

### GSM 850

Communication System: UID 0, 1@GPRS-FDD (TDMA, GMSK, 1 slot) (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.00018

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM 850\_1 slot\_GPRS\_Ch

**190\_Port B/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: 47.2

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

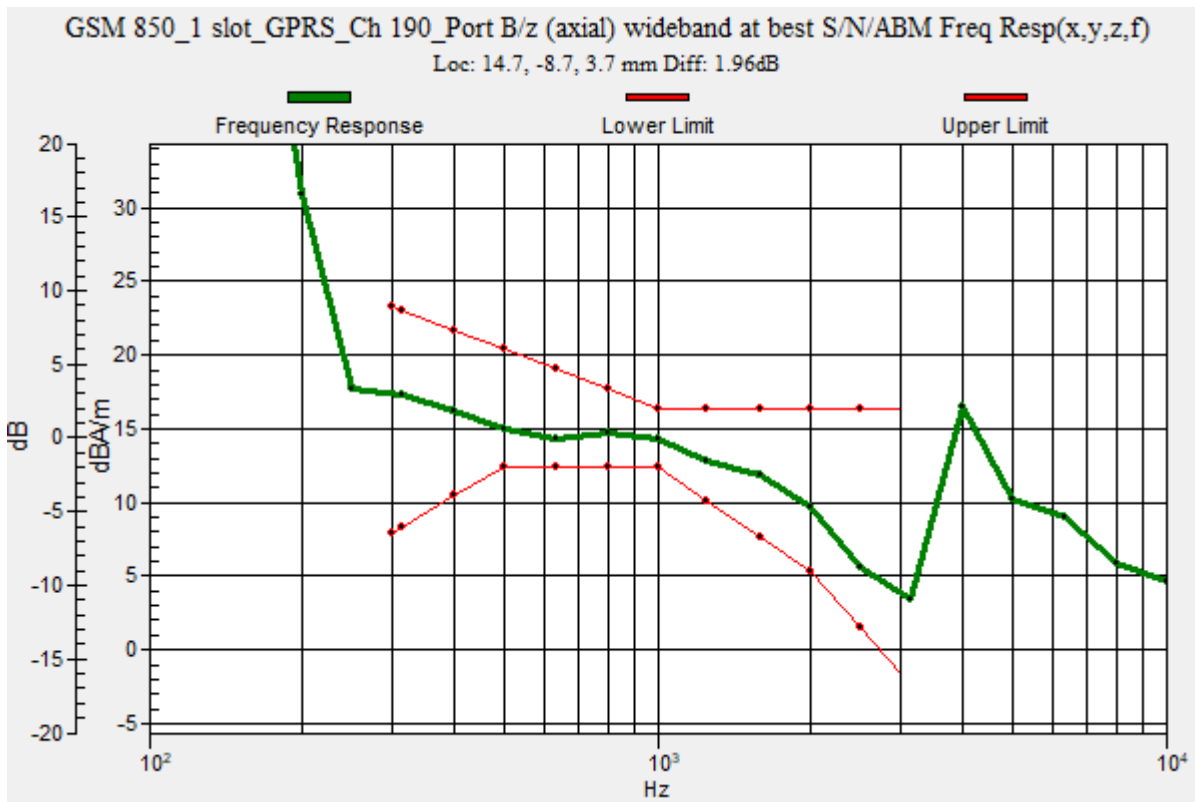
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 1.96 dB

BWC Factor = 10.80 dB

Location: 14.7, -8.7, 3.7 mm



### GSM 850

Communication System: UID 0, 1@GPRS-FDD (TDMA, GMSK, 1 slot) (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.00018

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM 850\_1 slot\_GPRS\_Ch

190\_Port B/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: 24.07

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

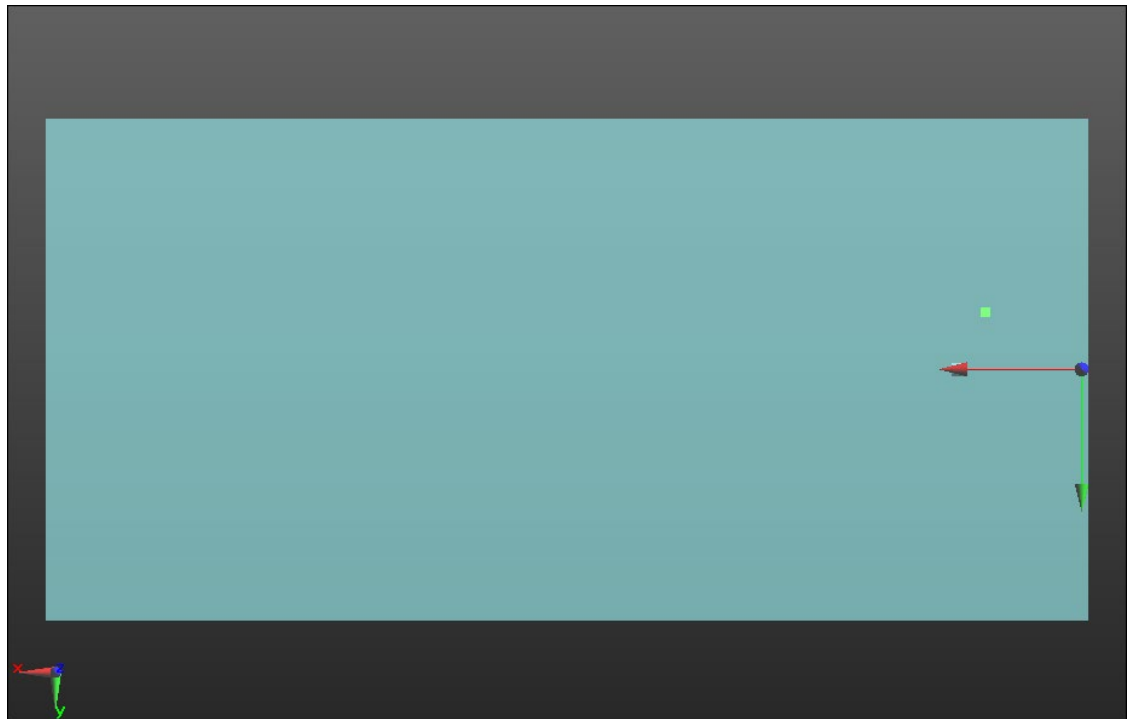
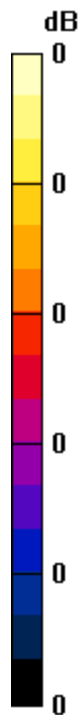
#### Cursor:

ABM1/ABM2 = 48.56 dB

ABM1 comp = 13.14 dBA/m

BWC Factor = 0.16 dB

Location: 14.7, -8.7, 3.7 mm



0 dB = 1.000 = 0.00 dB

### GSM 1900

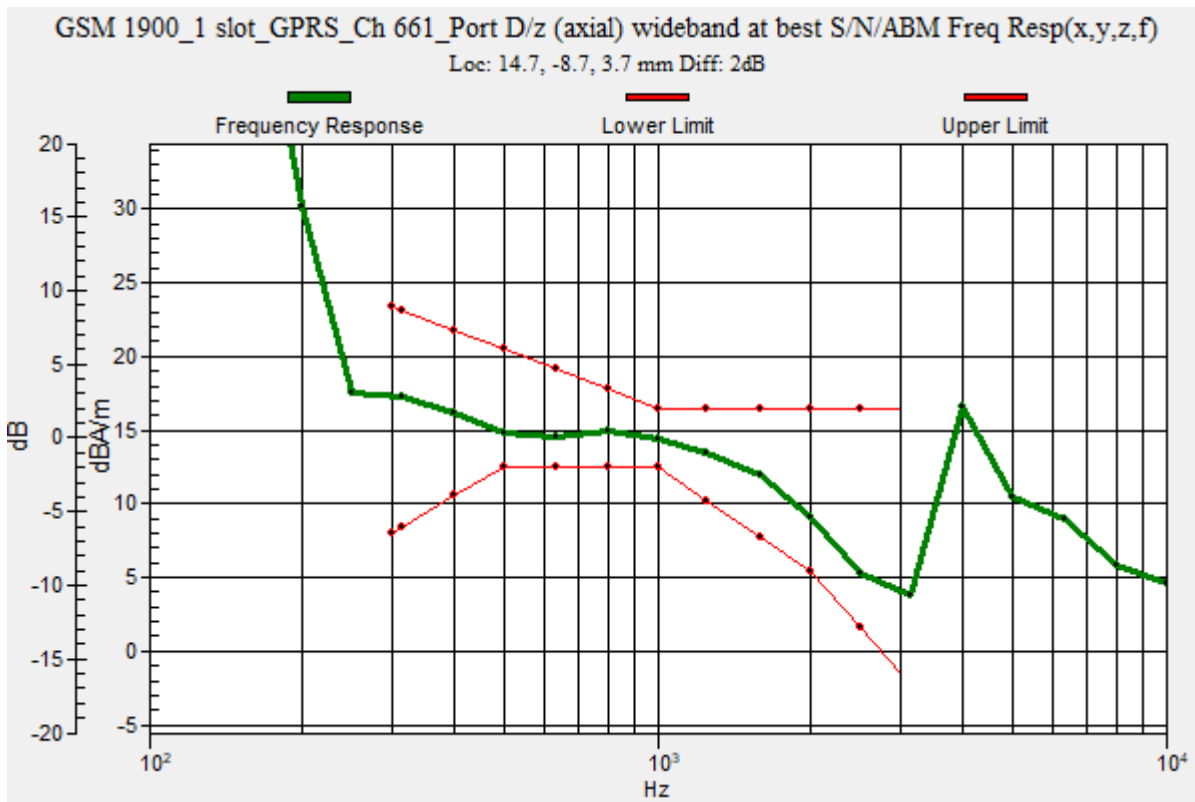
Communication System: UID 0, 1@GPRS-FDD (TDMA, GMSK, 1 slot) (0); Frequency: 1880 MHz;Duty Cycle: 1:8.00018

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM 1900\_1 slot\_GPRS\_Ch 661\_Port D/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: 47.2  
 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 = 2.00 dB  
 BWC Factor = 10.80 dB  
 Location: 14.7, -8.7, 3.7 mm



### GSM 1900

Communication System: UID 0, 1@GPRS-FDD (TDMA, GMSK, 1 slot) (0); Frequency: 1880 MHz; Duty Cycle: 1:8.00018

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM 1900\_1 slot\_GPRS\_Ch

**661\_Port D/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: 24.07

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

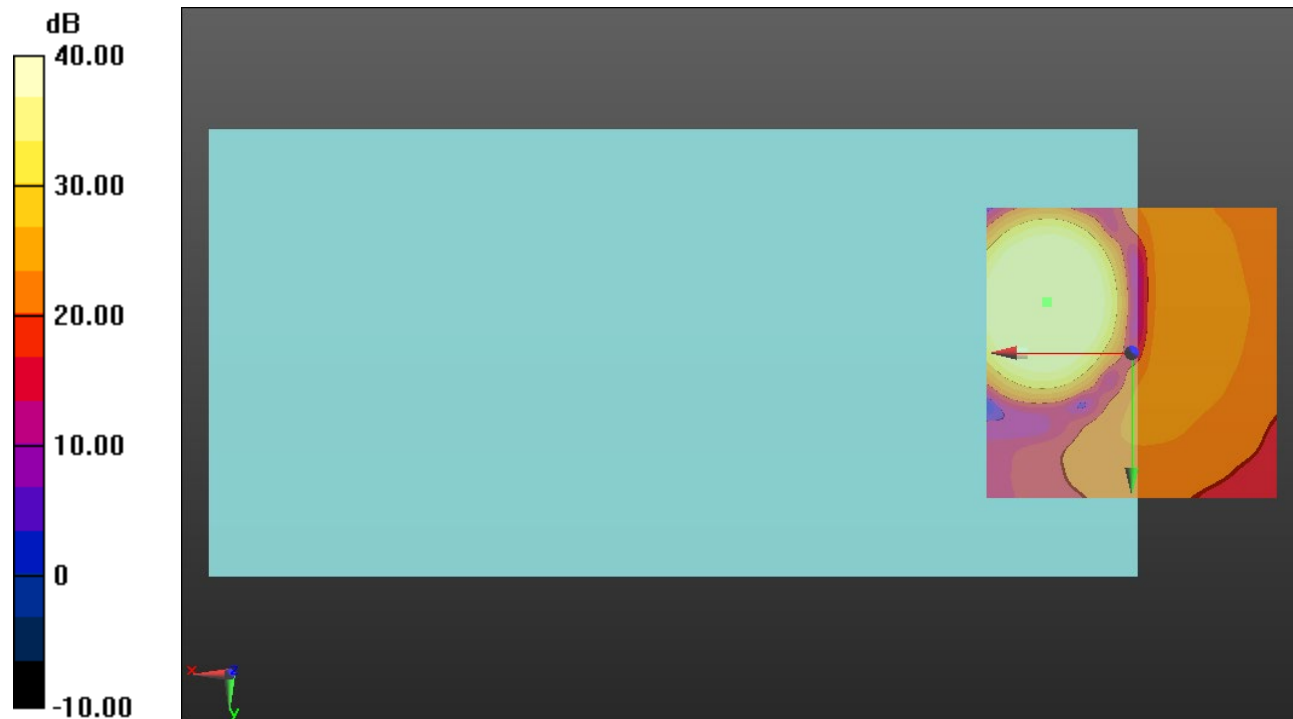
#### Cursor:

ABM1/ABM2 = 47.32 dB

ABM1 comp = 12.92 dBA/m

BWC Factor = 0.16 dB

Location: 14.6, -8.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### WCDMA Band II

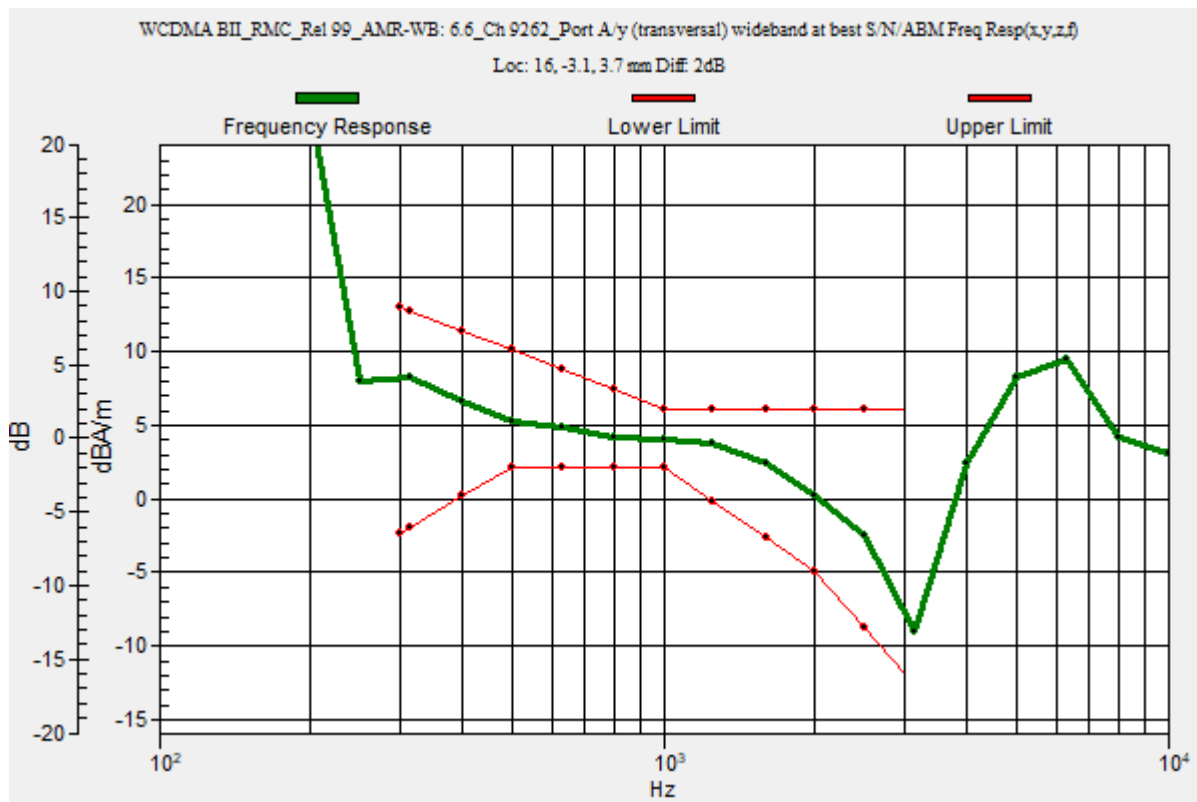
Communication System: UID 0, 1@UMTS-FDD (WCDMA) (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA BII\_RMC\_Rel 99\_AMR-WB: 6.6\_Ch 9262\_Port A/y (transversal) 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: 47.2  
 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 = 2.00 dB  
 BWC Factor = 10.80 dB  
 Location: 16, -3.1, 3.7 mm



## WCDMA Band II

Communication System: UID 0, 1@UMTS-FDD (WCDMA) (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA BII\_RMC\_Rel 99\_AMR-WB: 6.6\_Ch 9262\_Port A/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: 24.07

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 42.02 dB

ABM1 comp = -2.90 dBA/m

BWC Factor = 0.16 dB

Location: 16, -3.1, 3.7 mm



0 dB = 1.000 = 0.00 dB

### WCDMA Band IV

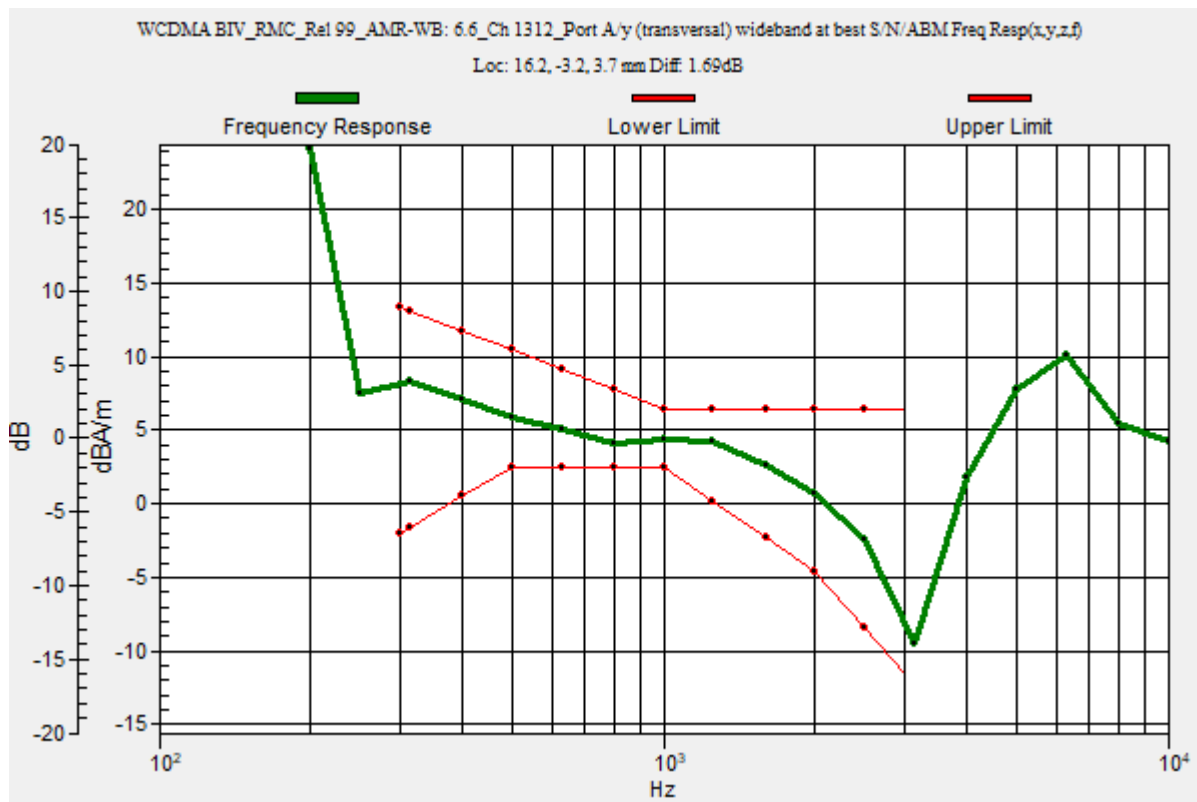
Communication System: UID 0, 1@UMTS-FDD (WCDMA) (0); Frequency: 1712.4 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA BIV\_RMC\_Rel 99\_AMR-WB: 6.6\_Ch 1312\_Port A/y (transversal) 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: 47.2  
 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 = 1.69 dB  
 BWC Factor = 10.80 dB  
 Location: 16.2, -3.2, 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 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA BIV\_RMC\_Rel 99\_AMR-WB: 6.6\_Ch 1312\_Port A/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: 24.07

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

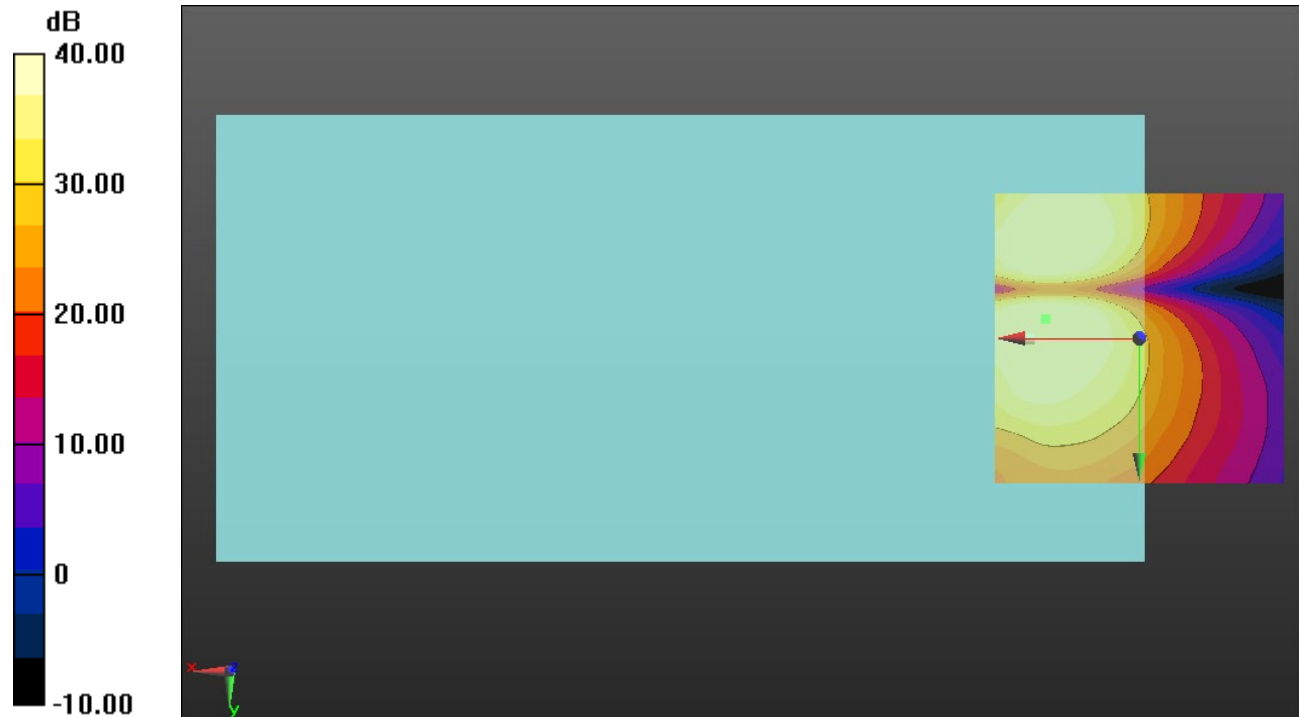
#### Cursor:

ABM1/ABM2 = 42.56 dB

ABM1 comp = -3.06 dBA/m

BWC Factor = 0.16 dB

Location: 16.3, -3.3, 3.7 mm



0 dB = 1.000 = 0.00 dB



### WCDMA Band V

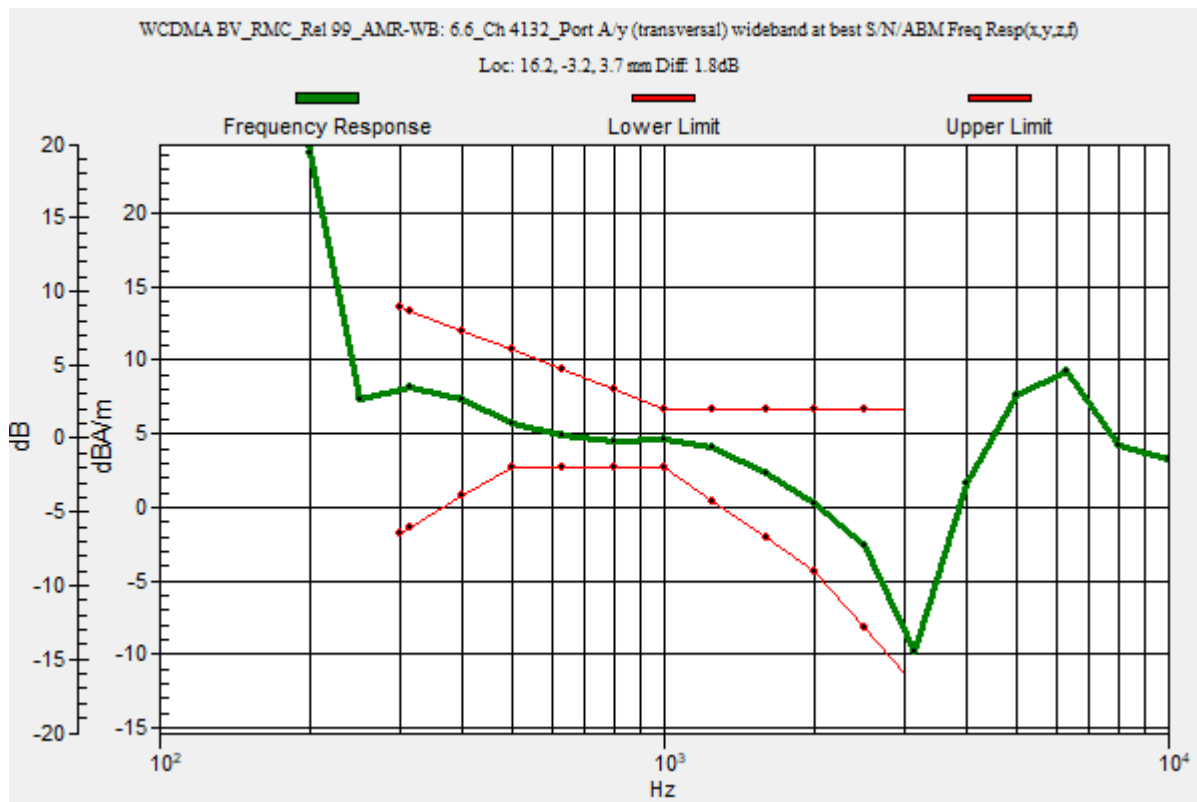
Communication System: UID 0, 1@UMTS-FDD (WCDMA) (0); Frequency: 826.4 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA BV\_RMC\_Rel 99\_AMR-WB: 6.6\_Ch 4132\_Port A/y (transversal) 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: 47.2  
 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 = 1.80 dB  
 BWC Factor = 10.80 dB  
 Location: 16.2, -3.2, 3.7 mm



## WCDMA Band V

Communication System: UID 0, 1@UMTS-FDD (WCDMA) (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA BV\_RMC\_Rel 99\_AMR-WB: 6.6\_Ch 4132\_Port A/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: 24.07

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 42.38 dB

ABM1 comp = -2.75 dBA/m

BWC Factor = 0.16 dB

Location: 16.3, -3.2, 3.7 mm



0 dB = 1.000 = 0.00 dB

## LTE Band 2

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1860 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 2\_QPSK 20MHz BW\_RB 50,24\_Ch 18700\_AMR-WB: 6.6 kbps\_Port C/y (transversal) 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: 47.2

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

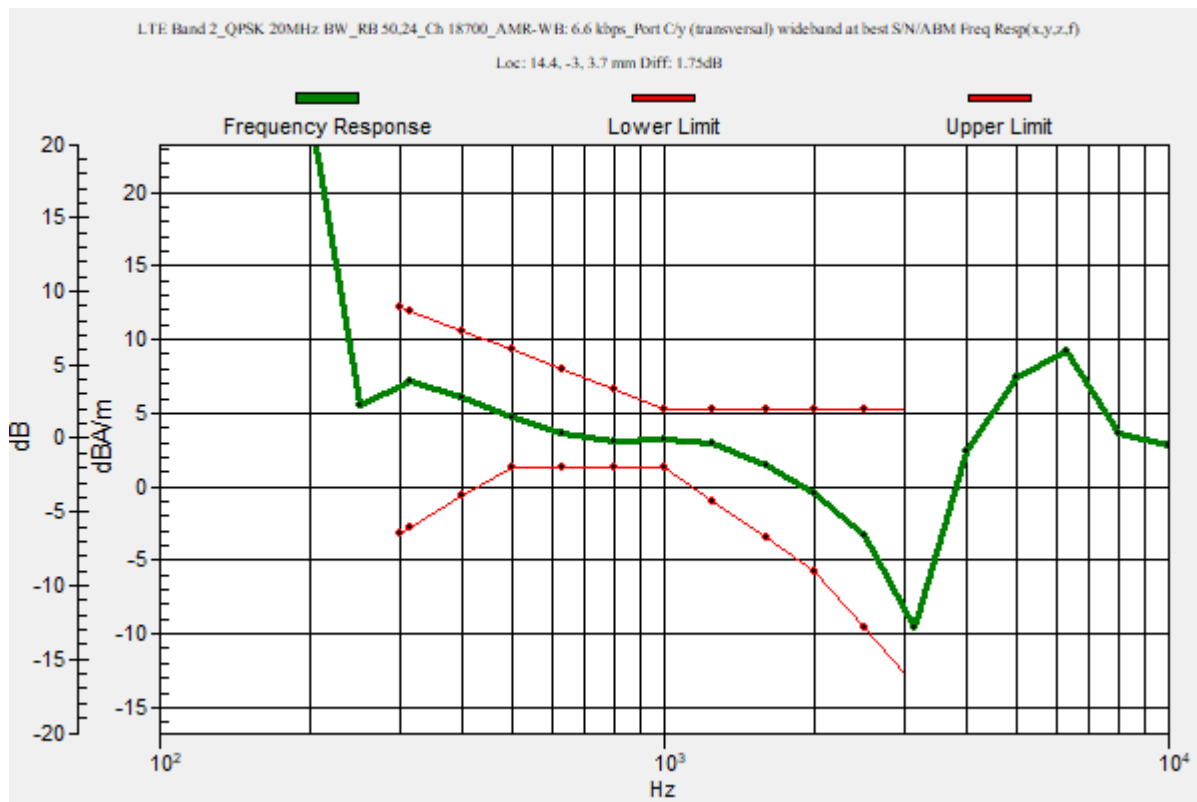
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 1.75 dB

BWC Factor = 10.80 dB

Location: 14.4, -3, 3.7 mm



## LTE Band 2

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 2\_QPSK 20MHz BW\_RB 50,24\_Ch 18700\_AMR-WB: 6.6 kbps\_Port C/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: 24.07

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

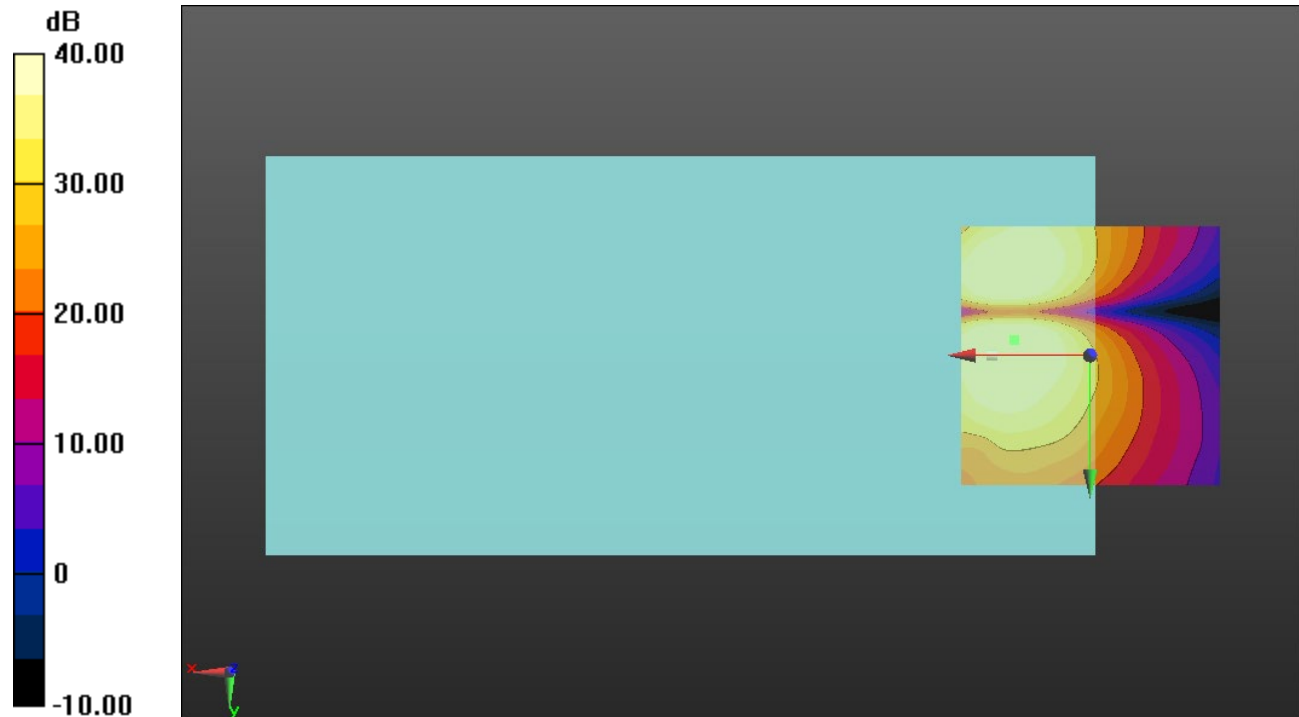
#### Cursor:

ABM1/ABM2 = 42.42 dB

ABM1 comp = -3.15 dBA/m

BWC Factor = 0.16 dB

Location: 14.6, -2.9, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 4

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1720 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 4\_QPSK 20MHz BW\_RB 50,24\_Ch 20050\_AMR-WB: 6.6 kbps\_Port C/y (transversal) 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: 47.2

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

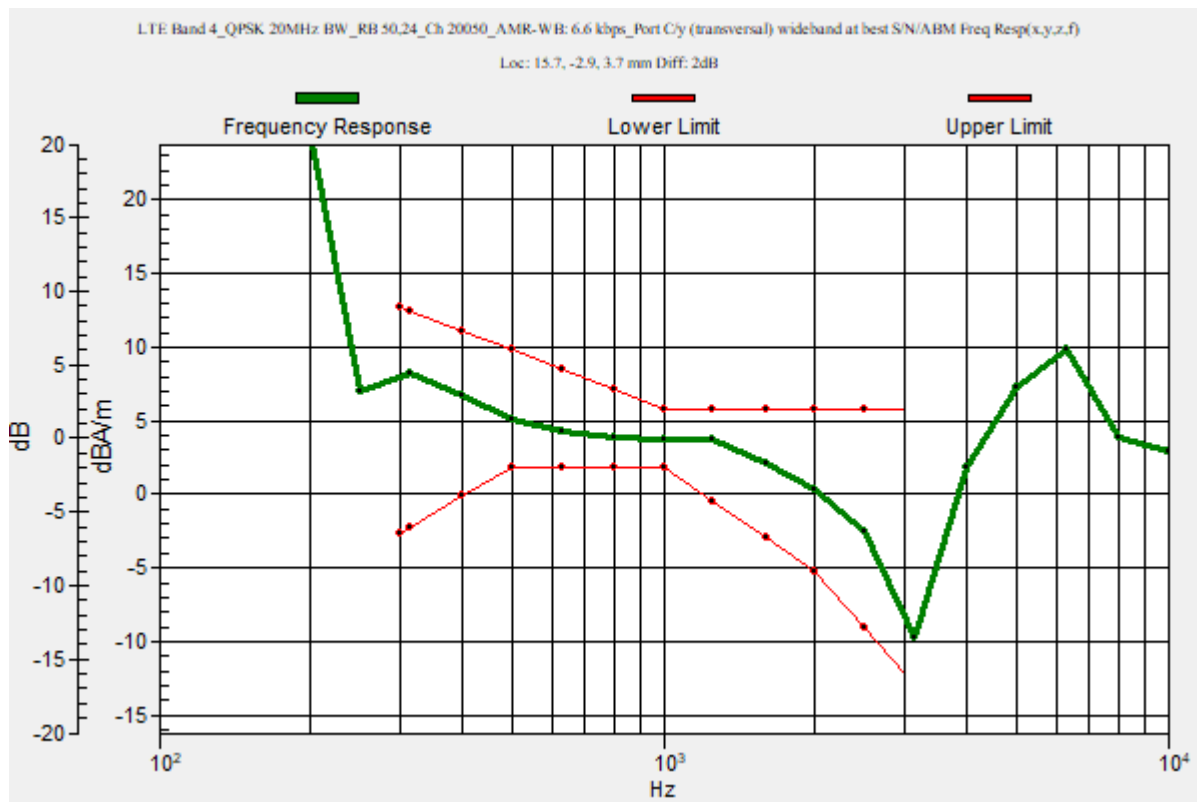
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 2.00 dB

BWC Factor = 10.80 dB

Location: 15.7, -2.9, 3.7 mm



## LTE Band 4

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 4\_QPSK 20MHz BW\_RB 50,24\_Ch 20050\_AMR-WB: 6.6 kbps\_Port C/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: 24.07

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

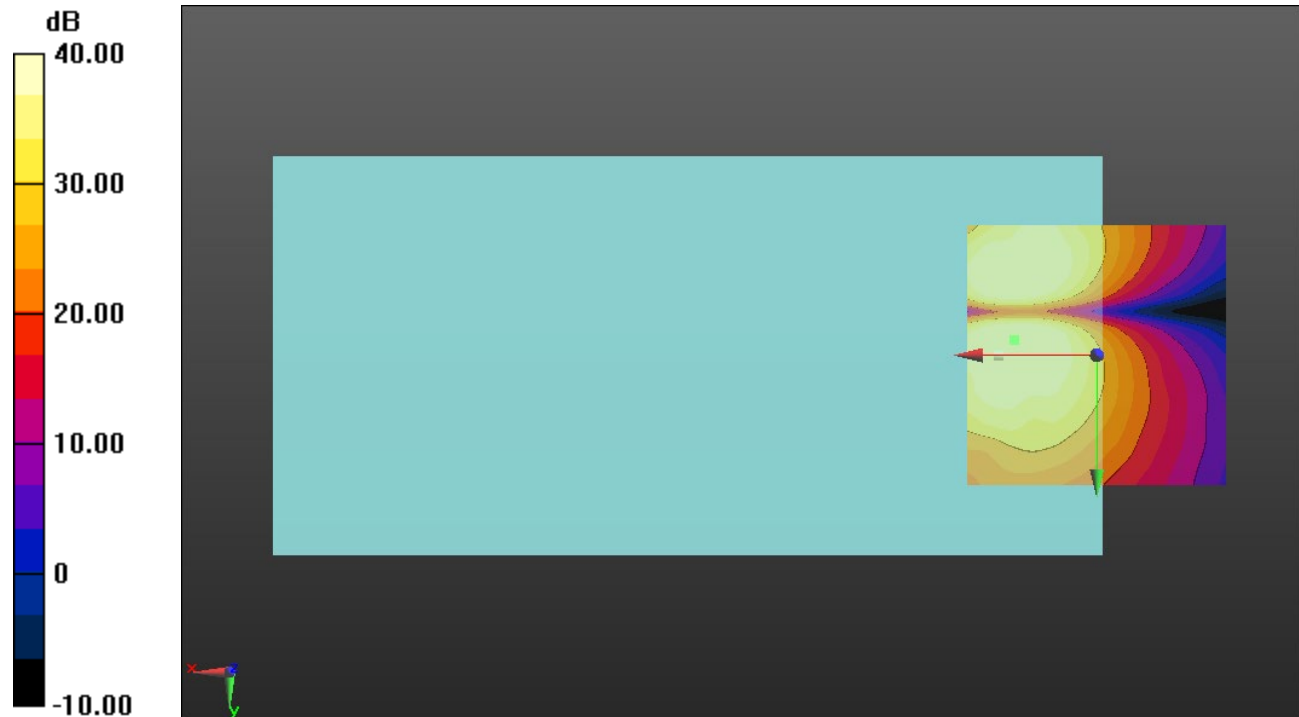
#### Cursor:

ABM1/ABM2 = 42.61 dB

ABM1 comp = -2.52 dBA/m

BWC Factor = 0.16 dB

Location: 15.8, -2.9, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 5

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 829 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 5\_QPSK 10MHz BW\_RB 25,12\_Ch 20450\_AMR-WB: 6.6 kbps\_Port B/y (transversal) 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: 47.2

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

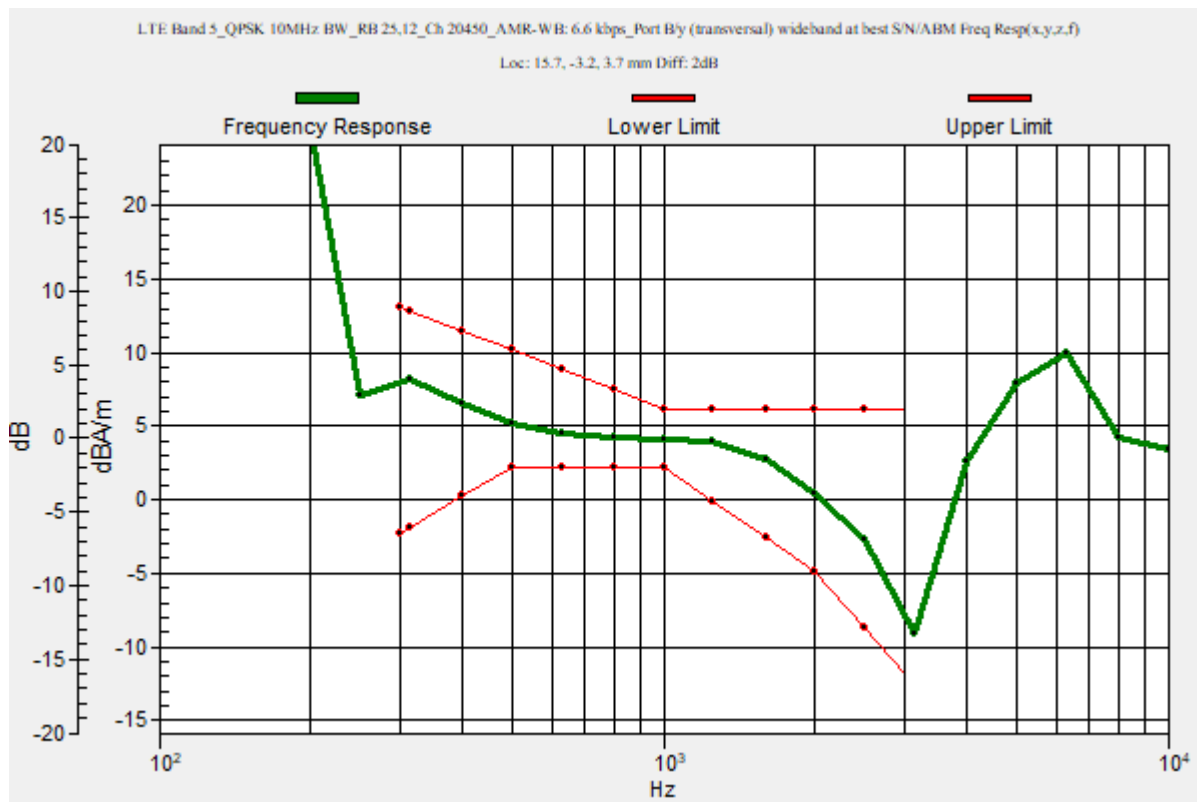
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 2.00 dB

BWC Factor = 10.80 dB

Location: 15.7, -3.2, 3.7 mm



## LTE Band 5

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 829 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 5\_QPSK 10MHz BW\_RB 25,12\_Ch 20450\_AMR-WB: 6.6 kbps\_Port B/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: 24.07

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

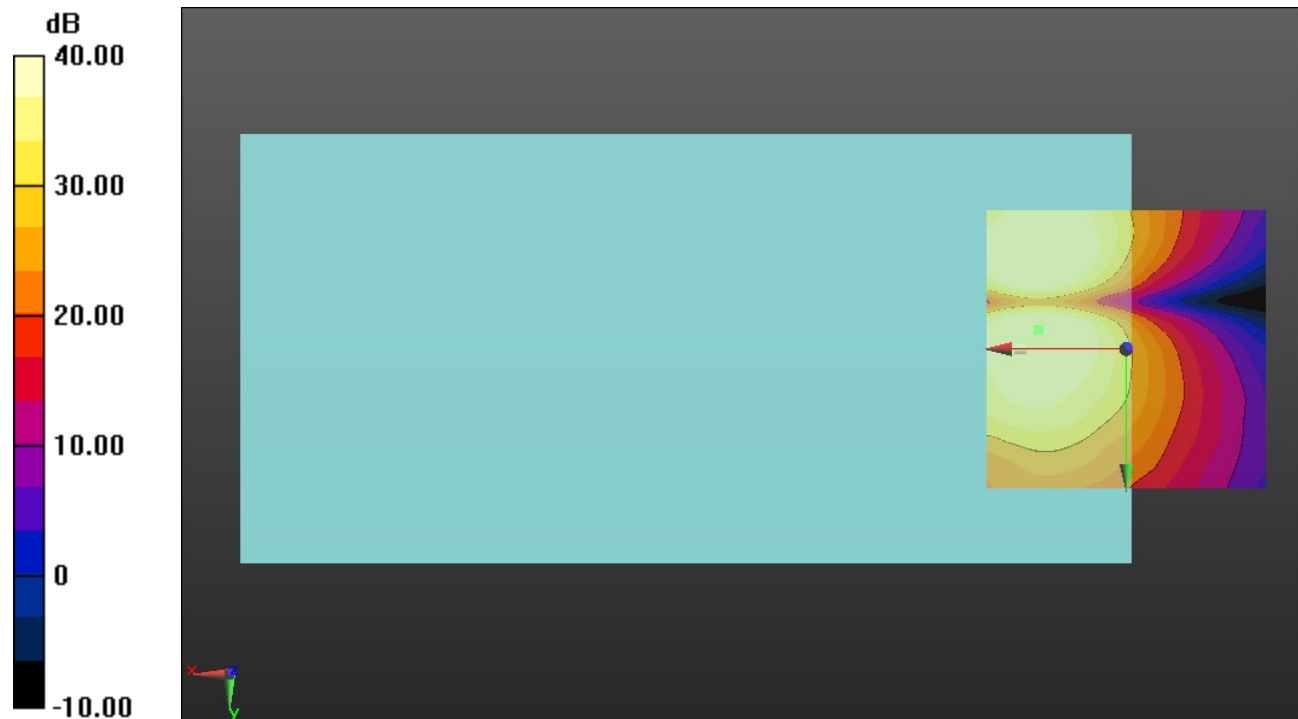
#### Cursor:

ABM1/ABM2 = 42.59 dB

ABM1 comp = -2.50 dBA/m

BWC Factor = 0.16 dB

Location: 15.8, -3.3, 3.7 mm



0 dB = 1.000 = 0.00 dB



### LTE Band 7

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 2510 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 7\_QPSK 20MHz BW\_RB 50,24\_Ch 20850\_AMR-WB: 6.6 kbps\_Port C/y (transversal) 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: 47.2

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

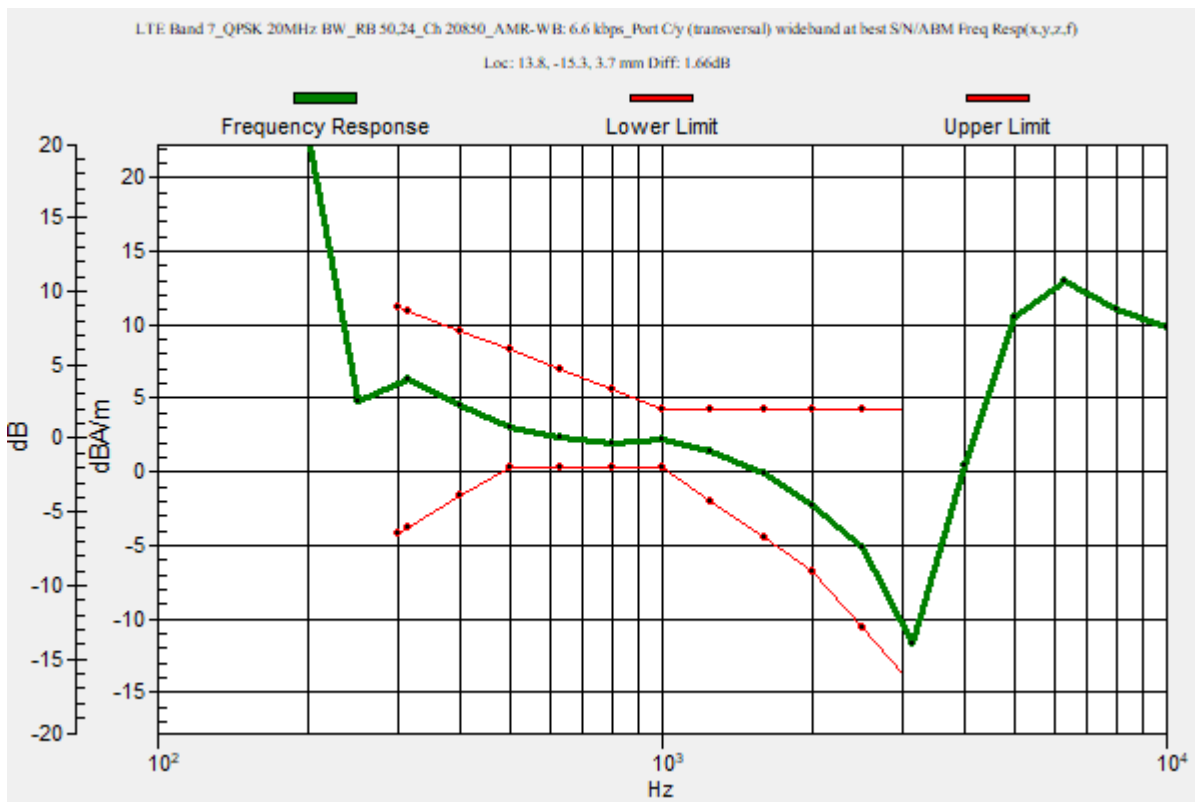
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 1.66 dB

BWC Factor = 10.80 dB

Location: 13.8, -15.3, 3.7 mm



## LTE Band 7

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 7\_QPSK 20MHz BW\_RB 50,24\_Ch 20850\_AMR-WB: 6.6 kbps\_Port C/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: 24.07

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

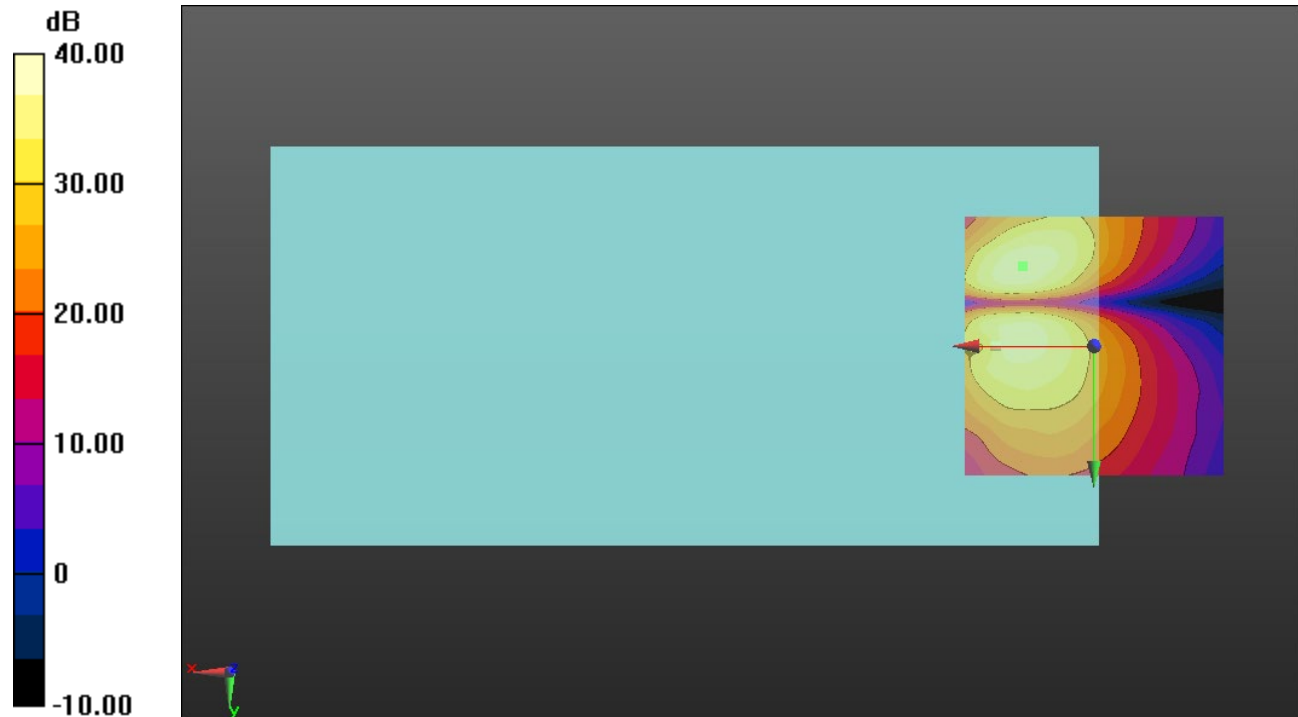
#### Cursor:

ABM1/ABM2 = 38.91 dB

ABM1 comp = -4.00 dBA/m

BWC Factor = 0.16 dB

Location: 13.8, -15.4, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 12

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 704 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 12\_QPSK 10MHz BW\_RB 25,12\_Ch 23060\_AMR-WB: 6.6 kbps\_Port B/y (transversal) 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: 47.2

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

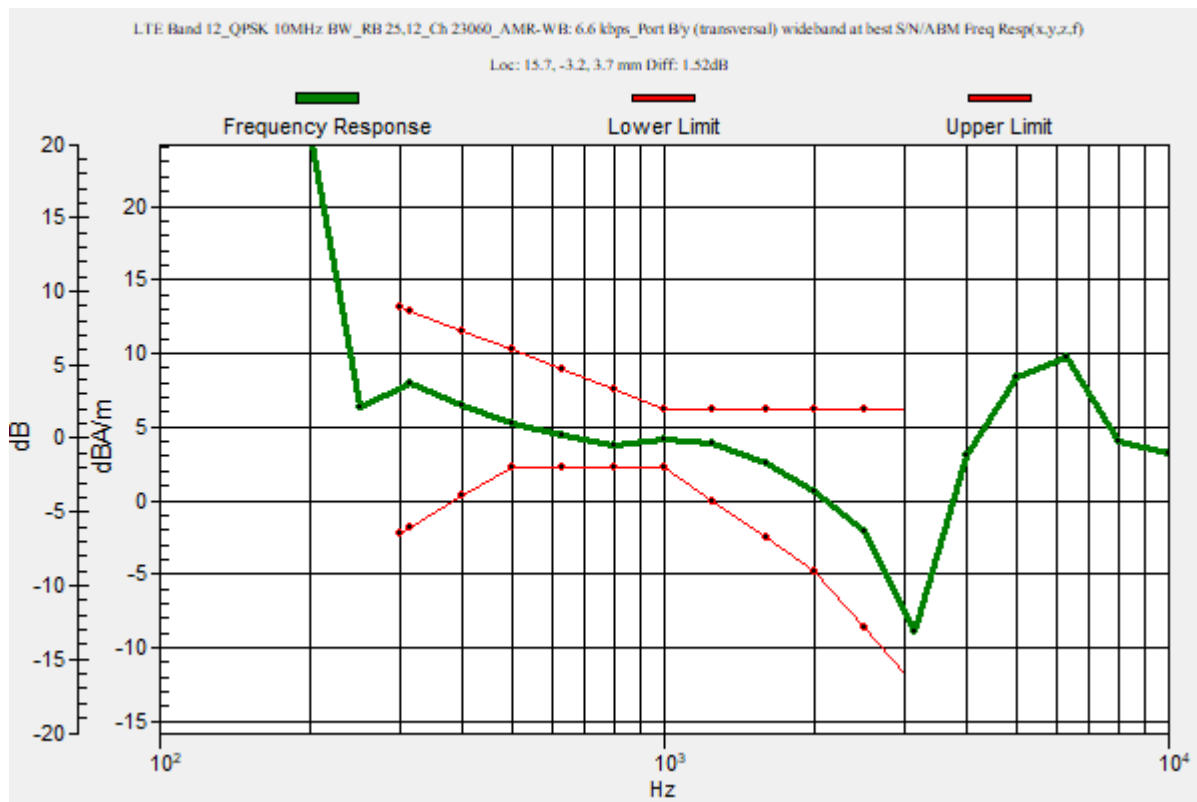
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 1.52 dB

BWC Factor = 10.80 dB

Location: 15.7, -3.2, 3.7 mm



## LTE Band 12

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 704 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 12\_QPSK 10MHz BW\_RB 25,12\_Ch 23060\_AMR-WB: 6.6 kbps\_Port B/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: 24.07

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 = -2.79 dBA/m

BWC Factor = 0.16 dB

Location: 15.7, -3.2, 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\_QPSK 10MHz BW\_RB 25,12\_Ch 23230\_AMR-WB: 6.6 kbps\_Port B/y (transversal) 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: 47.2

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

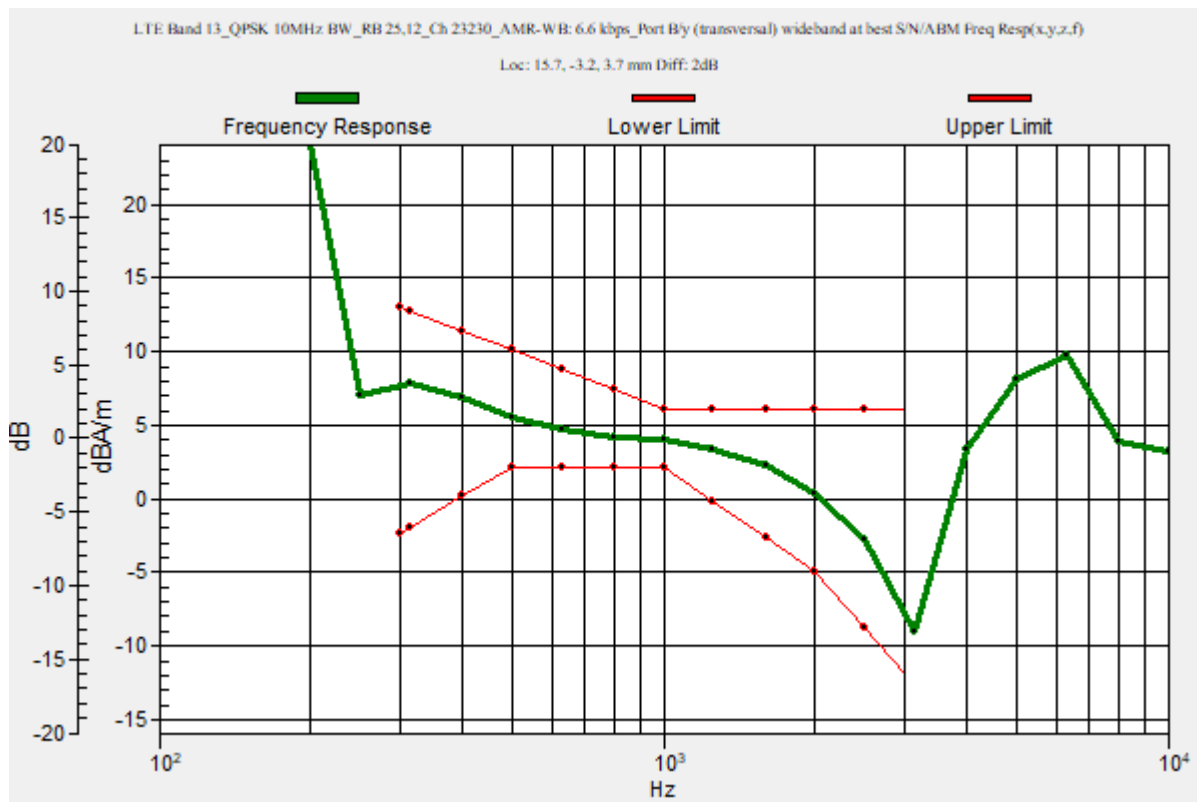
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 2.00 dB

BWC Factor = 10.80 dB

Location: 15.7, -3.2, 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 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 13\_QPSK 10MHz BW\_RB 25,12\_Ch 23230\_AMR-WB: 6.6 kbps\_Port B/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: 24.07

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

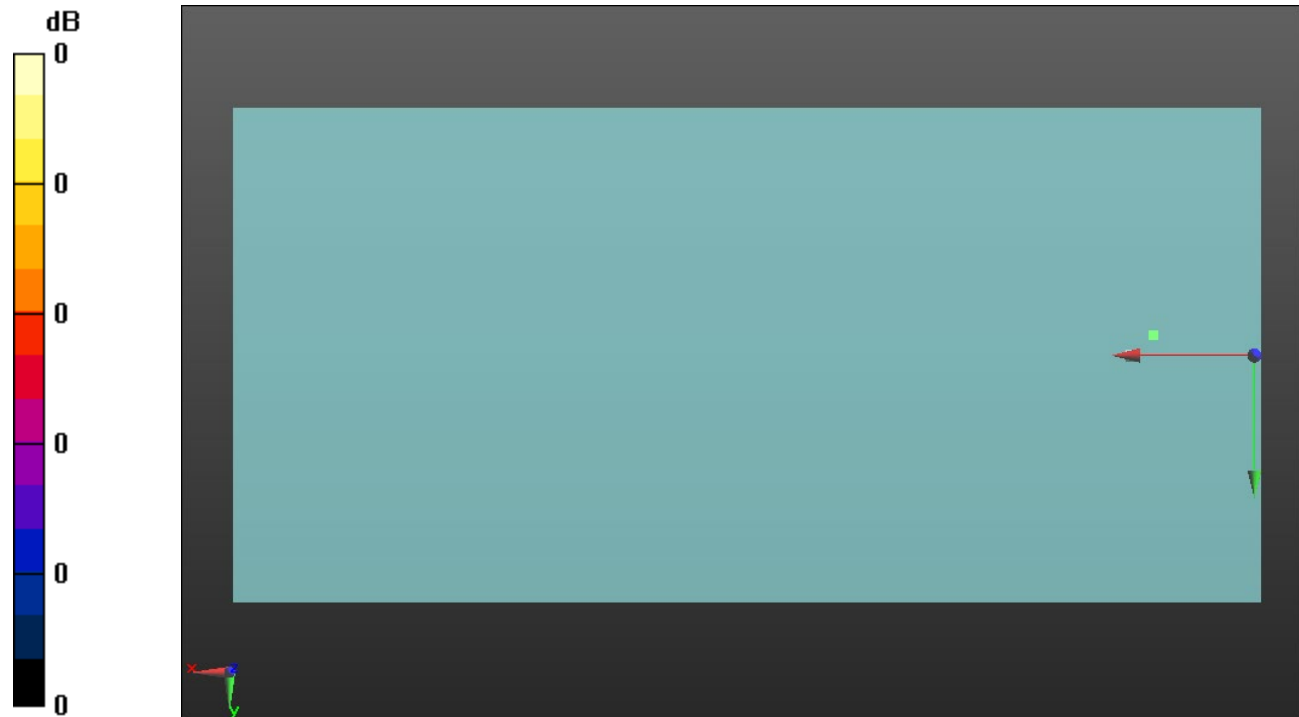
#### Cursor:

ABM1/ABM2 = 42.21 dB

ABM1 comp = -2.73 dBA/m

BWC Factor = 0.16 dB

Location: 15.7, -3.2, 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

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 17\_QPSK 10MHz BW\_RB 25,12\_Ch 23790\_AMR-WB: 6.6 kbps\_Port B/y (transversal) 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: 47.2

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

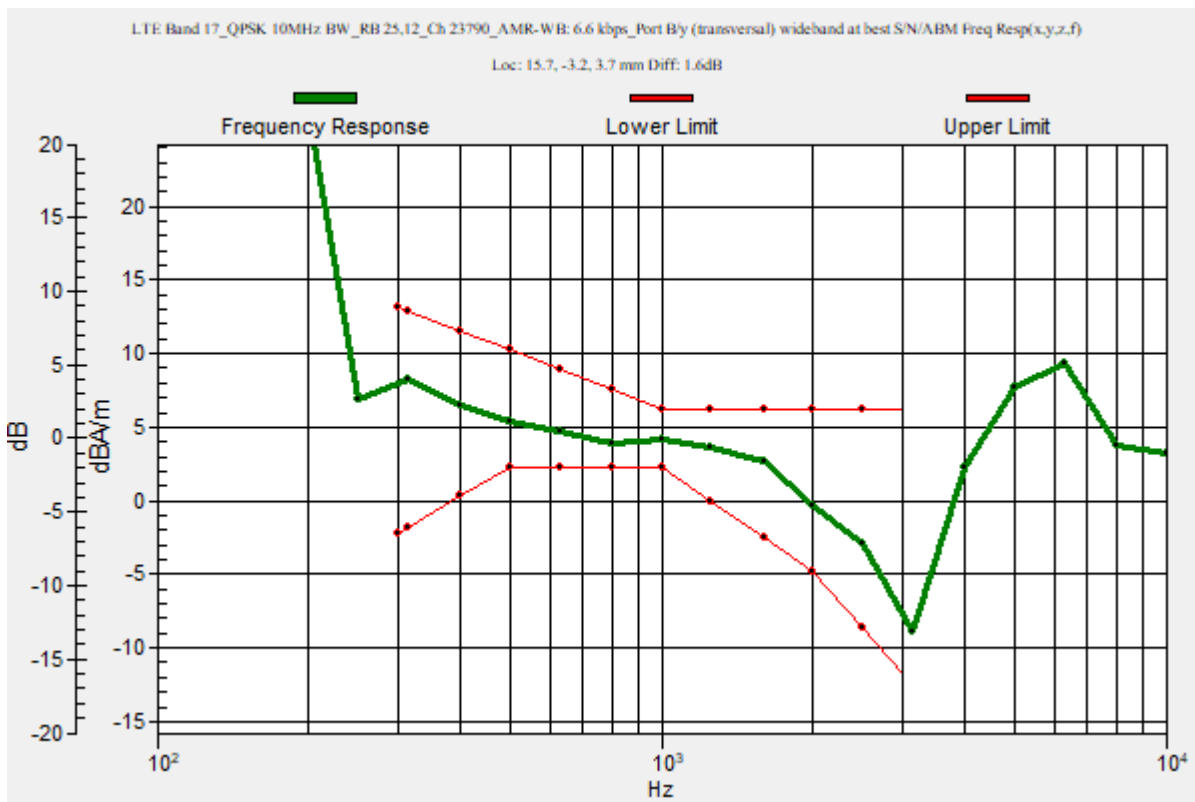
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 1.60 dB

BWC Factor = 10.80 dB

Location: 15.7, -3.2, 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 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 17\_QPSK 10MHz BW\_RB 25,12\_Ch 23790\_AMR-WB: 6.6 kbps\_Port B/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: 24.07

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

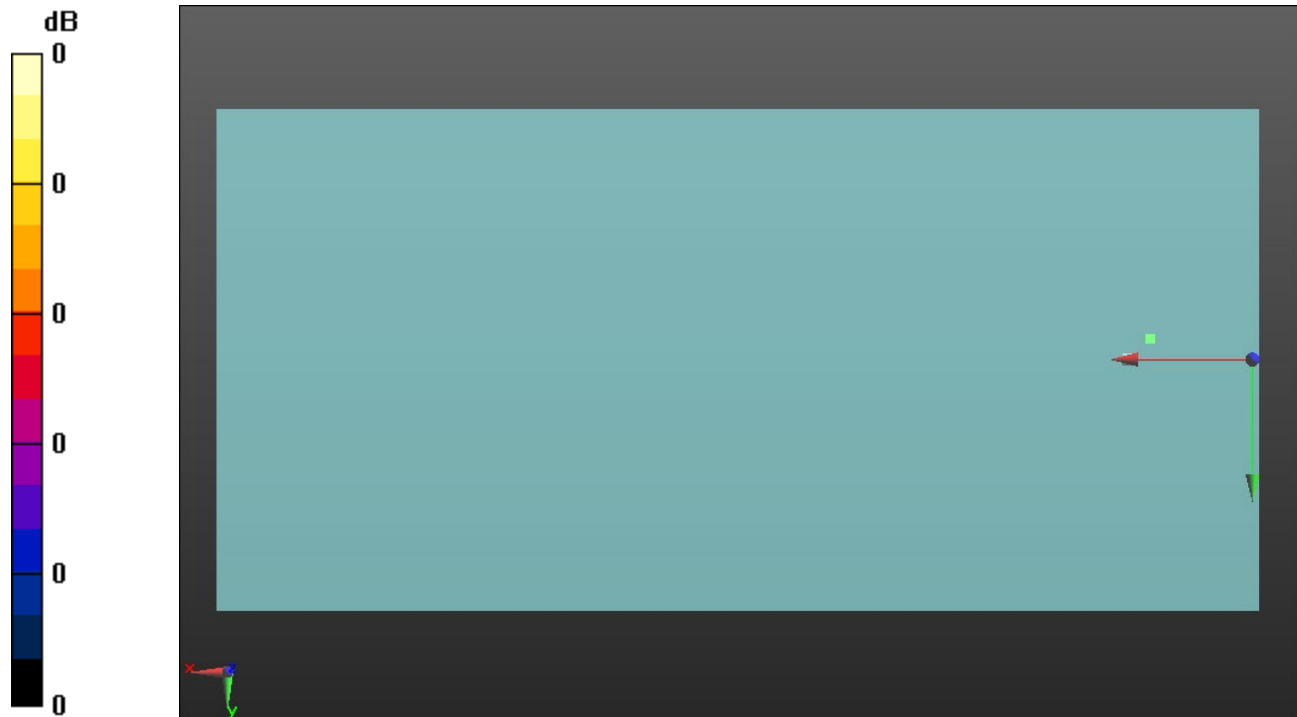
#### Cursor:

ABM1/ABM2 = 41.98 dB

ABM1 comp = -2.82 dBA/m

BWC Factor = 0.16 dB

Location: 15.7, -3.2, 3.7 mm





### LTE Band 25

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1860 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 25\_QPSK 20MHz BW\_RB 50,24\_Ch 26140\_AMR-WB: 6.6 kbps\_Port C/y (transversal) 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: 47.2

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

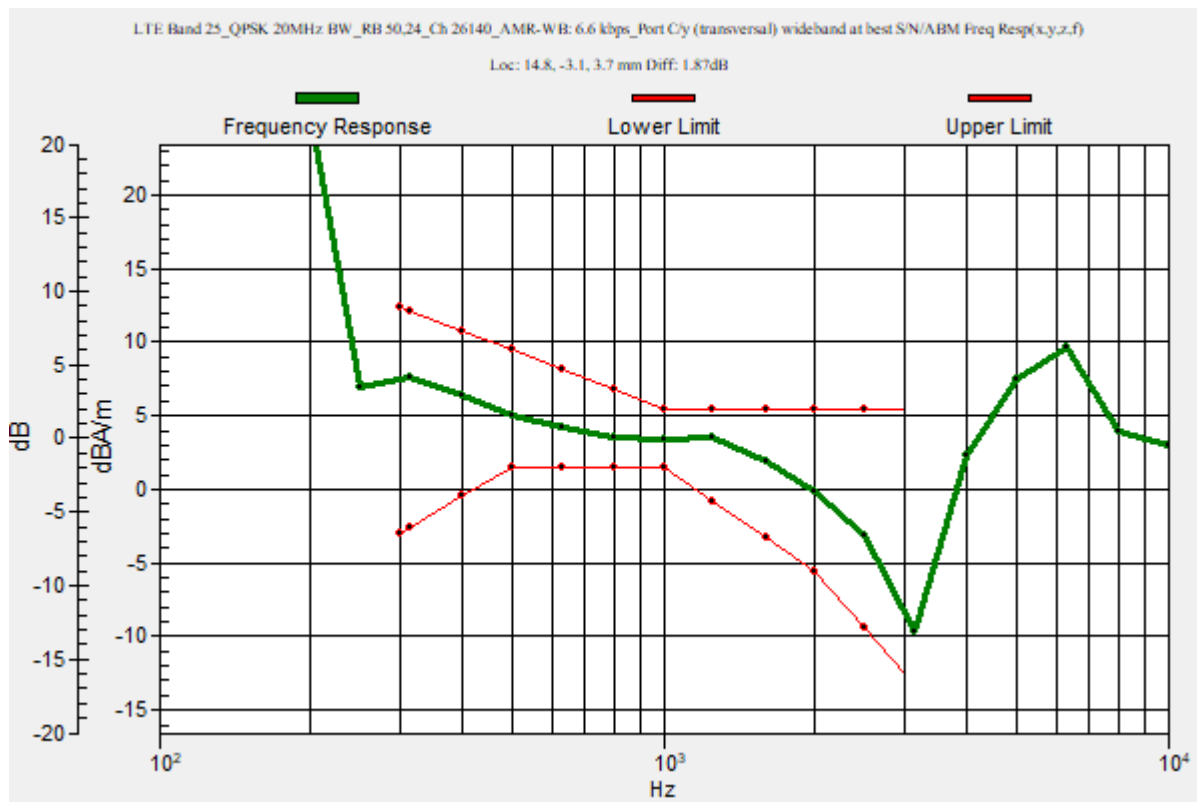
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 1.87 dB

BWC Factor = 10.80 dB

Location: 14.8, -3.1, 3.7 mm



### LTE Band 25

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 25\_QPSK 20MHz BW\_RB 50,24\_Ch 26140\_AMR-WB: 6.6 kbps\_Port C/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: 24.07

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

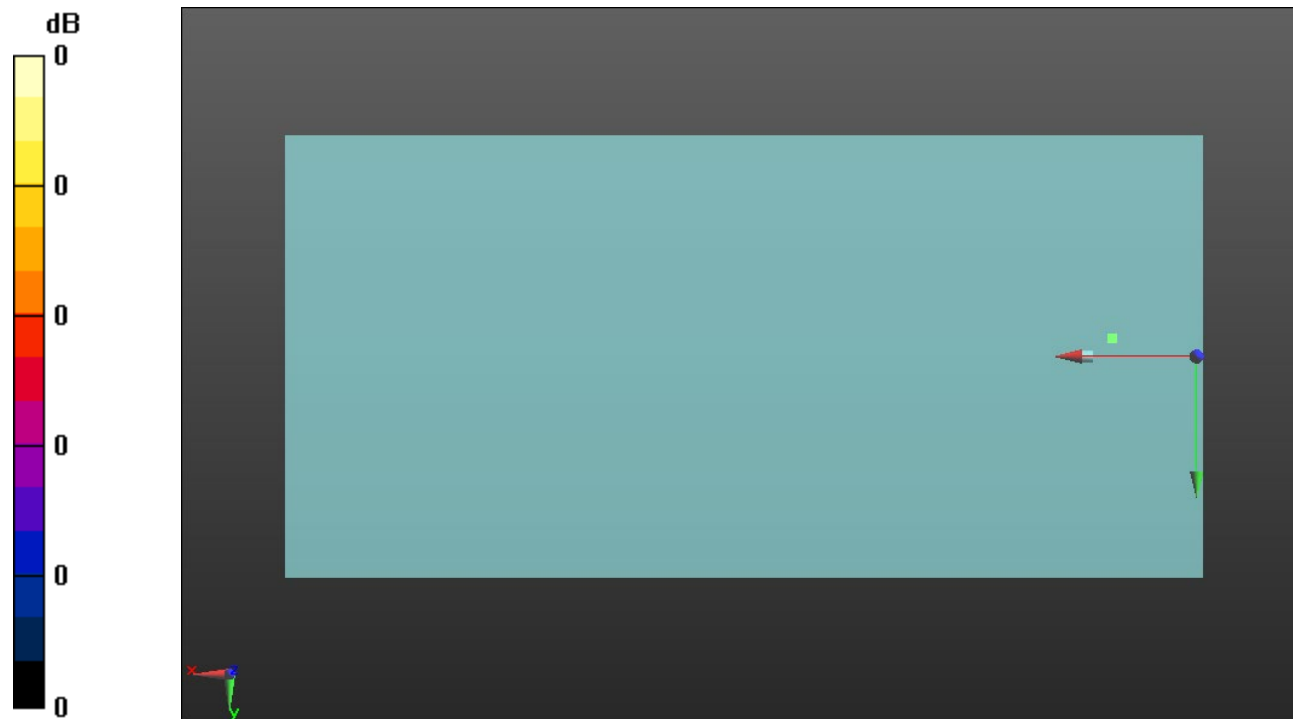
#### Cursor:

ABM1/ABM2 = 41.42 dB

ABM1 comp = -2.81 dBA/m

BWC Factor = 0.16 dB

Location: 14.8, -3.1, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 26

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 819 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 26\_QPSK 10MHz BW\_RB 25,12\_Ch 26740\_AMR-WB: 6.6 kbps\_Port B/y (transversal) 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: 47.2

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

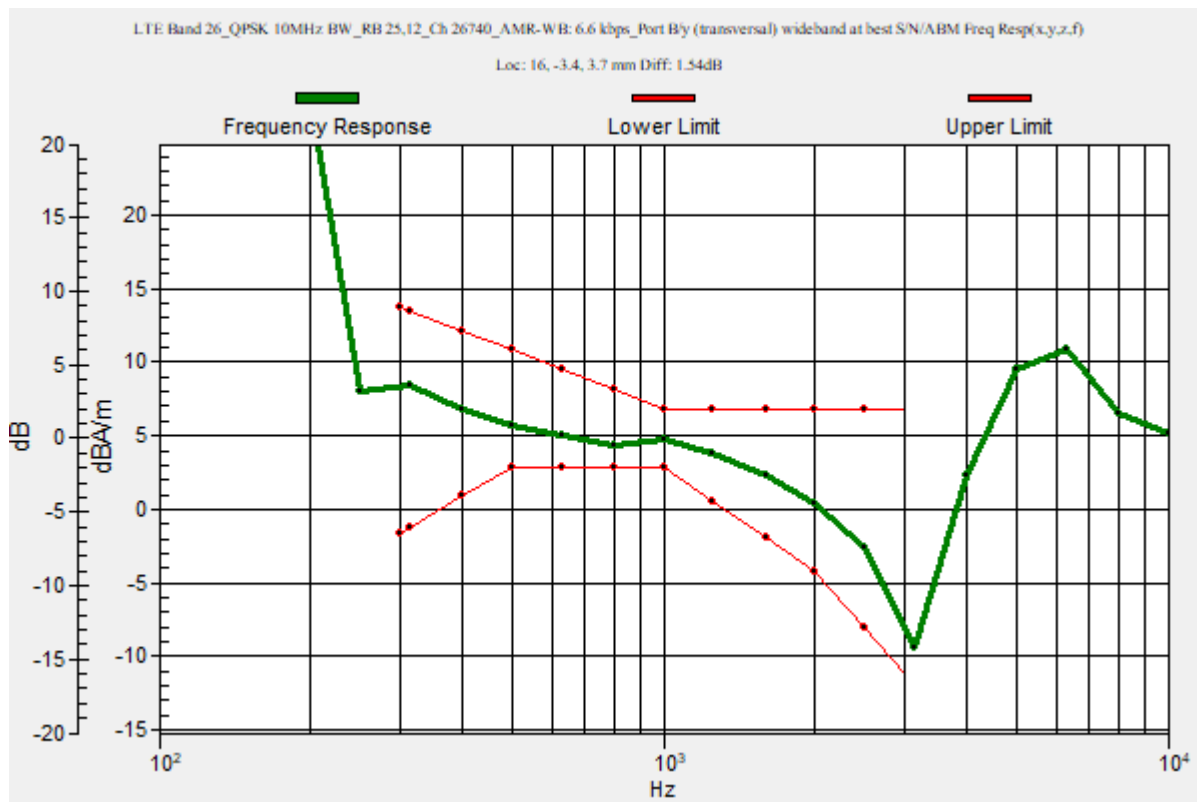
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 1.54 dB

BWC Factor = 10.80 dB

Location: 16, -3.4, 3.7 mm



## LTE Band 26

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 819 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 26\_QPSK 10MHz BW\_RB 25,12\_Ch 26740\_AMR-WB: 6.6 kbps\_Port B/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: 24.07

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

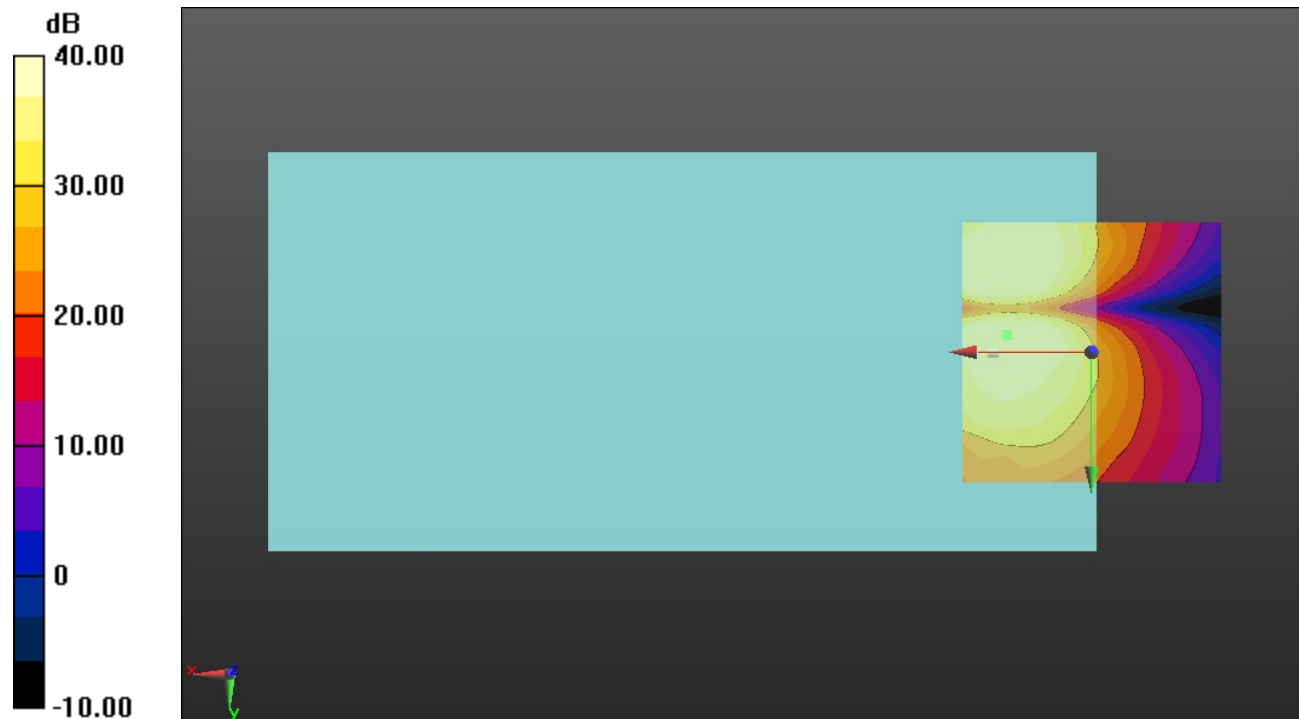
#### Cursor:

ABM1/ABM2 = 41.92 dB

ABM1 comp = -2.10 dBA/m

BWC Factor = 0.16 dB

Location: 16.3, -3.3, 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

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 30\_QPSK 10MHz BW\_RB 25,12\_Ch 27710\_AMR-WB: 6.6 kbps\_Port C/y (transversal) 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: 47.2

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

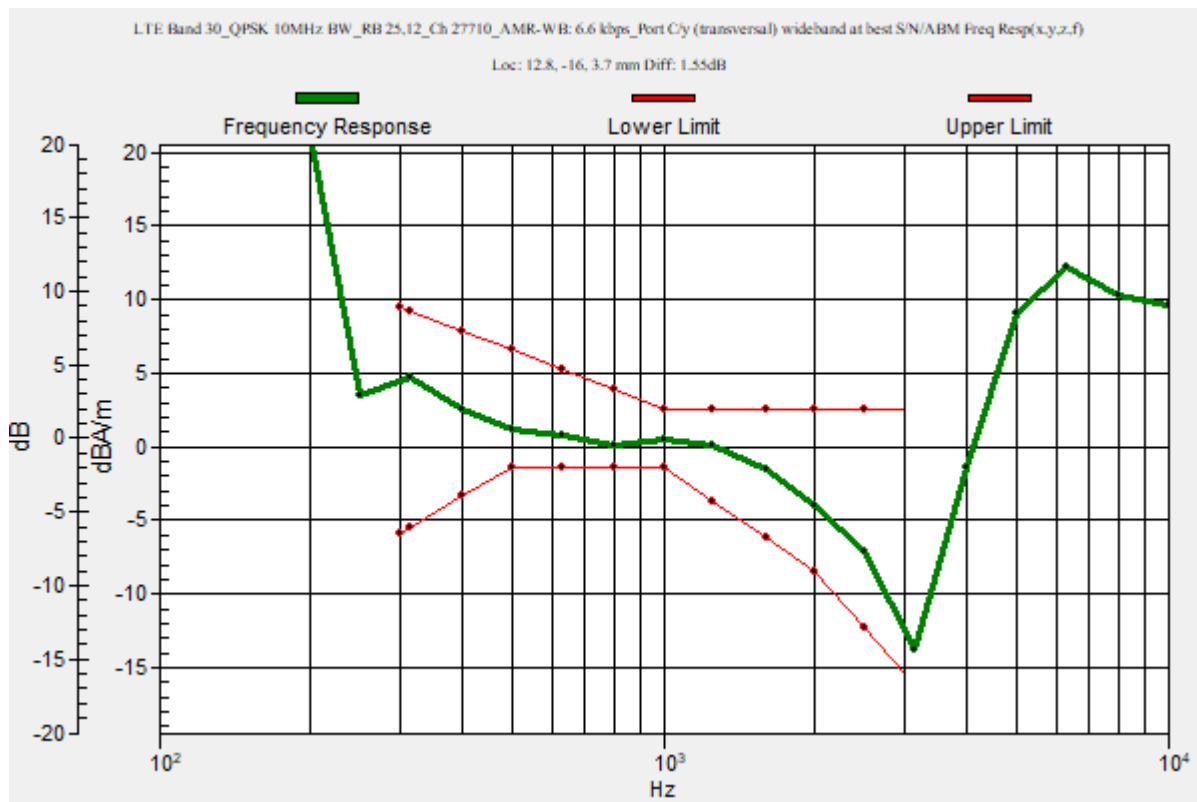
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 1.55 dB

BWC Factor = 10.80 dB

Location: 12.8, -16, 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 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 30\_QPSK 10MHz BW\_RB 25,12\_Ch 27710\_AMR-WB: 6.6 kbps\_Port C/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: 24.07

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

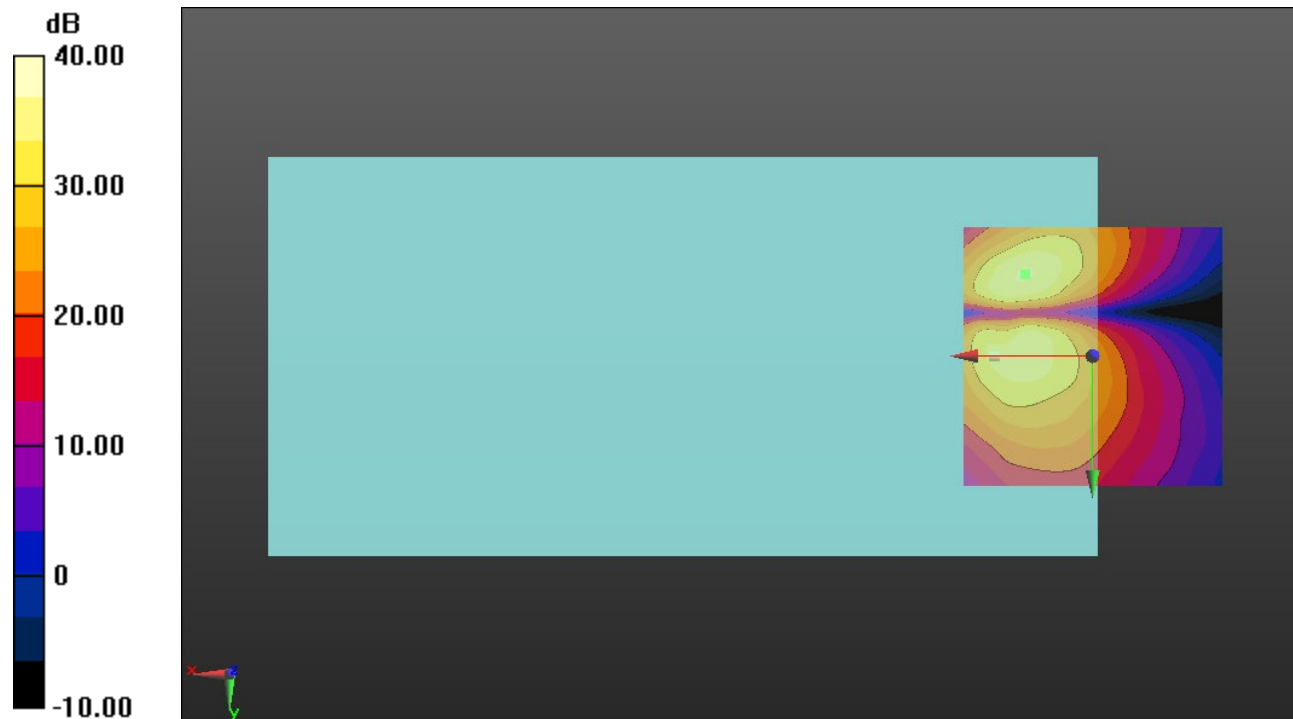
#### Cursor:

ABM1/ABM2 = 37.01 dB

ABM1 comp = -6.06 dBA/m

BWC Factor = 0.16 dB

Location: 12.9, -15.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 41

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

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 41\_QPSK 20MHz BW\_RB 1,49\_Ch 40620\_AMR-NB: 12.2 kbps\_Port D/y (transversal) 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: 47.2

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

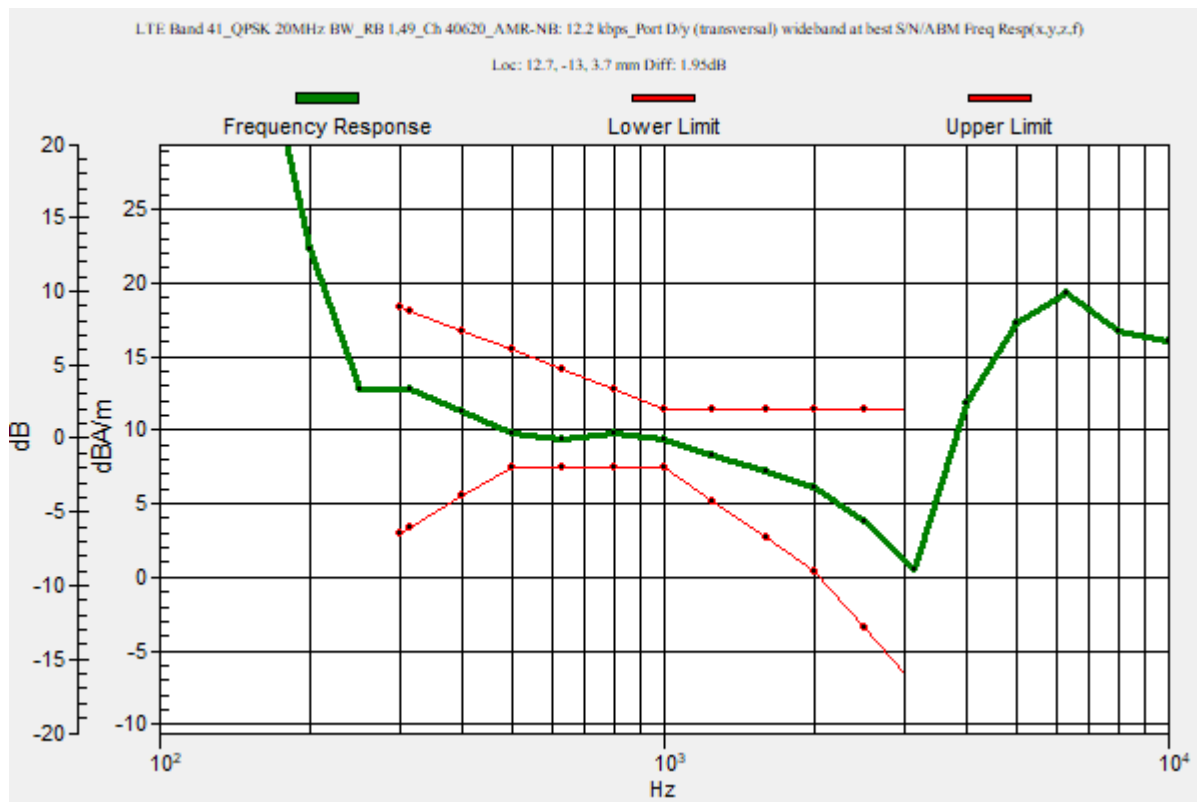
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 1.95 dB

BWC Factor = 10.80 dB

Location: 12.7, -13, 3.7 mm



## LTE Band 41

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 41\_QPSK 20MHz BW\_RB 1,49\_Ch 40620\_AMR-NB: 12.2 kbps\_Port D/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: 24.07

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

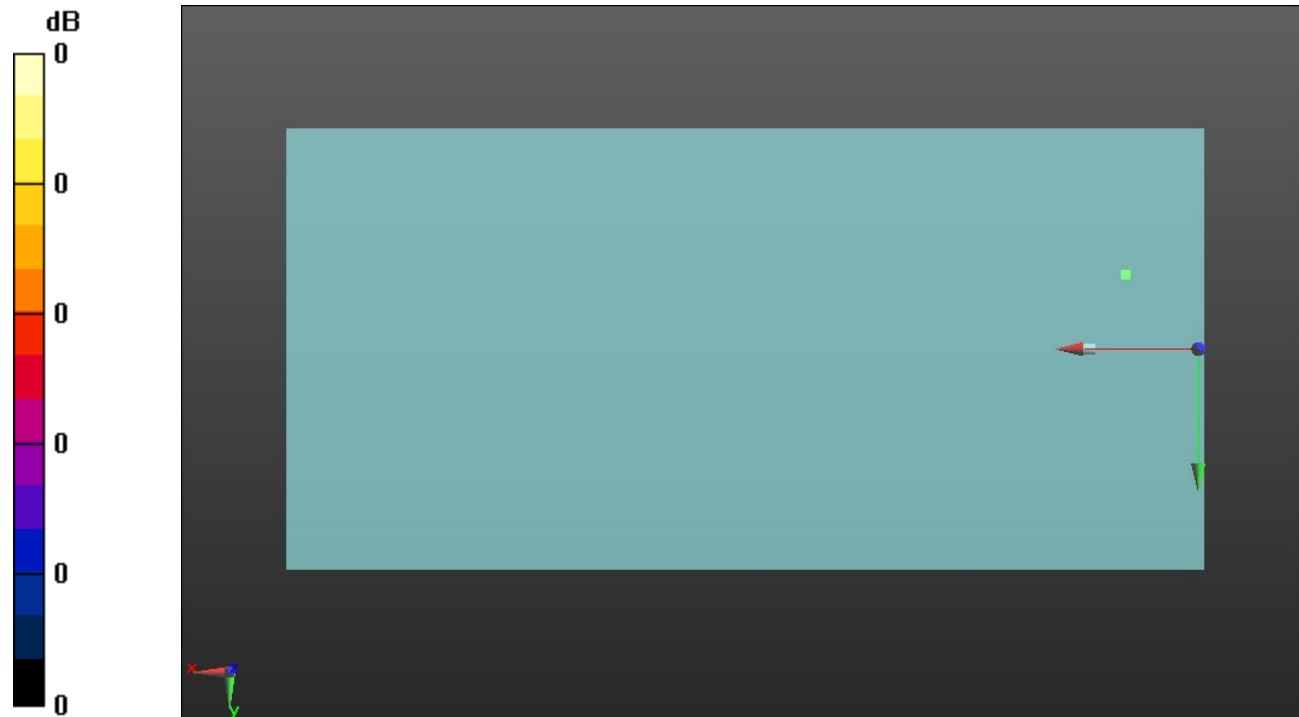
#### Cursor:

ABM1/ABM2 = 35.75 dB

ABM1 comp = 1.42 dBA/m

BWC Factor = 0.16 dB

Location: 12.7, -13, 3.7 mm



0 dB = 1.000 = 0.00 dB



### LTE Band 48

Communication System: UID 0, 1@LTE (TDD) (0); Frequency: 3625 MHz;Duty Cycle: 1:1.59956

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 48\_QPSK 20MHz BW\_RB 1,49\_Ch 55990\_AMR-NB: 12.2 kbps\_Port D/y (transversal) 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: 47.2

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

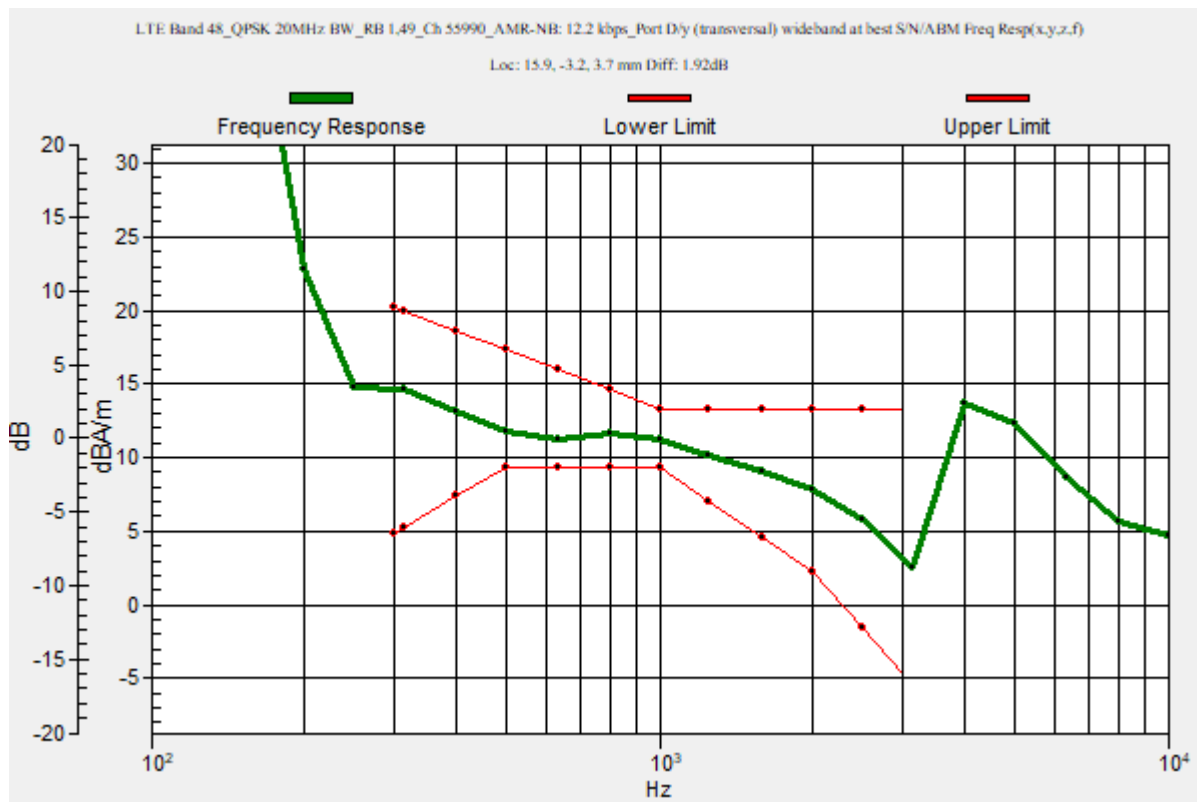
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 1.92 dB

BWC Factor = 10.80 dB

Location: 15.9, -3.2, 3.7 mm



### LTE Band 48

Communication System: UID 0, 1@LTE (TDD) (0); Frequency: 3625 MHz; Duty Cycle: 1:1.59956

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 48\_QPSK 20MHz BW\_RB 1,49\_Ch 55990\_AMR-NB: 12.2 kbps\_Port D/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: 24.07

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

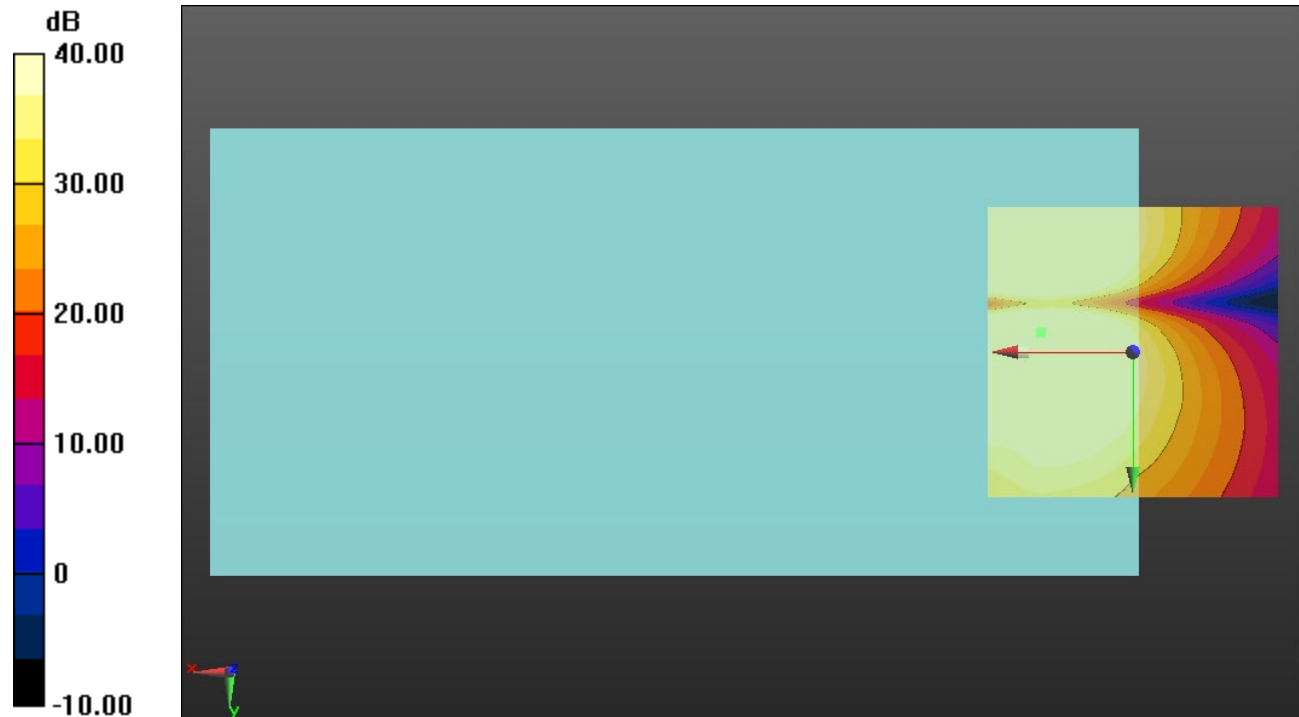
#### Cursor:

ABM1/ABM2 = 49.32 dB

ABM1 comp = 4.58 dBA/m

BWC Factor = 0.16 dB

Location: 15.8, -3.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

### LTE Band 66

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1720 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 66\_QPSK 20MHz BW\_RB 50,24\_Ch 132072\_AMR-WB: 6.6 kbps\_Port C/y (transversal) 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: 47.2

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

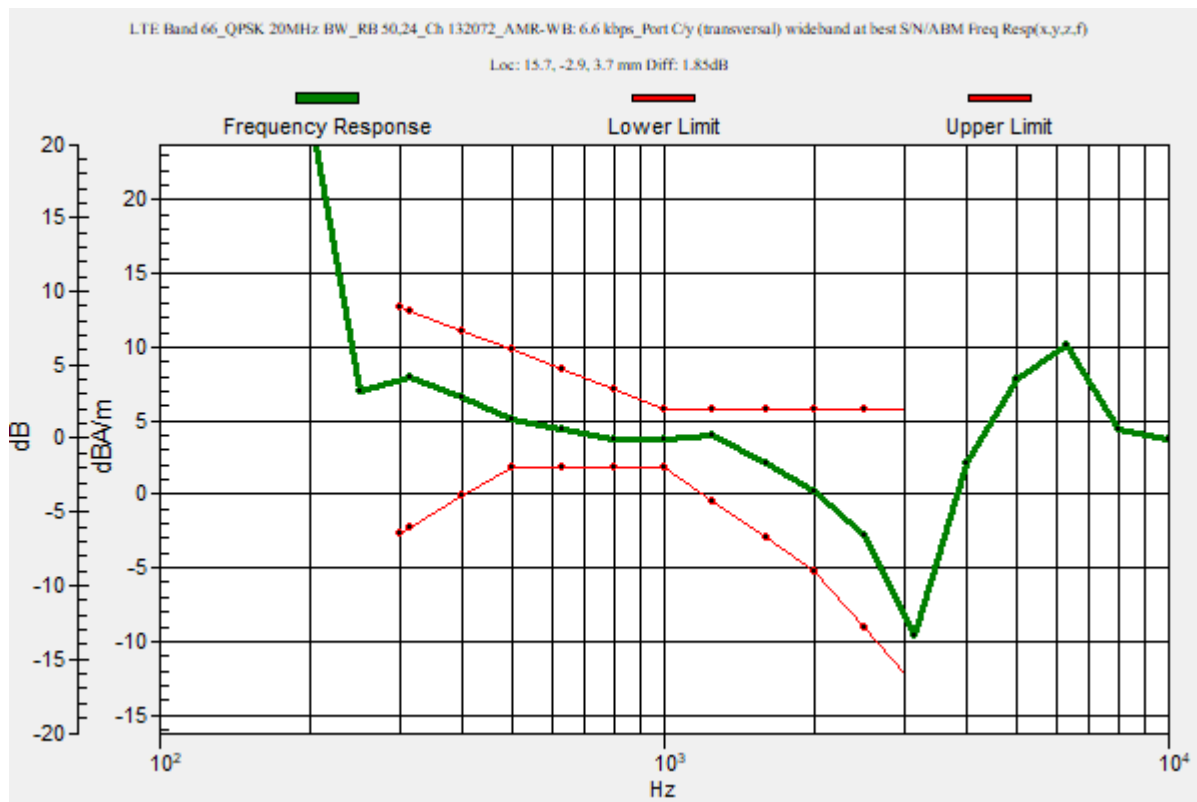
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 1.85 dB

BWC Factor = 10.80 dB

Location: 15.7, -2.9, 3.7 mm



### LTE Band 66

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 66\_QPSK 20MHz BW\_RB 50,24\_Ch 132072\_AMR-WB: 6.6 kbps\_Port C/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: 24.07

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

#### Cursor:

ABM1/ABM2 = 40.43 dB

ABM1 comp = -2.44 dBA/m

BWC Factor = 0.16 dB

Location: 15.7, -2.9, 3.7 mm



0 dB = 1.000 = 0.00 dB

### Wi-Fi 2.4 GHz

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

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11b\_20 MHz BW\_CCK 11 Mbps\_EVS: 5.9 kbps\_Ch. 6\_ANT 4/y (transversal) 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: 29.78

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

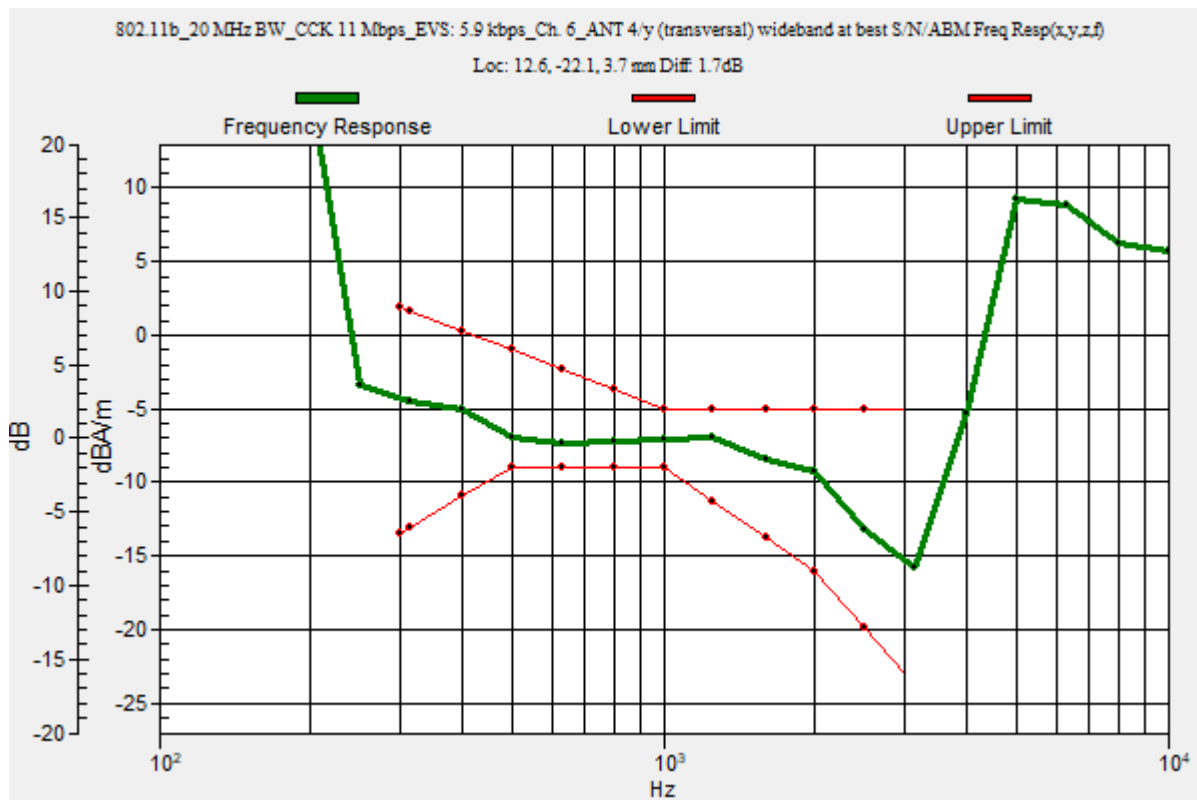
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 1.70 dB

BWC Factor = 10.80 dB

Location: 12.6, -22.1, 3.7 mm



## Wi-Fi 2.4 GHz

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11b\_20 MHz BW\_CCK 11 Mbps\_EV5: 5.9 kbps\_Ch. 6\_ANT 4/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: 15.19

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

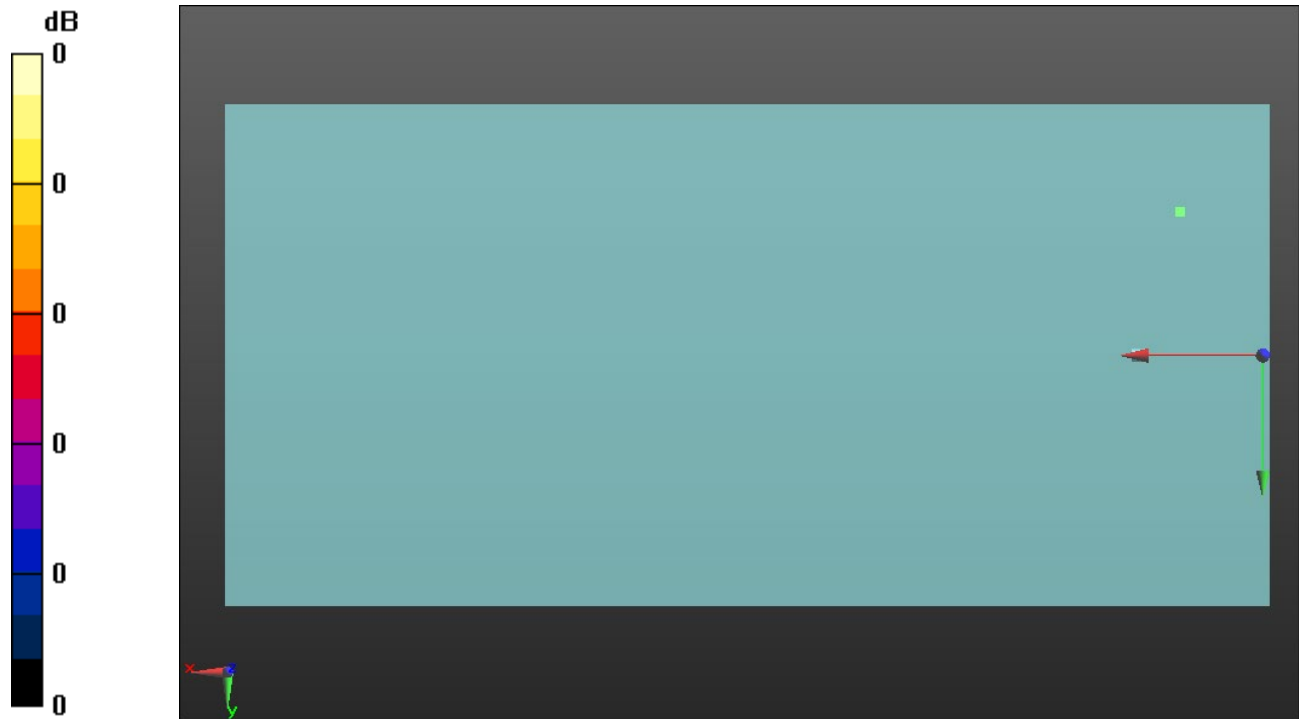
#### Cursor:

ABM1/ABM2 = 33.96 dB

ABM1 comp = -11.96 dBA/m

BWC Factor = 0.16 dB

Location: 12.6, -22.1, 3.7 mm



0 dB = 1.000 = 0.00 dB

### Wi-Fi 5 GHz

Communication System: UID 0, 1@IEEE 802.11a/n/ac/ax 5 GHz Band (0); Frequency: 5210 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_80 MHz BW\_MCS0 36 Mbps\_AMR-WB: 6.6 kbps\_Ch. 42\_ANT 6/y (transversal) 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: 29.78

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

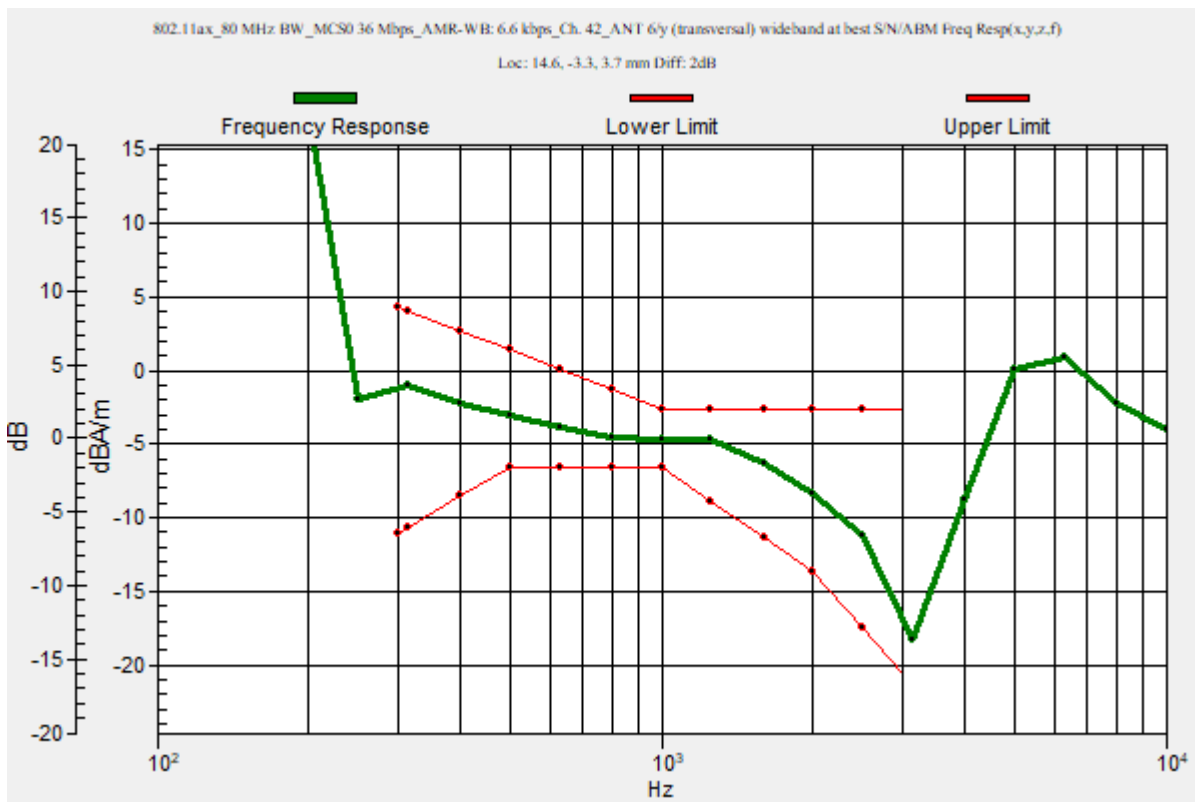
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 2.00 dB

BWC Factor = 10.80 dB

Location: 14.6, -3.3, 3.7 mm



## Wi-Fi 5 GHz

Communication System: UID 0, 1@IEEE 802.11a/n/ac/ax 5 GHz Band (0); Frequency: 5210 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_80 MHz BW\_MCS0 36 Mbps\_AMR-WB: 6.6 kbps\_Ch. 42\_ANT 6/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: 15.19

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

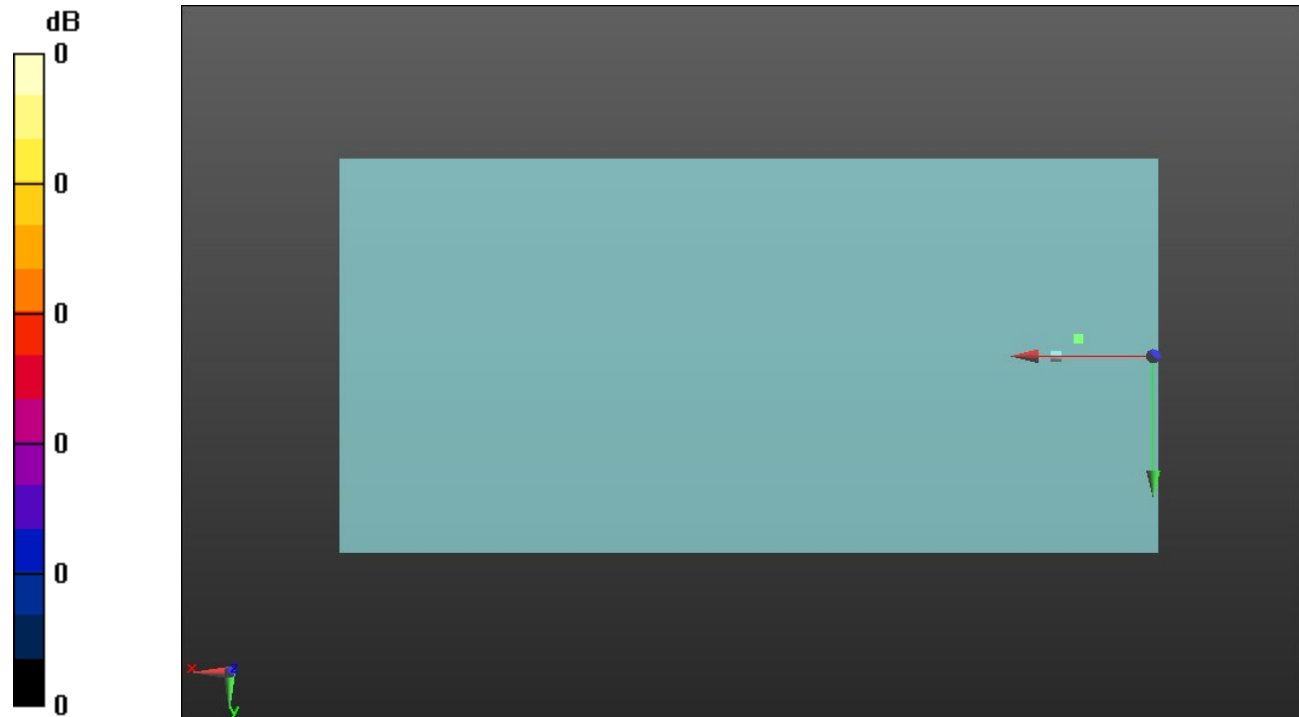
#### Cursor:

ABM1/ABM2 = 38.48 dB

ABM1 comp = -5.55 dBA/m

BWC Factor = 0.16 dB

Location: 14.6, -3.3, 3.7 mm



0 dB = 1.000 = 0.00 dB



### Wi-Fi 5 GHz

Communication System: UID 0, 1@IEEE 802.11a/n/ac/ax 5 GHz Band (0); Frequency: 5290 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_80 MHz BW\_MCS0 36 Mbps\_AMR-WB: 6.6 kbps\_Ch. 58\_ANT 6/y (transversal) 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: 29.78

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

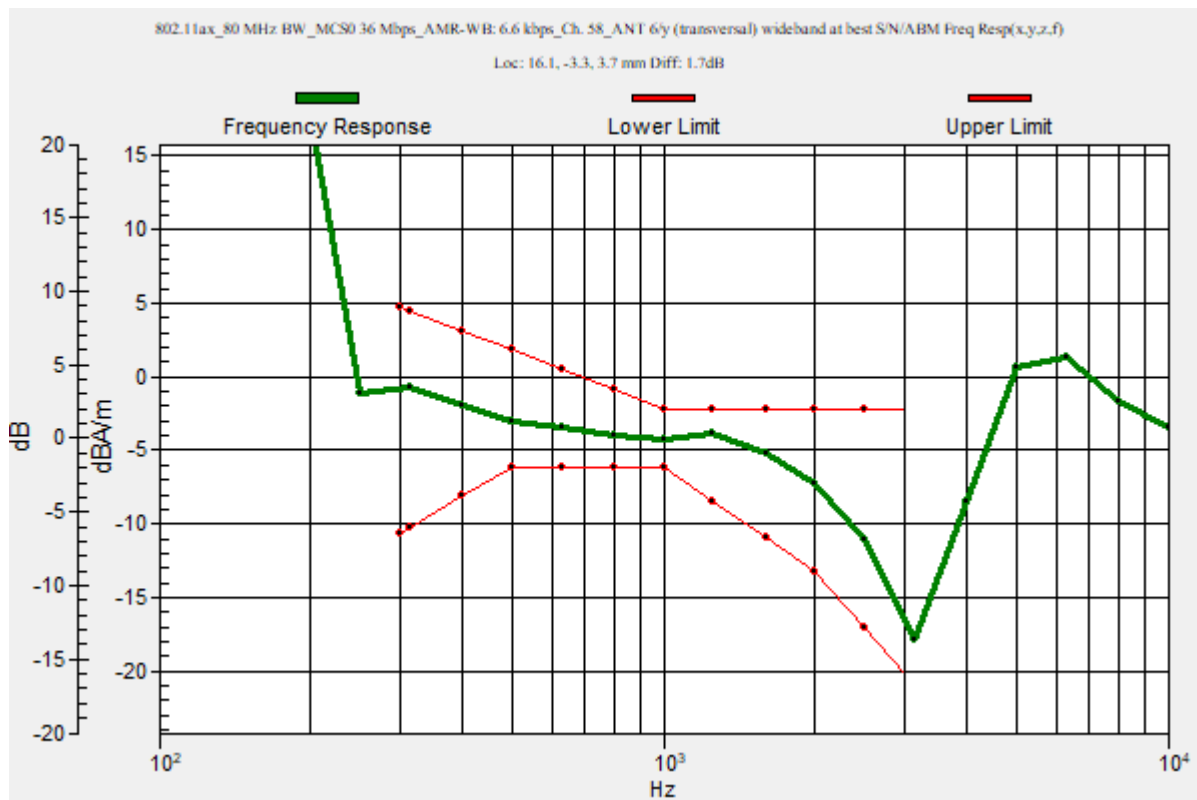
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 1.70 dB

BWC Factor = 10.80 dB

Location: 16.1, -3.3, 3.7 mm



## Wi-Fi 5 GHz

Communication System: UID 0, 1@IEEE 802.11a/n/ac/ax 5 GHz Band (0); Frequency: 5290 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_80 MHz BW\_MCS0 36 Mbps\_AMR-WB: 6.6 kbps\_Ch. 58\_ANT 6/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: 15.19

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

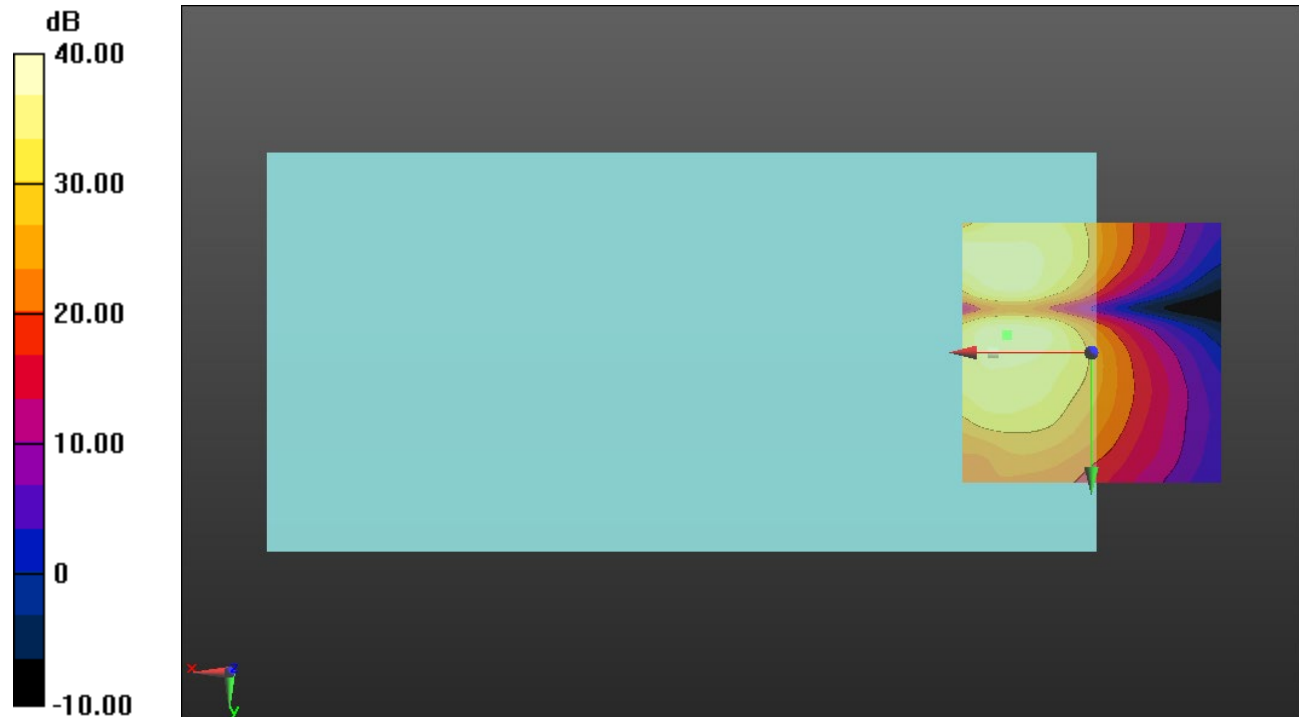
#### Cursor:

ABM1/ABM2 = 39.34 dB

ABM1 comp = -4.76 dBA/m

BWC Factor = 0.16 dB

Location: 16.3, -3.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

### Wi-Fi 5 GHz

Communication System: UID 0, 1@IEEE 802.11a/n/ac/ax 5 GHz Band (0); Frequency: 5530 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_80 MHz BW\_MCS0 36 Mbps\_AMR-WB: 6.6 kbps\_Ch. 106\_ANT 6/y (transversal) 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: 29.78

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

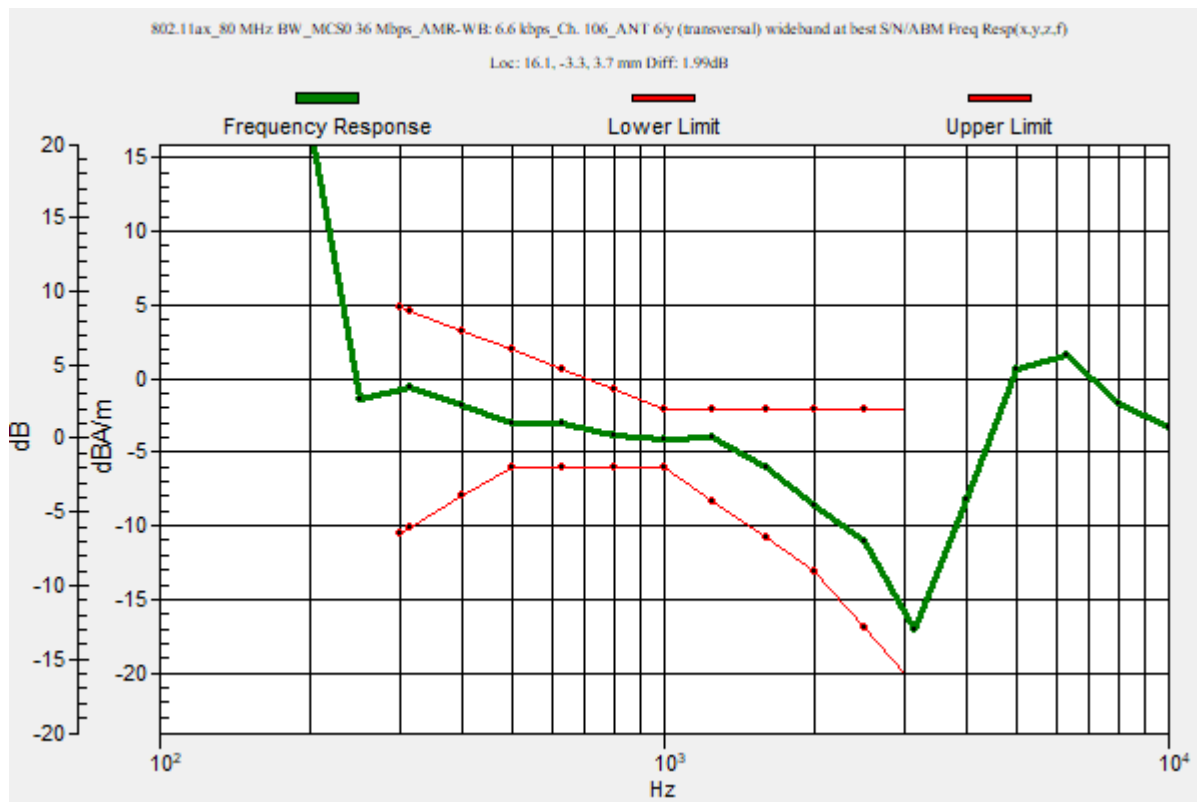
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 1.99 dB

BWC Factor = 10.80 dB

Location: 16.1, -3.3, 3.7 mm



## Wi-Fi 5 GHz

Communication System: UID 0, 1@IEEE 802.11a/n/ac/ax 5 GHz Band (0); Frequency: 5530 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_80 MHz BW\_MCS0 36 Mbps\_AMR-WB: 6.6 kbps\_Ch. 106\_ANT 6/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: 15.19

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

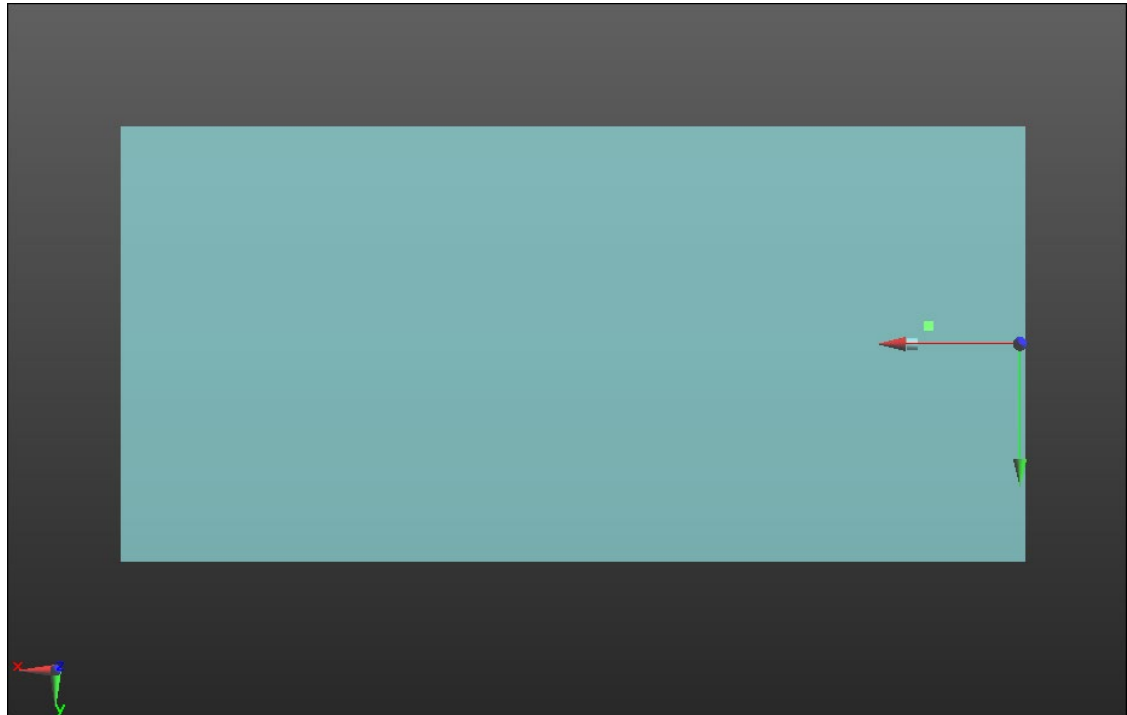
#### Cursor:

ABM1/ABM2 = 38.74 dB

ABM1 comp = -5.01 dBA/m

BWC Factor = 0.16 dB

Location: 16.1, -3.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

### Wi-Fi 5 GHz

Communication System: UID 0, 1@IEEE 802.11a/n/ac/ax 5 GHz Band (0); Frequency: 5775 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_80 MHz BW\_MCS0 36 Mbps\_AMR-WB: 6.6 kbps\_Ch. 155\_ANT 6/y (transversal) 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: 29.78

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

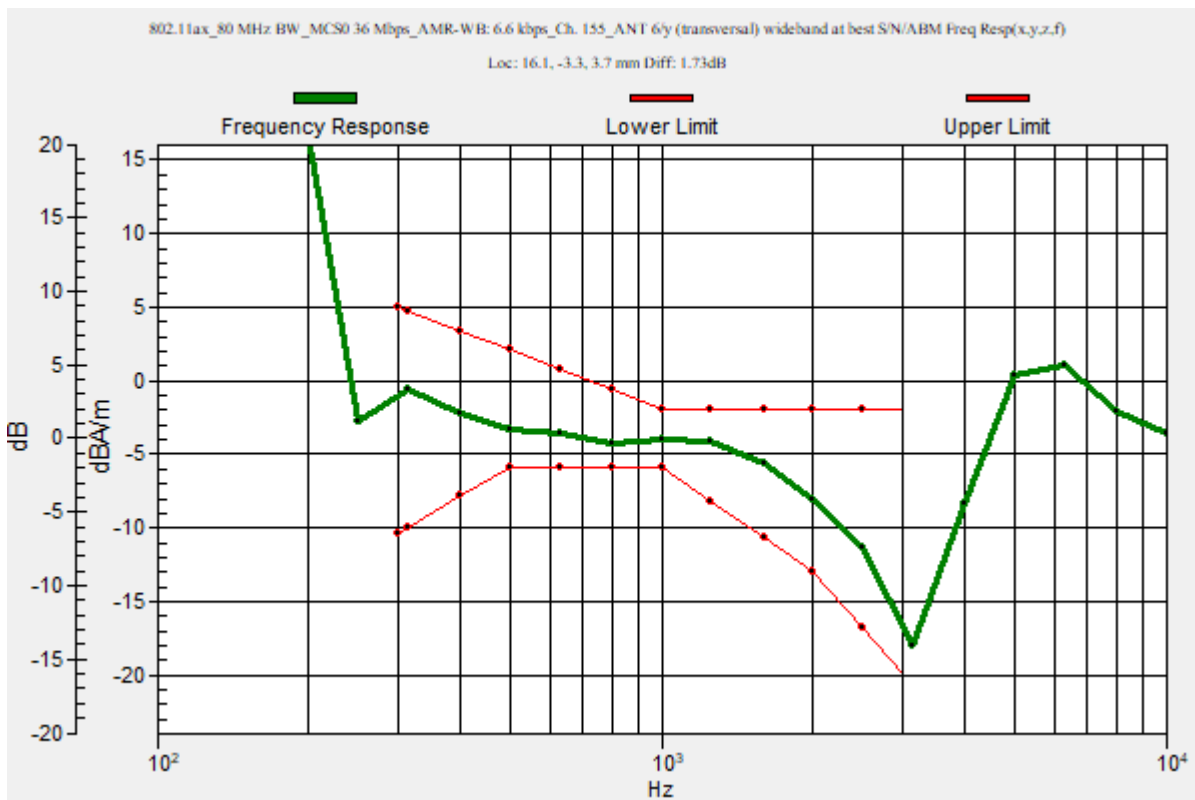
Category	Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels]
Category T1	0 dB to 10 dB
Category T2	10 dB to 20 dB
Category T3	20 dB to 30 dB
Category T4	> 30 dB

**Cursor:**

Diff = 1.73 dB

BWC Factor = 10.80 dB

Location: 16.1, -3.3, 3.7 mm



## Wi-Fi 5 GHz

Communication System: UID 0, 1@IEEE 802.11a/n/ac/ax 5 GHz Band (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3092; ; Calibrated: 4/22/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/9/2021
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7495)

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax\_80 MHz BW\_MCS0 36 Mbps\_AMR-WB: 6.6 kbps\_Ch. 155\_ANT 6/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: 15.19

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

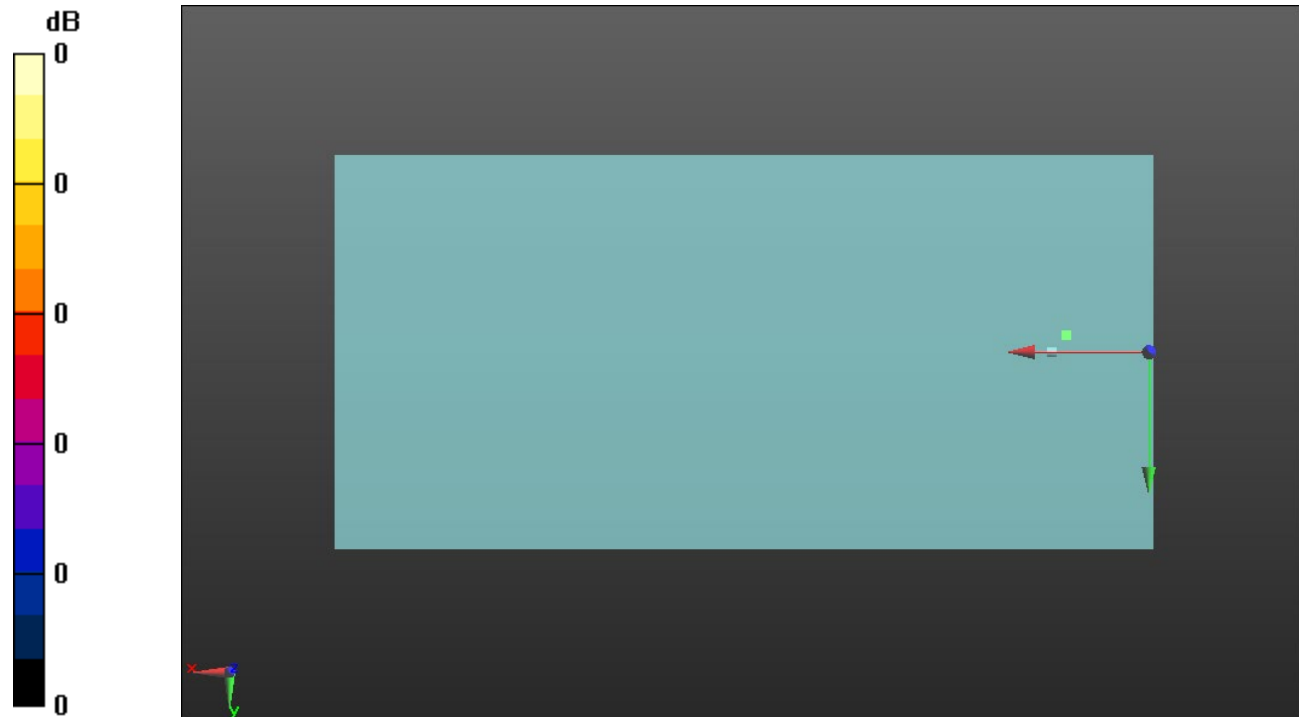
#### Cursor:

ABM1/ABM2 = 38.95 dB

ABM1 comp = -4.91 dBA/m

BWC Factor = 0.16 dB

Location: 16.1, -3.3, 3.7 mm



0 dB = 1.000 = 0.00 dB