

**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\_GMSK\_Ch. 190\_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

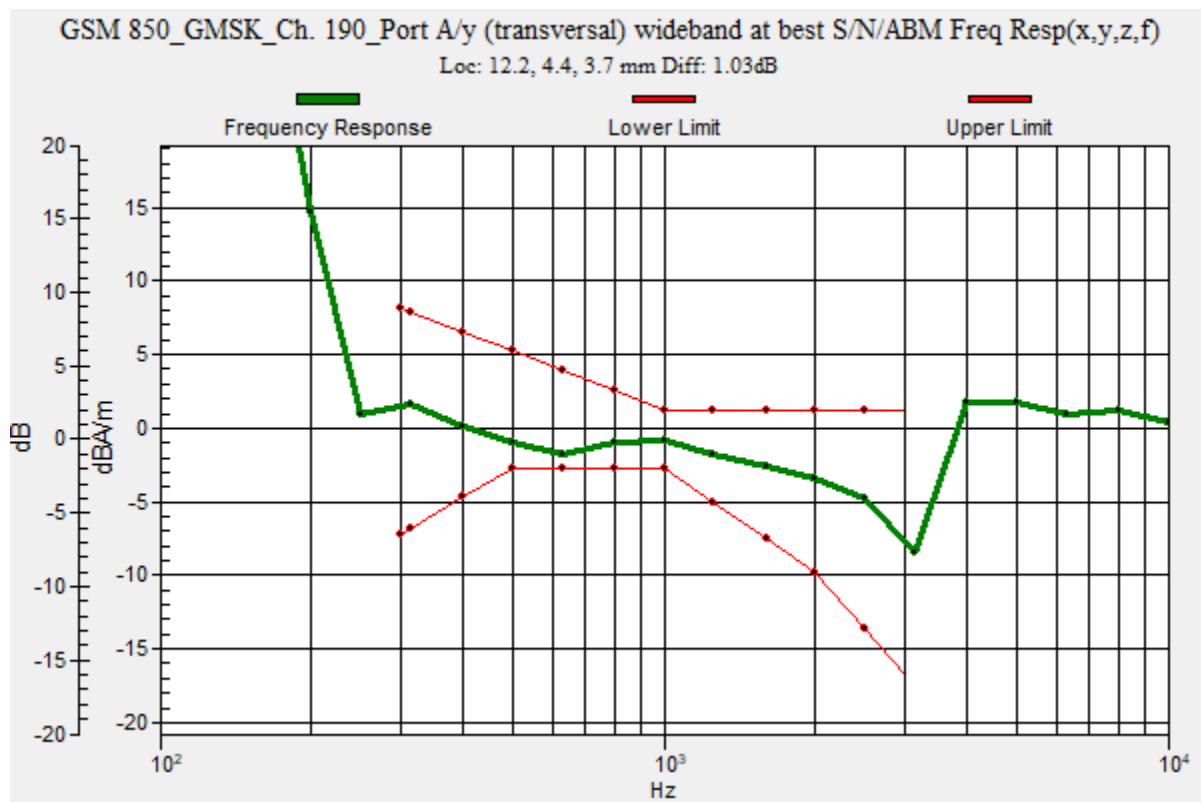
| Category    | Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels] |
|-------------|------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                     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

**Cursor:**

Diff = 1.03 dB

BWC Factor = 10.80 dB

Location: 12.2, 4.4, 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 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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\_GMSK\_Ch. 190\_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

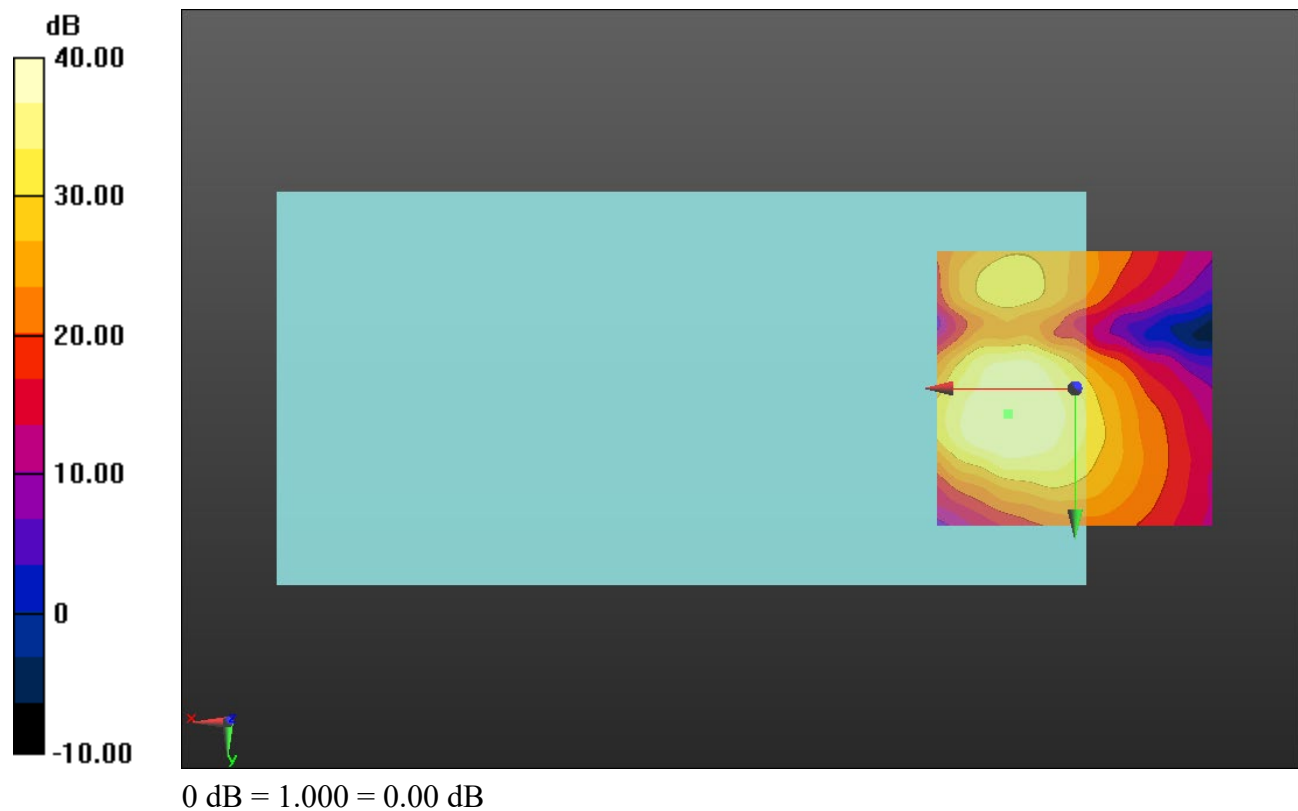
#### Cursor:

ABM1/ABM2 = 41.52 dB

ABM1 comp = -1.55 dBA/m

BWC Factor = 0.16 dB

Location: 12.1, 4.6, 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

**T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM 1900\_GMSK\_Ch. 661\_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

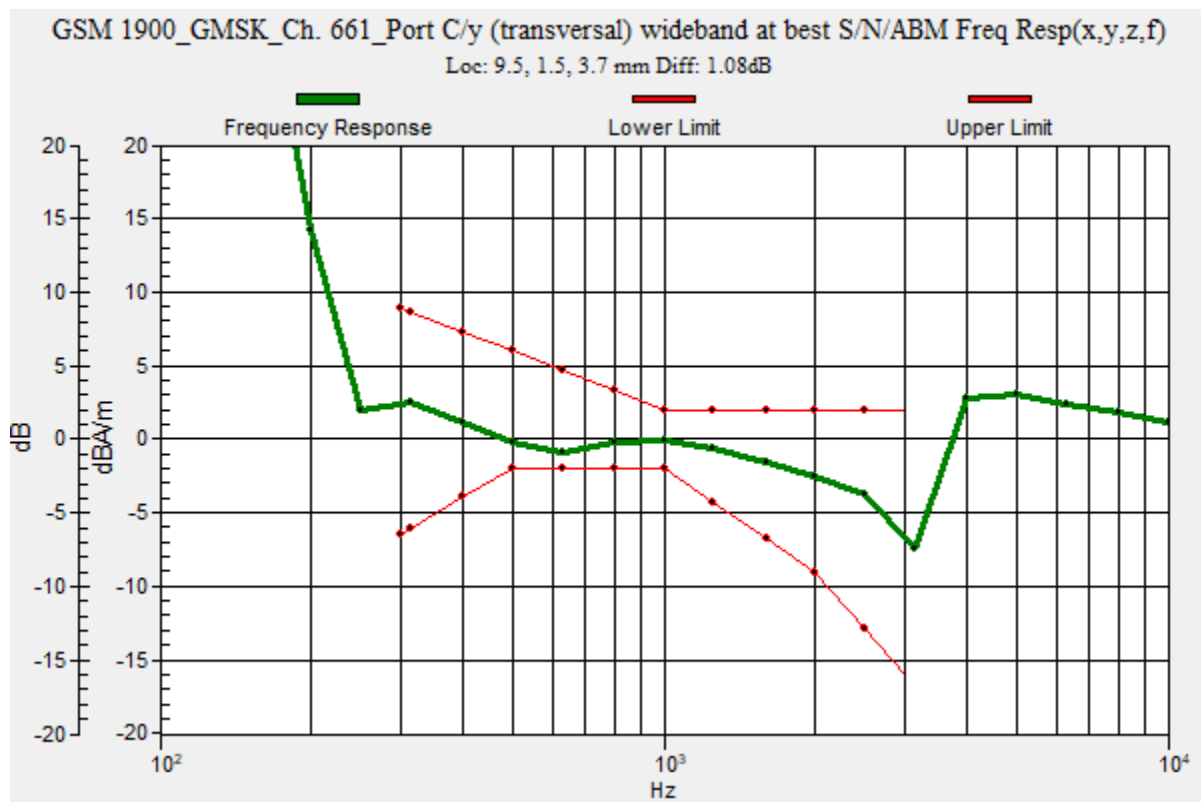
| Category    | Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels] |
|-------------|------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                     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

**Cursor:**

Diff = 1.08 dB

BWC Factor = 10.80 dB

Location: 9.5, 1.5, 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 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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\_GMSK\_Ch. 661\_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

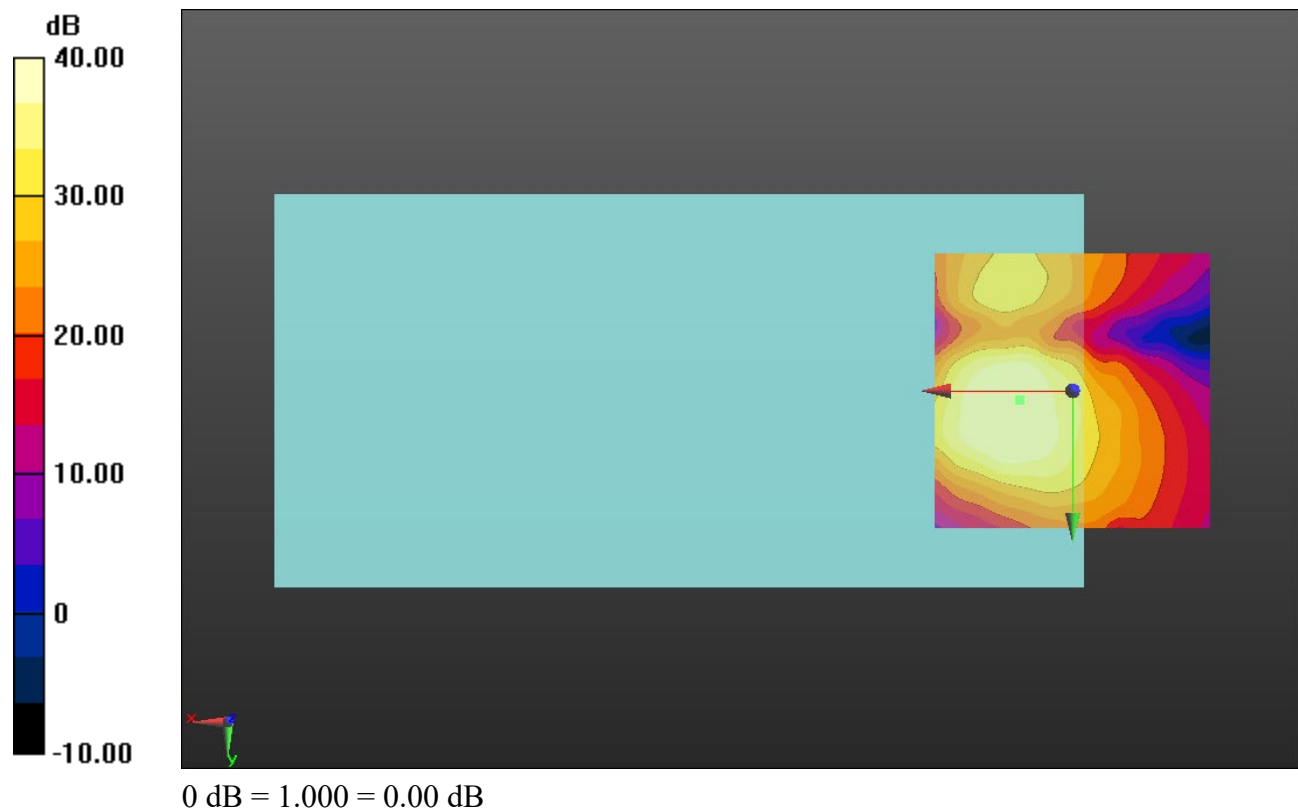
#### Cursor:

ABM1/ABM2 = 41.20 dB

ABM1 comp = -0.52 dBA/m

BWC Factor = 0.16 dB

Location: 9.6, 1.7, 3.7 mm



## W-CDMA 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)/W-CDMA Band II\_Rel. 99\_AMR-WB: 6.6 kbps\_Ch. 9400\_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

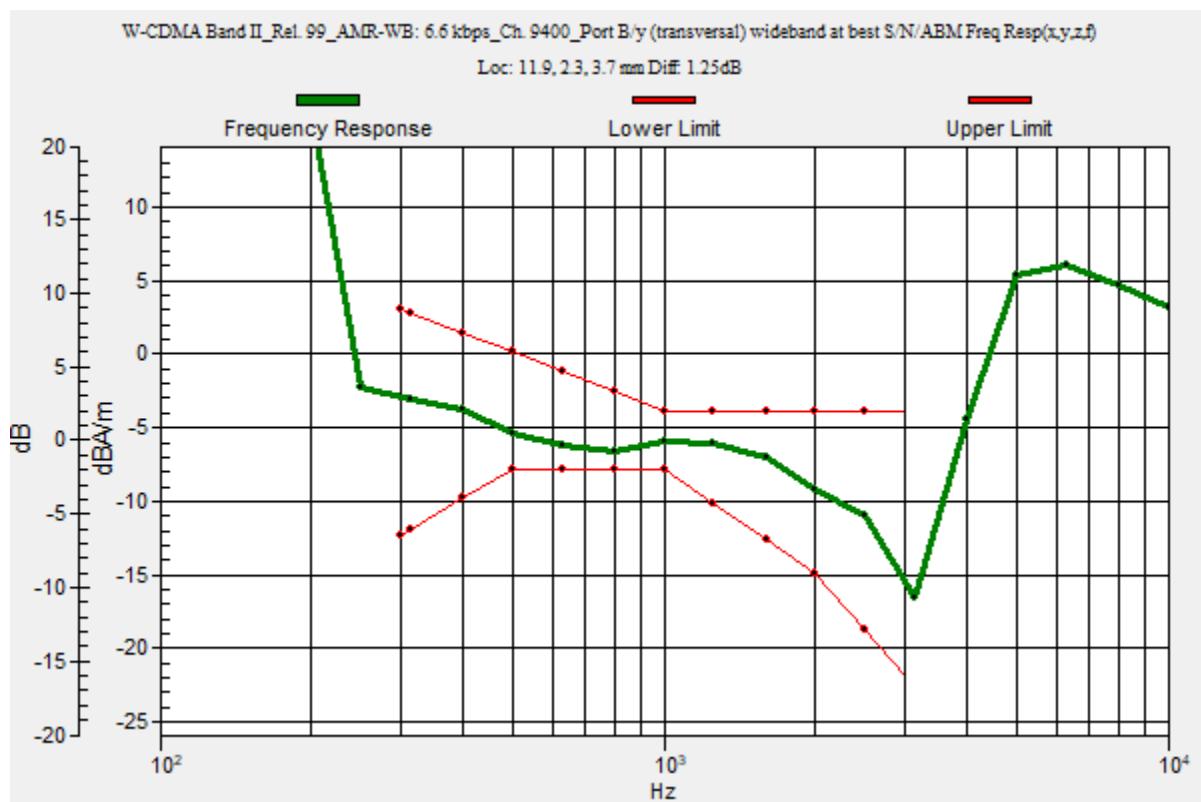
| Category    | Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels] |
|-------------|------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                     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

#### Cursor:

Diff = 1.25 dB

BWC Factor = 10.80 dB

Location: 11.9, 2.3, 3.7 mm



## W-CDMA 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: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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)/W-CDMA Band II\_Rel. 99\_AMR-WB: 6.6 kbps\_Ch. 9400\_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

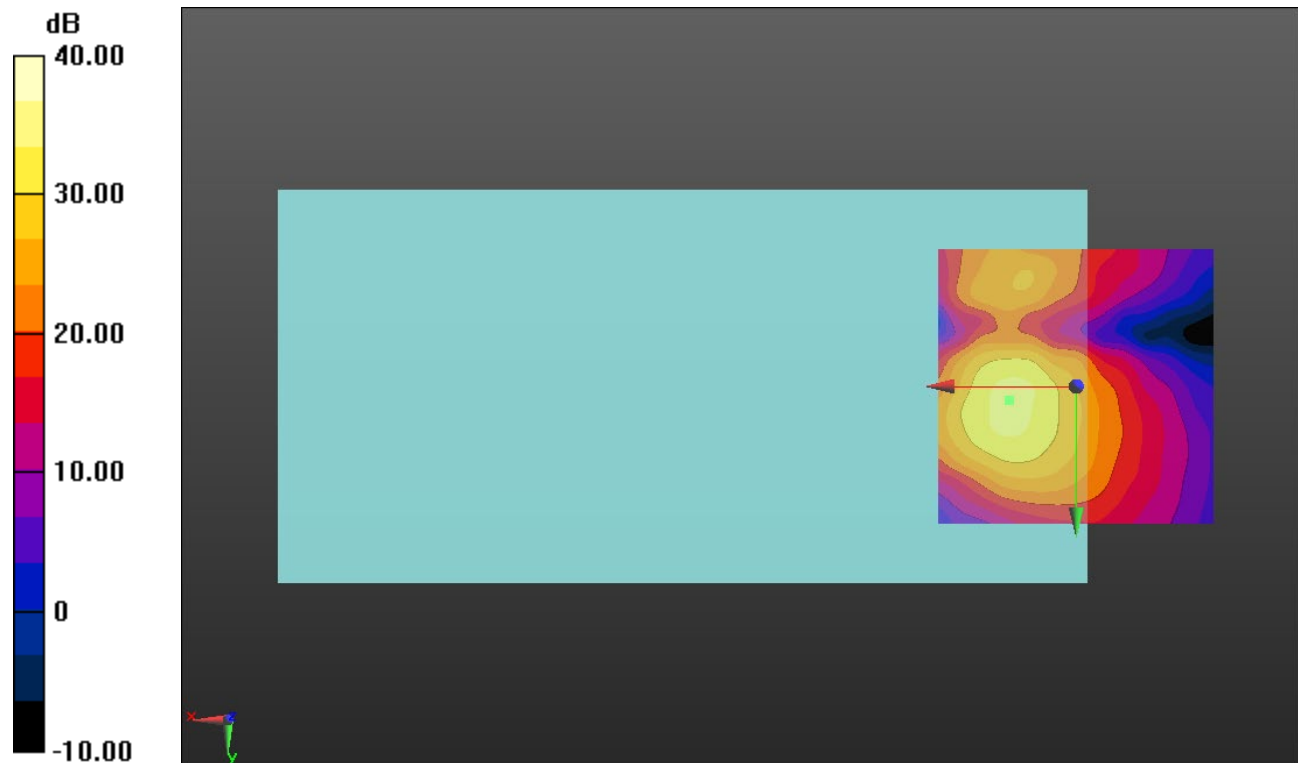
#### Cursor:

ABM1/ABM2 = 34.48 dB

ABM1 comp = -6.74 dBA/m

BWC Factor = 0.16 dB

Location: 12.1, 2.5, 3.7 mm



## W-CDMA Band IV

Communication System: UID 0, 1@UMTS-FDD (WCDMA) (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/W-CDMA Band IV\_Rel. 99\_AMR-WB: 6.6 kbps\_Ch. 1413\_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

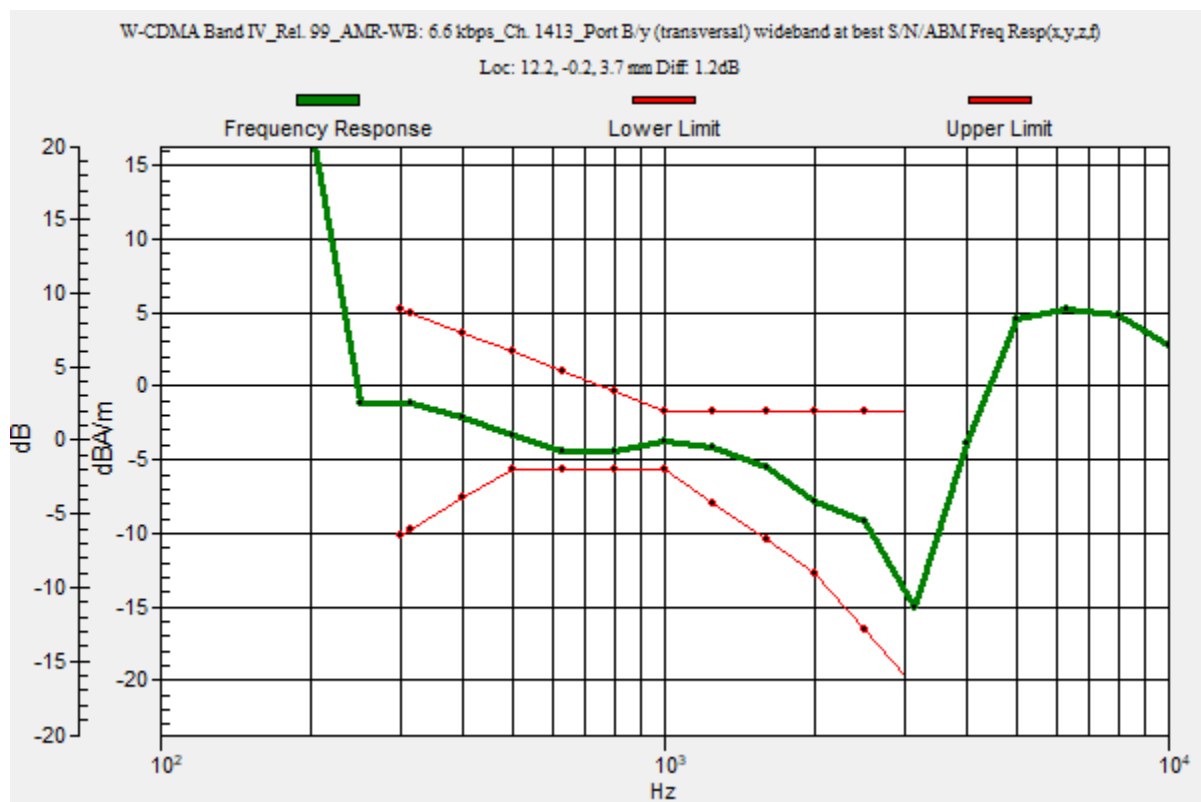
| Category    | Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels] |
|-------------|------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                     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

#### Cursor:

Diff = 1.20 dB

BWC Factor = 10.80 dB

Location: 12.2, -0.2, 3.7 mm



## W-CDMA Band IV

Communication System: UID 0, 1@UMTS-FDD (WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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)/W-CDMA Band IV\_Rel. 99\_AMR-WB: 6.6 kbps\_Ch. 1413\_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

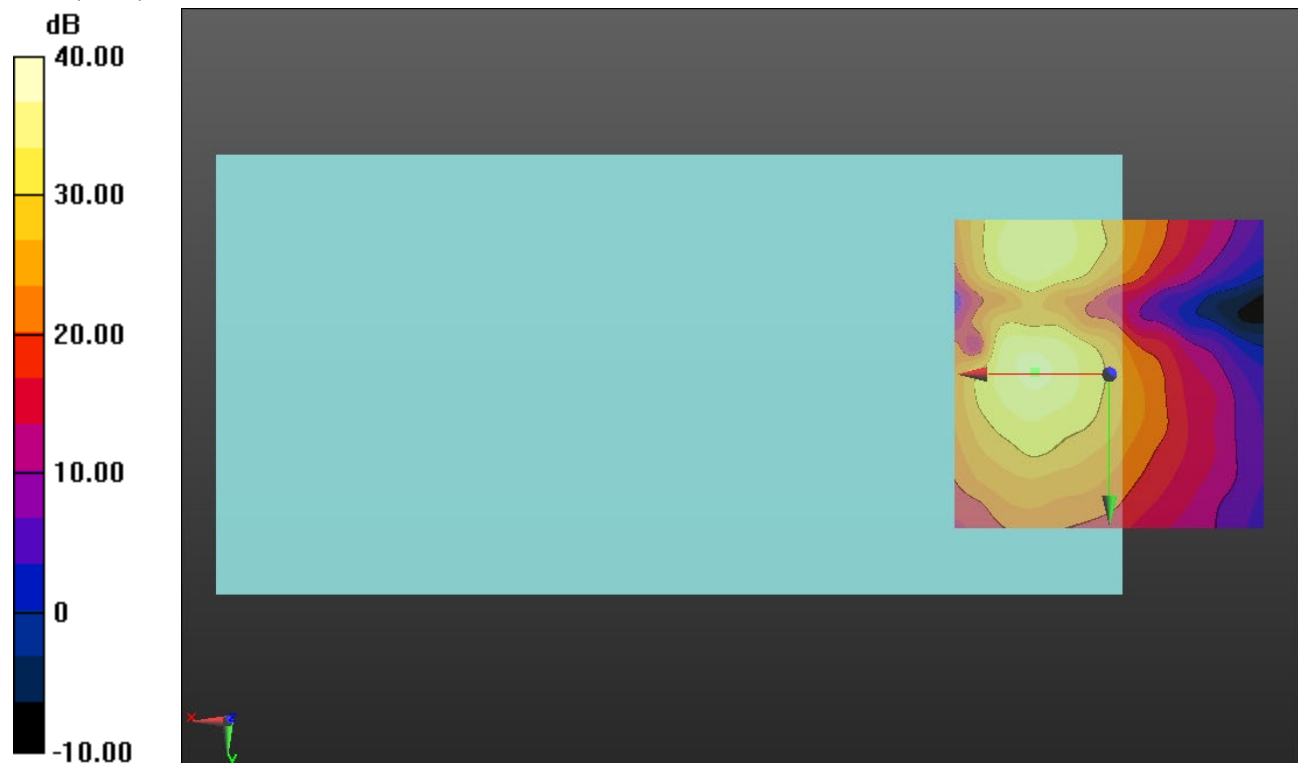
#### Cursor:

ABM1/ABM2 = 37.79 dB

ABM1 comp = -5.80 dBA/m

BWC Factor = 0.16 dB

Location: 12.1, -0.4, 3.7 mm



0 dB = 1.000 = 0.00 dB

## W-CDMA Band V

Communication System: UID 0, 1@UMTS-FDD (WCDMA) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

### T-Coil scan (scan for ANSI C63.19 2011 compliance)/W-CDMA Band V\_Rel. 99\_AMR-WB: 6.6 kbps\_Ch. 4183\_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

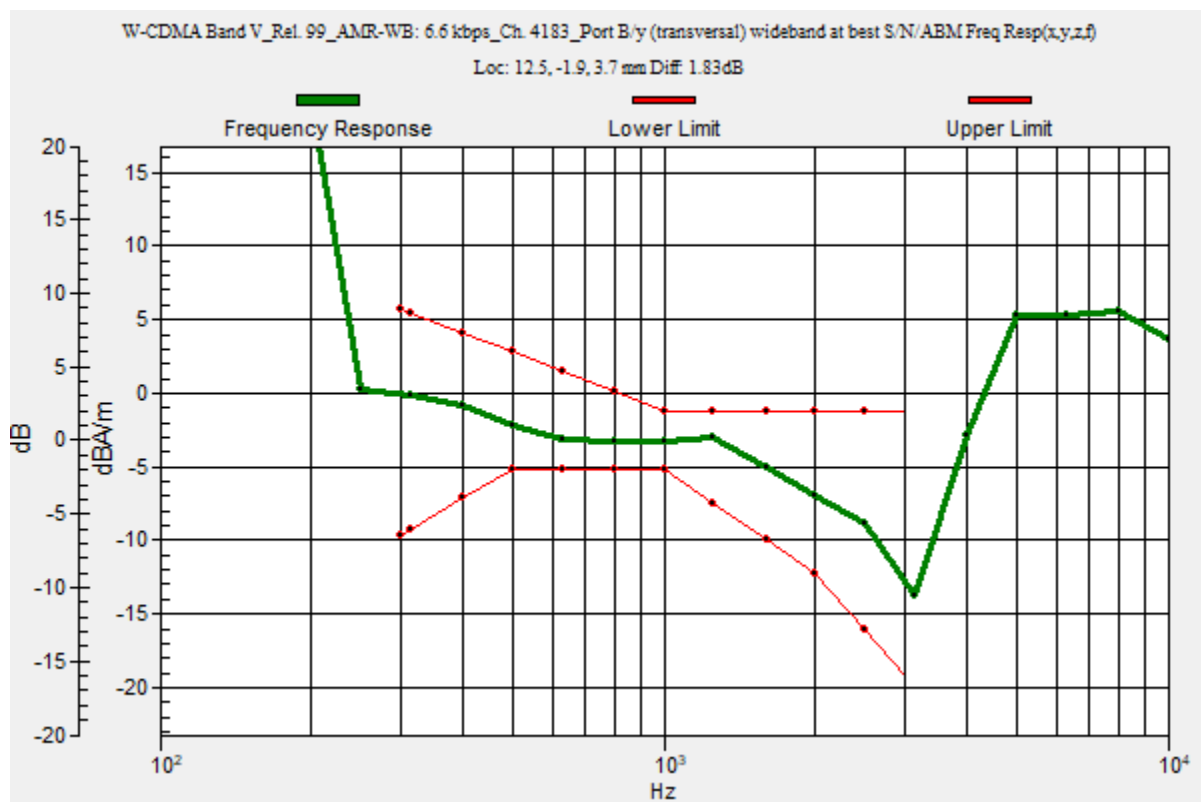
| Category    | Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels] |
|-------------|------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                     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

#### Cursor:

Diff = 1.83 dB

BWC Factor = 10.80 dB

Location: 12.5, -1.9, 3.7 mm



## W-CDMA Band V

Communication System: UID 0, 1@UMTS-FDD (WCDMA) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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)/W-CDMA Band V\_Rel. 99\_AMR-WB: 6.6 kbps\_Ch. 4183\_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

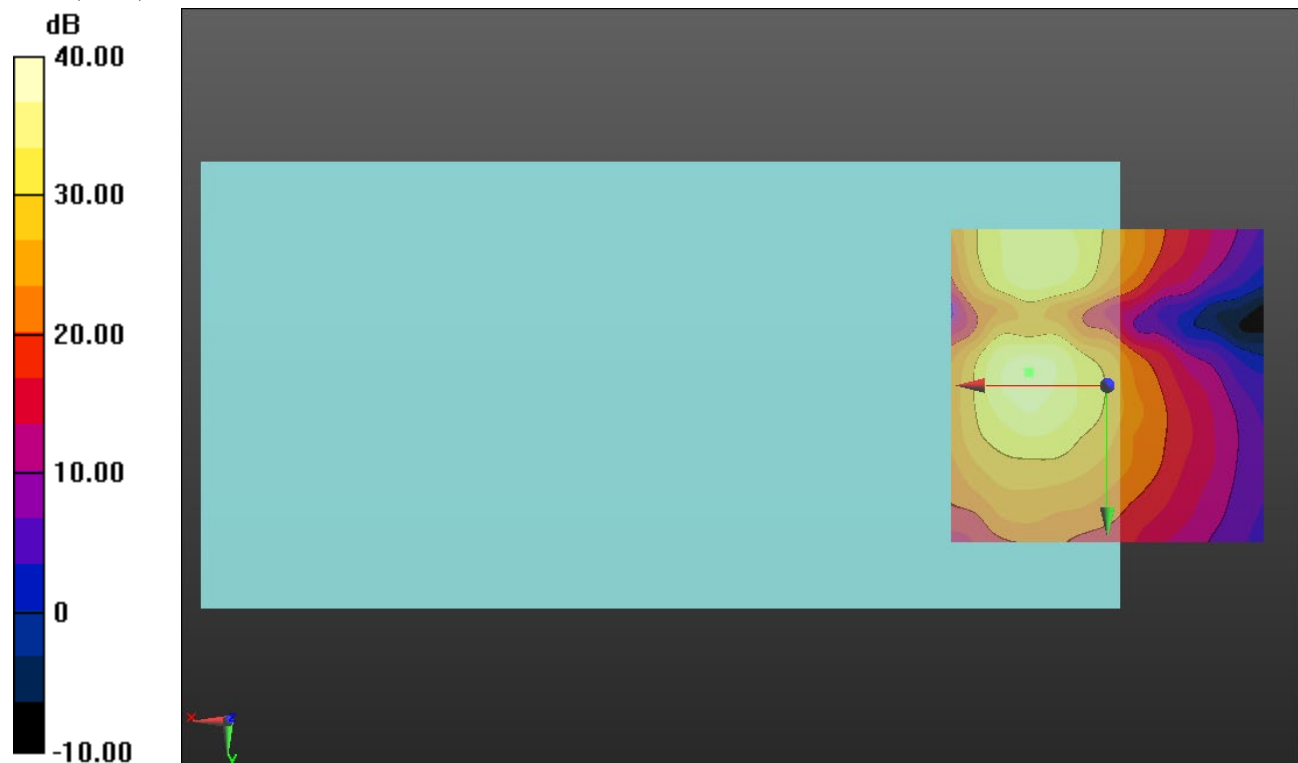
#### Cursor:

ABM1/ABM2 = 38.12 dB

ABM1 comp = -4.53 dBA/m

BWC Factor = 0.16 dB

Location: 12.5, -2.1, 3.7 mm



0 dB = 1.000 = 0.00 dB

**CDMA BC0**

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)/CDMA BC 0\_Voice RC 1 SO3 Full Frame 8k EVRC\_Ch. 384\_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: 37.5

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

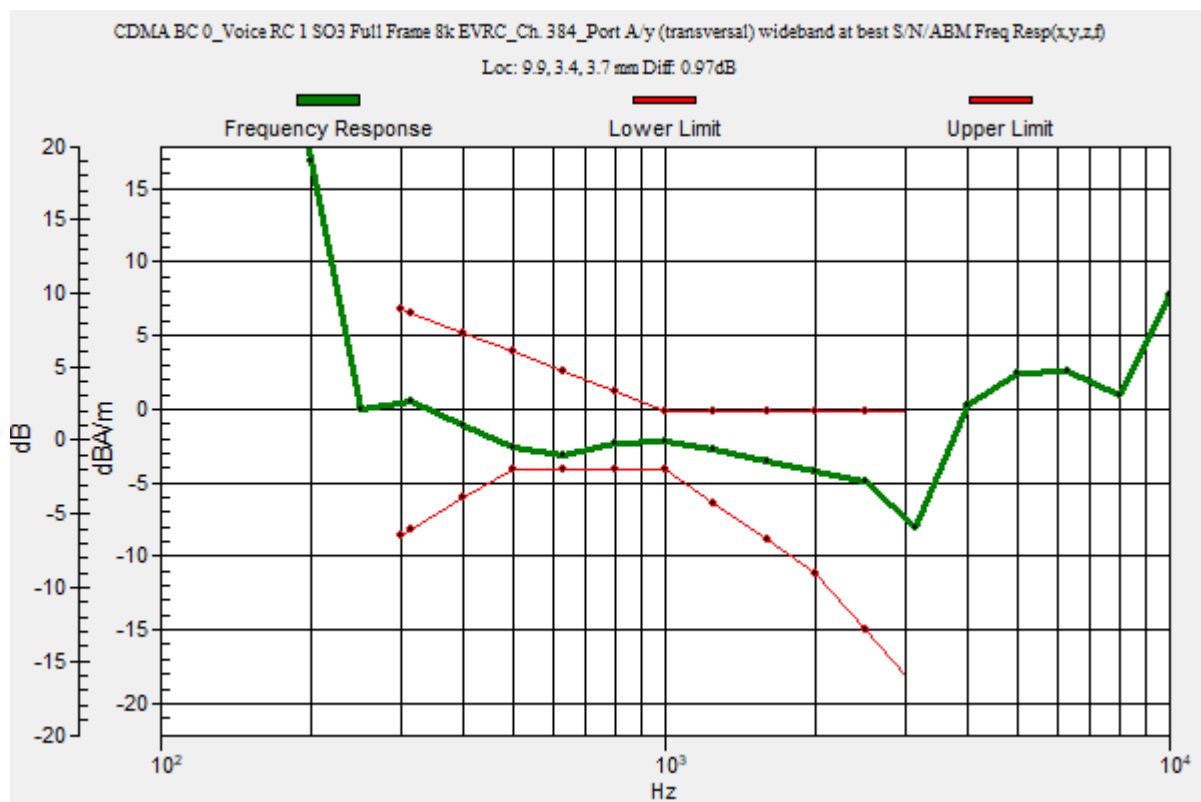
| Category    | Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels] |
|-------------|------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                     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

**Cursor:**

Diff = 0.97 dB

BWC Factor = 10.80 dB

Location: 9.9, 3.4, 3.7 mm



## CDMA BC0

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: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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)/CDMA BC 0\_Voice RC 1 SO3 Full Frame 8k EVRC\_Ch. 384\_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: 19.12

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

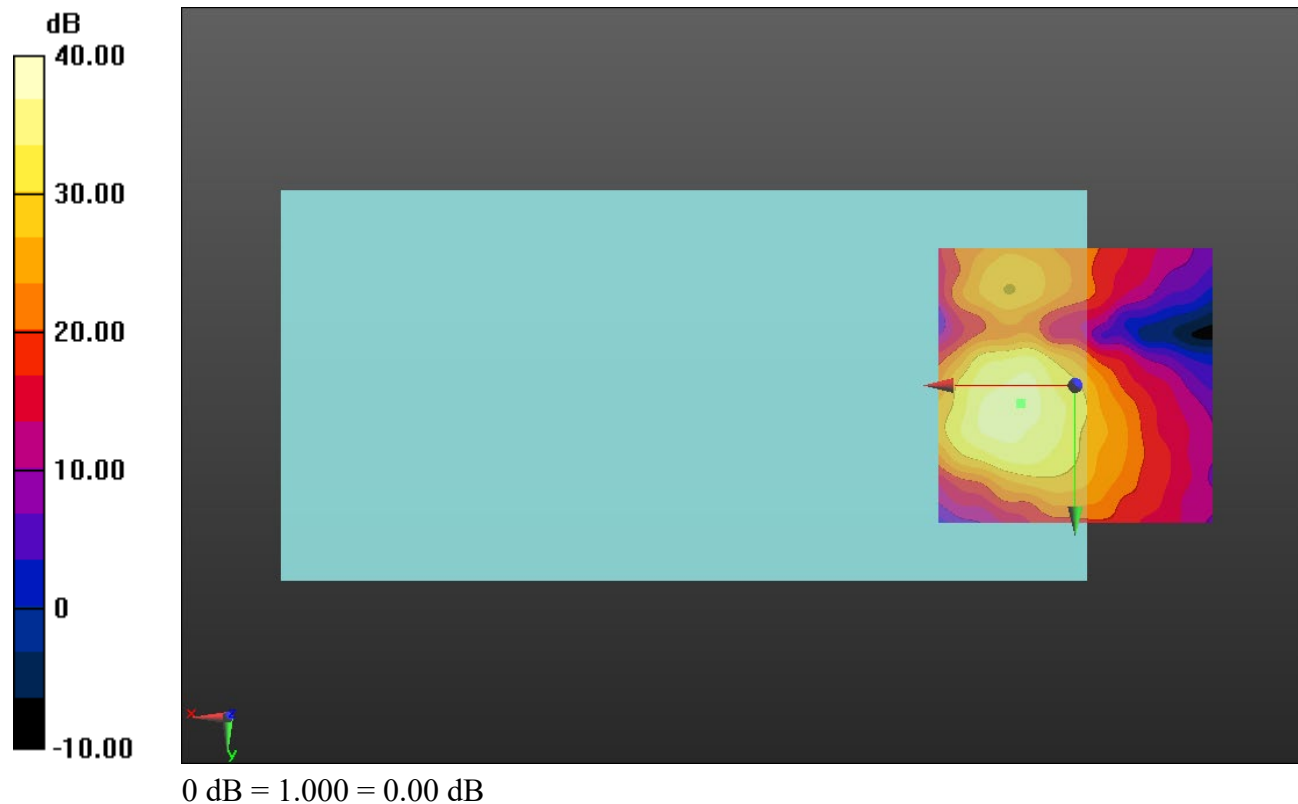
#### Cursor:

ABM1/ABM2 = 38.25 dB

ABM1 comp = -3.85 dBA/m

BWC Factor = 0.16 dB

Location: 10, 3.3, 3.7 mm



**CDMA 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)/CDMA BC 1\_Voice RC 1 SO3 Full Frame 8k EVRC\_Ch. 600\_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: 37.5

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

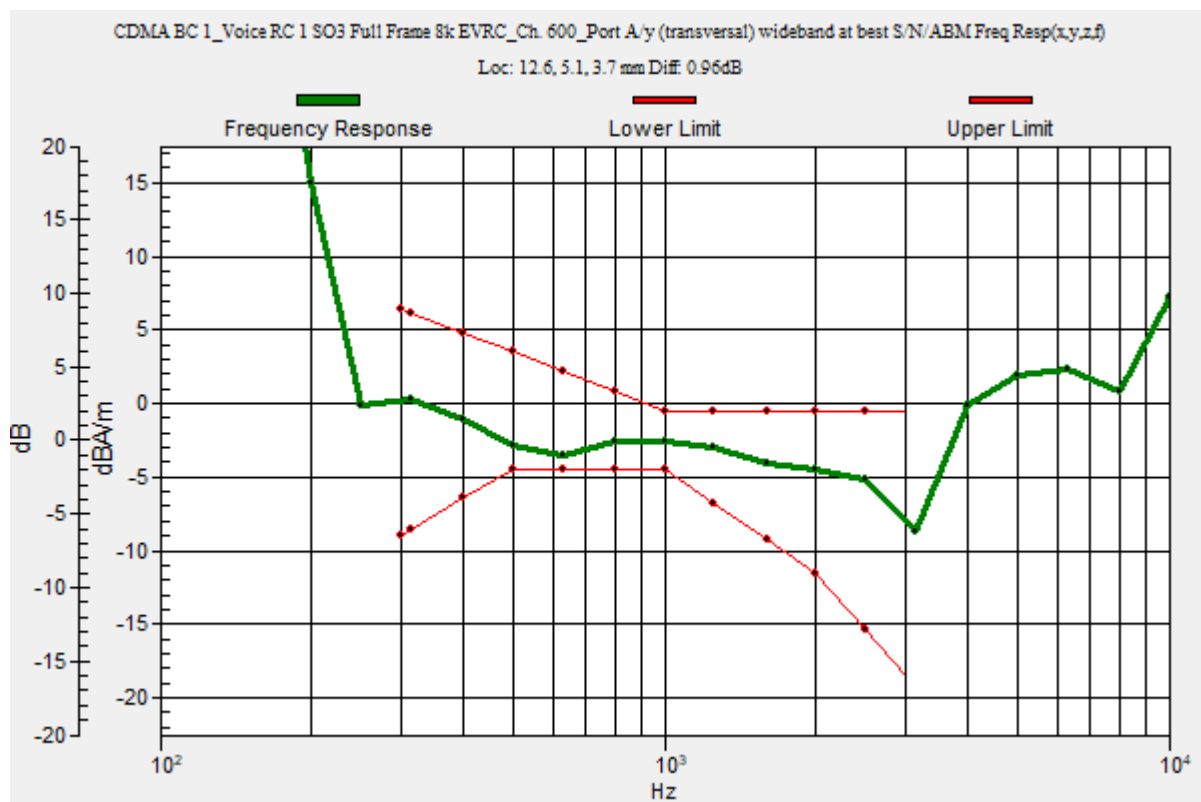
| Category    | Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels] |
|-------------|------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                     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

**Cursor:**

Diff = 0.96 dB

BWC Factor = 10.80 dB

Location: 12.6, 5.1, 3.7 mm



## CDMA 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: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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)/CDMA BC 1\_Voice RC 1 SO3 Full Frame 8k EVRC\_Ch. 600\_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: 19.12

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

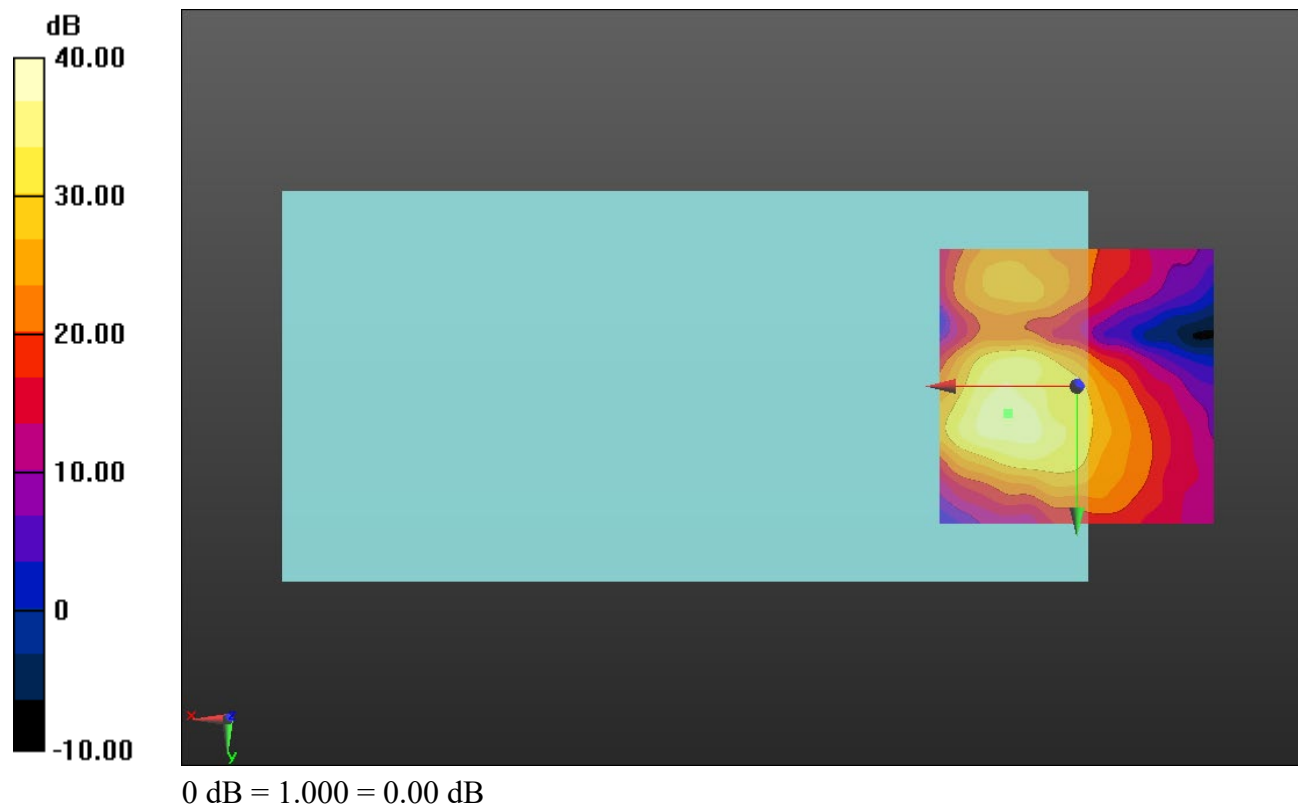
#### Cursor:

ABM1/ABM2 = 38.55 dB

ABM1 comp = -3.78 dBA/m

BWC Factor = 0.16 dB

Location: 12.5, 5, 3.7 mm



**CDMA 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)/CDMA BC 10\_Voice RC 1 SO3 Full Frame 8k EVRC\_Ch. 384\_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: 37.5

Measure Window Start: 300ms

Measure Window Length: 2000ms

BWC applied: 10.80 dB

Device Reference Point: 0, 0, -6.3 mm

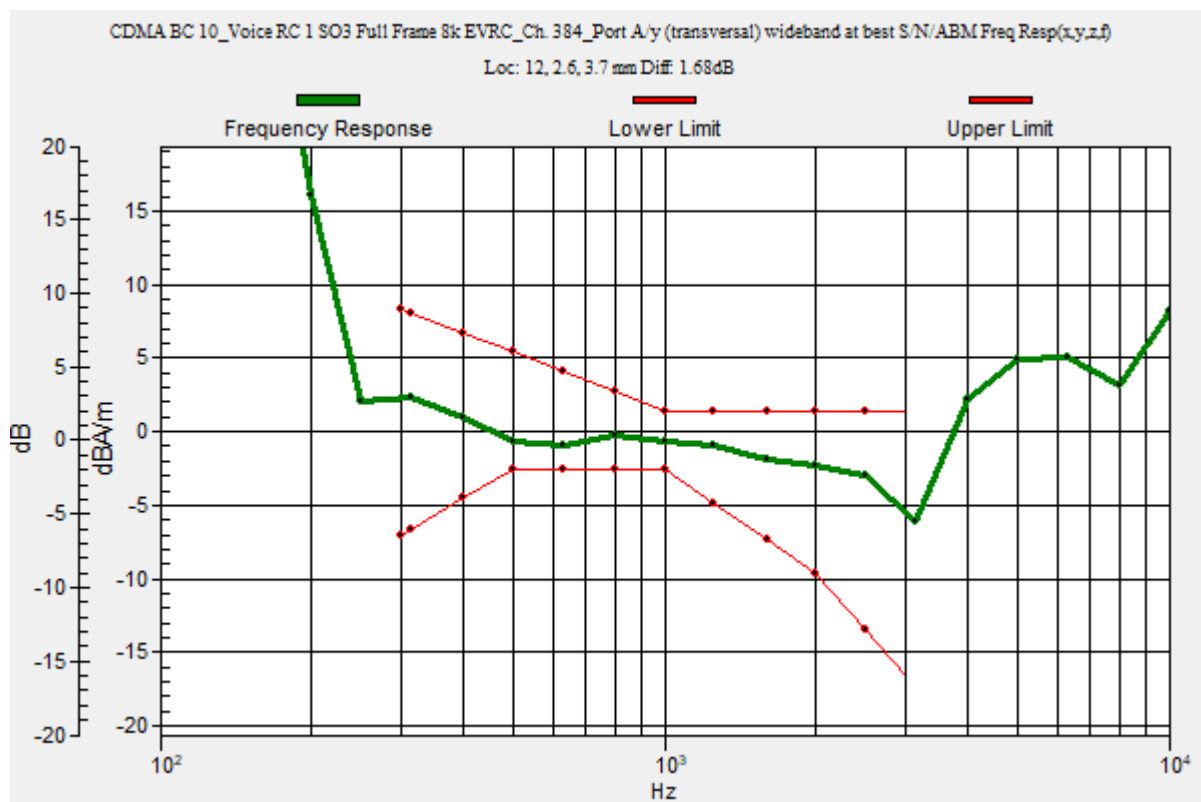
| Category    | Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels] |
|-------------|------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                     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

**Cursor:**

Diff = 1.68 dB

BWC Factor = 10.80 dB

Location: 12, 2.6, 3.7 mm



## CDMA 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: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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)/CDMA BC 10\_Voice RC 1 SO3 Full Frame 8k EVRC\_Ch. 384\_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: 19.12

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

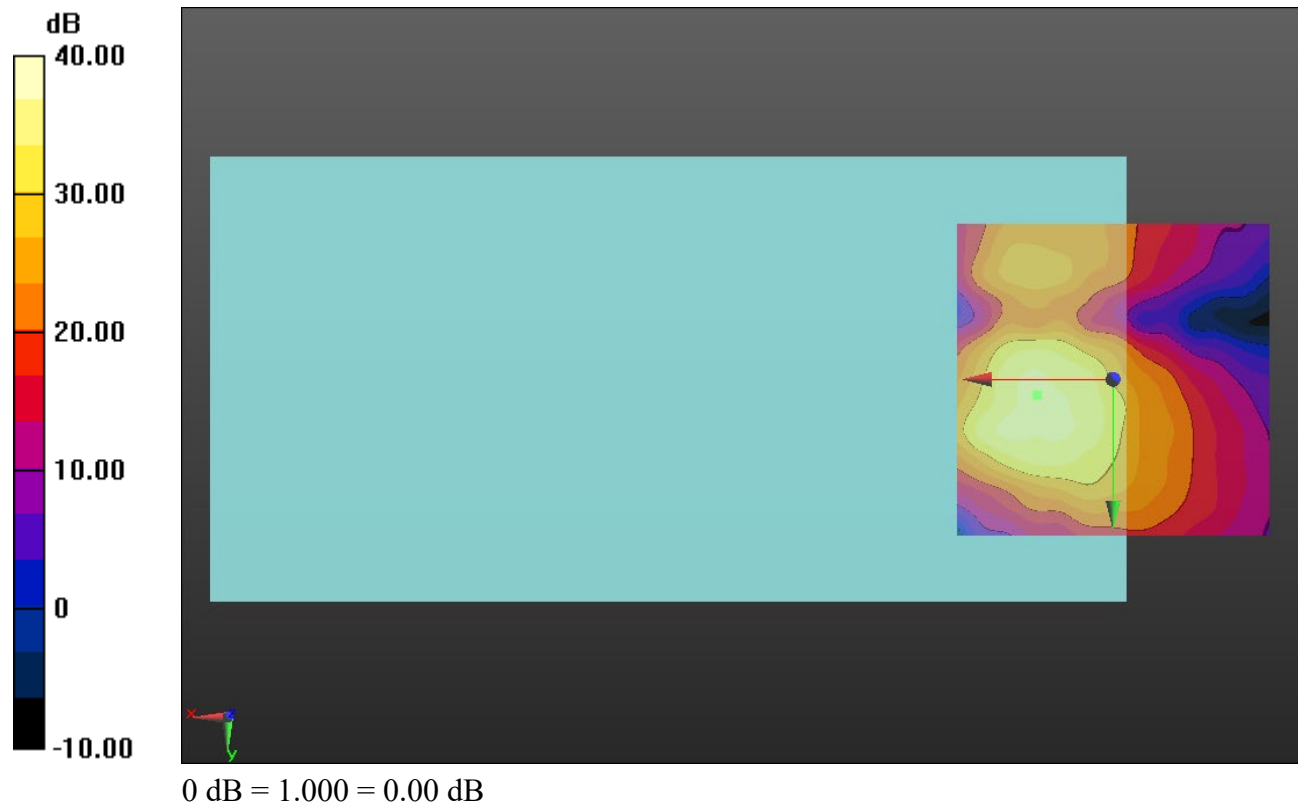
#### Cursor:

ABM1/ABM2 = 37.77 dB

ABM1 comp = -2.18 dBA/m

BWC Factor = 0.16 dB

Location: 12.1, 2.5, 3.7 mm



## LTE Band 2

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

**T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 2\_QPSK\_20 MHz  
BW\_50/24 RB\_AMR-WB: 6.6 kbps\_Ch. 18900\_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

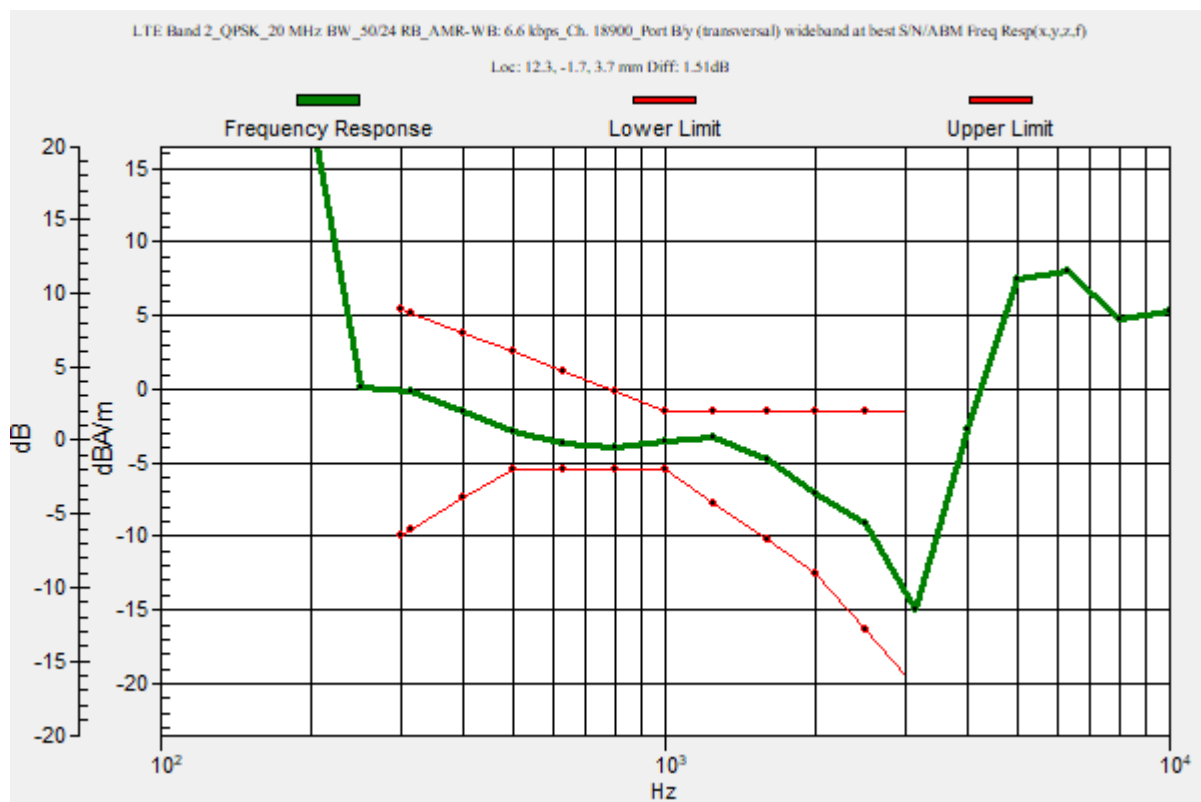
| Category    | Telephone parameters WD signal quality<br>[(signal+noise)-to-noise ratio in decibels] |
|-------------|---------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                         |
| 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: 12.3, -1.7, 3.7 mm



## LTE Band 2

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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\_QPSK\_20 MHz  
BW\_50/24 RB\_AMR-WB: 6.6 kbps\_Ch. 18900\_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

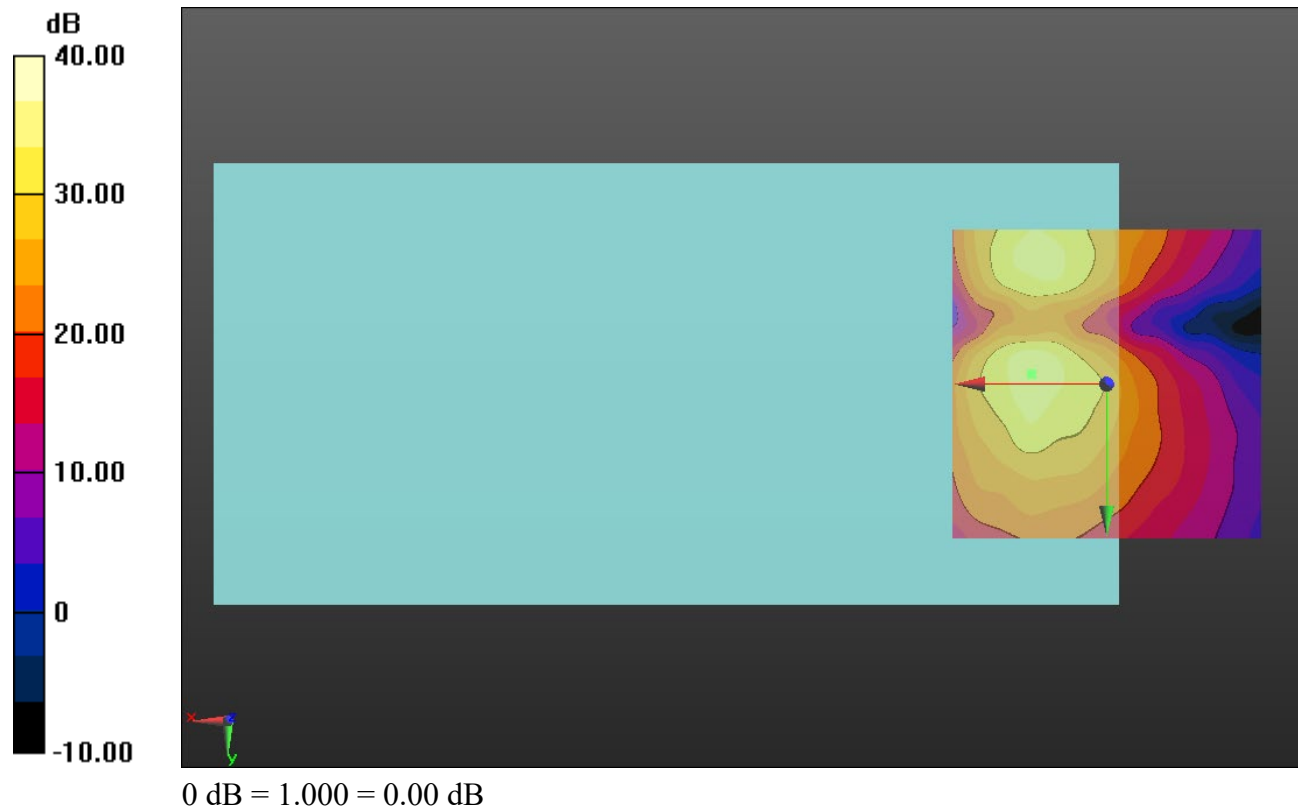
### Cursor:

ABM1/ABM2 = 36.28 dB

ABM1 comp = -4.77 dBA/m

BWC Factor = 0.16 dB

Location: 12.1, -1.7, 3.7 mm



## LTE Band 4

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

**T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 4\_QPSK\_20 MHz  
BW\_50/24 RB\_AMR-WB: 6.6 kbps\_Ch. 20175\_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

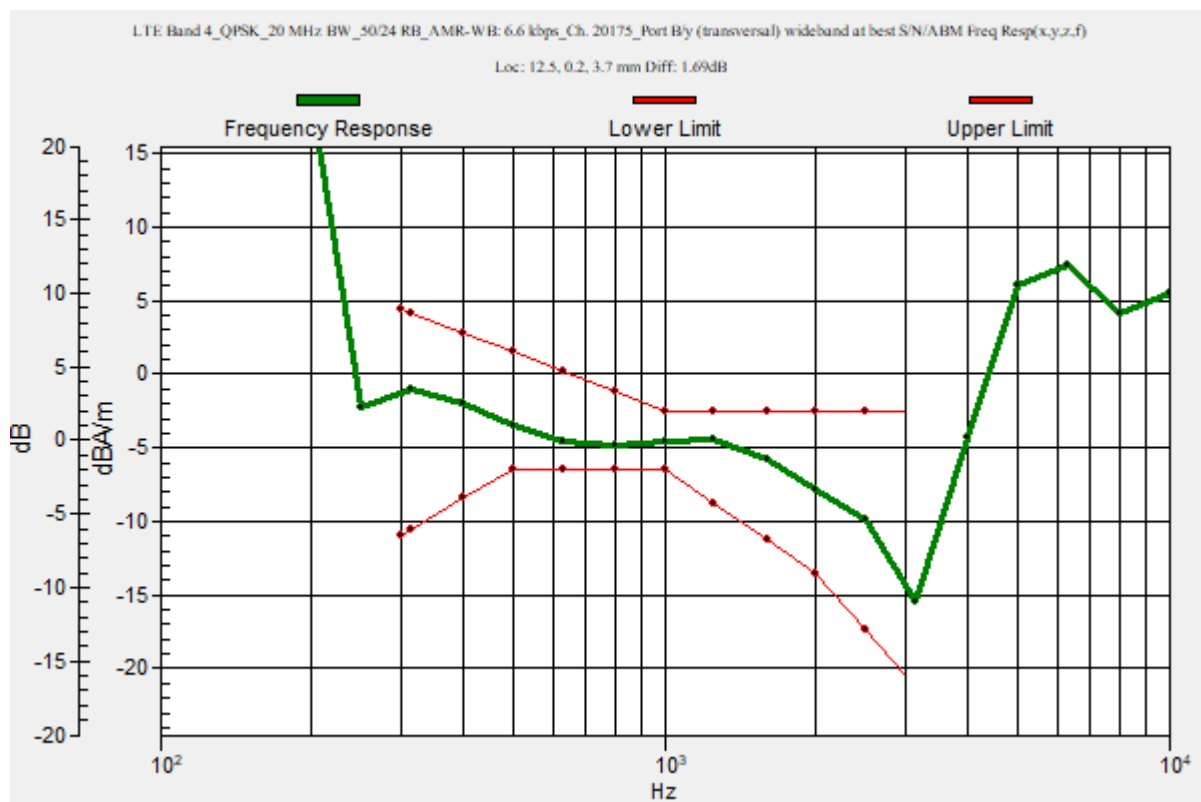
| Category    | Telephone parameters WD signal quality<br>[(signal+noise)-to-noise ratio in decibels] |
|-------------|---------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                         |
| 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: 12.5, 0.2, 3.7 mm



## LTE Band 4

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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\_QPSK\_20 MHz  
BW\_50/24 RB\_AMR-WB: 6.6 kbps\_Ch. 20175\_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

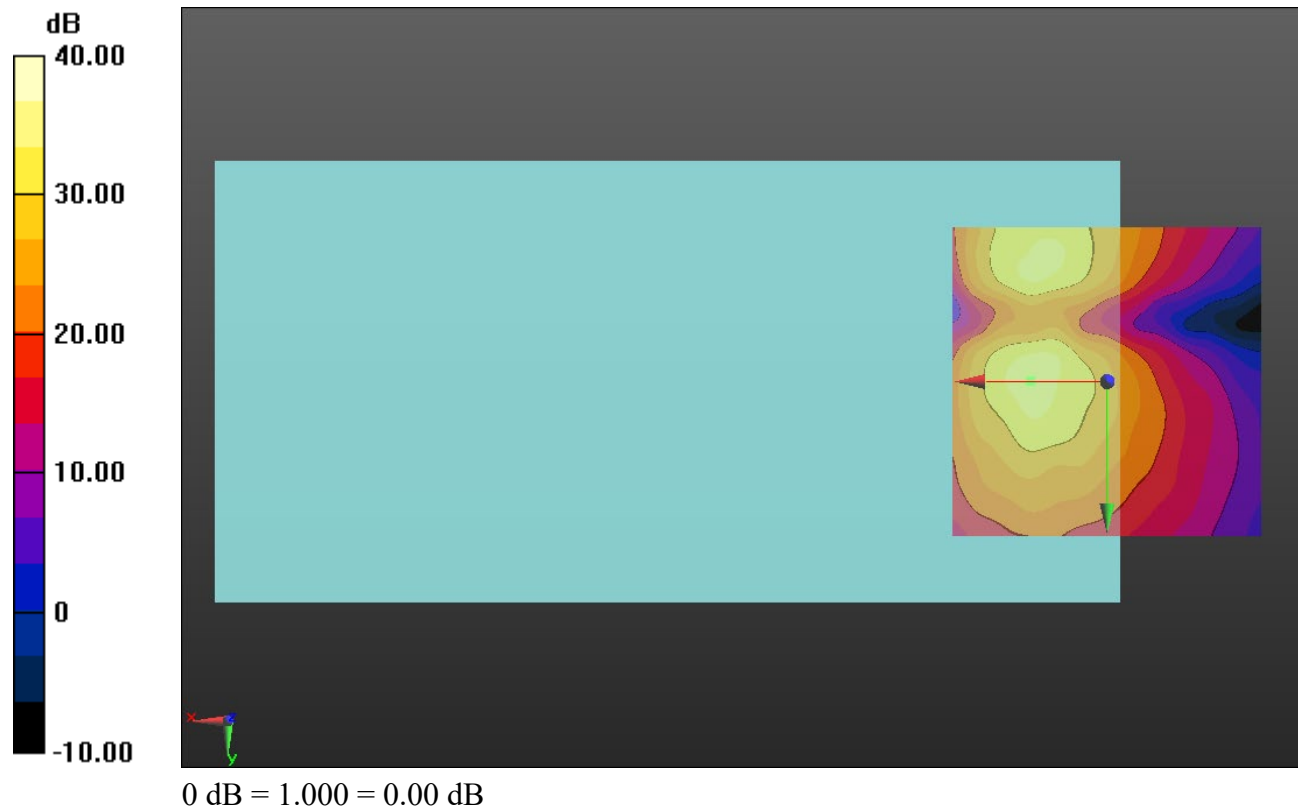
### Cursor:

ABM1/ABM2 = 34.97 dB

ABM1 comp = -5.17 dBA/m

BWC Factor = 0.16 dB

Location: 12.5, 0, 3.7 mm



## LTE Band 5

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

**T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 5\_QPSK\_10 MHz  
BW\_25/12 RB\_AMR-WB: 6.6 kbps\_Ch. 20525\_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

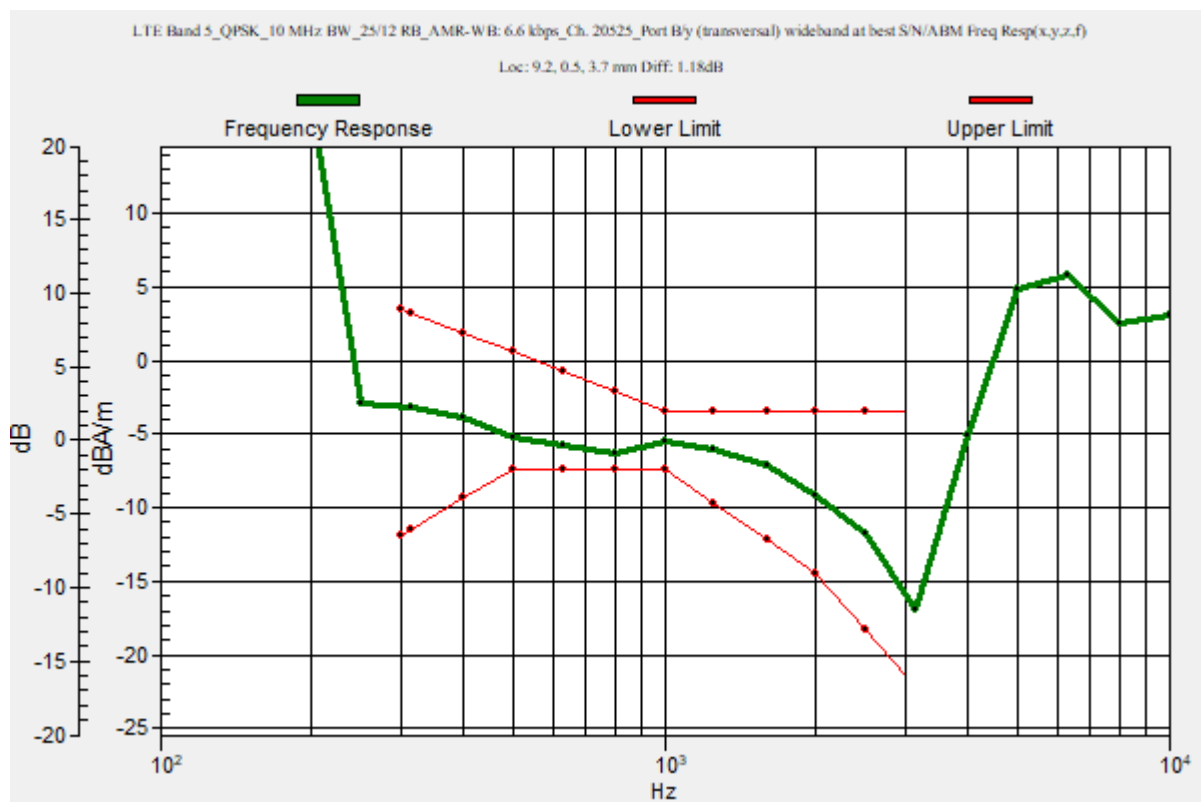
| Category    | Telephone parameters WD signal quality<br>[(signal+noise)-to-noise ratio in decibels] |
|-------------|---------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                         |
| 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: 9.2, 0.5, 3.7 mm



## LTE Band 5

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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\_QPSK\_10 MHz  
BW\_25/12 RB\_AMR-WB: 6.6 kbps\_Ch. 20525\_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

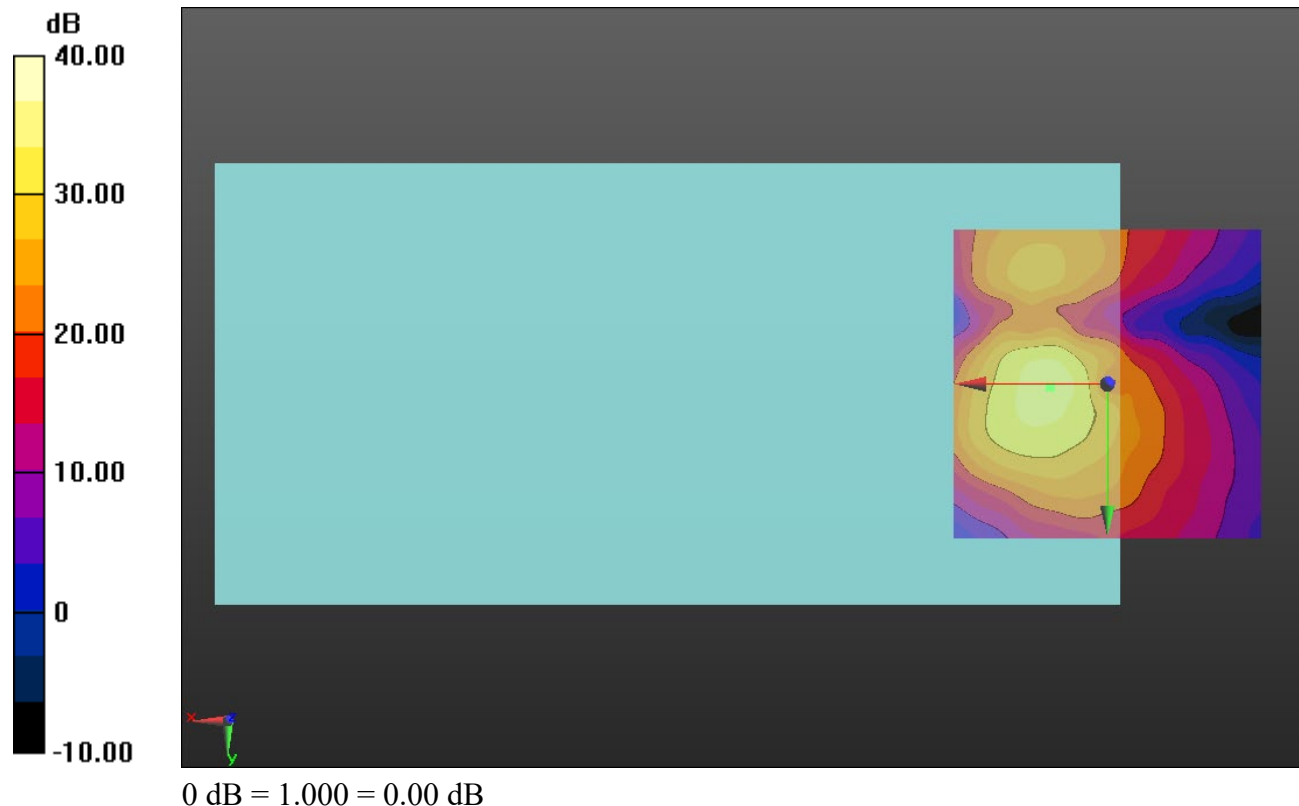
### Cursor:

ABM1/ABM2 = 35.45 dB

ABM1 comp = -6.91 dBA/m

BWC Factor = 0.16 dB

Location: 9.2, 0.4, 3.7 mm



## LTE Band 7

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 2535 MHz;Duty Cycle: 1:1

**T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 7\_QPSK\_20 MHz  
BW\_50/24 RB\_AMR-WB: 6.6 kbps\_Ch. 21100\_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

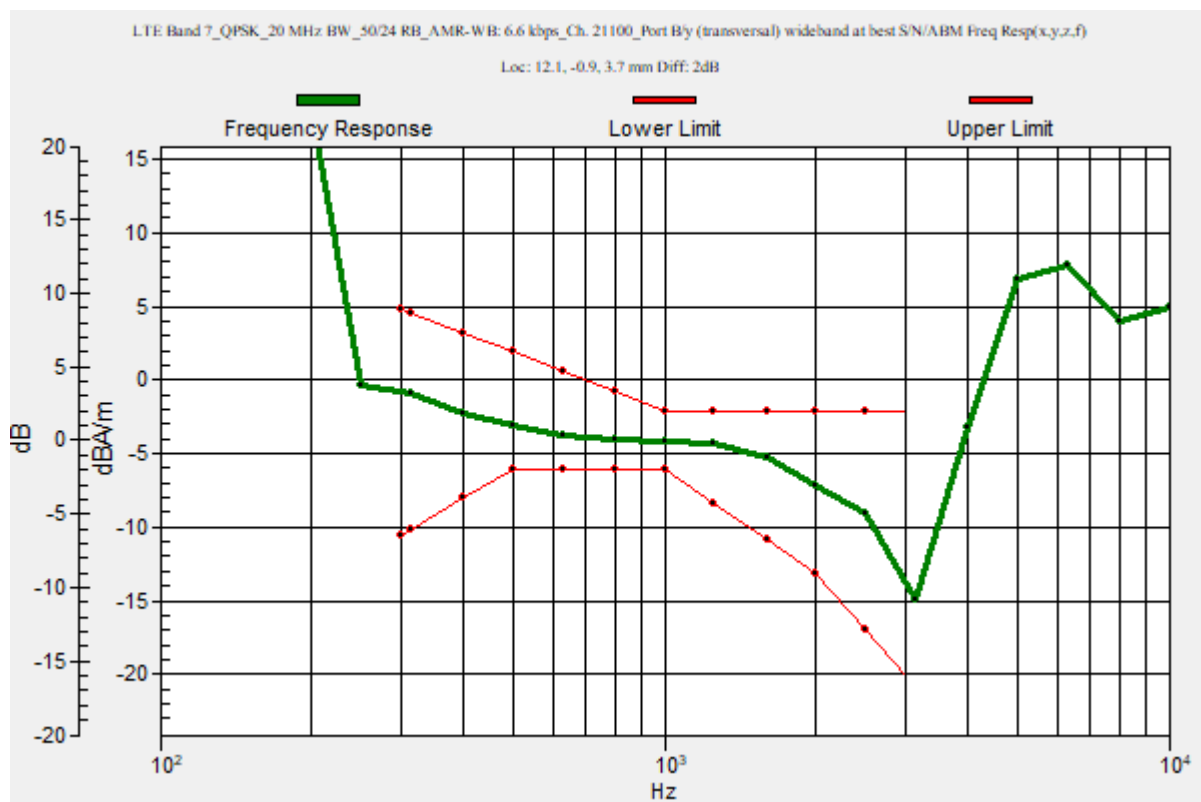
| Category    | Telephone parameters WD signal quality<br>[(signal+noise)-to-noise ratio in decibels] |
|-------------|---------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                         |
| 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: 12.1, -0.9, 3.7 mm



## LTE Band 7

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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\_QPSK\_20 MHz  
BW\_50/24 RB\_AMR-WB: 6.6 kbps\_Ch. 21100\_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

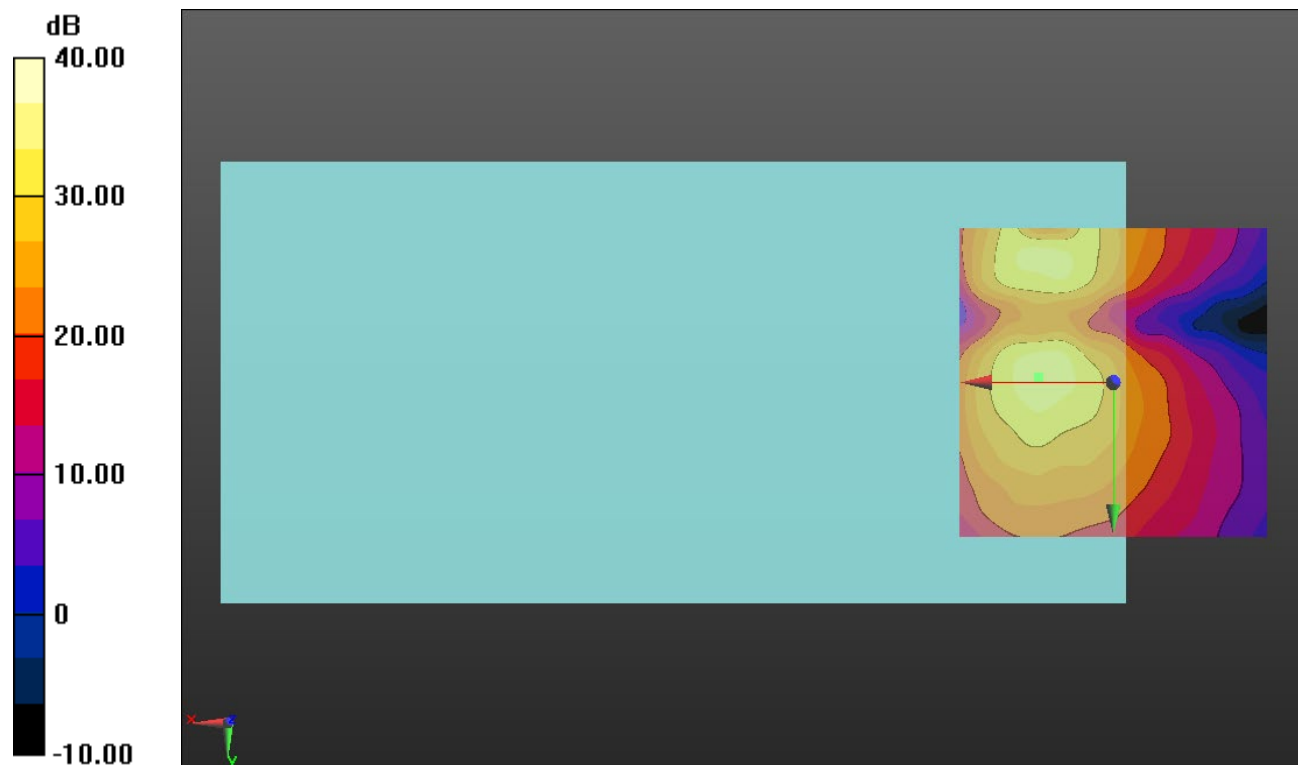
### Cursor:

ABM1/ABM2 = 35.23 dB

ABM1 comp = -5.37 dBA/m

BWC Factor = 0.16 dB

Location: 12.1, -0.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

**LTE Band 12**

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 707.5 MHz;Duty Cycle: 1:1

**T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 12\_QPSK\_10 MHz  
BW\_25/12 RB\_AMR-WB: 6.6 kbps\_Ch. 23095\_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

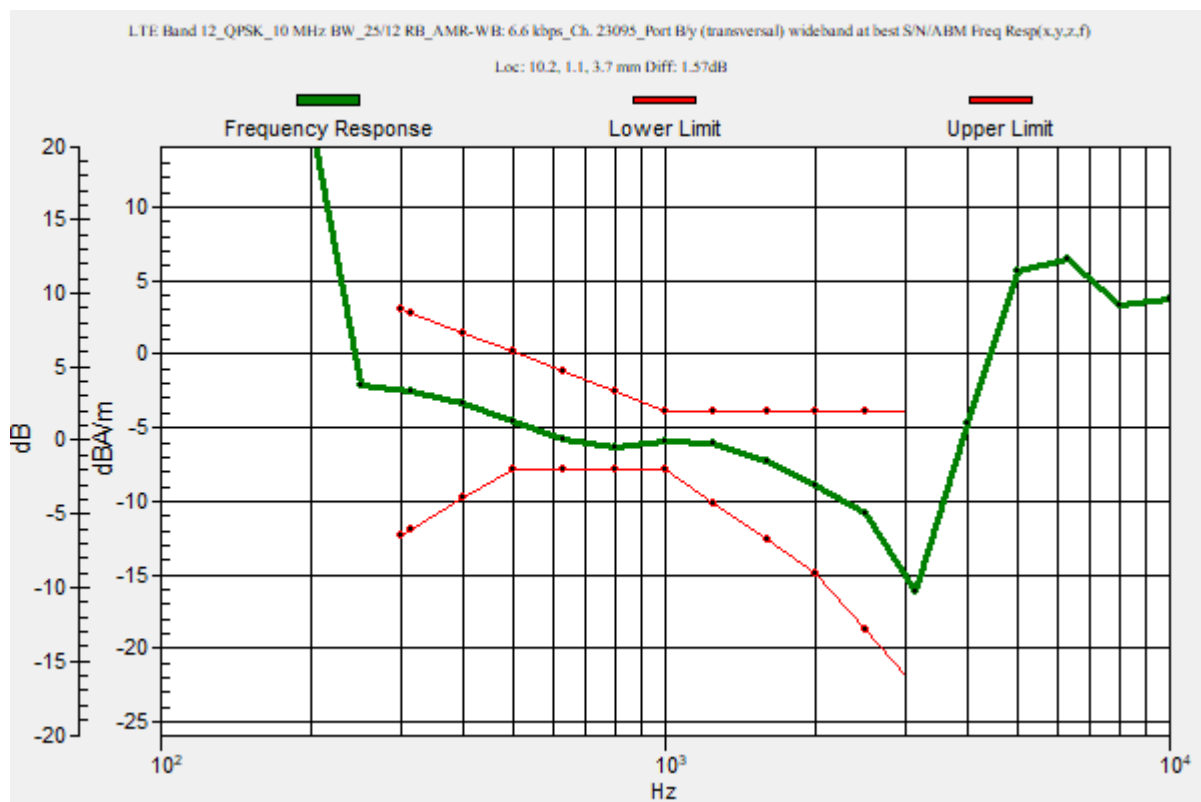
| Category    | Telephone parameters WD signal quality<br>[(signal+noise)-to-noise ratio in decibels] |
|-------------|---------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                               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

**Cursor:**

Diff = 1.57 dB

BWC Factor = 10.80 dB

Location: 10.2, 1.1, 3.7 mm



## LTE Band 12

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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\_QPSK\_10 MHz  
BW\_25/12 RB\_AMR-WB: 6.6 kbps\_Ch. 23095\_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

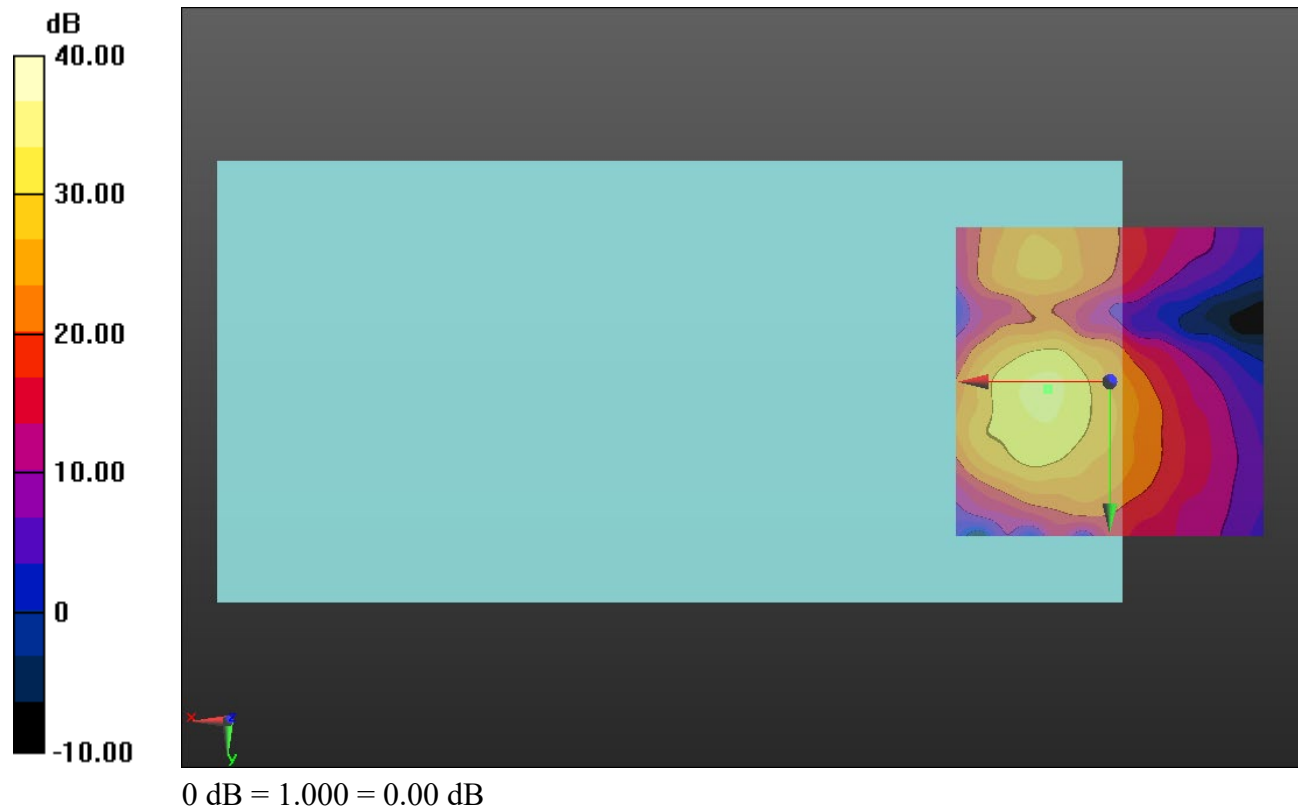
### Cursor:

ABM1/ABM2 = 34.10 dB

ABM1 comp = -6.76 dBA/m

BWC Factor = 0.16 dB

Location: 10, 1.2, 3.7 mm



**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\_10 MHz  
BW\_25/12 RB\_AMR-WB: 6.6 kbps\_Ch. 23230\_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

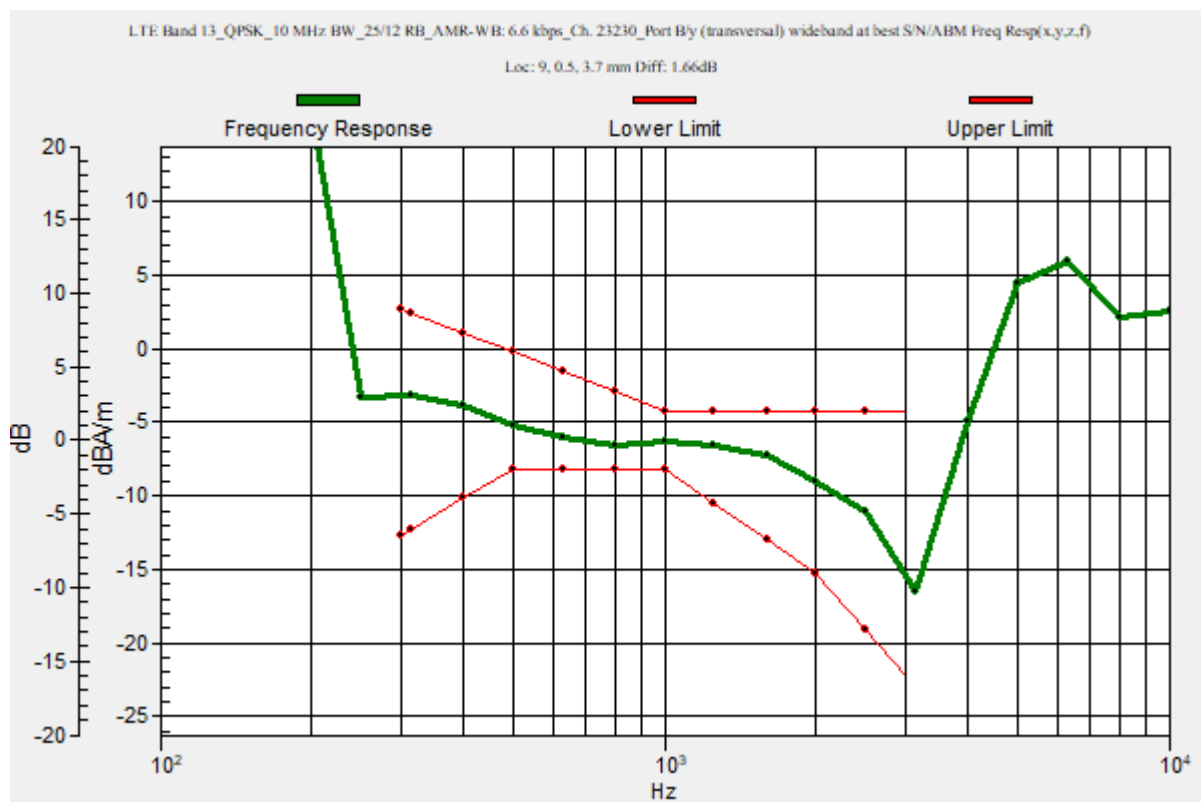
| Category    | Telephone parameters WD signal quality<br>[(signal+noise)-to-noise ratio in decibels] |
|-------------|---------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                         |
| 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: 9, 0.5, 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: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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\_QPSK\_10 MHz  
BW\_25/12 RB\_AMR-WB: 6.6 kbps\_Ch. 23230\_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

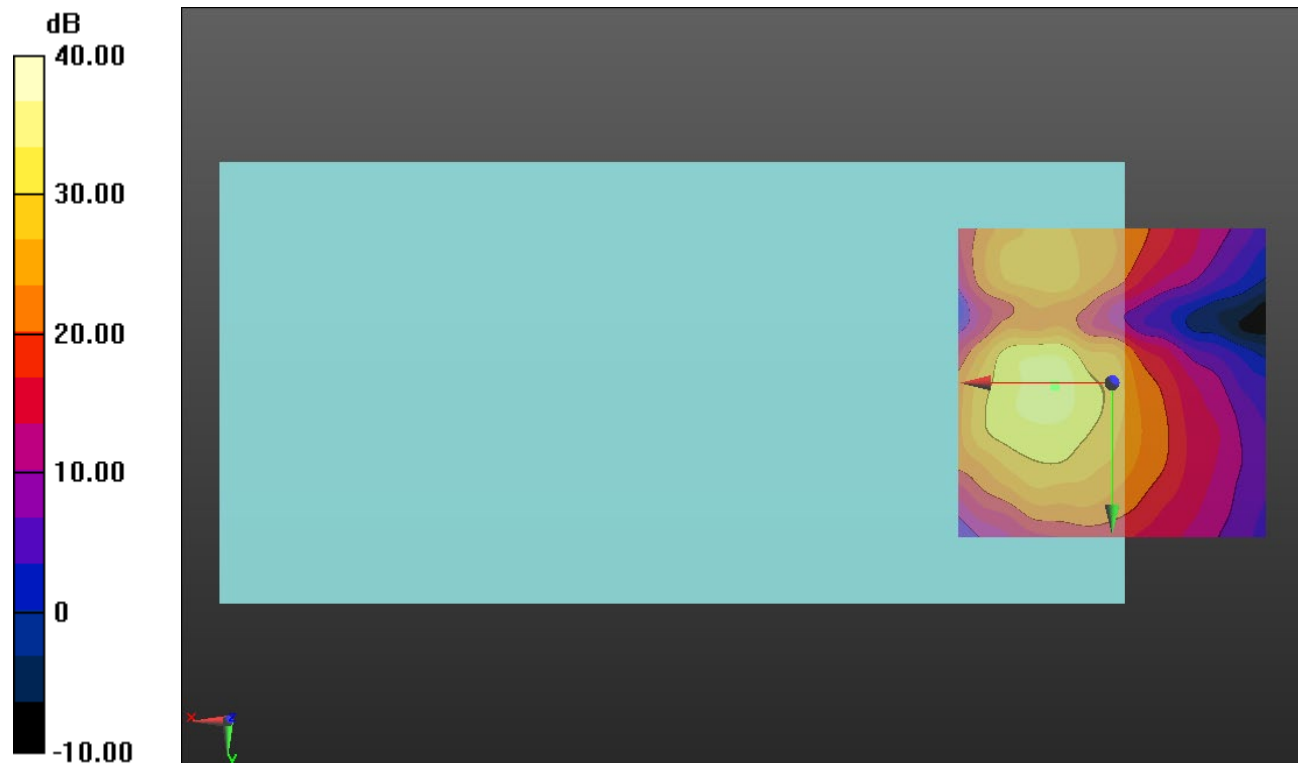
### Cursor:

ABM1/ABM2 = 35.36 dB

ABM1 comp = -6.95 dBA/m

BWC Factor = 0.16 dB

Location: 9.2, 0.4, 3.7 mm



0 dB = 1.000 = 0.00 dB

**LTE Band 14**

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 793 MHz;Duty Cycle: 1:1

**T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 14\_QPSK\_10 MHz  
BW\_25/12 RB\_AMR-WB: 6.6 kbps\_Ch. 23330\_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

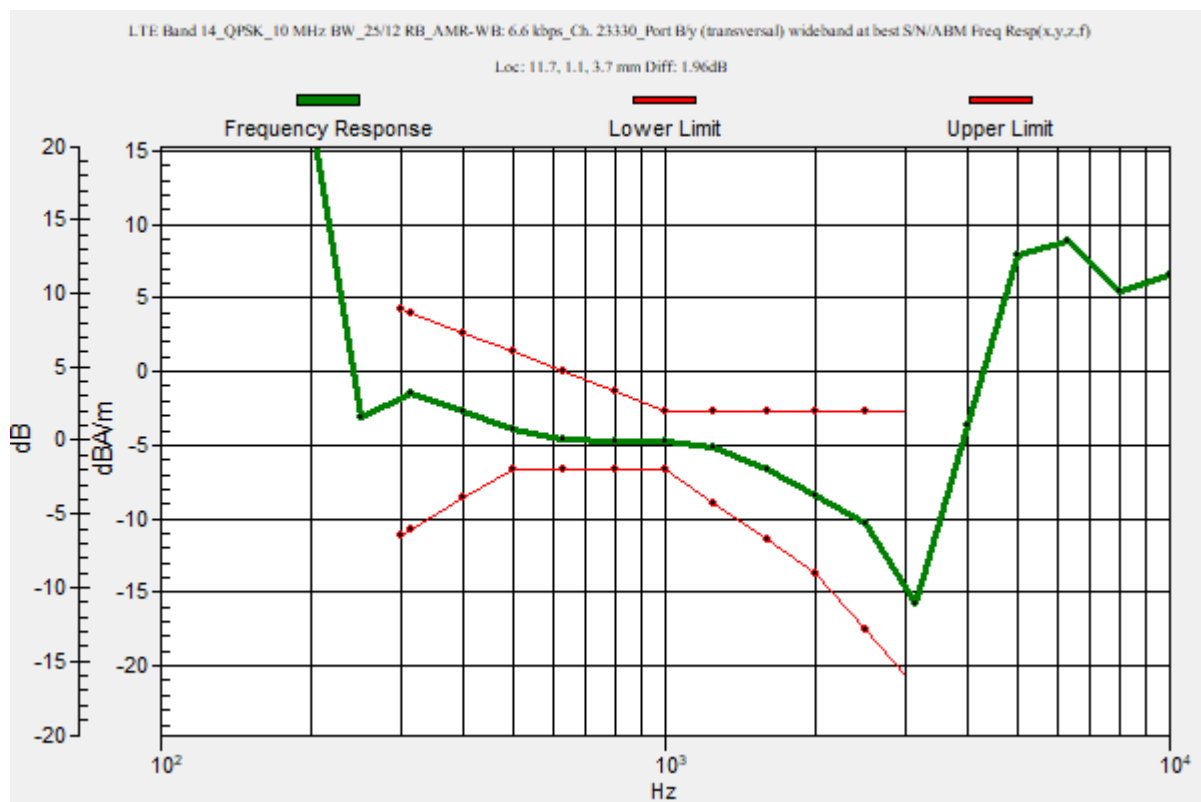
| Category    | Telephone parameters WD signal quality<br>[(signal+noise)-to-noise ratio in decibels] |
|-------------|---------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                         |
| 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: 11.7, 1.1, 3.7 mm



## LTE Band 14

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 793 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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 14\_QPSK\_10 MHz  
BW\_25/12 RB\_AMR-WB: 6.6 kbps\_Ch. 23330\_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

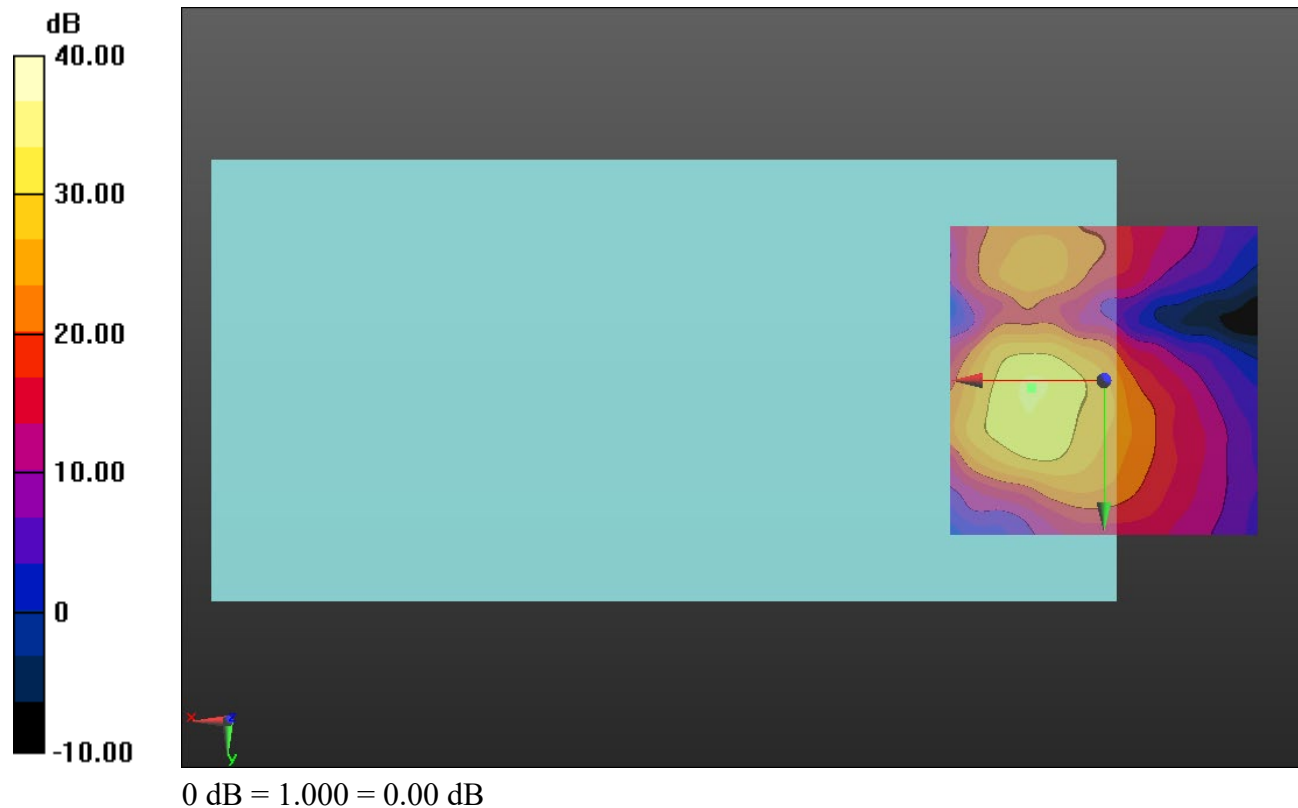
### Cursor:

ABM1/ABM2 = 33.85 dB

ABM1 comp = -5.69 dBA/m

BWC Factor = 0.16 dB

Location: 11.7, 1.2, 3.7 mm



**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\_10 MHz  
BW\_25/12 RB\_AMR-WB: 6.6 kbps\_Ch. 23790\_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

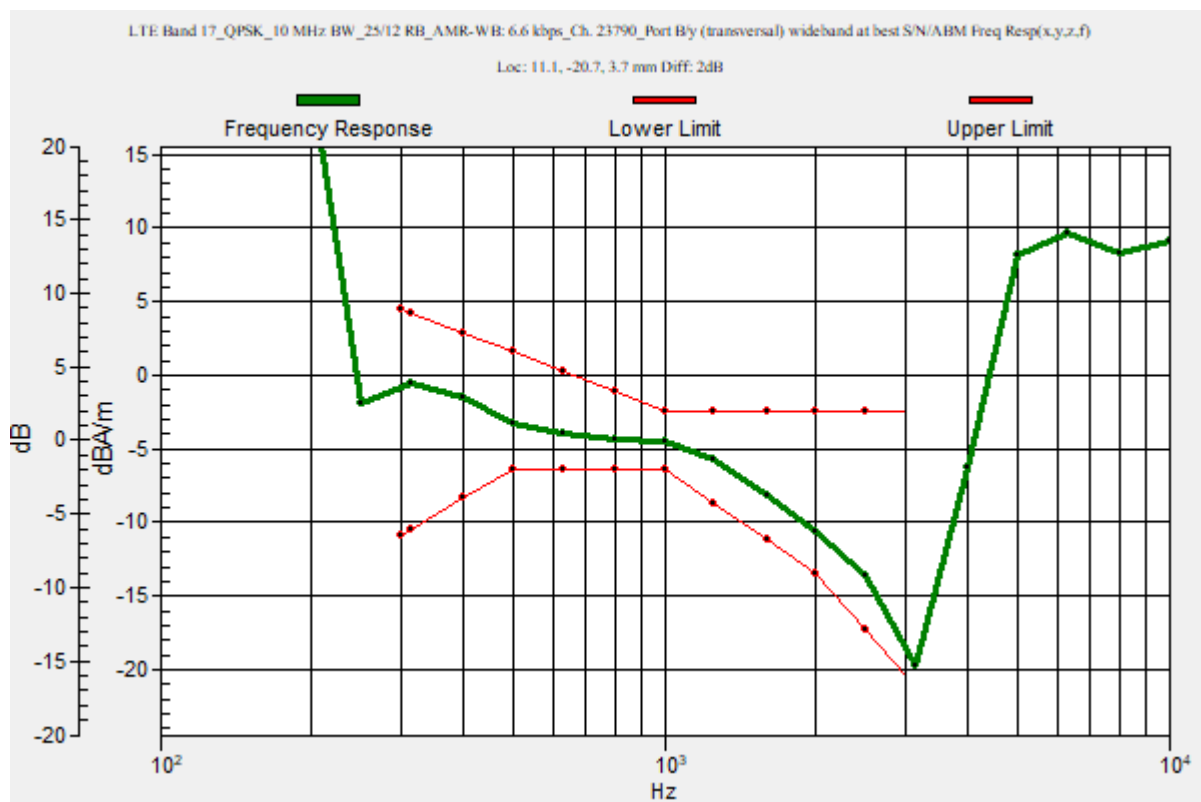
| Category    | Telephone parameters WD signal quality<br>[(signal+noise)-to-noise ratio in decibels] |
|-------------|---------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                         |
| 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: 11.1, -20.7, 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: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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\_QPSK\_10 MHz  
BW\_25/12 RB\_AMR-WB: 6.6 kbps\_Ch. 23790\_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

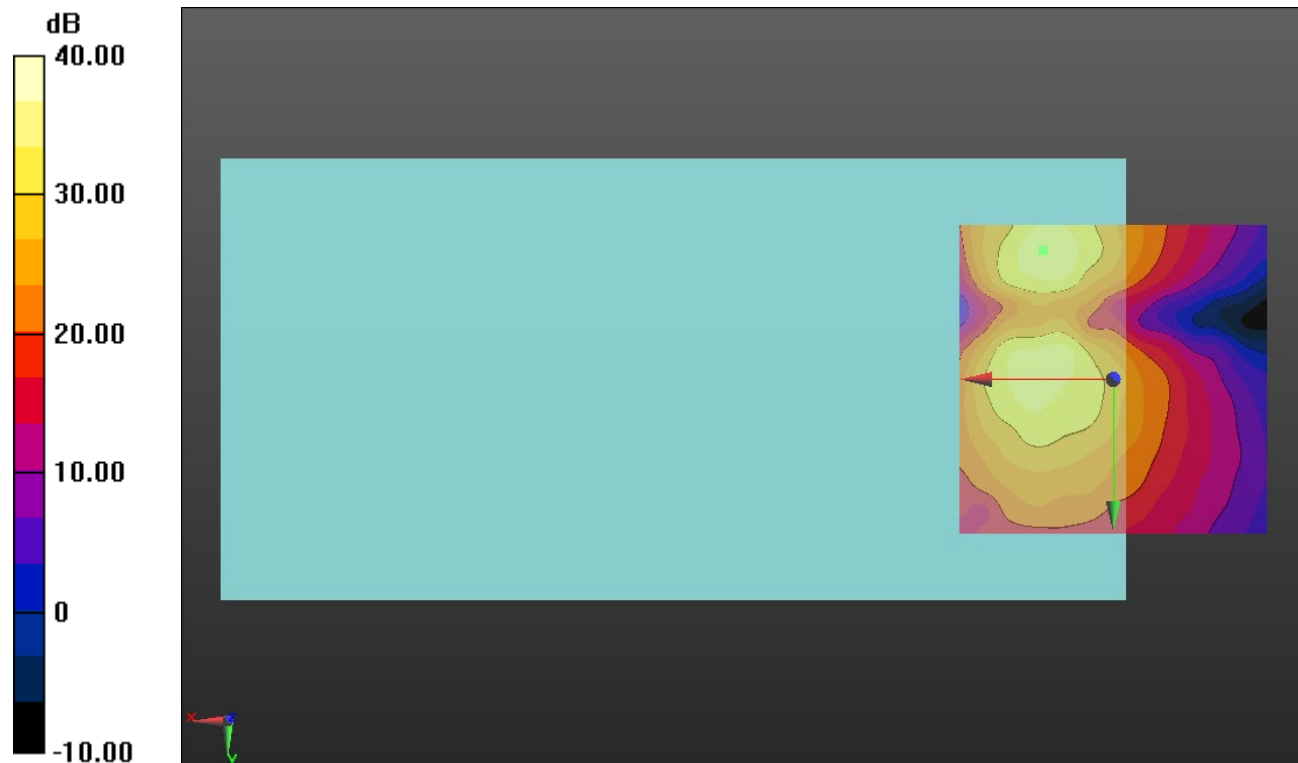
### Cursor:

ABM1/ABM2 = 35.75 dB

ABM1 comp = -5.58 dBA/m

BWC Factor = 0.16 dB

Location: 11.3, -20.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

## LTE Band 25

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

**T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 25\_QPSK\_20 MHz  
BW\_50/24 RB\_AMR-WB: 6.6 kbps\_Ch. 26365\_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

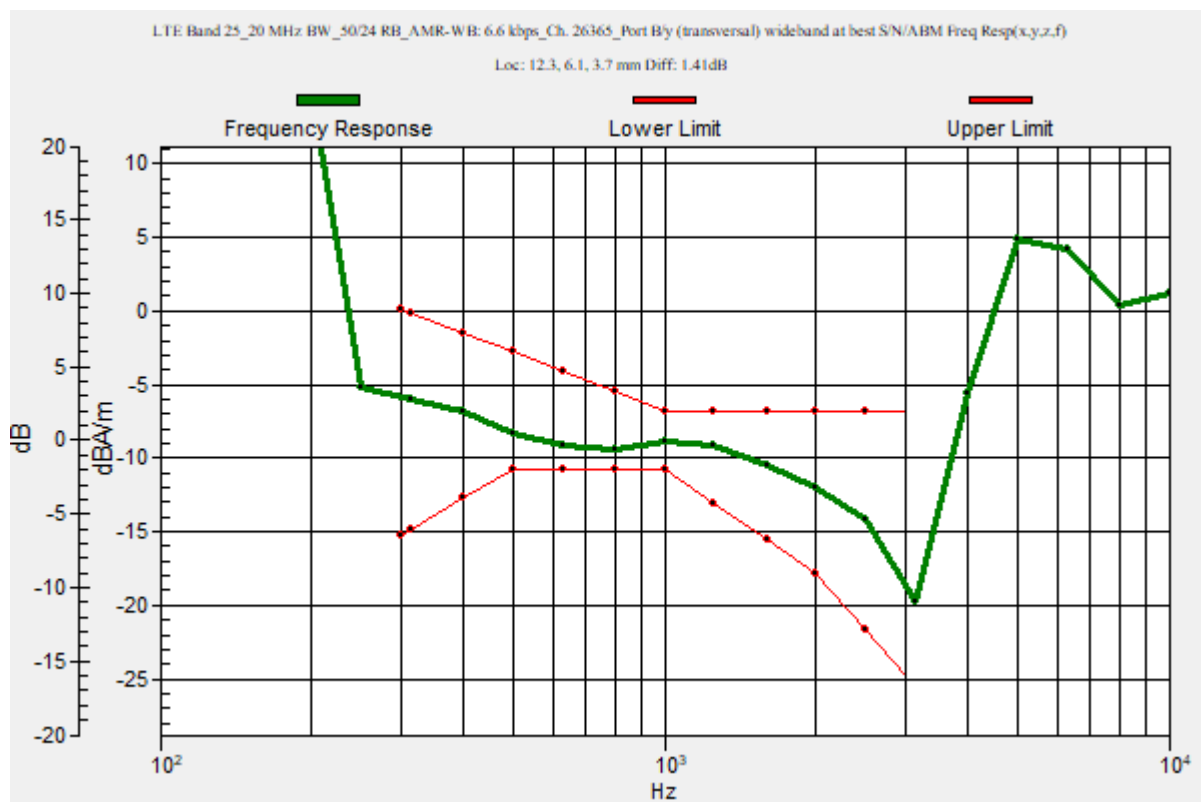
| Category    | Telephone parameters WD signal quality<br>[(signal+noise)-to-noise ratio in decibels] |
|-------------|---------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                               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

### Cursor:

Diff = 1.41 dB

BWC Factor = 10.80 dB

Location: 12.3, 6.1, 3.7 mm



## LTE Band 25

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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\_QPSK\_20 MHz  
BW\_50/24 RB\_AMR-WB: 6.6 kbps\_Ch. 26365\_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

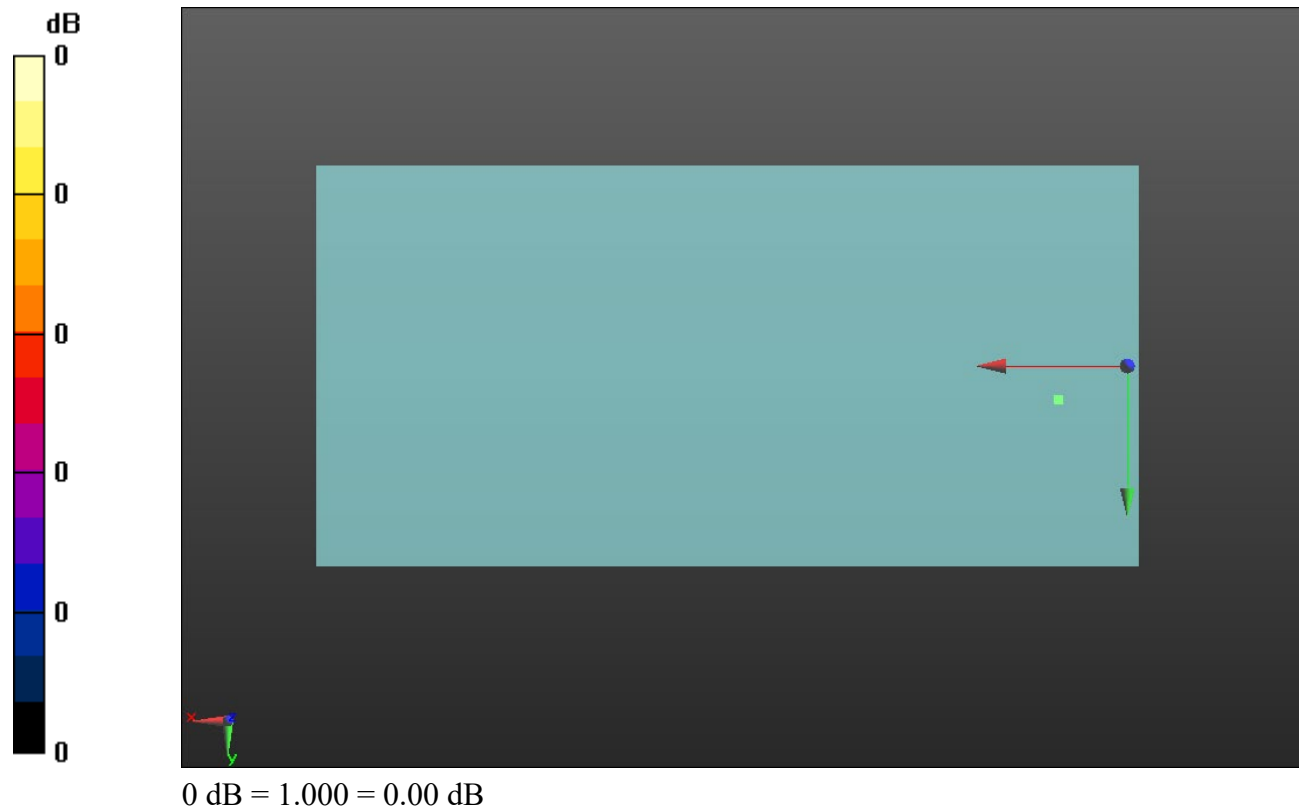
### Cursor:

ABM1/ABM2 = 33.11 dB

ABM1 comp = -9.99 dBA/m

BWC Factor = 0.16 dB

Location: 12.3, 6.1, 3.7 mm



**LTE Band 26**

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 831.5 MHz;Duty Cycle: 1:1

**T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 26\_QPSK\_15 MHz  
BW\_36/20 RB\_AMR-WB: 6.6 kbps\_Ch. 26865\_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

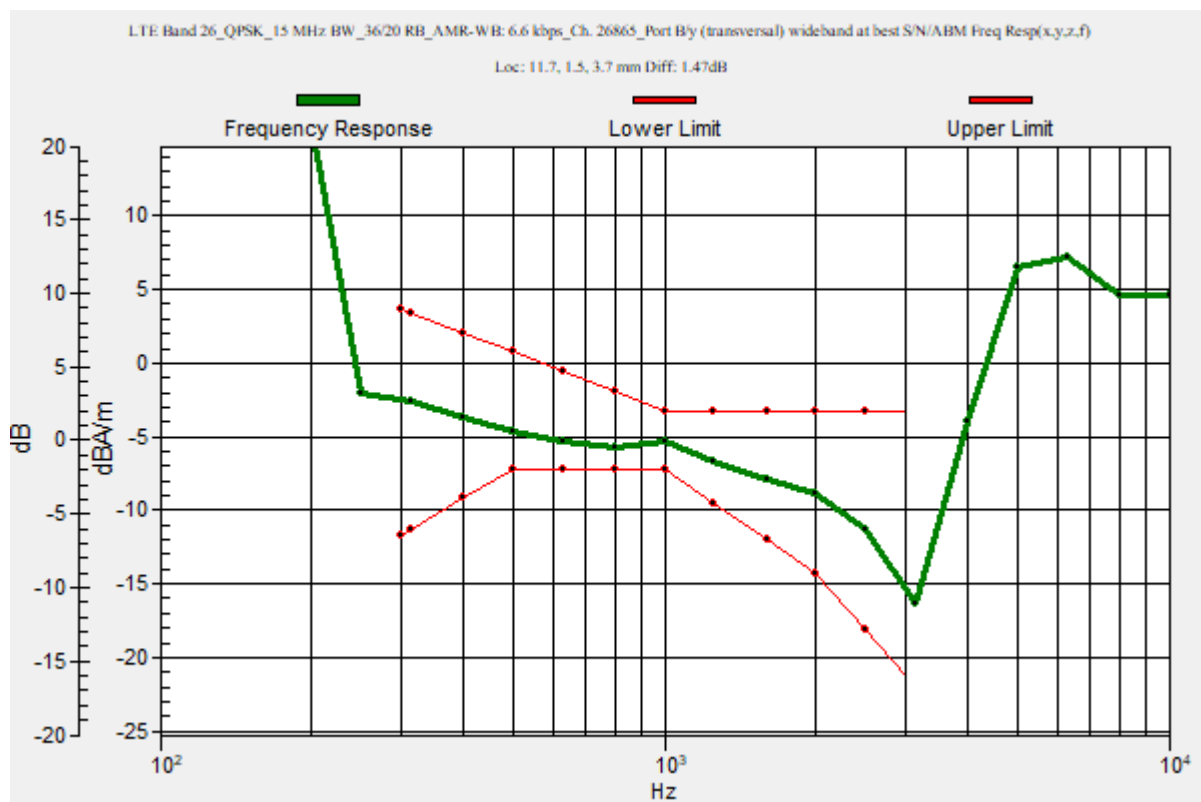
| Category    | Telephone parameters WD signal quality<br>[(signal+noise)-to-noise ratio in decibels] |
|-------------|---------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                         |
| 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: 11.7, 1.5, 3.7 mm



## LTE Band 26

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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\_QPSK\_15 MHz  
BW\_36/20 RB\_AMR-WB: 6.6 kbps\_Ch. 26865\_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

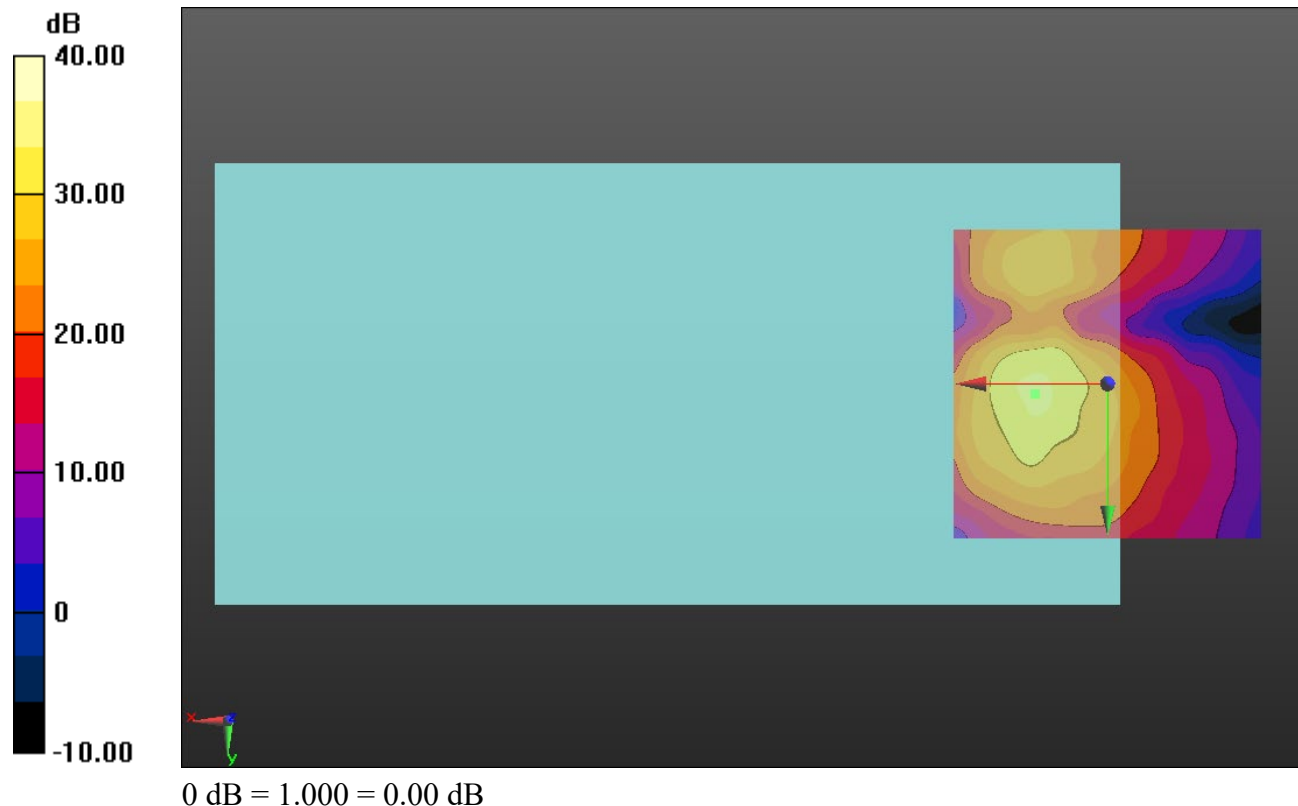
### Cursor:

ABM1/ABM2 = 33.83 dB

ABM1 comp = -6.45 dBA/m

BWC Factor = 0.16 dB

Location: 11.7, 1.7, 3.7 mm



**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\_10 MHz  
BW\_25/12 RB\_AMR-WB: 6.6 kbps\_Ch. 27710\_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

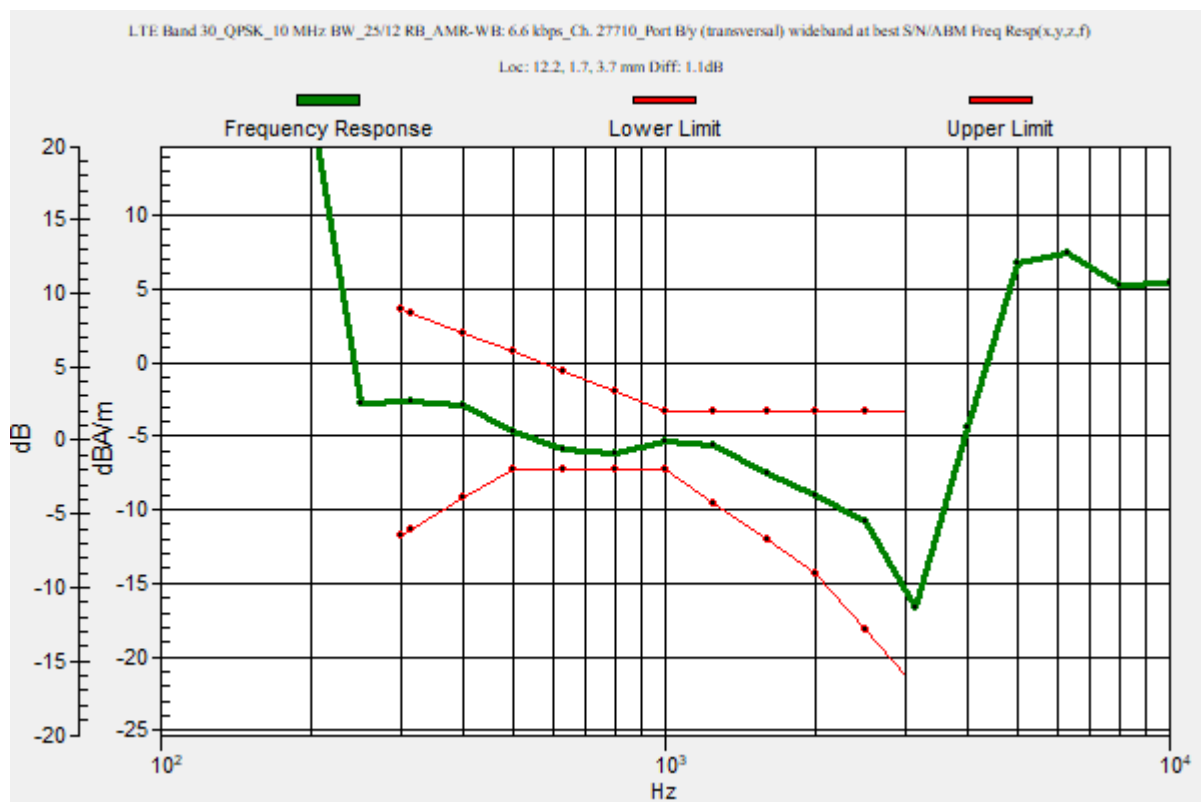
| Category    | Telephone parameters WD signal quality<br>[(signal+noise)-to-noise ratio in decibels] |
|-------------|---------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                               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

**Cursor:**

Diff = 1.10 dB

BWC Factor = 10.80 dB

Location: 12.2, 1.7, 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: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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\_QPSK\_10 MHz  
BW\_25/12 RB\_AMR-WB: 6.6 kbps\_Ch. 27710\_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

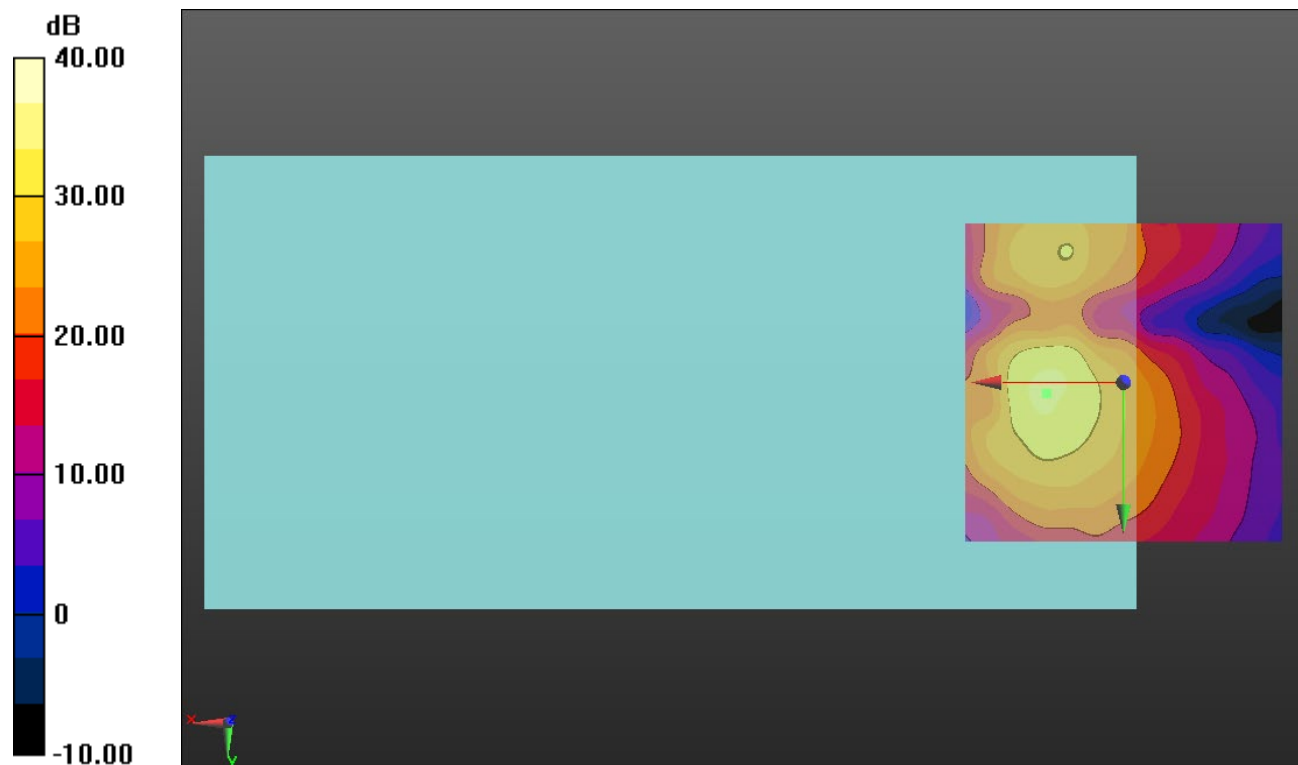
### Cursor:

ABM1/ABM2 = 33.95 dB

ABM1 comp = -6.60 dBA/m

BWC Factor = 0.16 dB

Location: 12.1, 1.7, 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\_20 MHz BW\_1/0 RB\_AMR-WB: 6.6 kbps\_Ch. 40620\_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

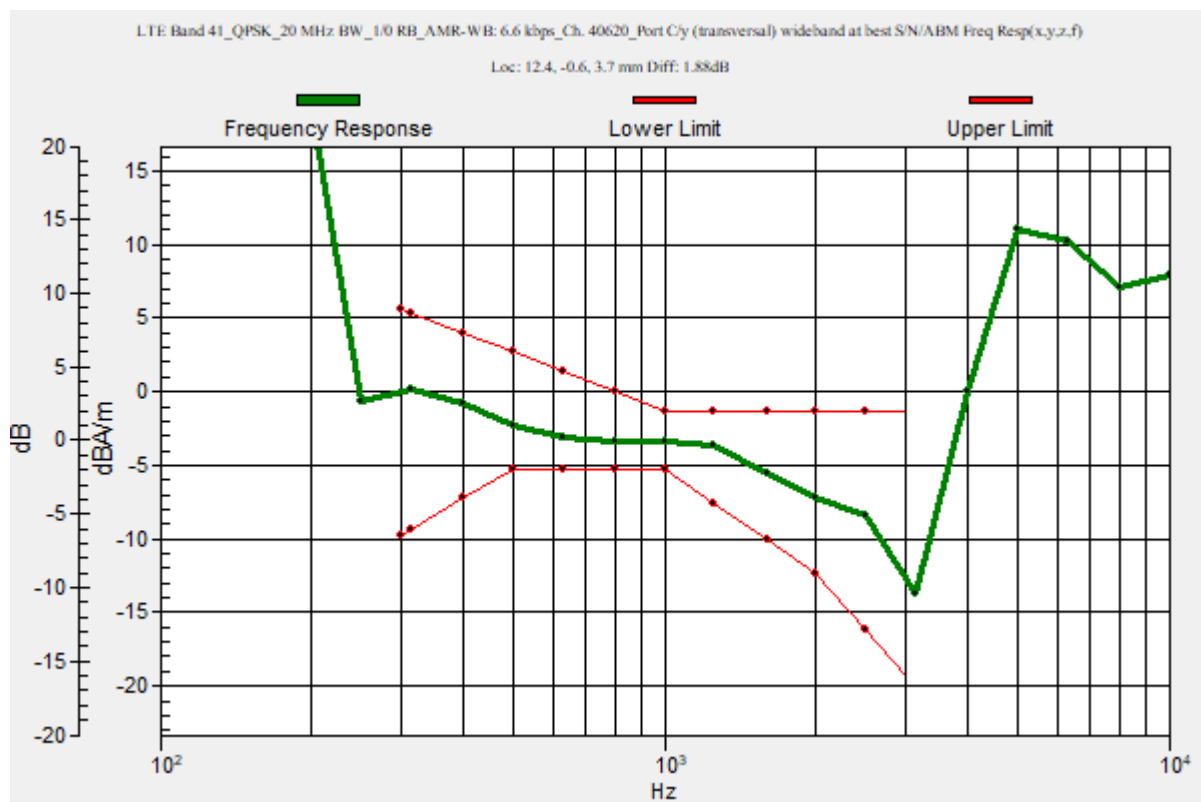
| Category    | Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels] |
|-------------|------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                     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

**Cursor:**

Diff = 1.88 dB

BWC Factor = 10.80 dB

Location: 12.4, -0.6, 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 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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\_QPSK\_20 MHz BW\_1/0 RB\_AMR-WB: 6.6 kbps\_Ch. 40620\_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

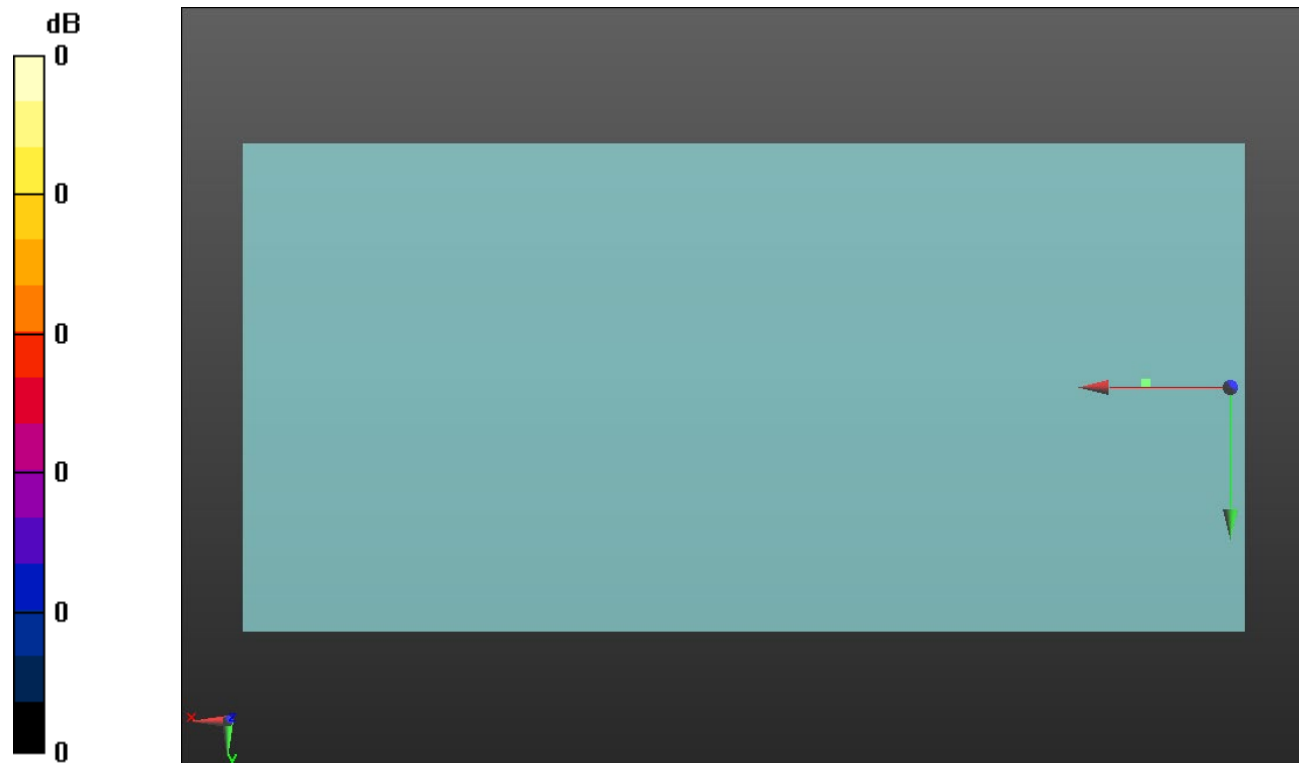
#### Cursor:

ABM1/ABM2 = 36.49 dB

ABM1 comp = -4.15 dBA/m

BWC Factor = 0.16 dB

Location: 12.4, -0.6, 3.7 mm



## 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\_20 MHz BW\_1/0 RB\_AMR-WB: 6.6 kbps\_Ch. 55990\_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

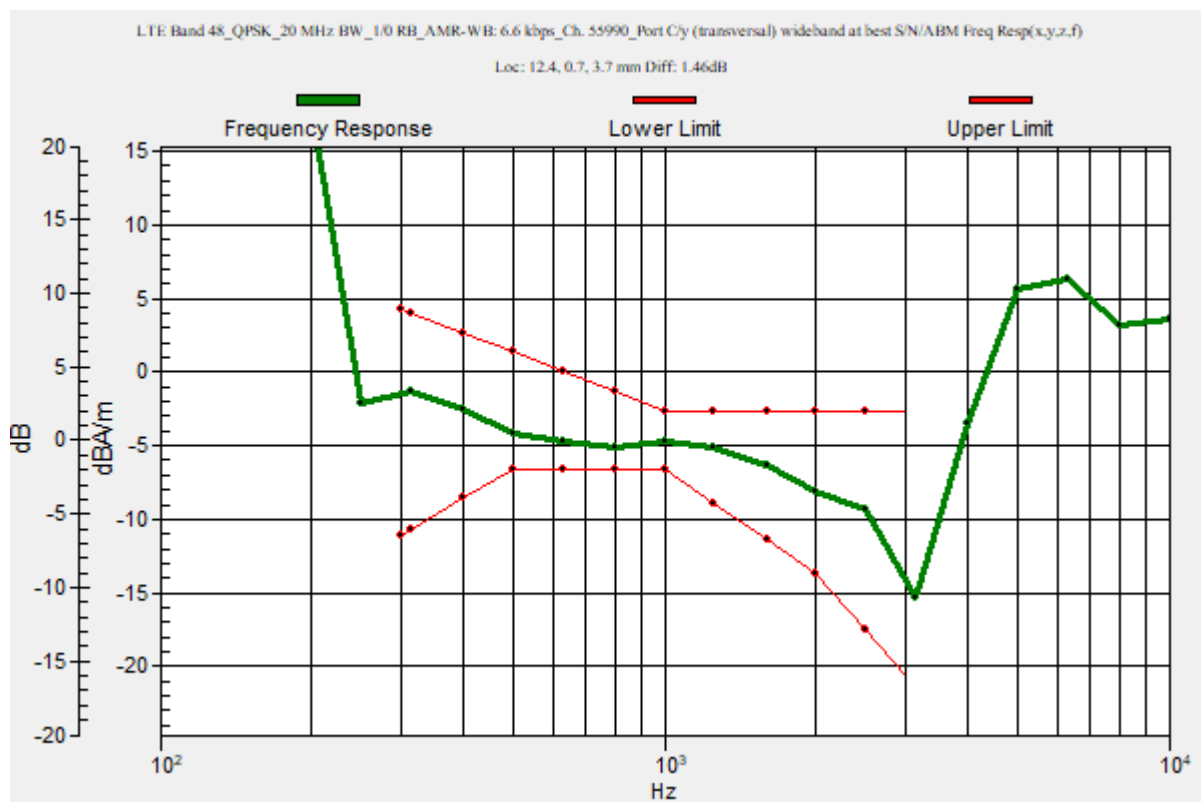
| Category    | Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels] |
|-------------|------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                     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

**Cursor:**

Diff = 1.46 dB

BWC Factor = 10.80 dB

Location: 12.4, 0.7, 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 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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\_QPSK\_20 MHz  
BW\_1/0 RB\_AMR-WB: 6.6 kbps\_Ch. 55990\_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

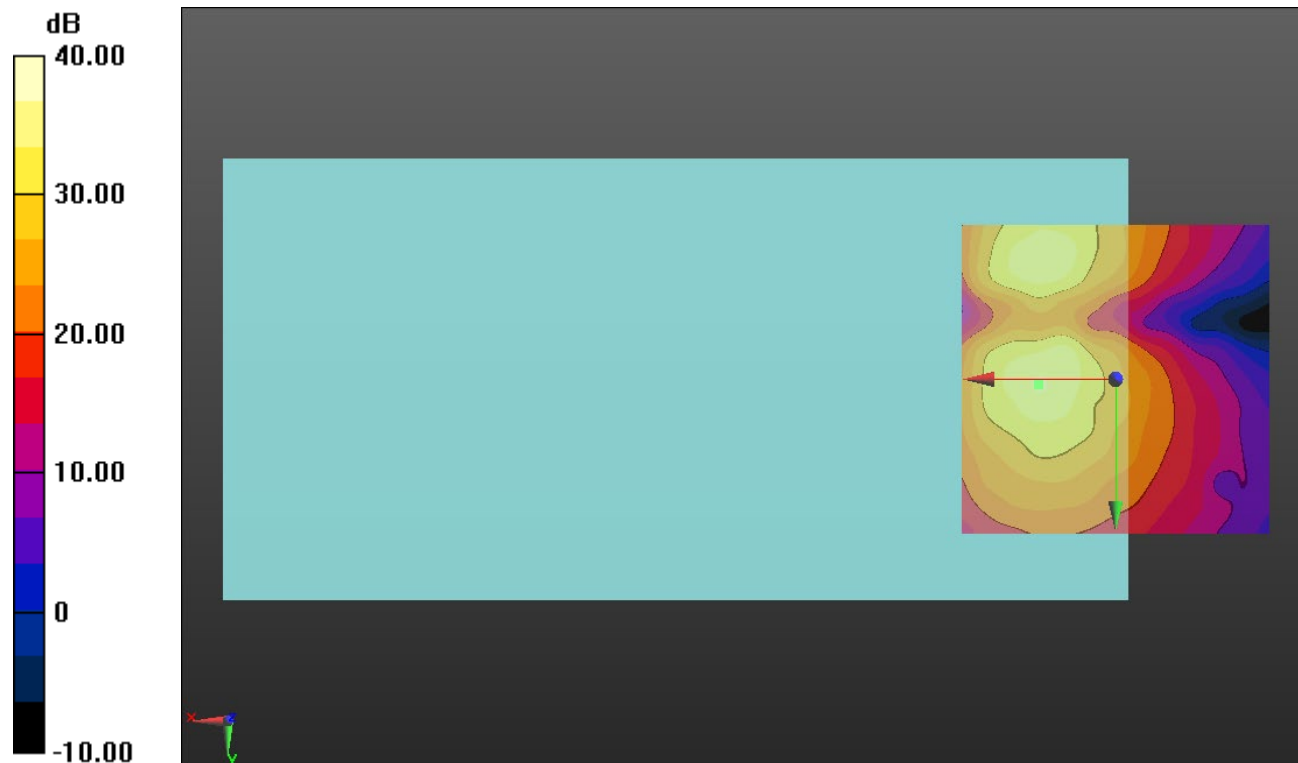
### Cursor:

ABM1/ABM2 = 36.94 dB

ABM1 comp = -5.09 dBA/m

BWC Factor = 0.16 dB

Location: 12.5, 0.8, 3.7 mm



**LTE Band 66**

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 66\_QPSK\_20 MHz  
BW\_50/24 RB\_AMR-WB: 6.6 kbps\_Ch. 132322\_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

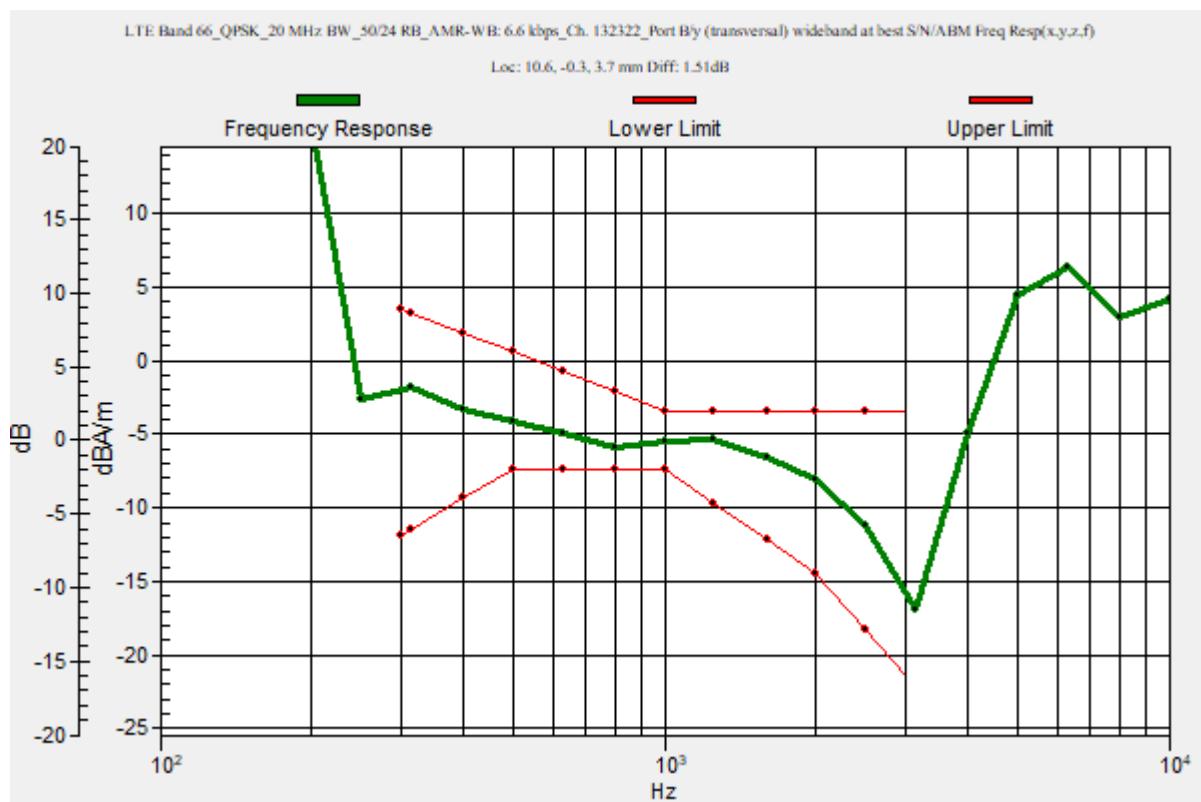
| Category    | Telephone parameters WD signal quality<br>[(signal+noise)-to-noise ratio in decibels] |
|-------------|---------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                         |
| 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: 10.6, -0.3, 3.7 mm



## LTE Band 66

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: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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\_QPSK\_20 MHz  
BW\_50/24 RB\_AMR-WB: 6.6 kbps\_Ch. 132322\_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

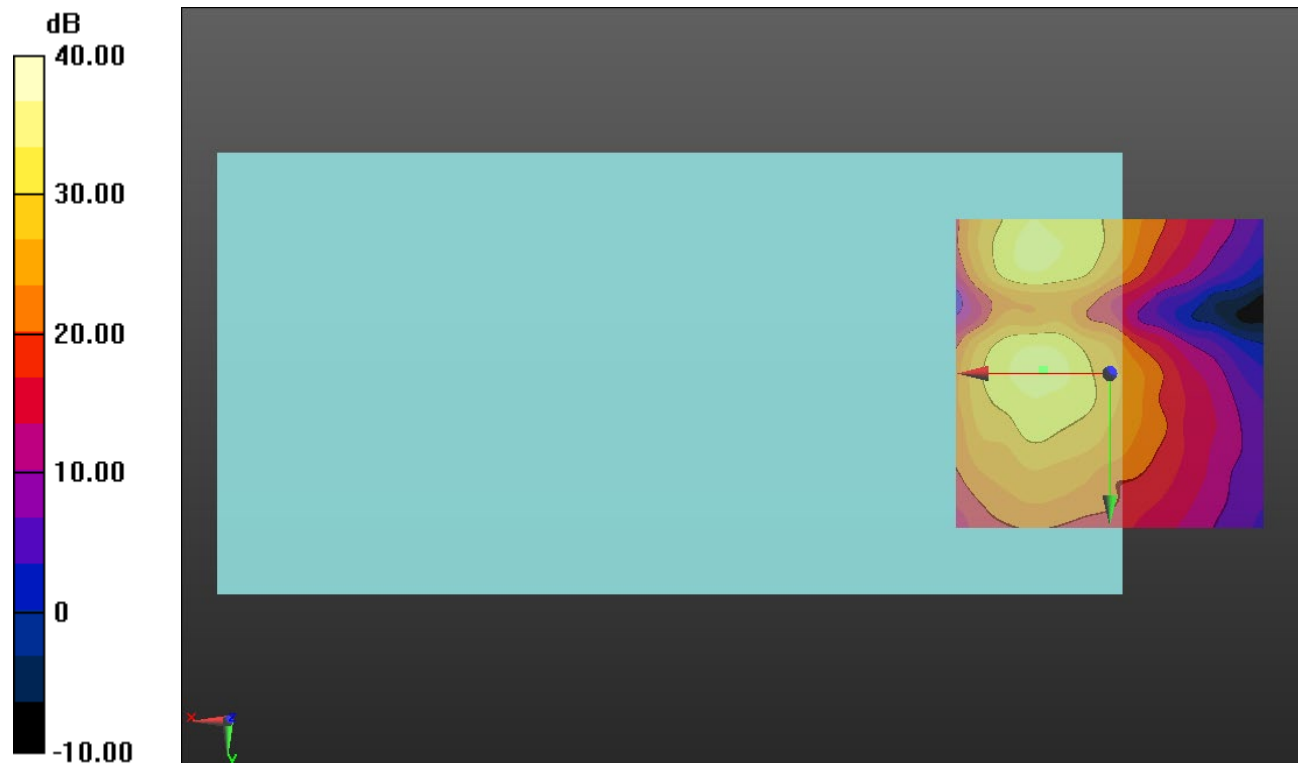
### Cursor:

ABM1/ABM2 = 35.03 dB

ABM1 comp = -6.25 dBA/m

BWC Factor = 0.16 dB

Location: 10.8, -0.4, 3.7 mm



0 dB = 1.000 = 0.00 dB

## LTE Band 71

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 680.5 MHz;Duty Cycle: 1:1

**T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 71\_QPSK\_20 MHz  
BW\_50/24 RB\_AMR-WB: 6.6 kbps\_Ch. 1333297\_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

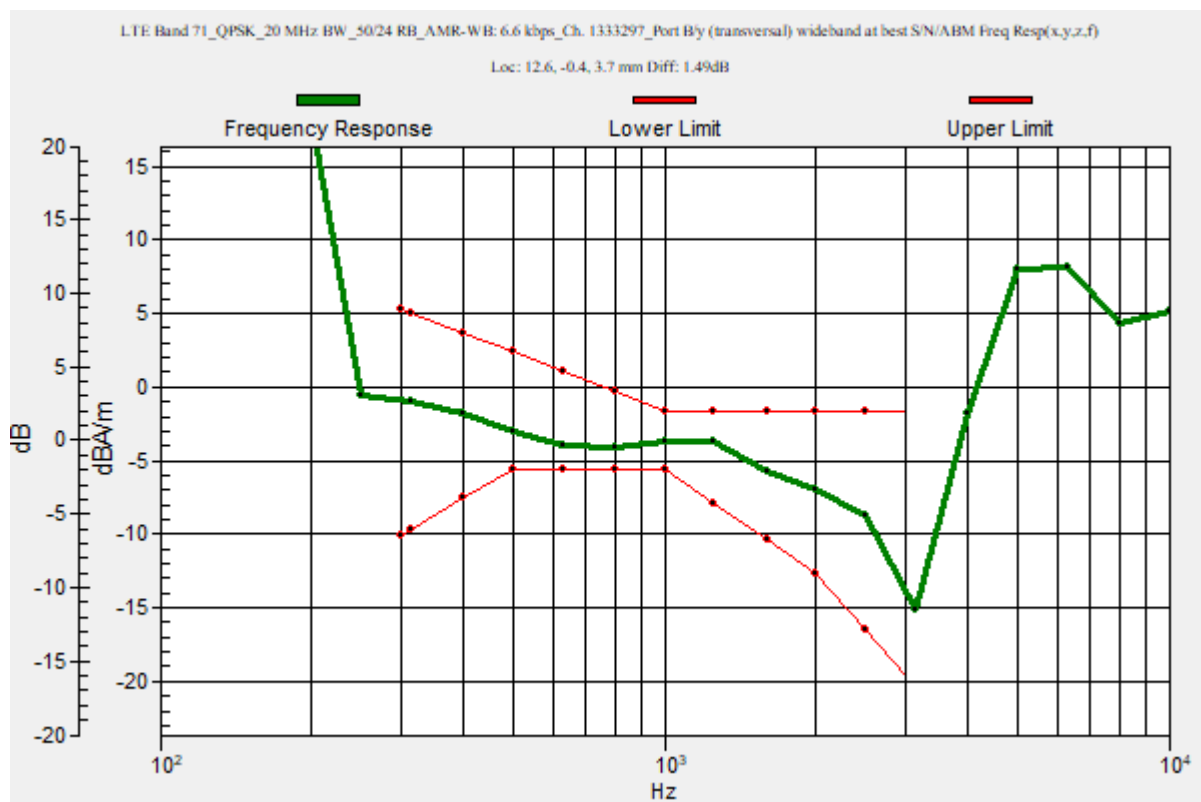
| Category    | Telephone parameters WD signal quality<br>[(signal+noise)-to-noise ratio in decibels] |
|-------------|---------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                         |
| 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: 12.6, -0.4, 3.7 mm



## LTE Band 71

Communication System: UID 0, 1@LTE (FDD) (0); Frequency: 680.5 MHz; Duty Cycle: 1:1

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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 71\_QPSK\_20 MHz  
BW\_50/24 RB\_AMR-WB: 6.6 kbps\_Ch. 1333297\_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

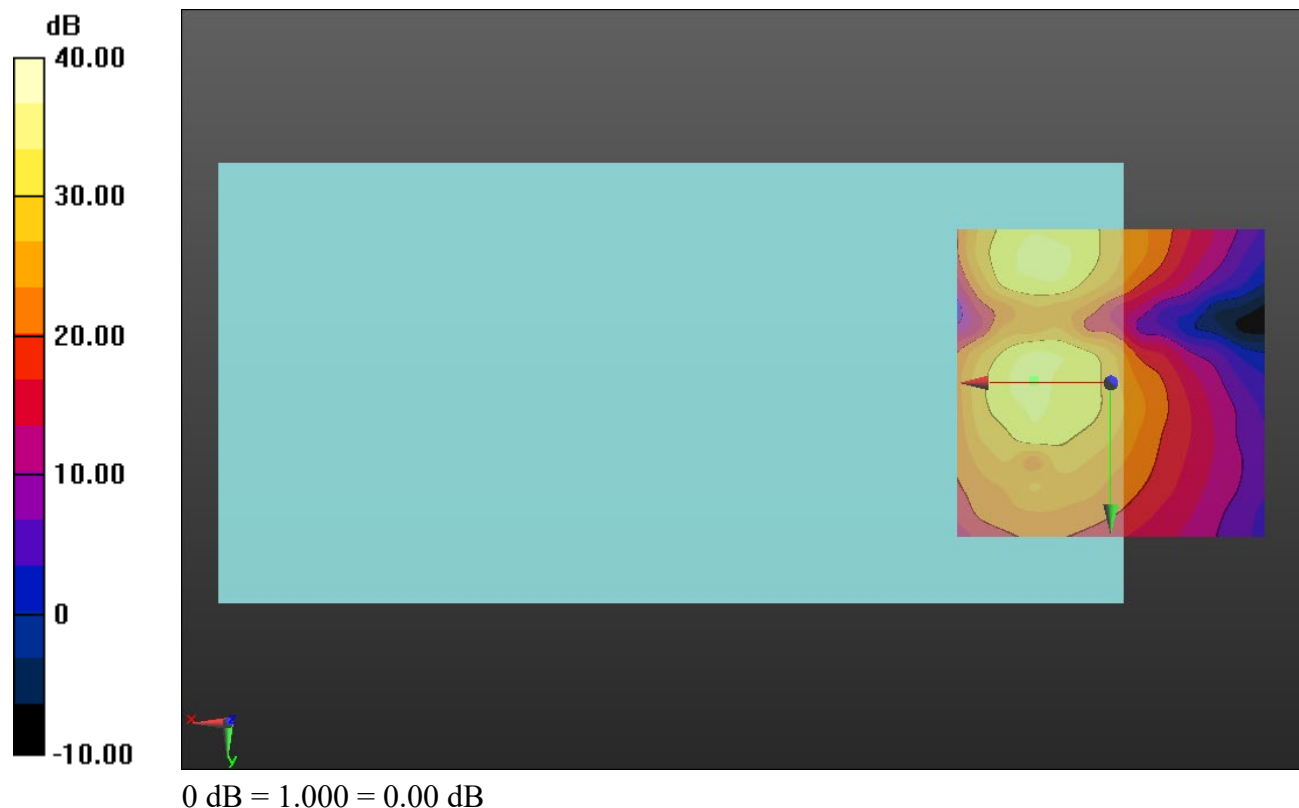
### Cursor:

ABM1/ABM2 = 35.98 dB

ABM1 comp = -5.14 dBA/m

BWC Factor = 0.16 dB

Location: 12.5, -0.4, 3.7 mm



**Wi-Fi 2.4GHz**

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)/802.11ax\_20 MHz BW\_MCS0 7.3 Mbps\_Ch 6\_AMR-WB: 23.85 kbps\_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

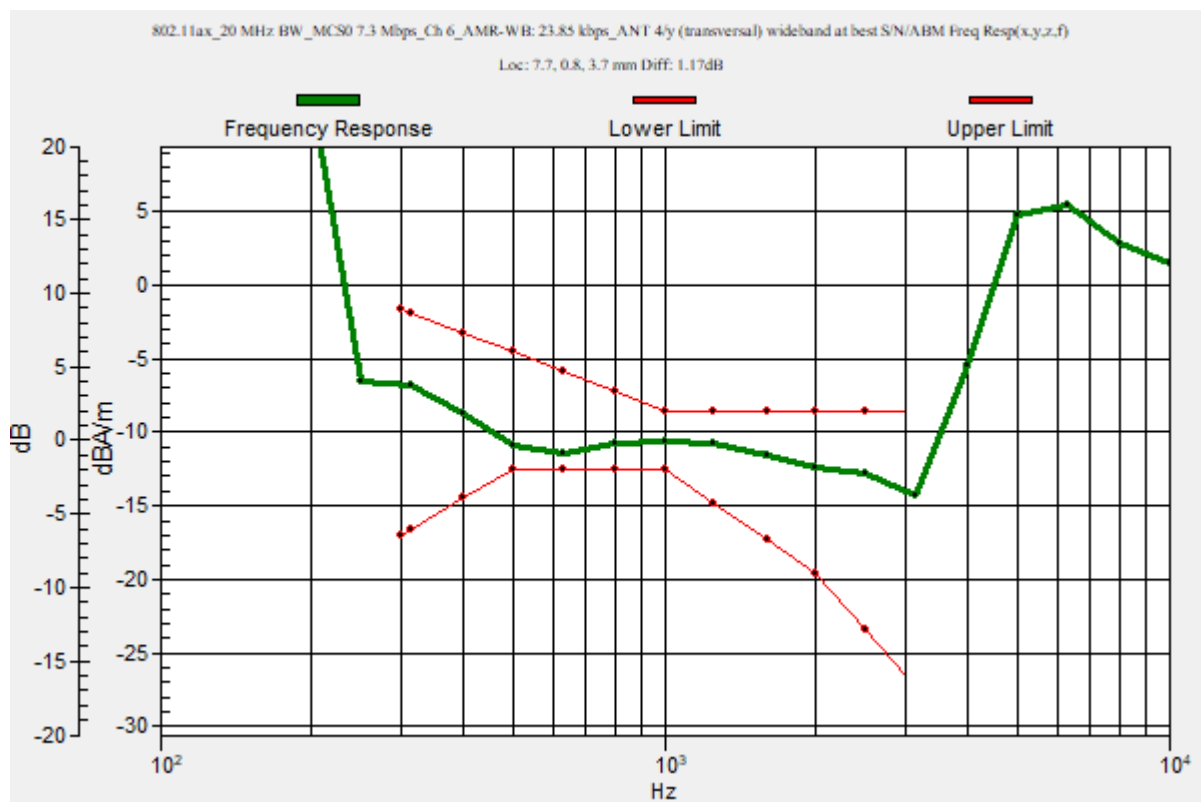
| Category    | Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels] |
|-------------|------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                     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

**Cursor:**

Diff = 1.17 dB

BWC Factor = 10.80 dB

Location: 7.7, 0.8, 3.7 mm



## Wi-Fi 2.4GHz

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: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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 BW\_MCS0 7.3 Mbps\_Ch 6\_AMR-WB: 23.85 kbps\_ANT 4/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

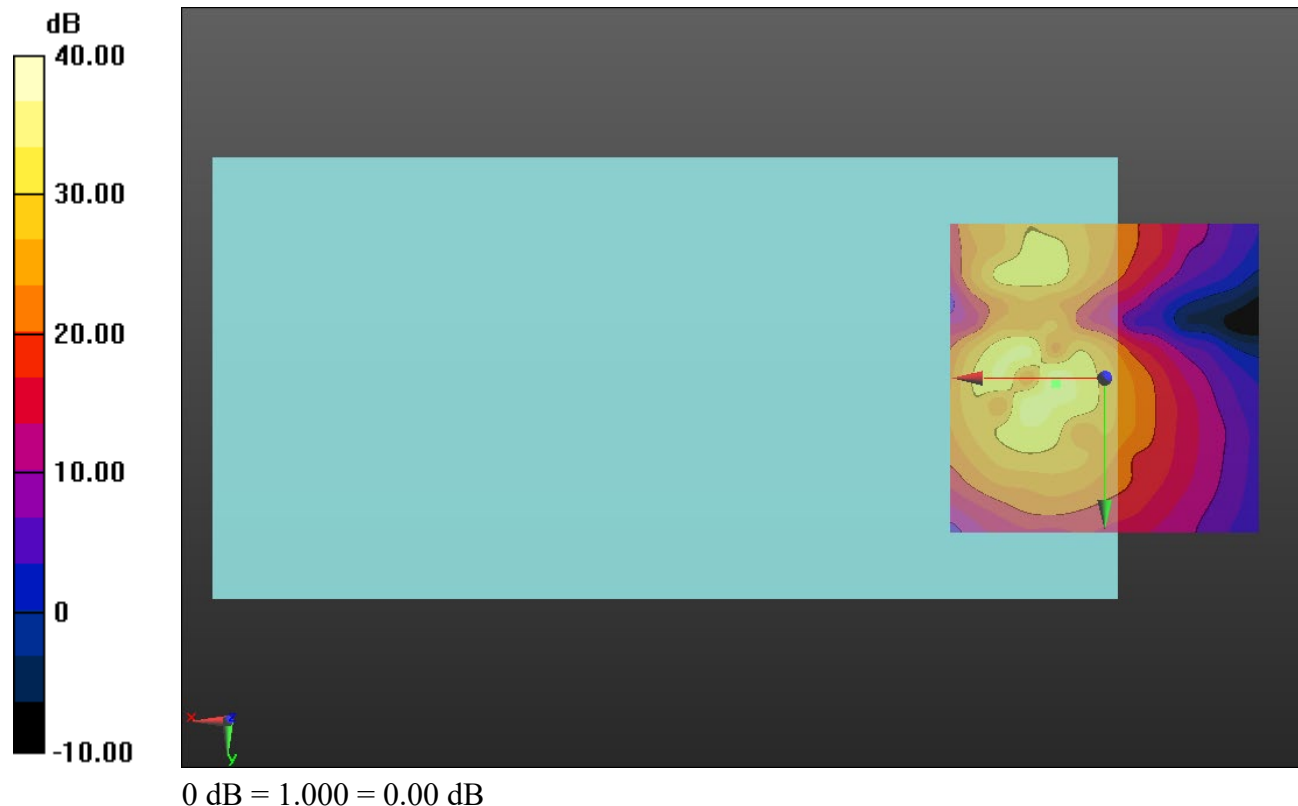
### Cursor:

ABM1/ABM2 = 35.36 dB

ABM1 comp = -10.07 dBA/m

BWC Factor = 0.16 dB

Location: 7.9, 0.8, 3.7 mm



## Wi-Fi 5GHz

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

**T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11ax HE80\_80 MHz BW\_MCS0 36 Mbps\_Ch 42\_AMR-WB: 6.6 kbps\_ANT 5/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

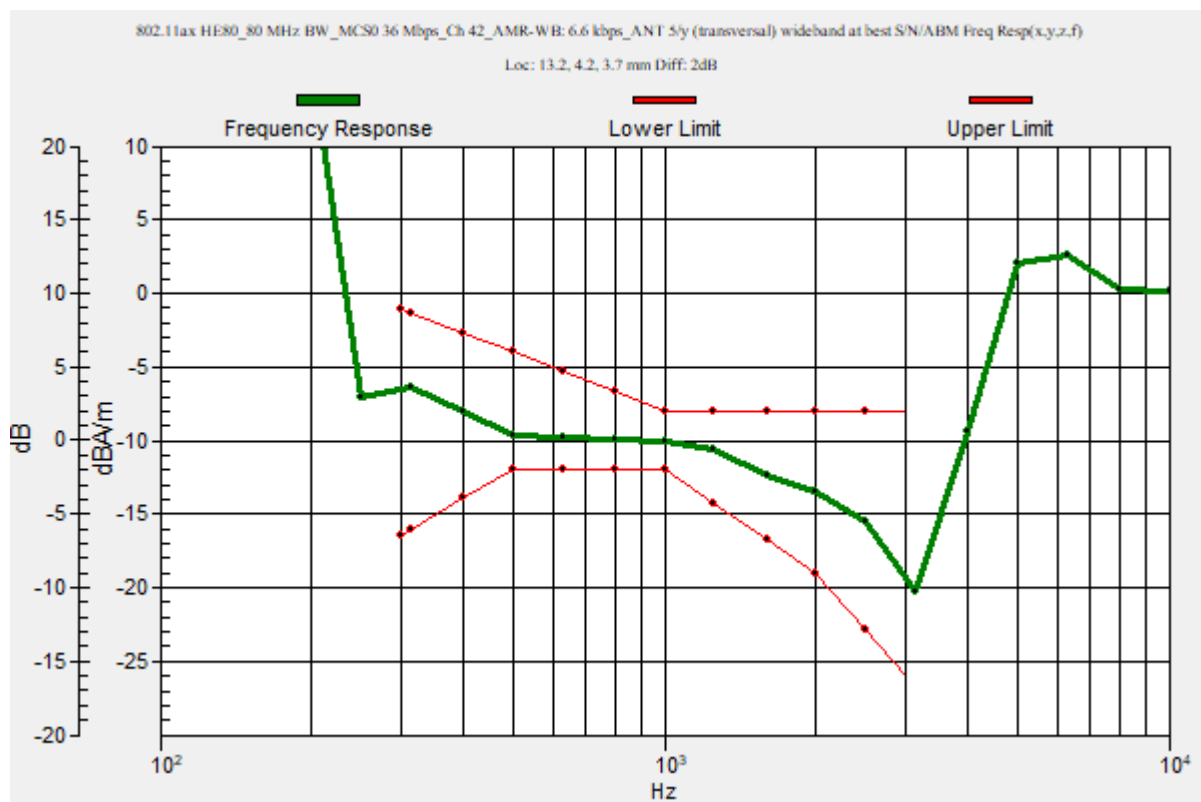
| Category    | Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels] |
|-------------|------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                      |
| 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: 13.2, 4.2, 3.7 mm



## Wi-Fi 5GHz

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

Phantom section: TCoil Section

DASY5 Configuration:

- Probe: AM1DV3 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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 HE80\_80 MHz BW\_MCS0  
36 Mbps\_Ch 42\_AMR-WB: 6.6 kbps\_ANT 5/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

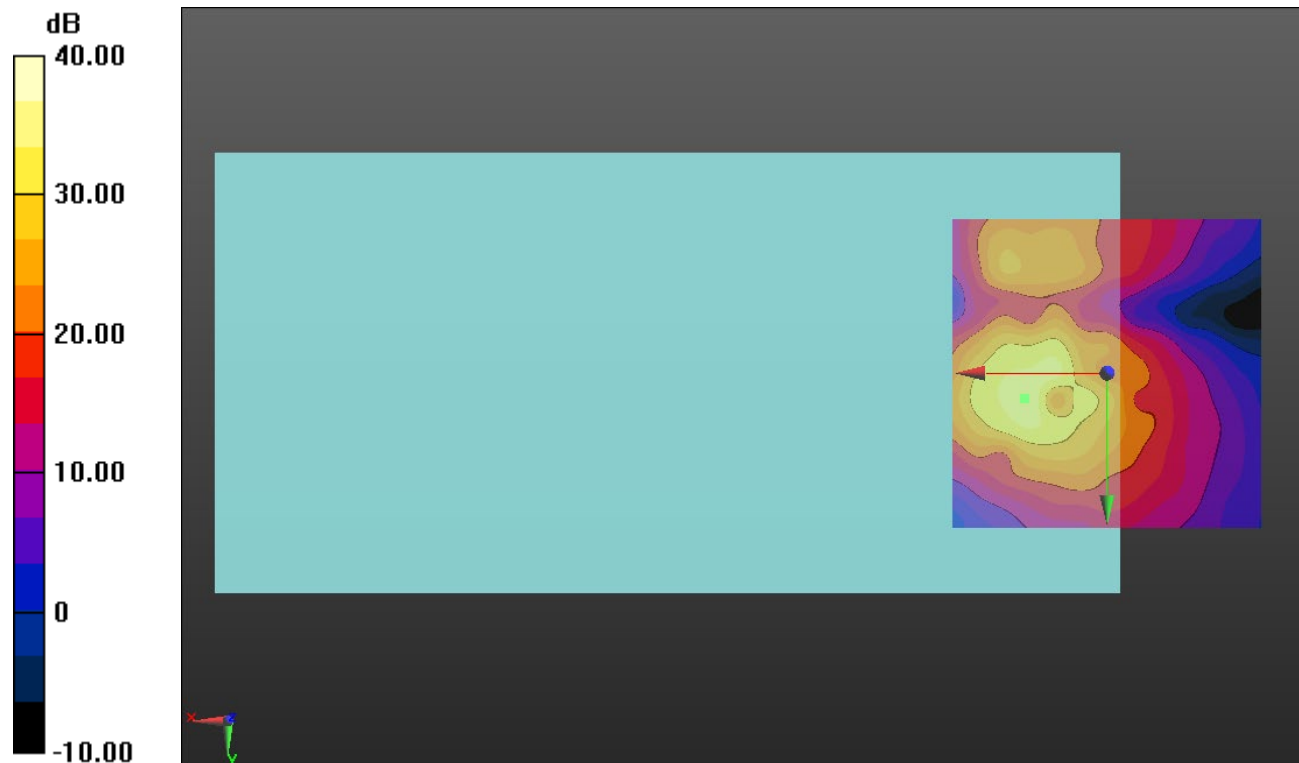
### Cursor:

ABM1/ABM2 = 35.74 dB

ABM1 comp = -11.19 dBA/m

BWC Factor = 0.16 dB

Location: 13.3, 4.2, 3.7 mm



0 dB = 1.000 = 0.00 dB

**Wi-Fi 5GHz**

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 HE80\_80 MHz BW\_MCS0 36 Mbps\_Ch 58\_AMR-WB: 6.6 kbps\_ANT 5/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

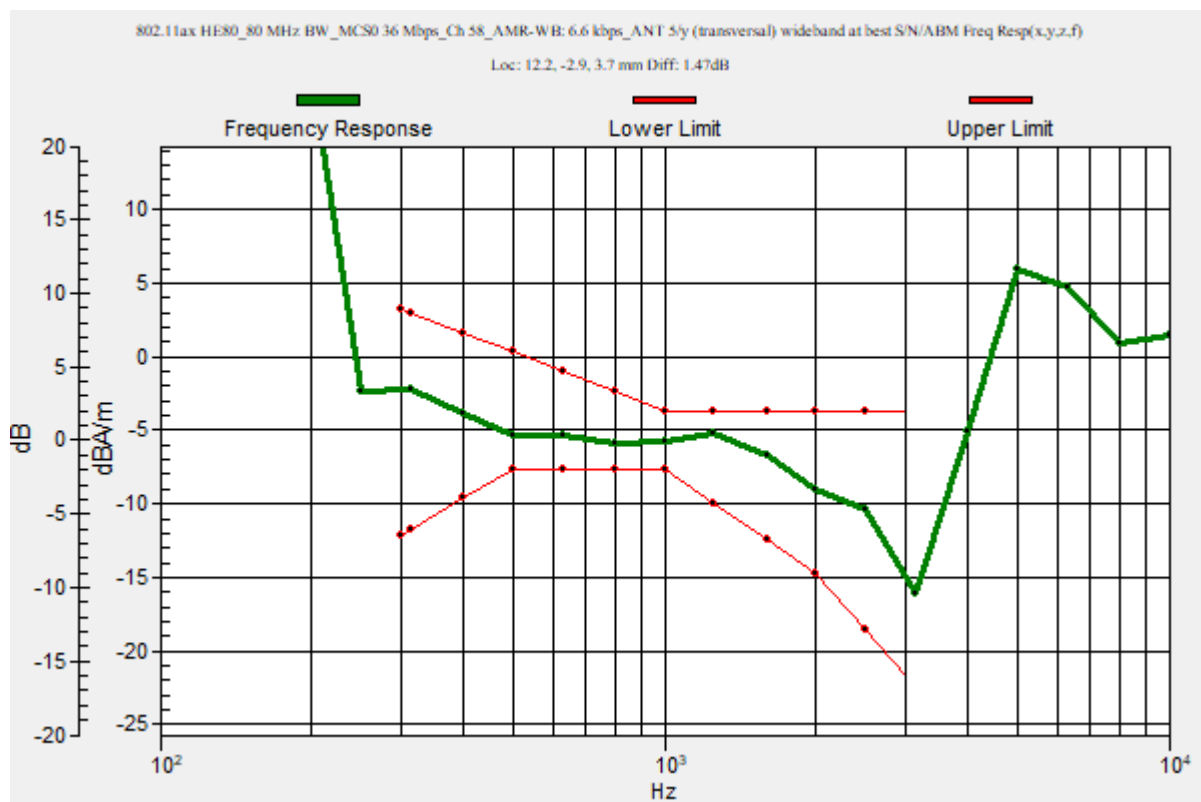
| Category    | Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels] |
|-------------|------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                     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

**Cursor:**

Diff = 1.47 dB

BWC Factor = 10.80 dB

Location: 12.2, -2.9, 3.7 mm



## Wi-Fi 5GHz

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 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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 HE80\_80 MHz BW\_MCS0  
36 Mbps\_Ch 58\_AMR-WB: 6.6 kbps\_ANT 5/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

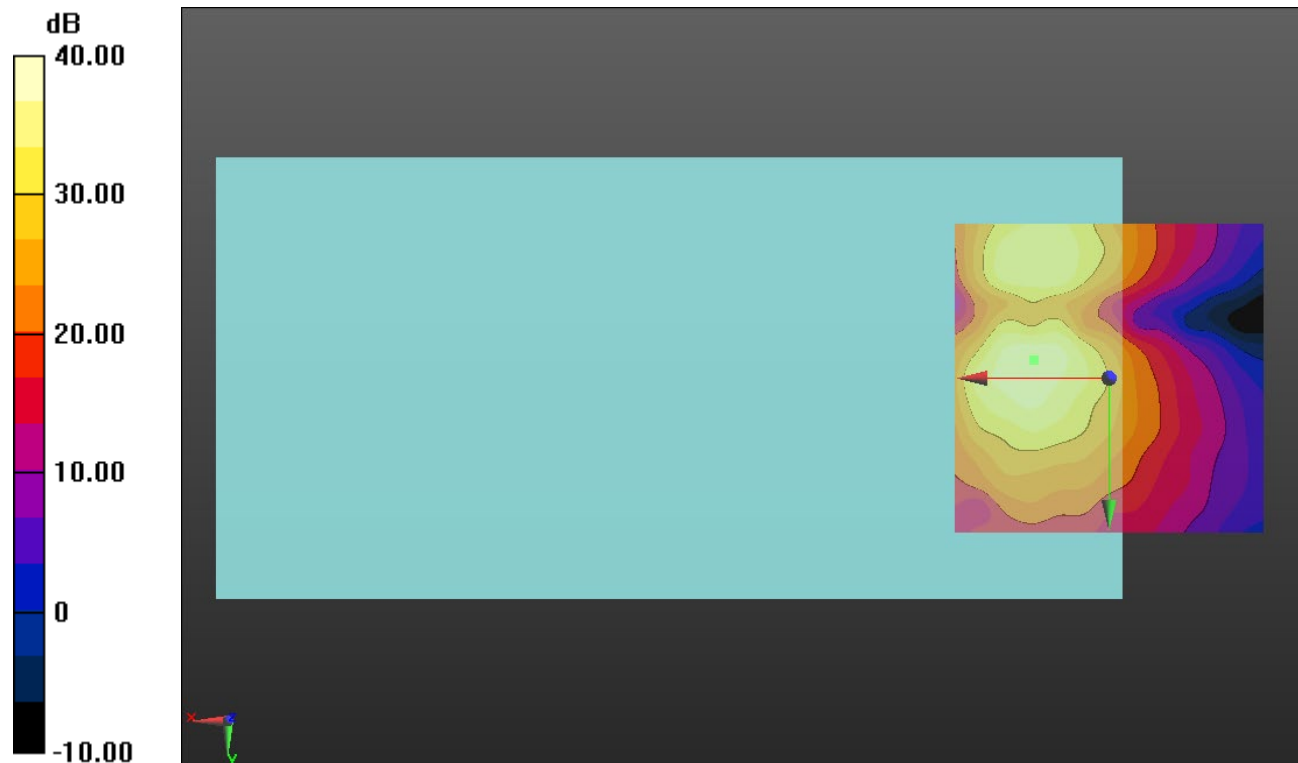
### Cursor:

ABM1/ABM2 = 38.65 dB

ABM1 comp = -6.79 dBA/m

BWC Factor = 0.16 dB

Location: 12.1, -2.9, 3.7 mm



0 dB = 1.000 = 0.00 dB

## Wi-Fi 5GHz

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 HE80\_80 MHz BW\_MCS0 36 Mbps\_Ch 106\_AMR-WB: 6.6 kbps\_ANT 5/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

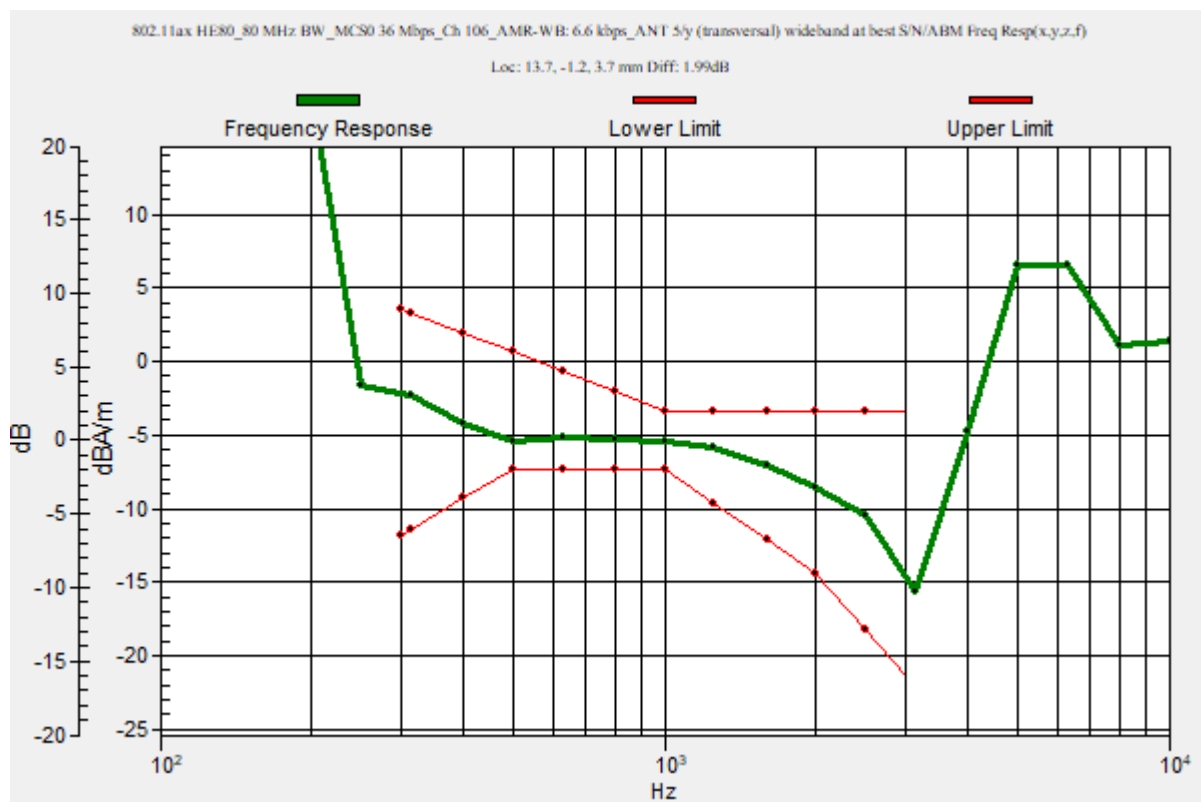
| Category    | Telephone parameters WD signal quality<br>[(signal+noise)-to-noise ratio in decibels] |
|-------------|---------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                         |
| 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: 13.7, -1.2, 3.7 mm



## Wi-Fi 5GHz

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 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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 HE80\_80 MHz BW\_MCS0  
36 Mbps\_Ch 106\_AMR-WB: 6.6 kbps\_ANT 5/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

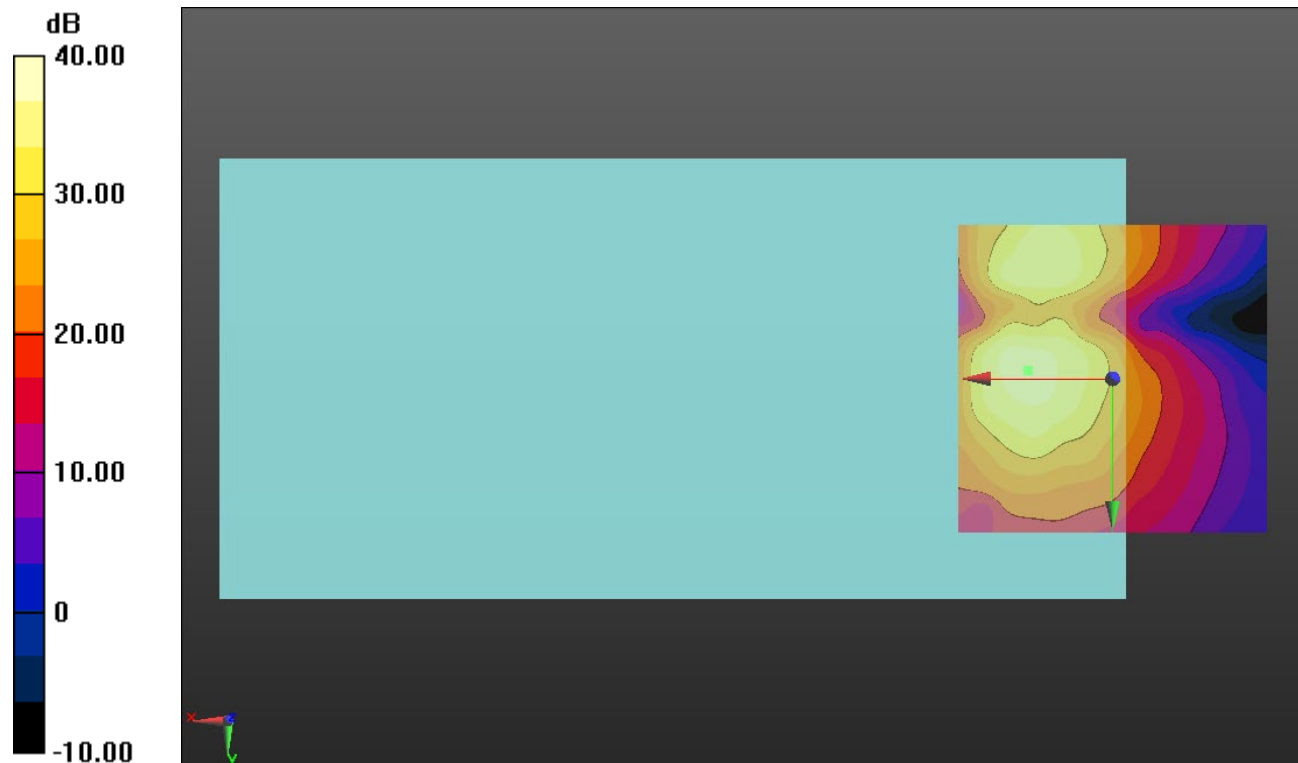
### Cursor:

ABM1/ABM2 = 38.35 dB

ABM1 comp = -6.88 dBA/m

BWC Factor = 0.16 dB

Location: 13.8, -1.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

## Wi-Fi 5GHz

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 HE80\_80 MHz BW\_MCS0 36 Mbps\_Ch 155\_AMR-WB: 6.6 kbps\_ANT 5/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

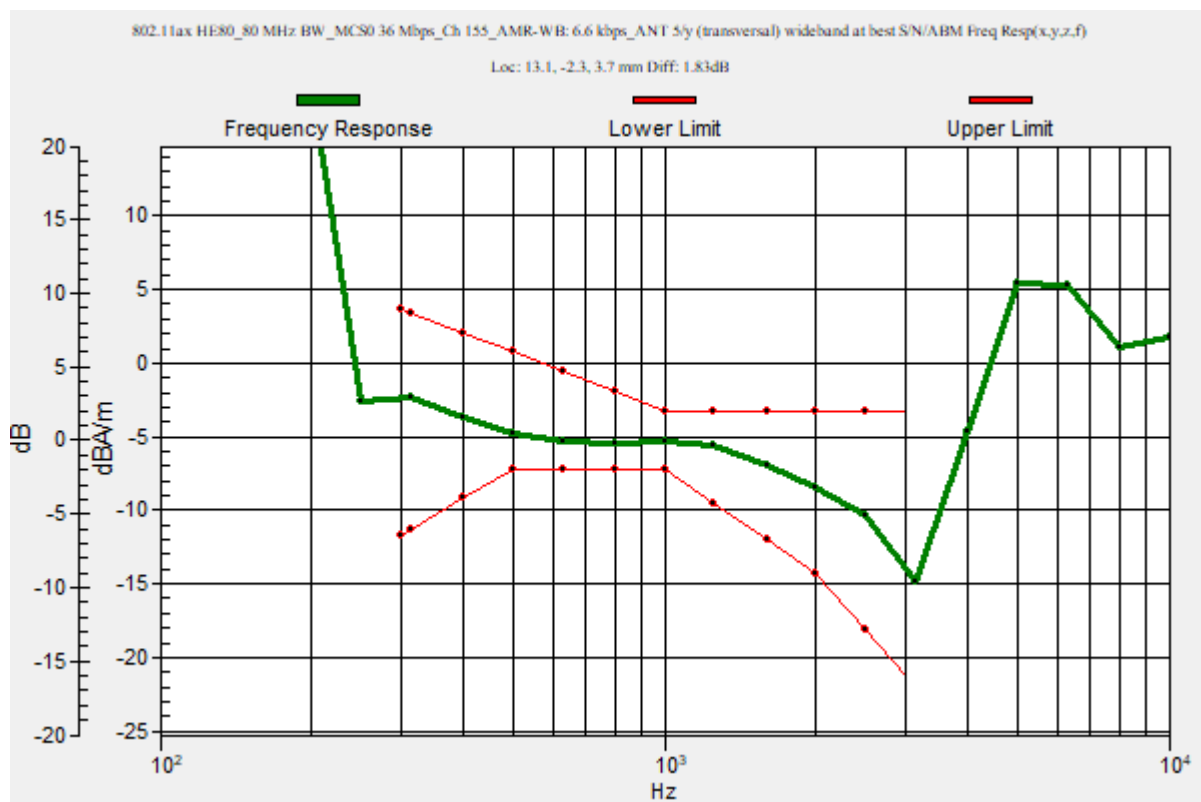
| Category    | Telephone parameters WD signal quality [(signal+noise)-to-noise ratio in decibels] |
|-------------|------------------------------------------------------------------------------------|
| Category T1 | 0 dB to 10 dB                                                                     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

#### Cursor:

Diff = 1.83 dB

BWC Factor = 10.80 dB

Location: 13.1, -2.3, 3.7 mm



## Wi-Fi 5GHz

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 - 3083; ; Calibrated: 1/29/2021
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1257; Calibrated: 9/10/2020
- 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 HE80\_80 MHz BW\_MCS0  
36 Mbps\_Ch 155\_AMR-WB: 6.6 kbps\_ANT 5/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

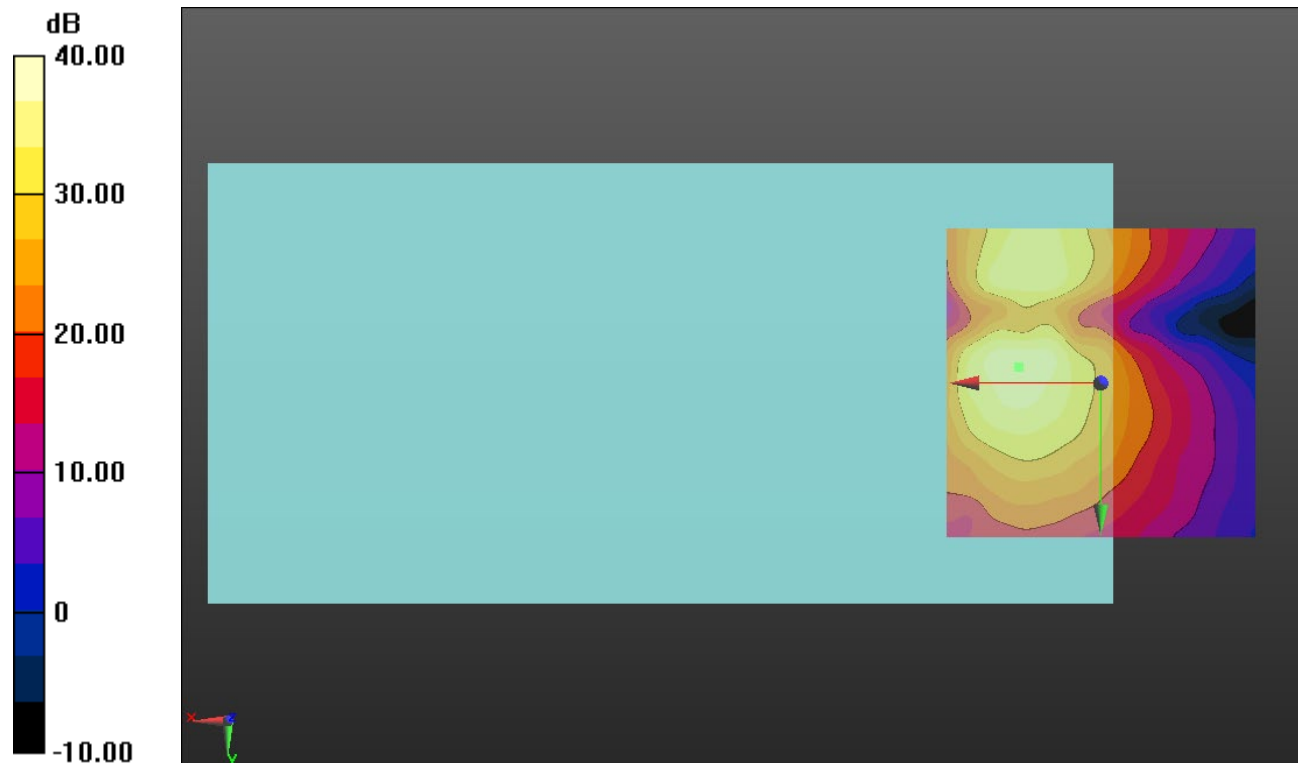
### Cursor:

ABM1/ABM2 = 38.77 dB

ABM1 comp = -6.23 dBA/m

BWC Factor = 0.16 dB

Location: 13.3, -2.5, 3.7 mm



0 dB = 1.000 = 0.00 dB