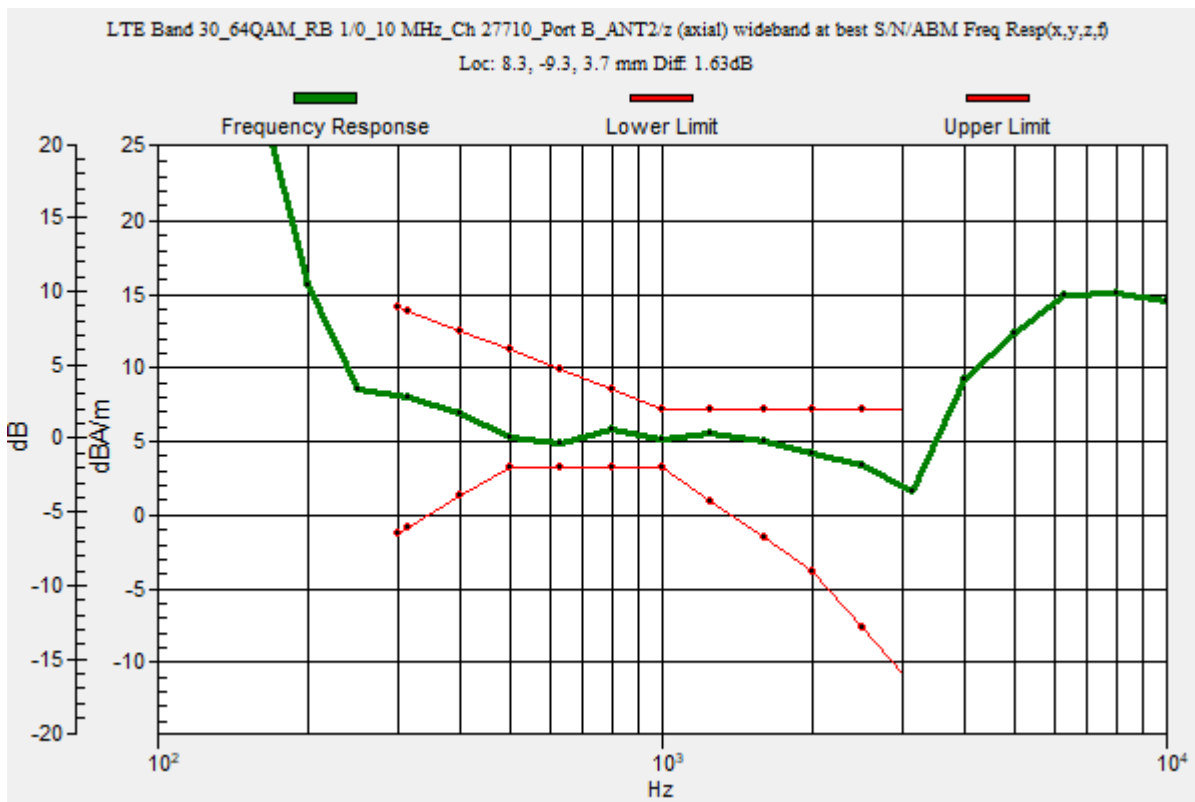
Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 2310 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 30\_64QAM\_RB 1/0\_10 MHz\_Ch 27710\_Port B\_ANT2/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: 73.03  
 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: 8.3, -9.3, 3.7 mm



### LTE Band 30

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 30\_64QAM\_RB 1/0\_10 MHz\_Ch 27710\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 40.75 dB

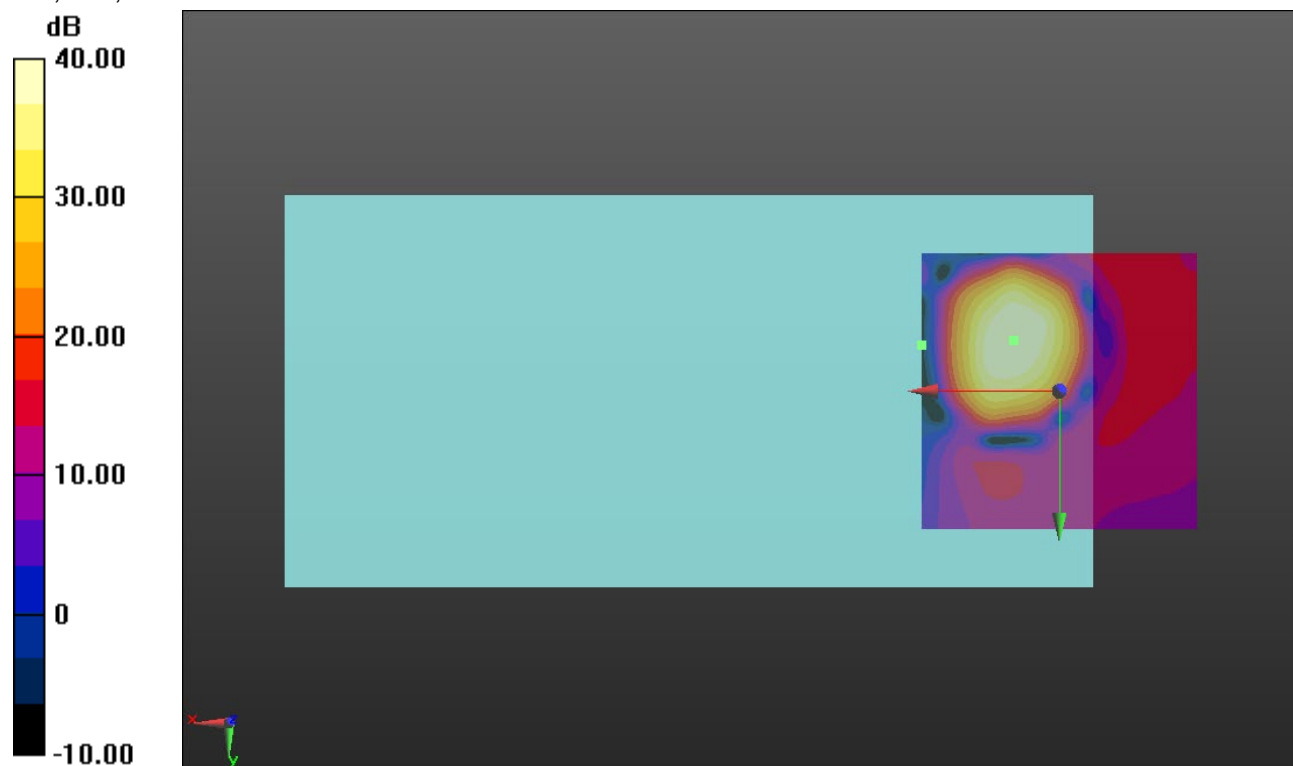
ABM1 comp = 5.30 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, -9.2, 3.7 mm

ABM2 = -22.22 dBA/m

Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 30

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 30\_64QAM\_RB 1/0\_10 MHz\_Ch 27710\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 40.53 dB

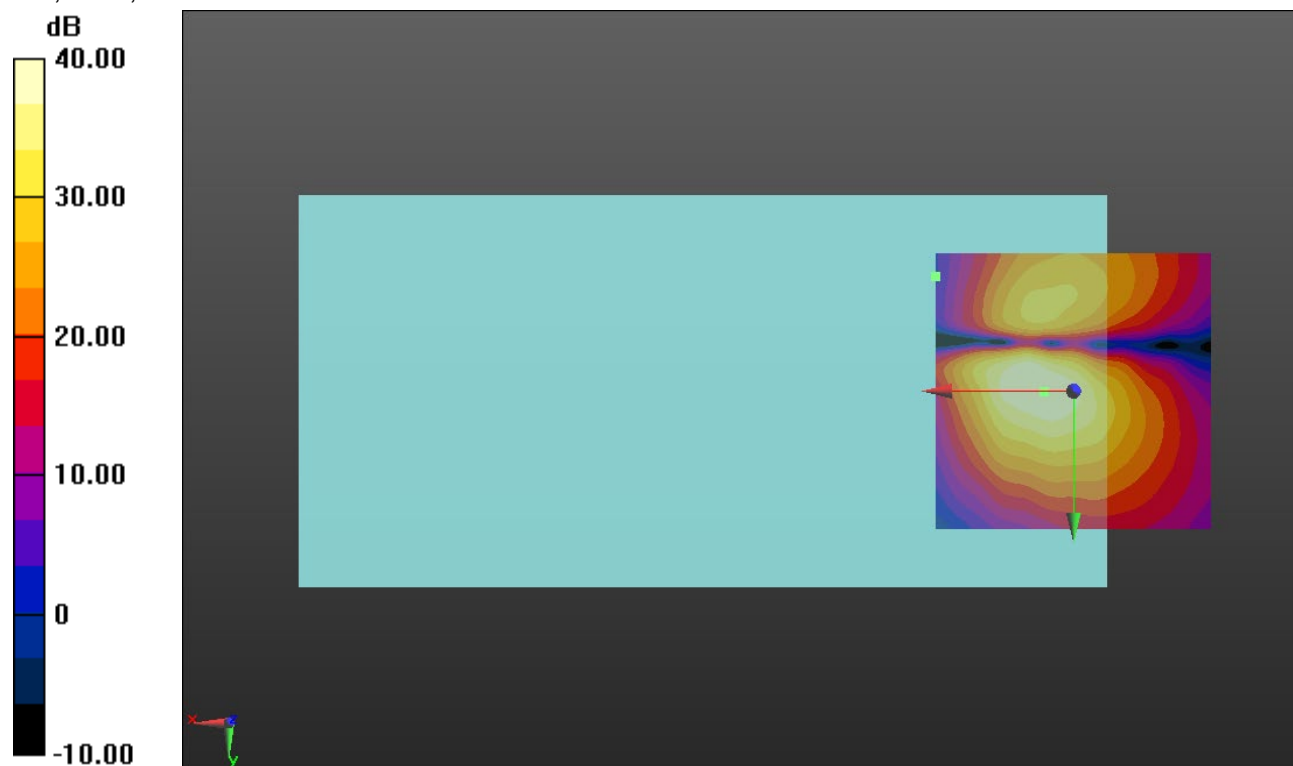
ABM1 comp = -5.06 dBA/m

BWC Factor = 0.16 dB

Location: 5.4, 0, 3.7 mm

ABM2 = -21.88 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 41

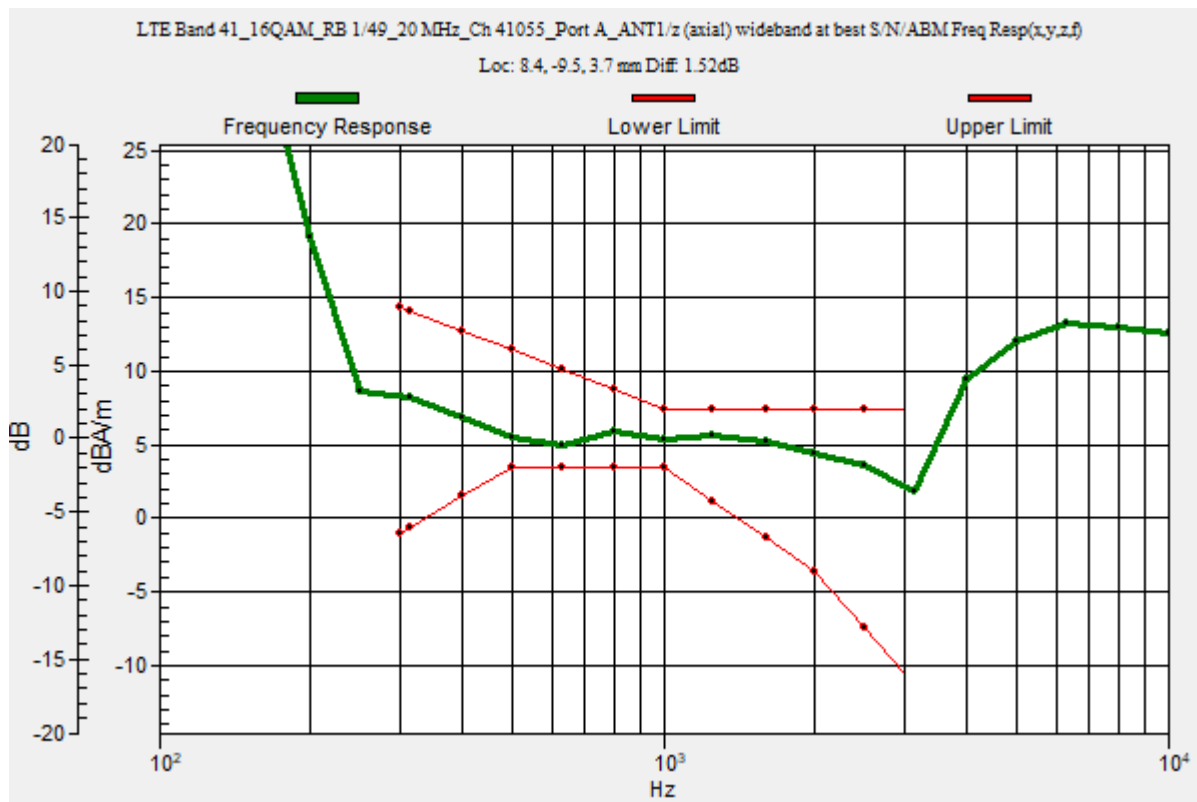
Communication System: UID 0, 1@LTE (TDD) (0); Frequency: 2636.5 MHz;Duty Cycle: 1:1.59956

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 41\_16QAM\_RB 1/49\_20 MHz\_Ch 41055\_Port A\_ANT1/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: 73.03  
 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: 8.4, -9.5, 3.7 mm



### LTE Band 41

Communication System: UID 0, 1@LTE (TDD) (0); Frequency: 2636.5 MHz; Duty Cycle: 1:1.59956

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 41\_16QAM\_RB 1/49\_20 MHz\_Ch 41055\_Port A\_ANT1/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 40.02 dB

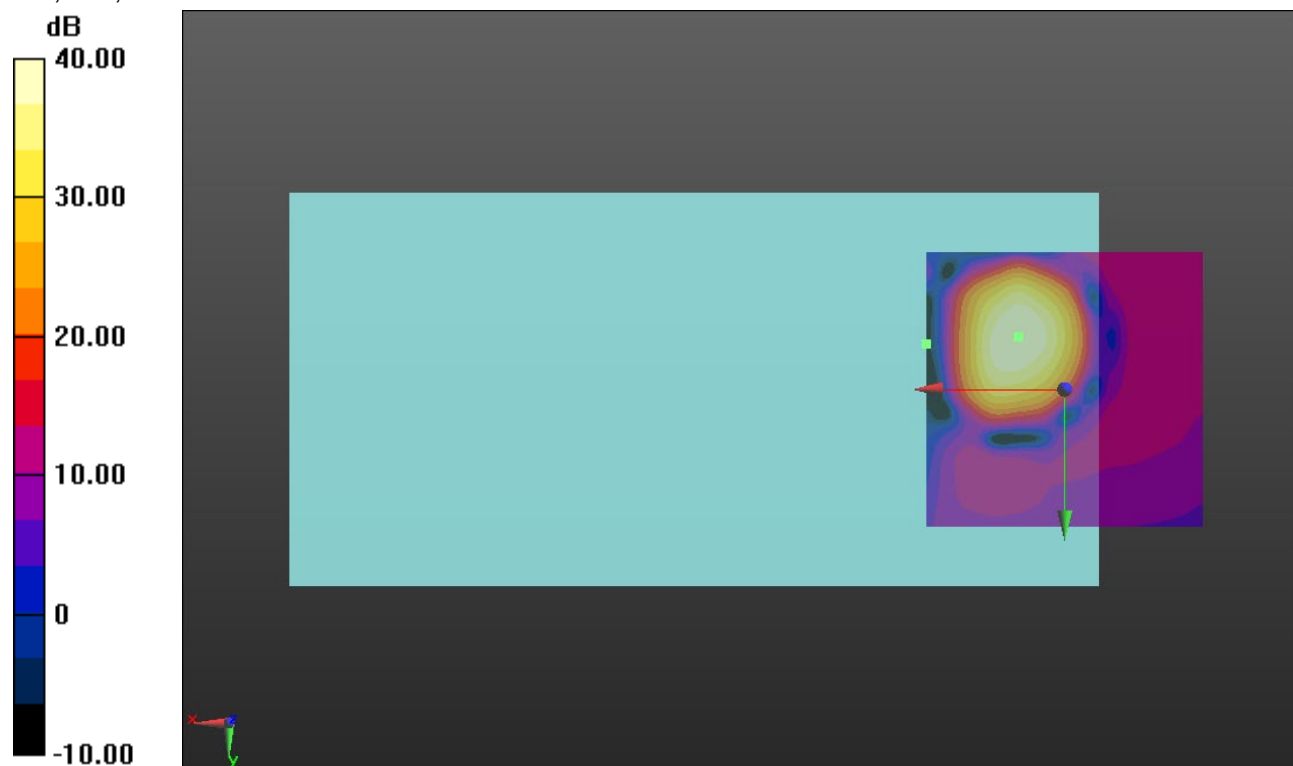
ABM1 comp = 5.35 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, -9.6, 3.7 mm

ABM2 = -20.85 dBA/m

Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB



### LTE Band 41

Communication System: UID 0, 1@LTE (TDD) (0); Frequency: 2636.5 MHz; Duty Cycle: 1:1.59956

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 41\_16QAM\_RB 1/49\_20 MHz\_Ch 41055\_Port A\_ANT1/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 41.27 dB

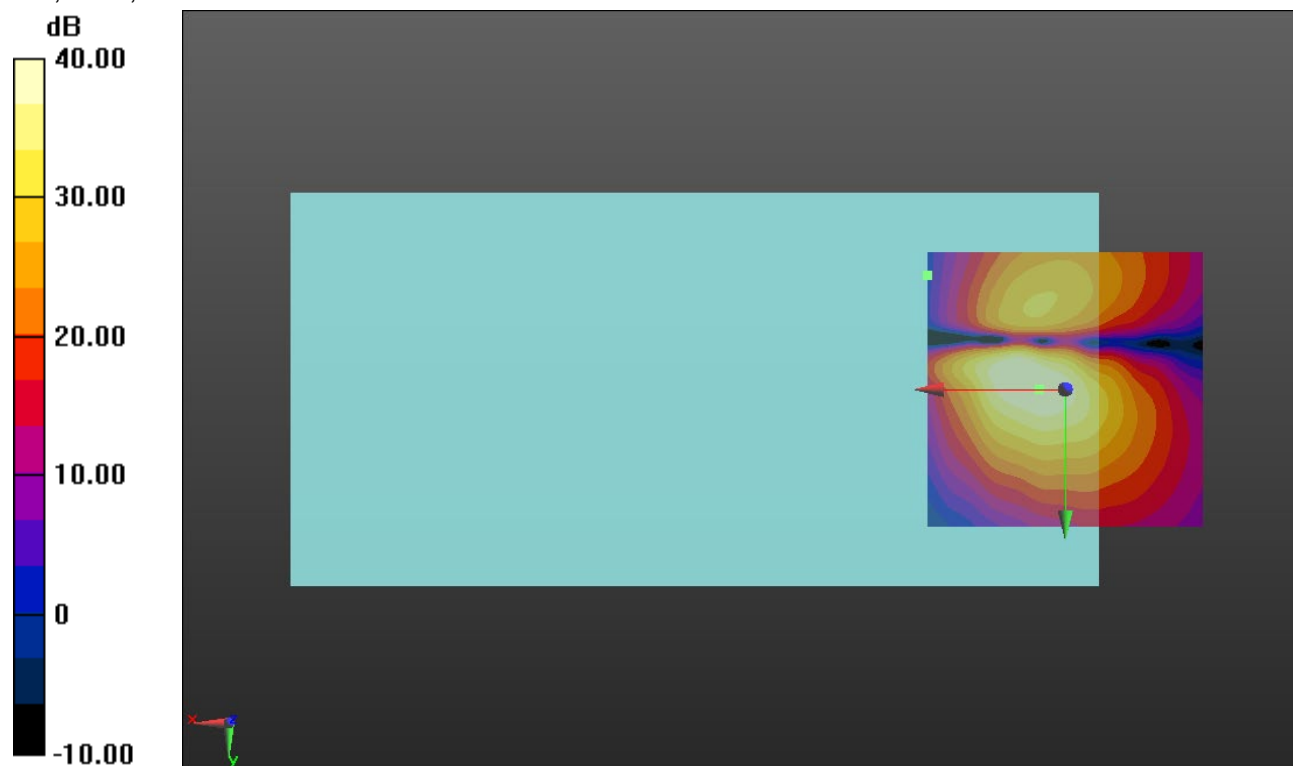
ABM1 comp = -5.51 dBA/m

BWC Factor = 0.16 dB

Location: 4.6, 0, 3.7 mm

ABM2 = -20.92 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 48

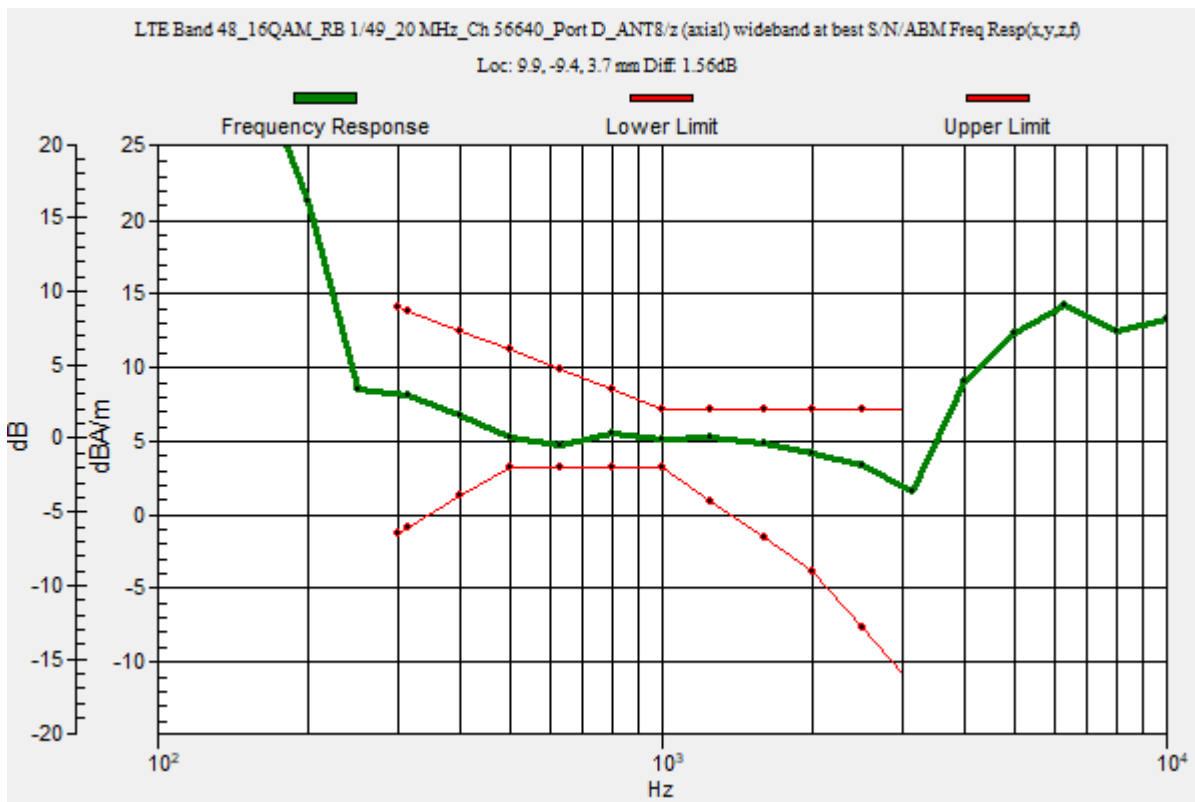
Communication System: UID 0, 1@LTE (TDD) (0); Frequency: 3690 MHz;Duty Cycle: 1:1.59956

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 48\_16QAM\_RB 1/49\_20 MHz\_Ch 56640\_Port D\_ANT8/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: 73.03  
 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 = 1.56 dB  
 BWC Factor = 10.80 dB  
 Location: 9.9, -9.4, 3.7 mm



### LTE Band 48

Communication System: UID 0, 1@LTE (TDD) (0); Frequency: 3690 MHz; Duty Cycle: 1:1.59956

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 48\_16QAM\_RB 1/49\_20 MHz\_Ch 56640\_Port D\_ANT8/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 38.87 dB

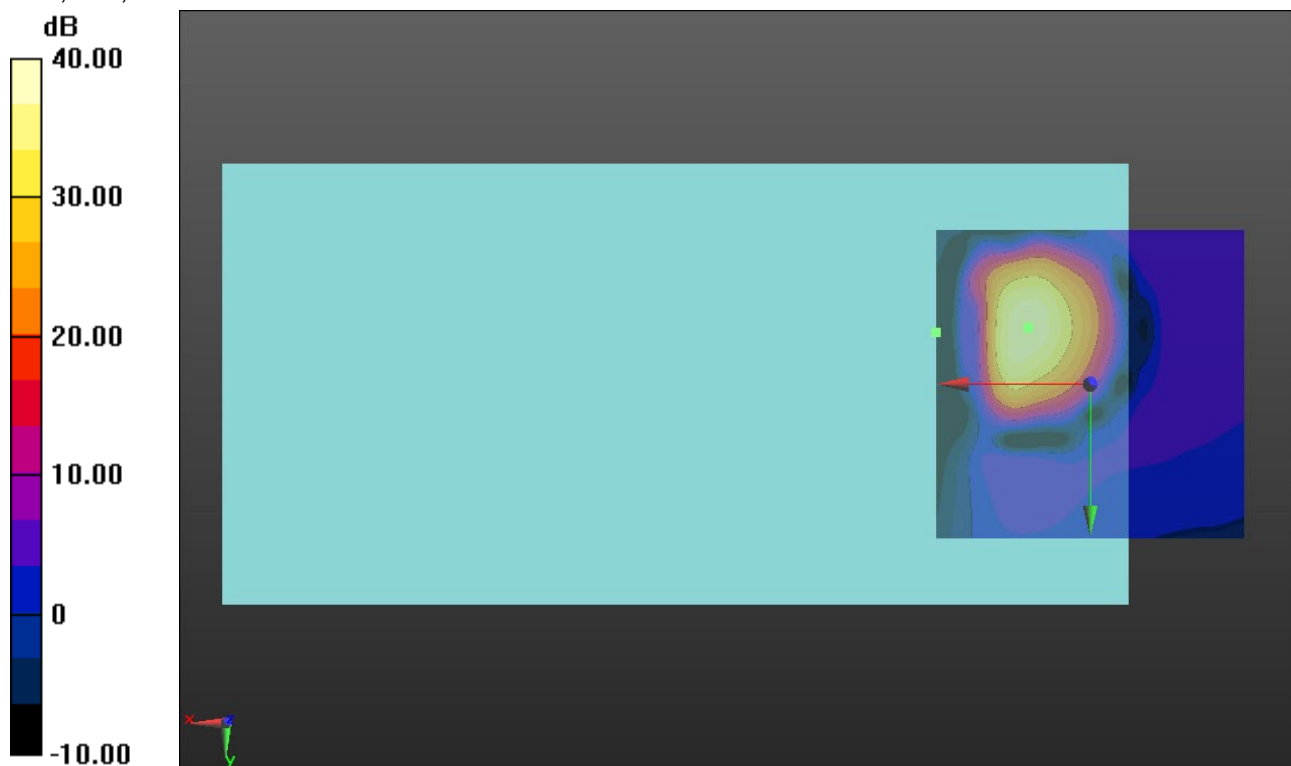
ABM1 comp = 5.18 dBA/m

BWC Factor = 0.16 dB

Location: 10, -9.2, 3.7 mm

ABM2 = -11.80 dBA/m

Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 48

Communication System: UID 0, 1@LTE (TDD) (0); Frequency: 3690 MHz; Duty Cycle: 1:1.59956

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 48\_16QAM\_RB 1/49\_20 MHz\_Ch 56640\_Port D\_ANT8/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 38.67 dB

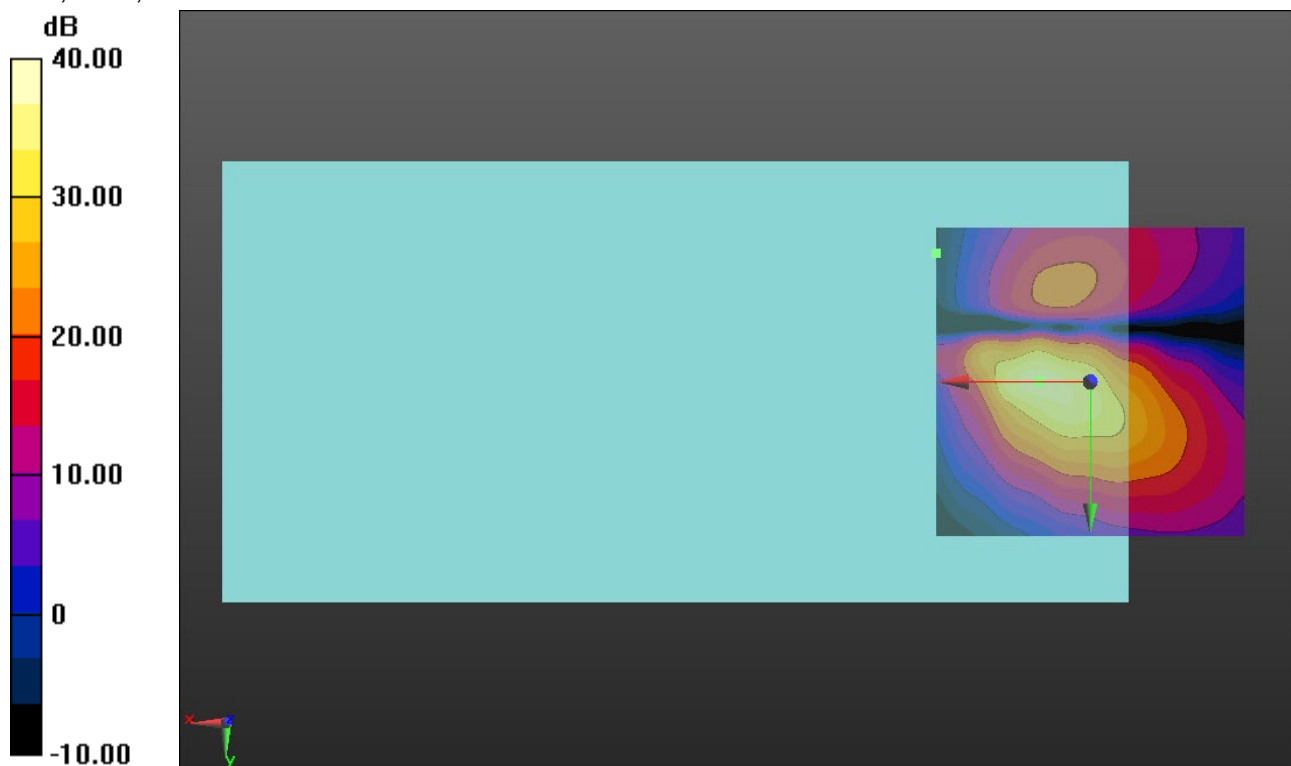
ABM1 comp = -3.78 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, 0, 3.7 mm

ABM2 = -11.98 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 66

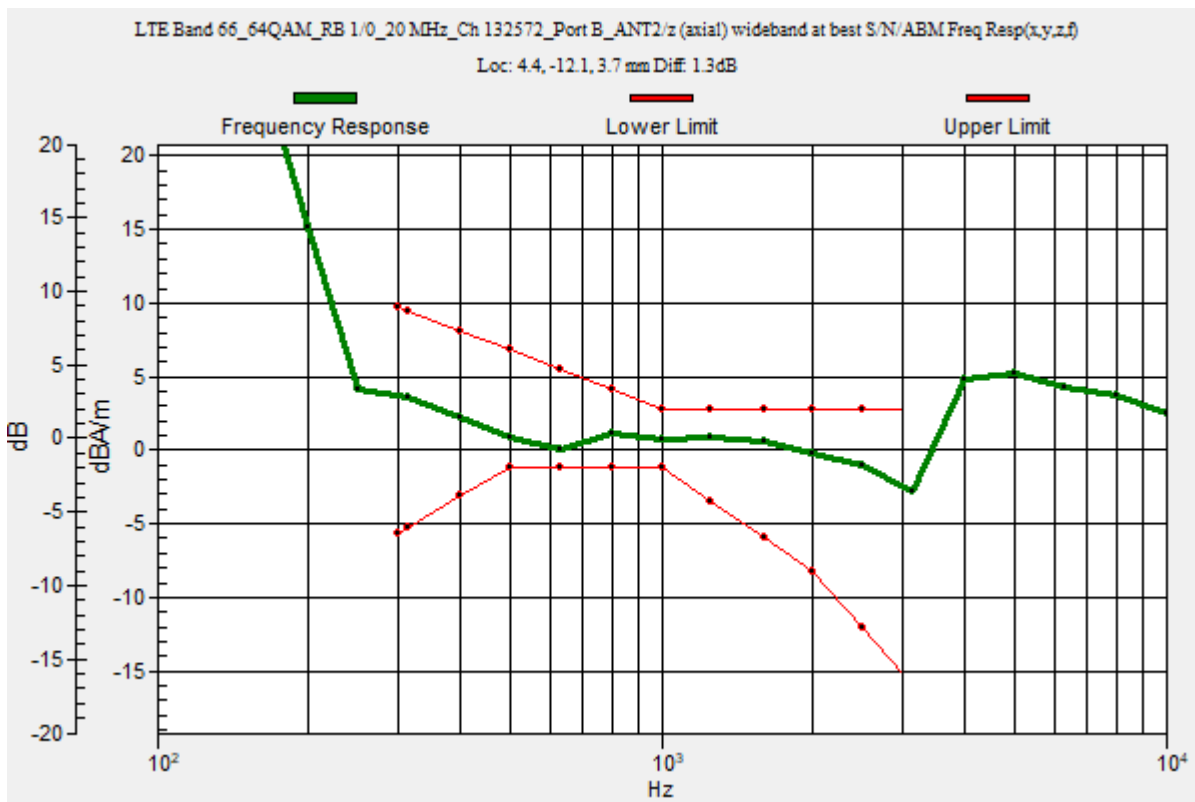
Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1770 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 66\_64QAM\_RB 1/0\_20 MHz\_Ch 132572\_Port B\_ANT2/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: 73.03  
 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 = 1.30 dB  
 BWC Factor = 10.80 dB  
 Location: 4.4, -12.1, 3.7 mm



### LTE Band 66

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 66\_64QAM\_RB 1/0\_20 MHz\_Ch 132572\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 44.16 dB

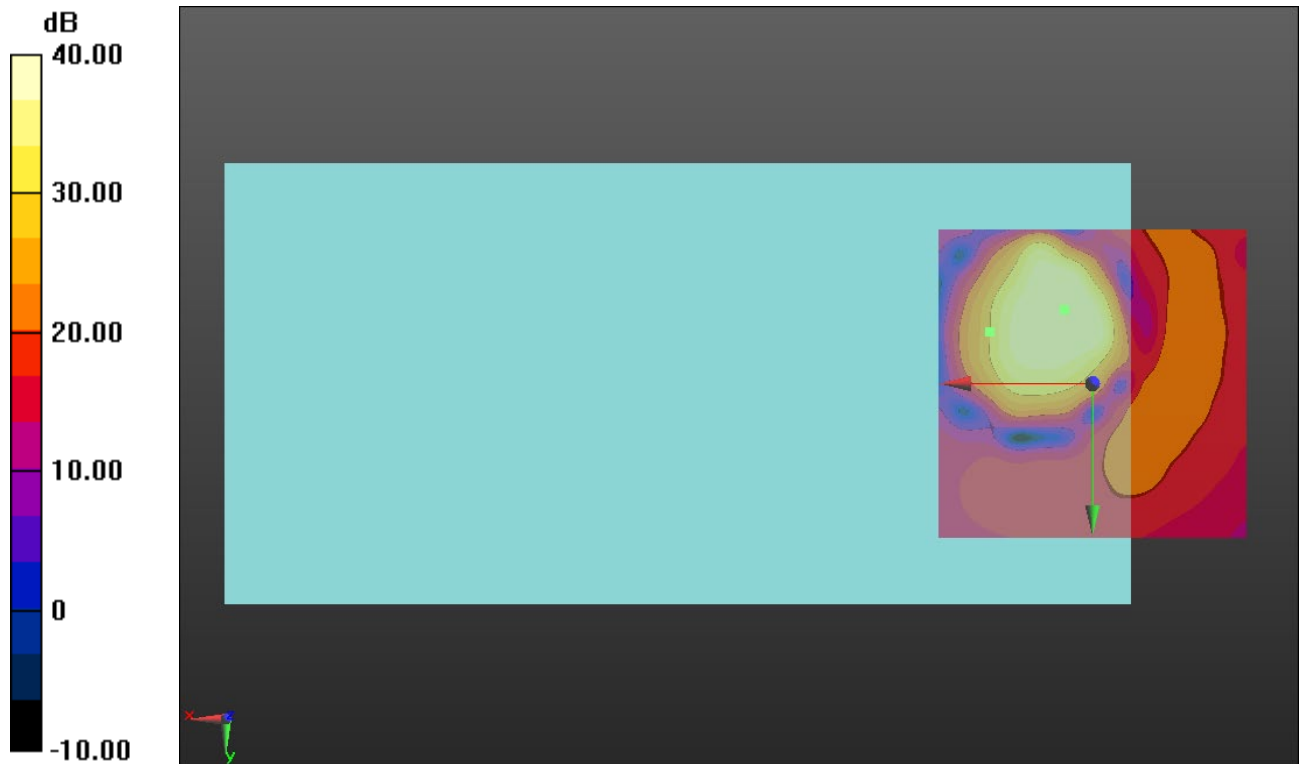
ABM1 comp = -0.01 dBA/m

BWC Factor = 0.16 dB

Location: 4.6, -12.1, 3.7 mm

ABM2 = -33.50 dBA/m

Location: 16.7, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 66

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 66\_64QAM\_RB 1/0\_20 MHz\_Ch 132572\_Port B\_ANT2/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 44.61 dB

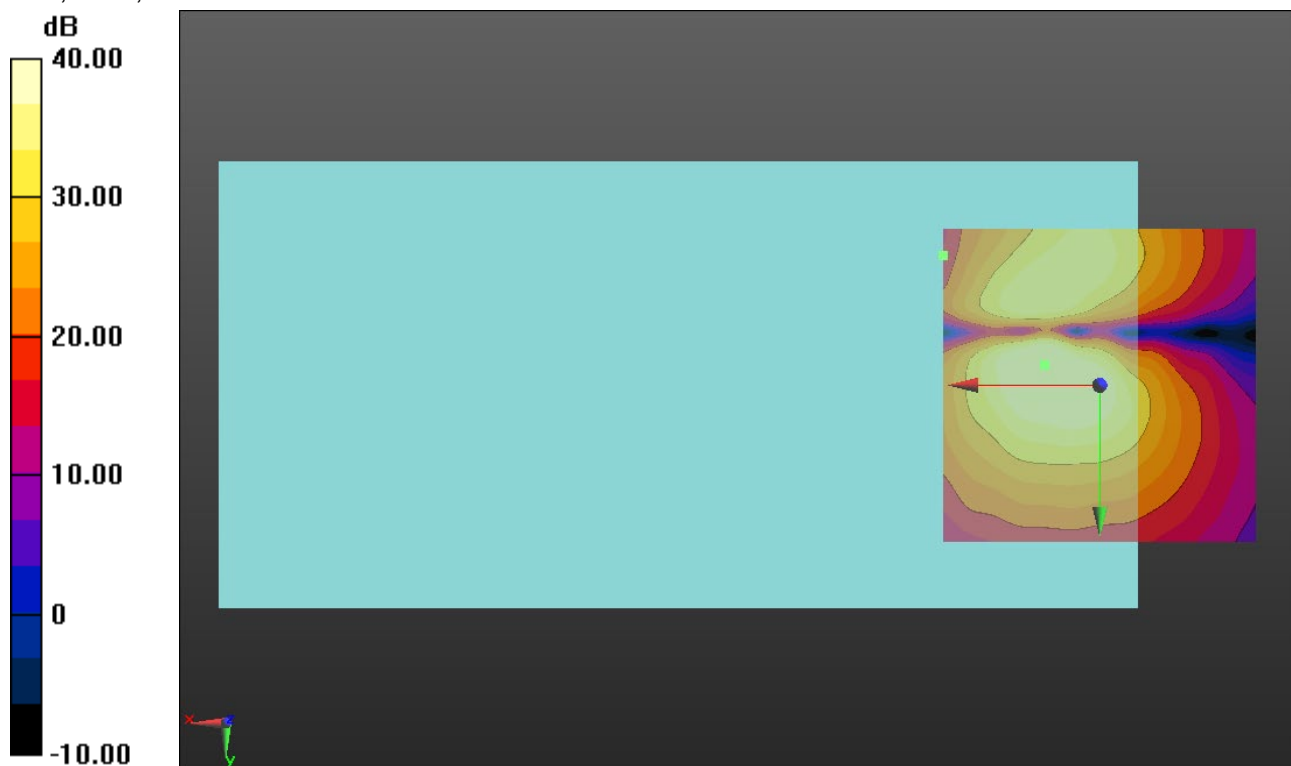
ABM1 comp = -4.30 dBA/m

BWC Factor = 0.16 dB

Location: 8.8, -3.3, 3.7 mm

ABM2 = -35.70 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### 802.11b

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

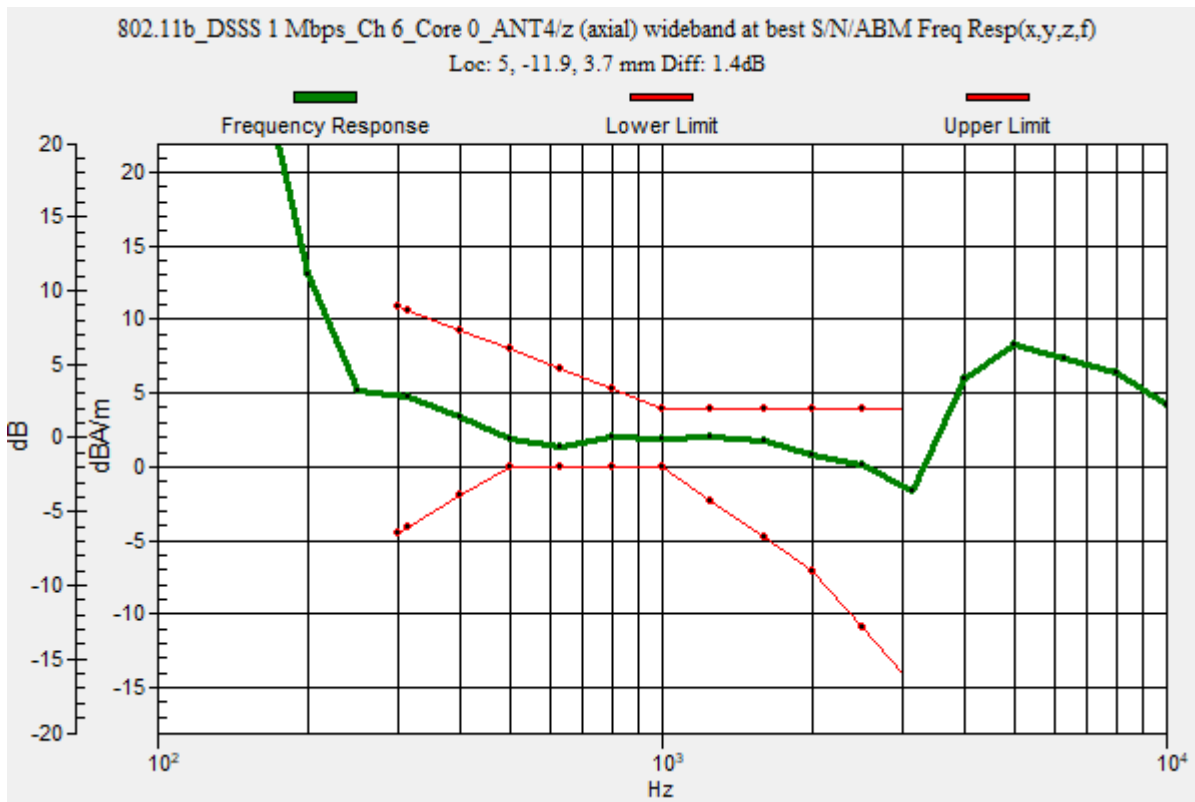
### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11b\_DSSS 1 Mbps\_Ch 6\_Core 0\_ANT4/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid:  
 dx=10mm, dy=10mm  
 Signal Type: Audio File (.wav) 48k\_voice\_300-3000\_2s.wav  
 Output Gain: 73.03  
 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: 5, -11.9, 3.7 mm





### 802.11b

Communication System: UID 0, 1@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 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11b\_DSSS 1 Mbps\_Ch 6\_Core 0\_ANT4/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 42.27 dB

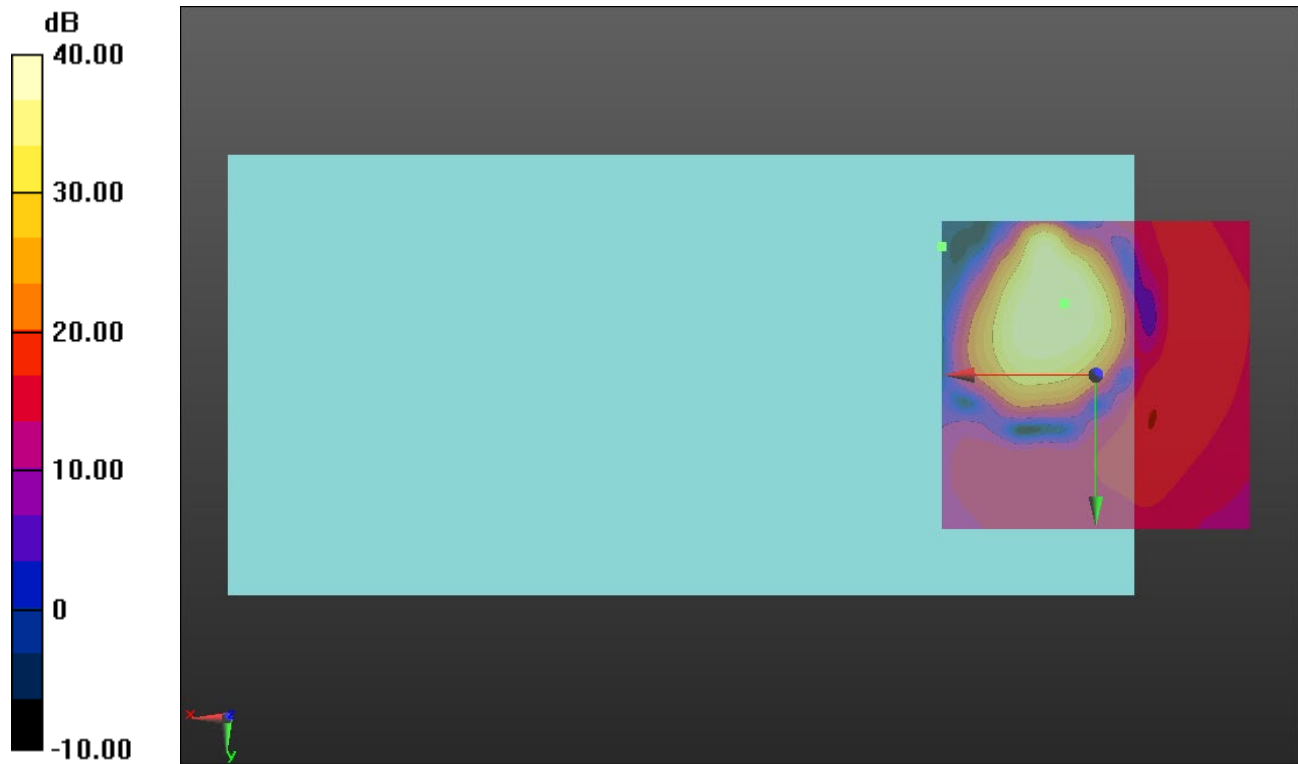
ABM1 comp = 0.96 dBA/m

BWC Factor = 0.16 dB

Location: 5, -11.7, 3.7 mm

ABM2 = -19.01 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### 802.11b

Communication System: UID 0, 1@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 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11b\_DSSS 1 Mbps\_Ch 6\_Core 0\_ANT4/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 39.65 dB

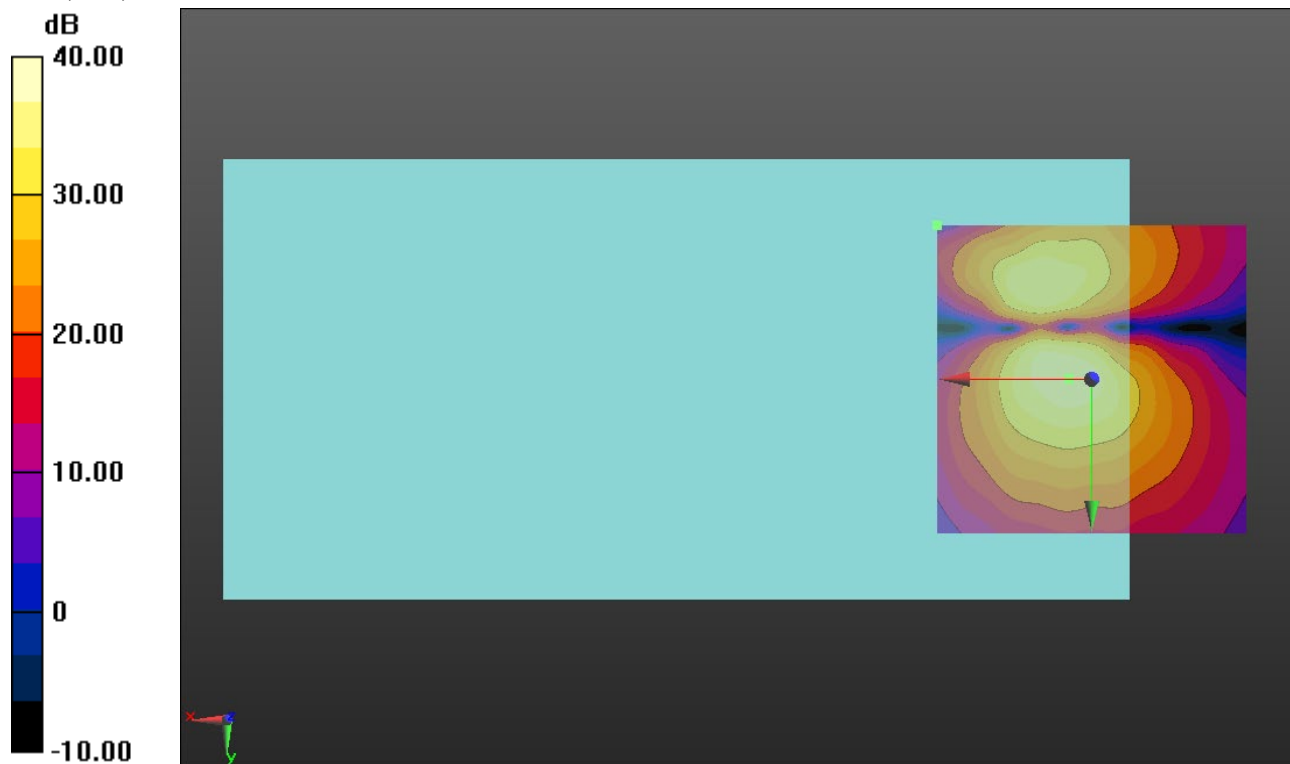
ABM1 comp = -6.36 dBA/m

BWC Factor = 0.16 dB

Location: 3.8, 0, 3.7 mm

ABM2 = -25.75 dBA/m

Location: 25, -25, 3.7 mm



0 dB = 1.000 = 0.00 dB

### 802.11ax

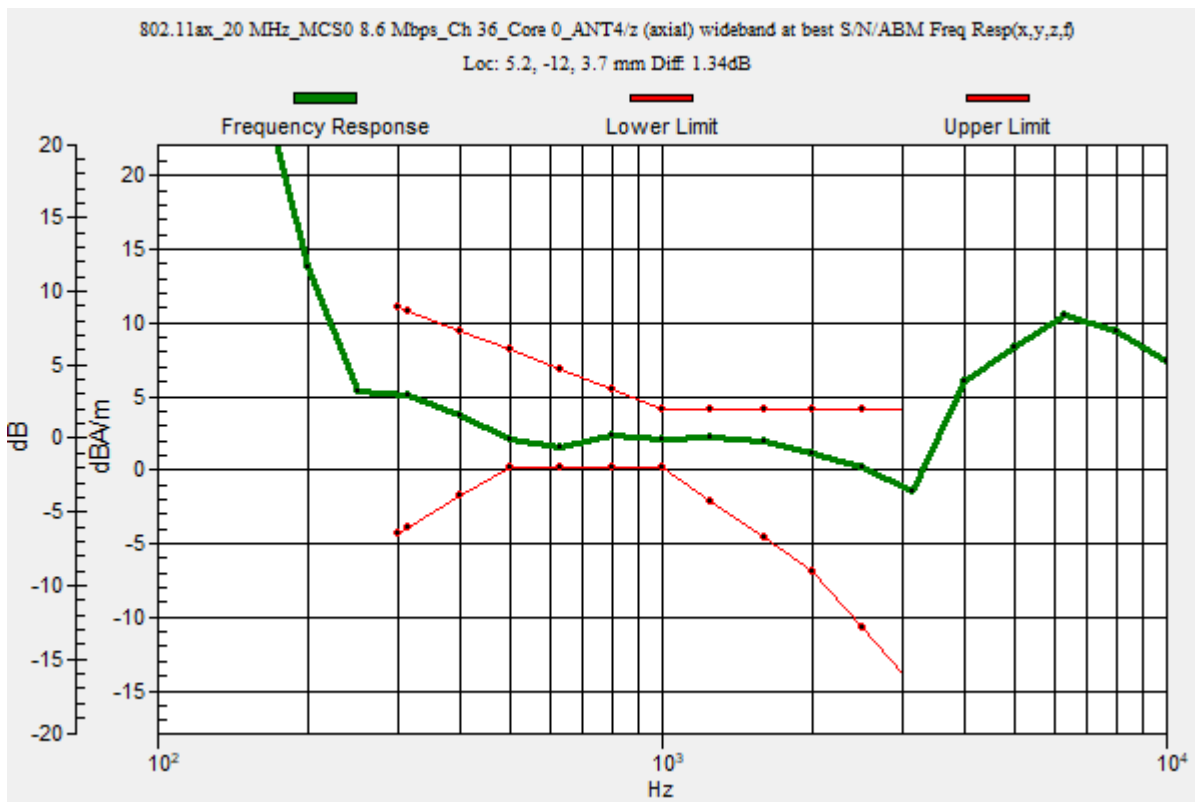
Communication System: UID 0, 1@IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5180 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_20 MHz\_MCS0 8.6 Mbps\_Ch 36\_Core 0\_ANT6/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: 73.03  
 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 = 1.34 dB  
 BWC Factor = 10.80 dB  
 Location: 5.2, -12, 3.7 mm



### 802.11ax

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_20 MHz\_MCS0 8.6 Mbps\_Ch 36\_Core 0\_ANT6/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 42.46 dB

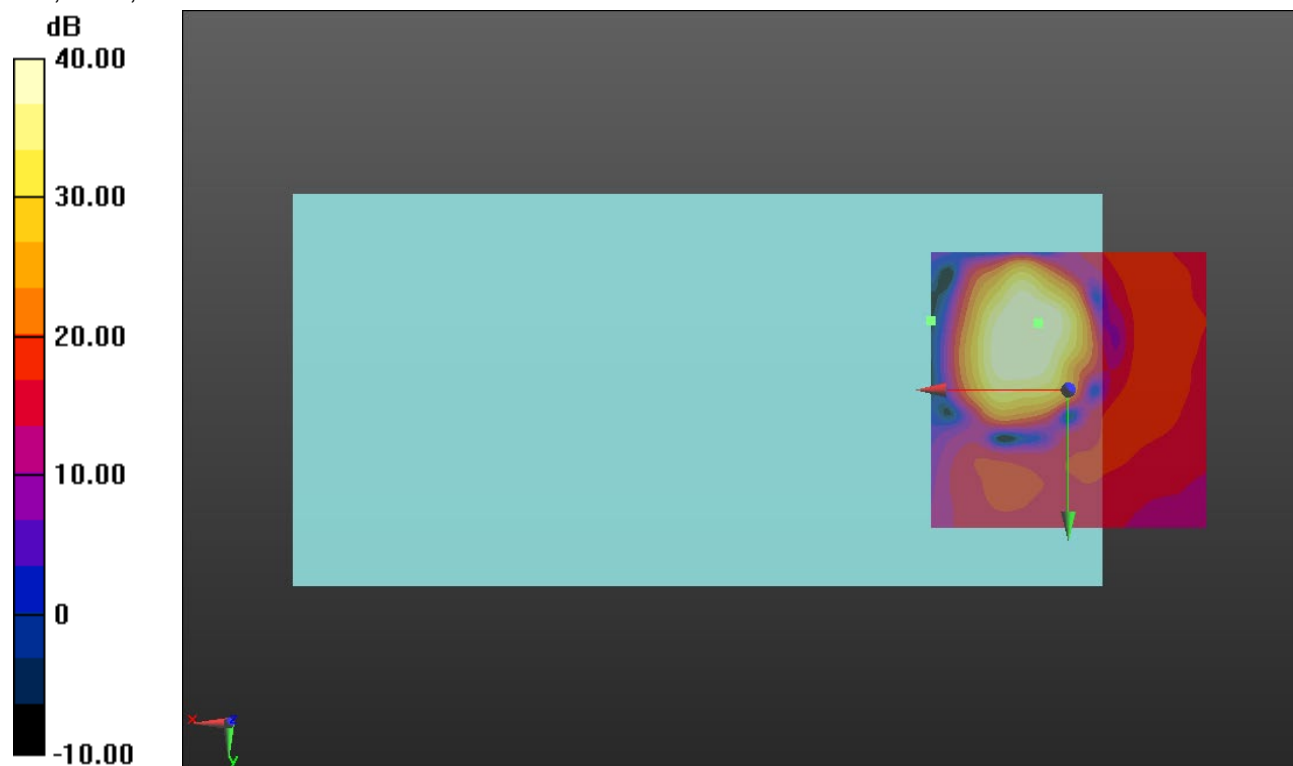
ABM1 comp = 1.60 dBA/m

BWC Factor = 0.16 dB

Location: 5.4, -12.1, 3.7 mm

ABM2 = -23.47 dBA/m

Location: 25, -12.5, 3.7 mm



0 dB = 1.000 = 0.00 dB

### 802.11ax

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_20 MHz\_MCS0 8.6 Mbps\_Ch 36\_Core 0\_ANT6/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 43.26 dB

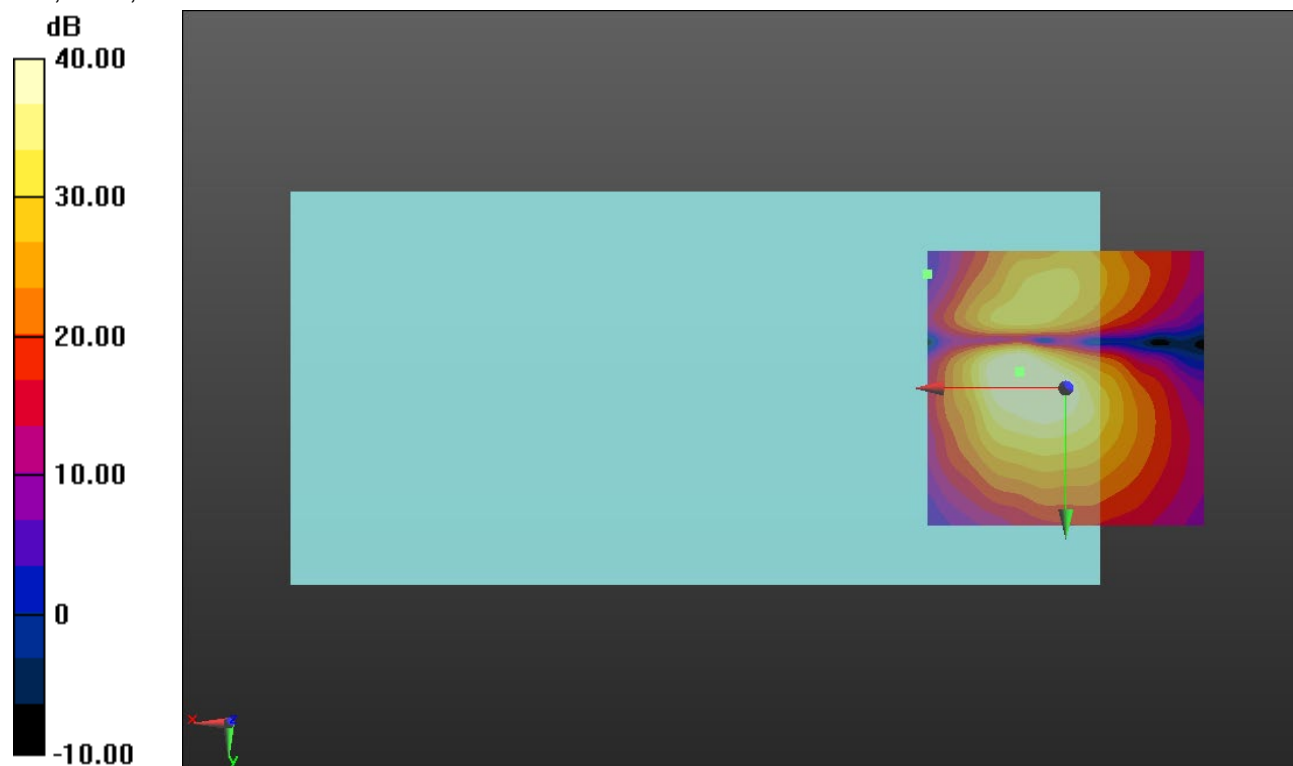
ABM1 comp = -3.83 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, -2.9, 3.7 mm

ABM2 = -23.05 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### 802.11ax (5 GHz)

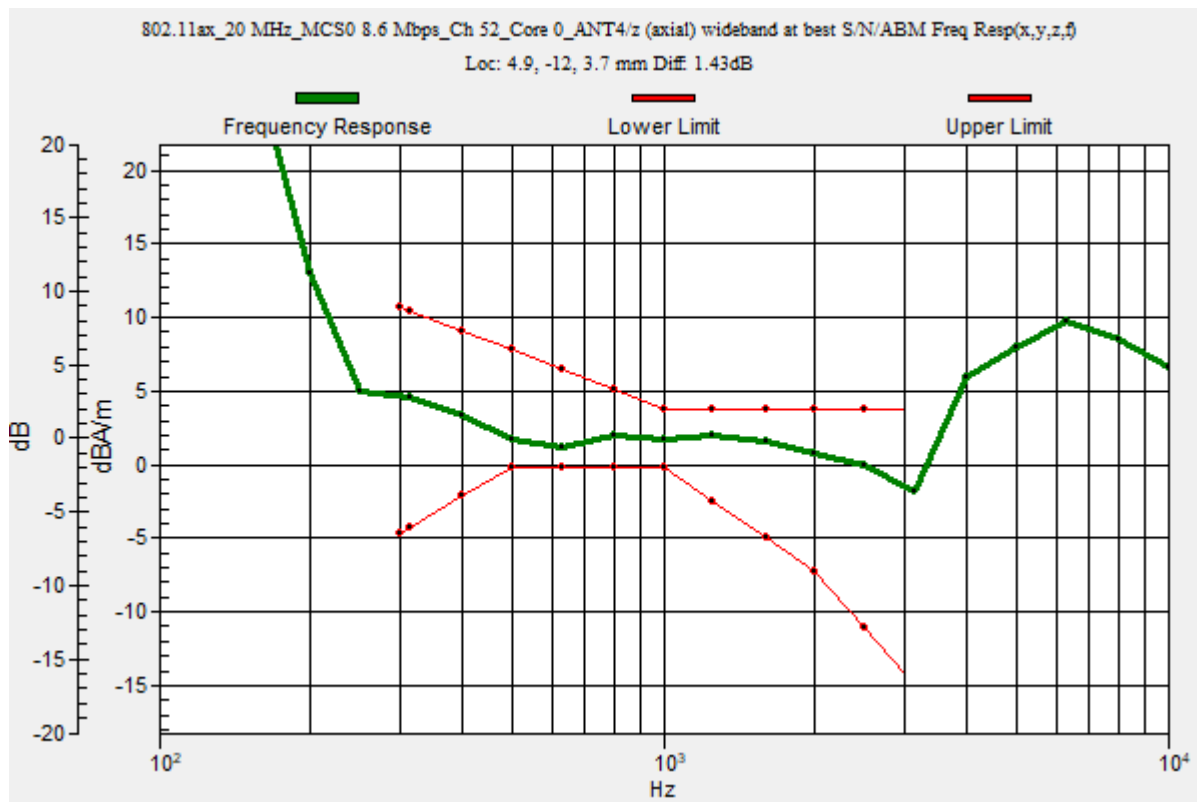
Communication System: UID 0, 1@IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5260 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_20 MHz\_MCS0 8.6 Mbps\_Ch 52\_Core 0\_ANT6/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: 73.03  
 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: 4.9, -12, 3.7 mm



### 802.11ax (5 GHz)

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_20 MHz\_MCS0 8.6 Mbps\_Ch 52\_Core 0\_ANT6/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

**Cursor:**

ABM1/ABM2 = 43.01 dB

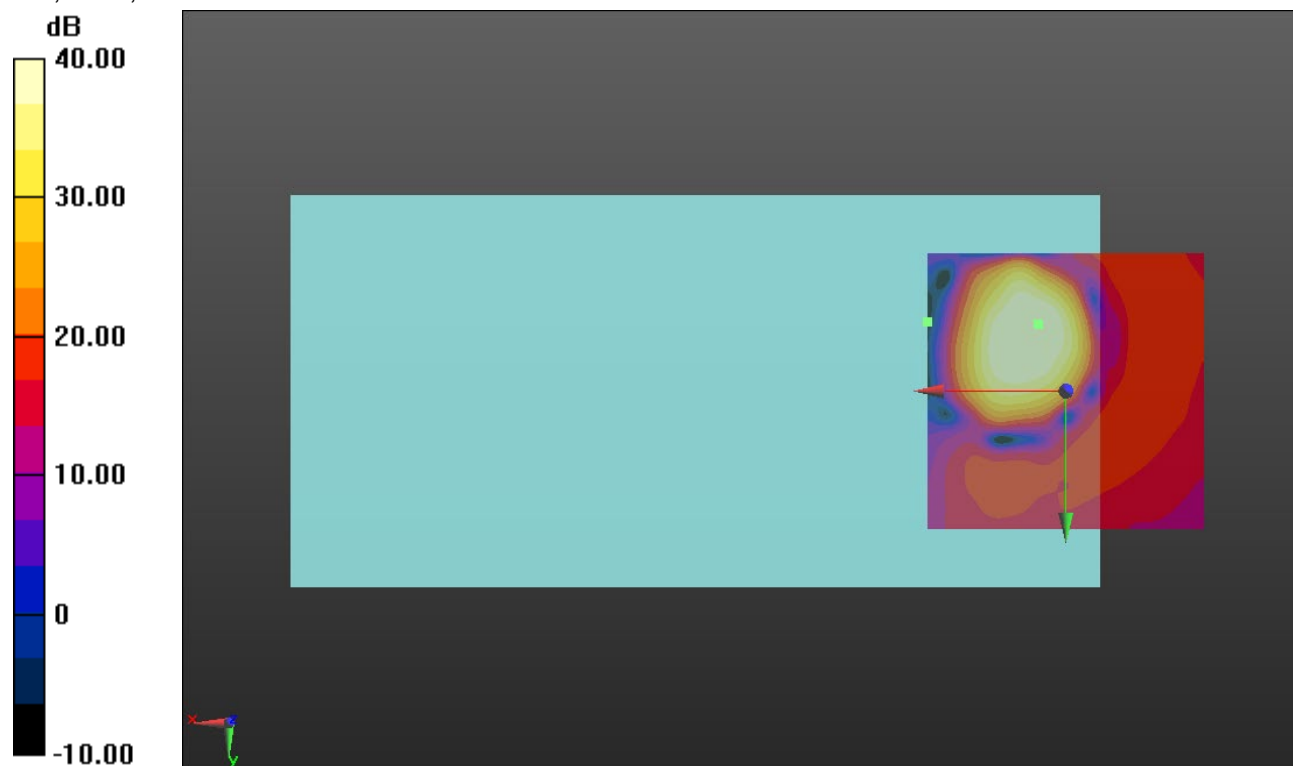
ABM1 comp = 0.77 dBA/m

BWC Factor = 0.16 dB

Location: 5, -12.1, 3.7 mm

ABM2 = -24.16 dBA/m

Location: 25, -12.5, 3.7 mm



0 dB = 1.000 = 0.00 dB

### 802.11ax (5 GHz)

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_20 MHz\_MCS0 8.6 Mbps\_Ch 52\_Core 0\_ANT6/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

**Cursor:**

ABM1/ABM2 = 43.67 dB

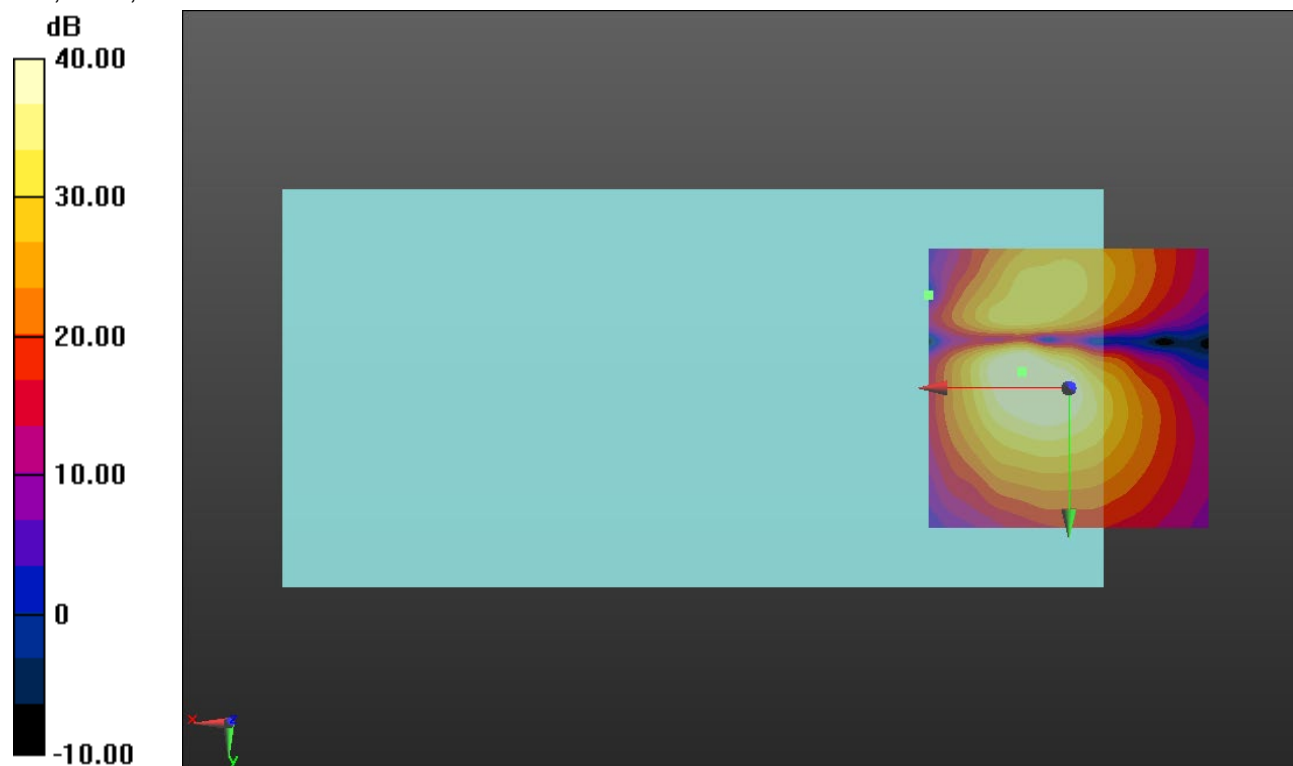
ABM1 comp = -3.82 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, -2.9, 3.7 mm

ABM2 = -17.88 dBA/m

Location: 25, -16.7, 3.7 mm



0 dB = 1.000 = 0.00 dB



### 802.11ax (5 GHz)

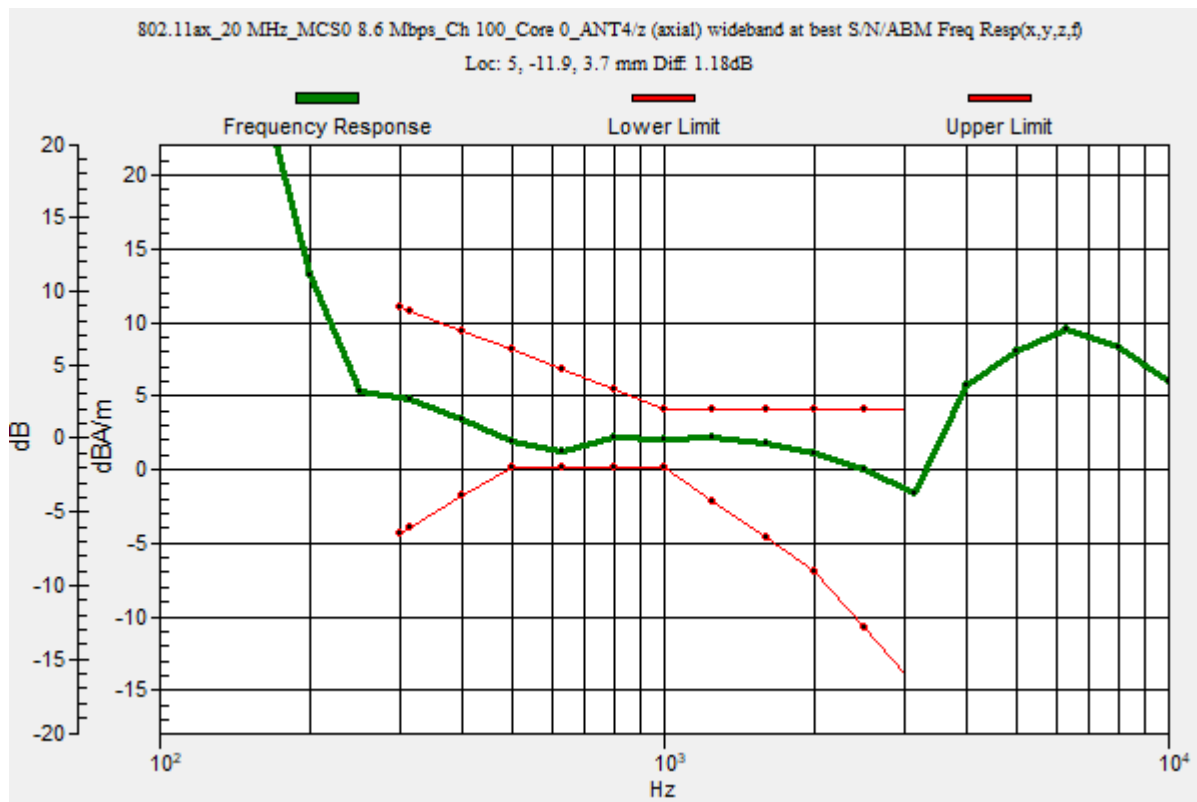
Communication System: UID 0, 1@IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5500 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_20 MHz\_MCS0 8.6 Mbps\_Ch 100\_Core 0\_ANT6/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: 73.03  
 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 = 1.18 dB  
 BWC Factor = 10.80 dB  
 Location: 5, -11.9, 3.7 mm



### 802.11ax (5 GHz)

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_20 MHz\_MCS0 8.6 Mbps\_Ch 100\_Core 0\_ANT6/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

**Cursor:**

ABM1/ABM2 = 42.80 dB

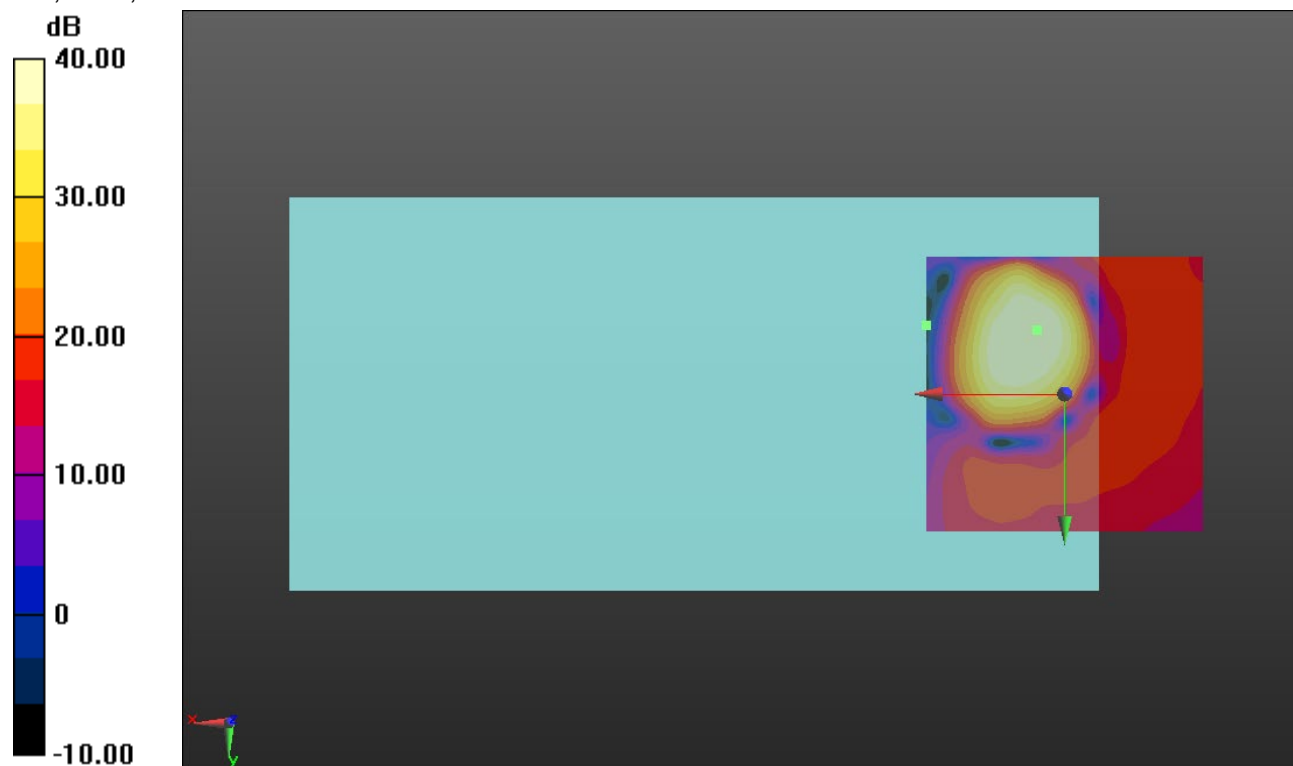
ABM1 comp = 1.09 dBA/m

BWC Factor = 0.16 dB

Location: 5, -11.7, 3.7 mm

ABM2 = -24.25 dBA/m

Location: 25, -12.5, 3.7 mm



0 dB = 1.000 = 0.00 dB

### 802.11ax (5 GHz)

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_20 MHz\_MCS0 8.6 Mbps\_Ch 100\_Core 0\_ANT6/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

**Cursor:**

ABM1/ABM2 = 43.82 dB

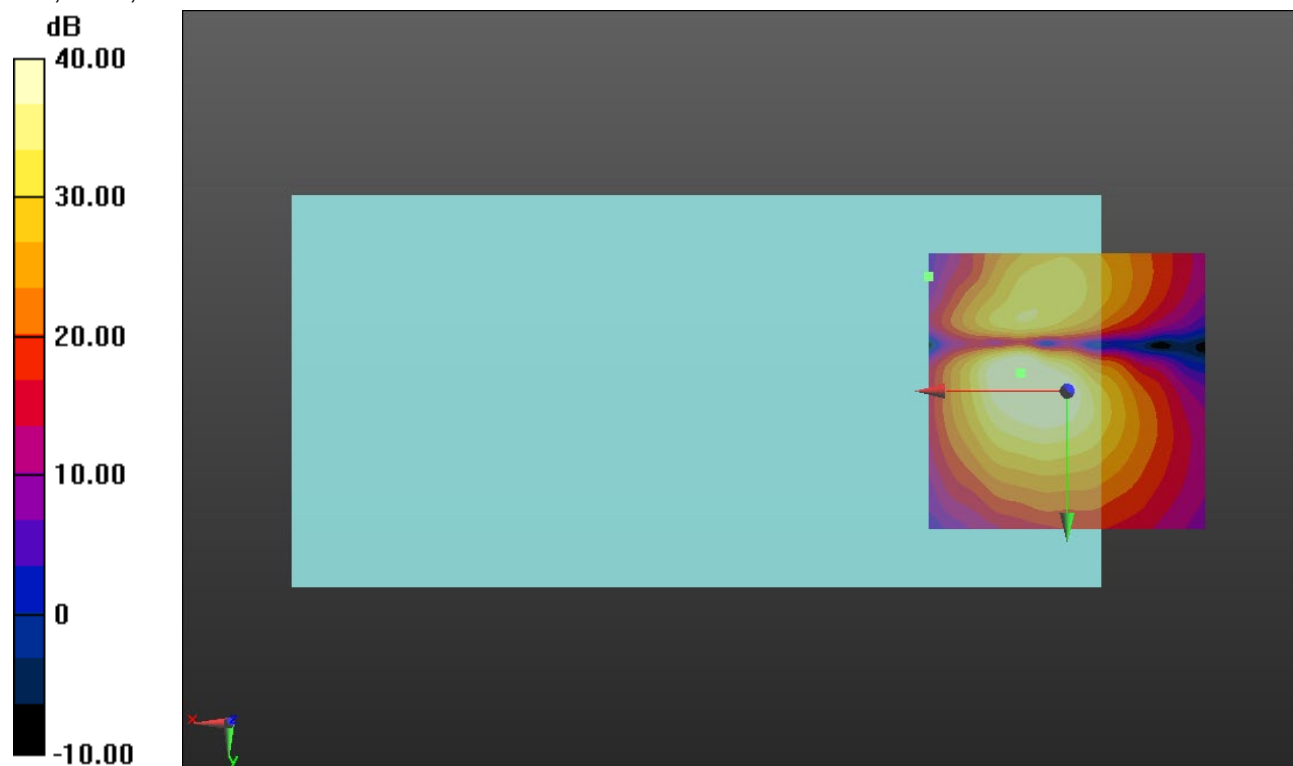
ABM1 comp = -4.10 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, -3.3, 3.7 mm

ABM2 = -24.55 dBA/m

Location: 25, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### 802.11ax (5 GHz)

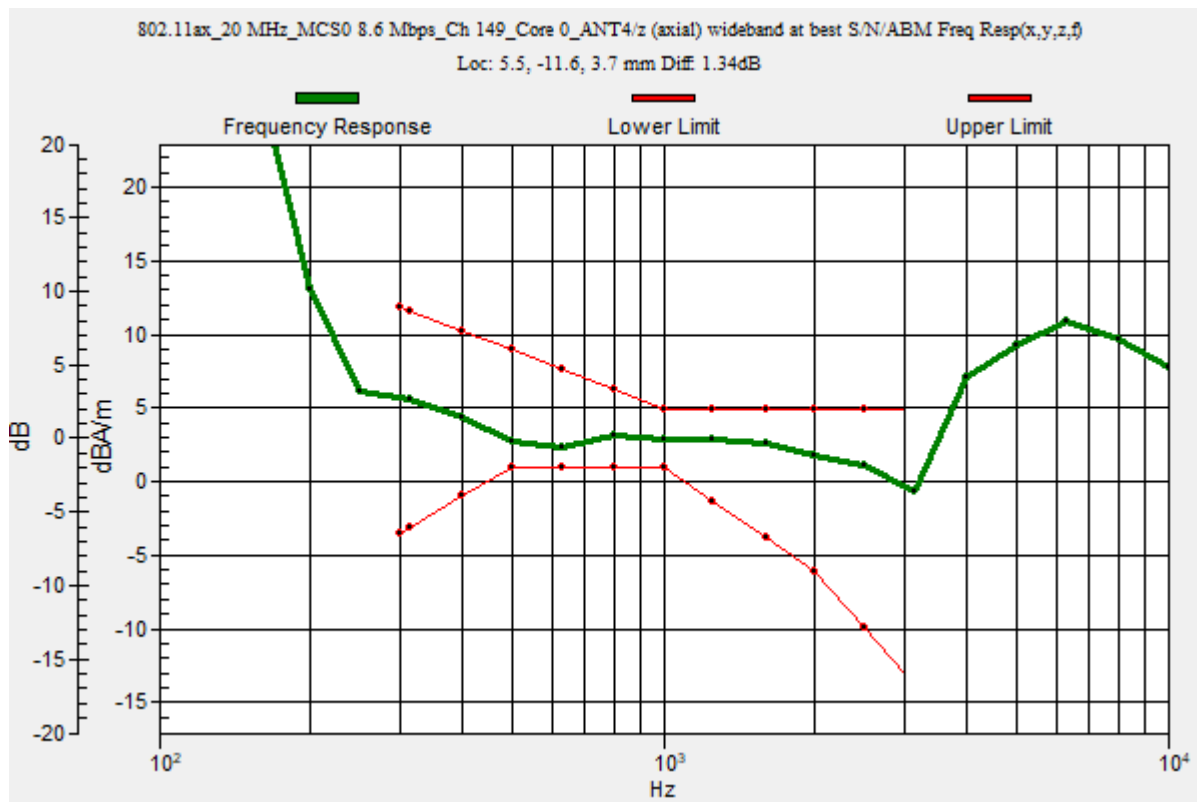
Communication System: UID 0, 1@IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5745 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_20 MHz\_MCS0 8.6 Mbps\_Ch 149\_Core 0\_ANT6/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: 73.03  
 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 = 1.34 dB  
 BWC Factor = 10.80 dB  
 Location: 5.5, -11.6, 3.7 mm



### 802.11ax (5 GHz)

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_20 MHz\_MCS0 8.6 Mbps\_Ch 149\_Core 0\_ANT6/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

**Cursor:**

ABM1/ABM2 = 42.17 dB

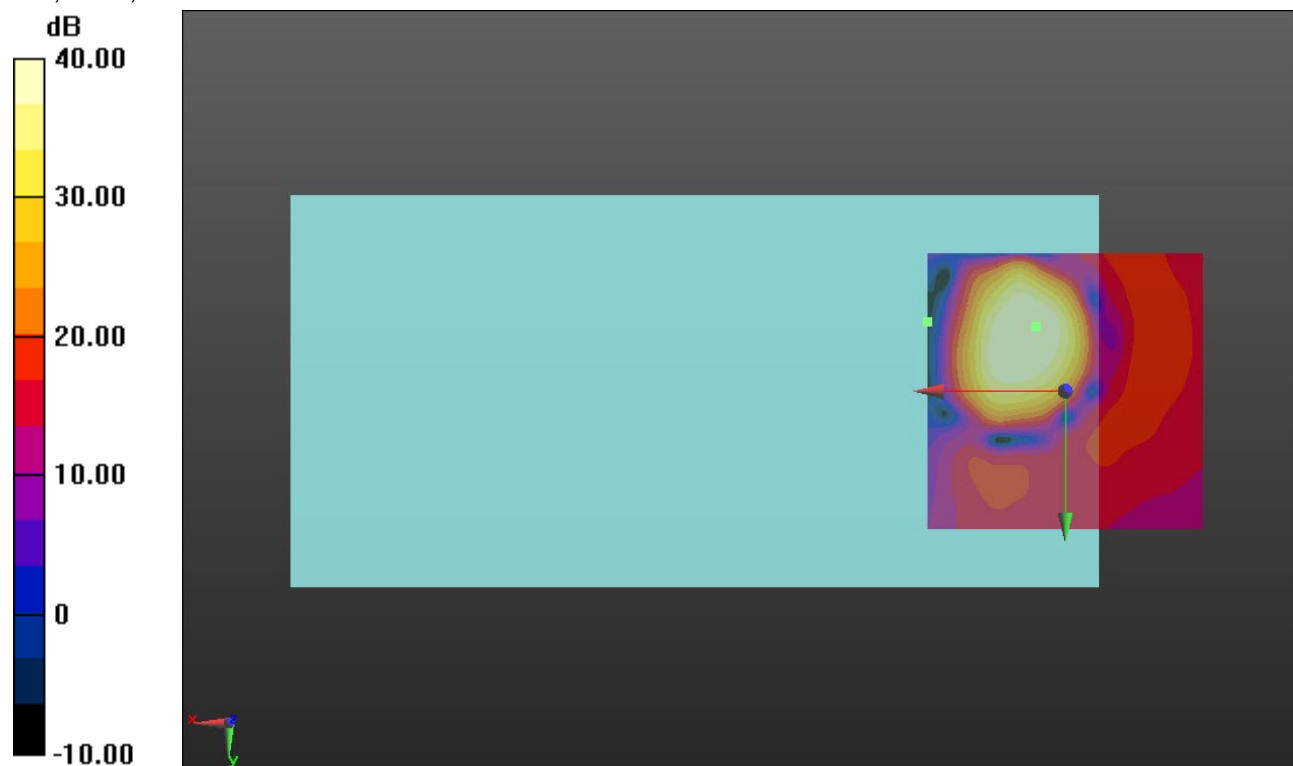
ABM1 comp = 1.81 dBA/m

BWC Factor = 0.16 dB

Location: 5.4, -11.7, 3.7 mm

ABM2 = -22.83 dBA/m

Location: 25, -12.5, 3.7 mm



0 dB = 1.000 = 0.00 dB

### 802.11ax (5 GHz)

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/20/2020
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1357; Calibrated: 2/20/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_20 MHz\_MCS0 8.6 Mbps\_Ch 149\_Core 0\_ANT6/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: 37.24

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

**Cursor:**

ABM1/ABM2 = 43.08 dB

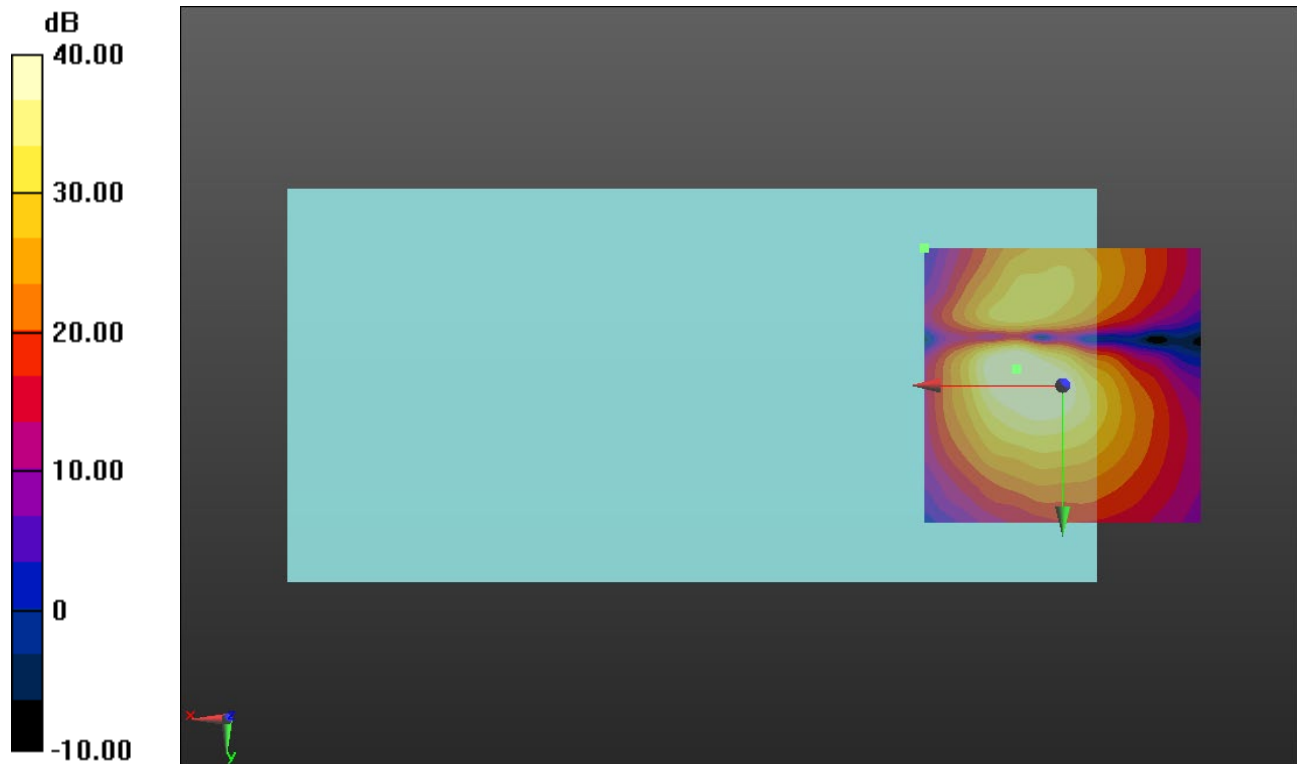
ABM1 comp = -3.87 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, -2.9, 3.7 mm

ABM2 = -22.59 dBA/m

Location: 25, -25, 3.7 mm



0 dB = 1.000 = 0.00 dB