GSM

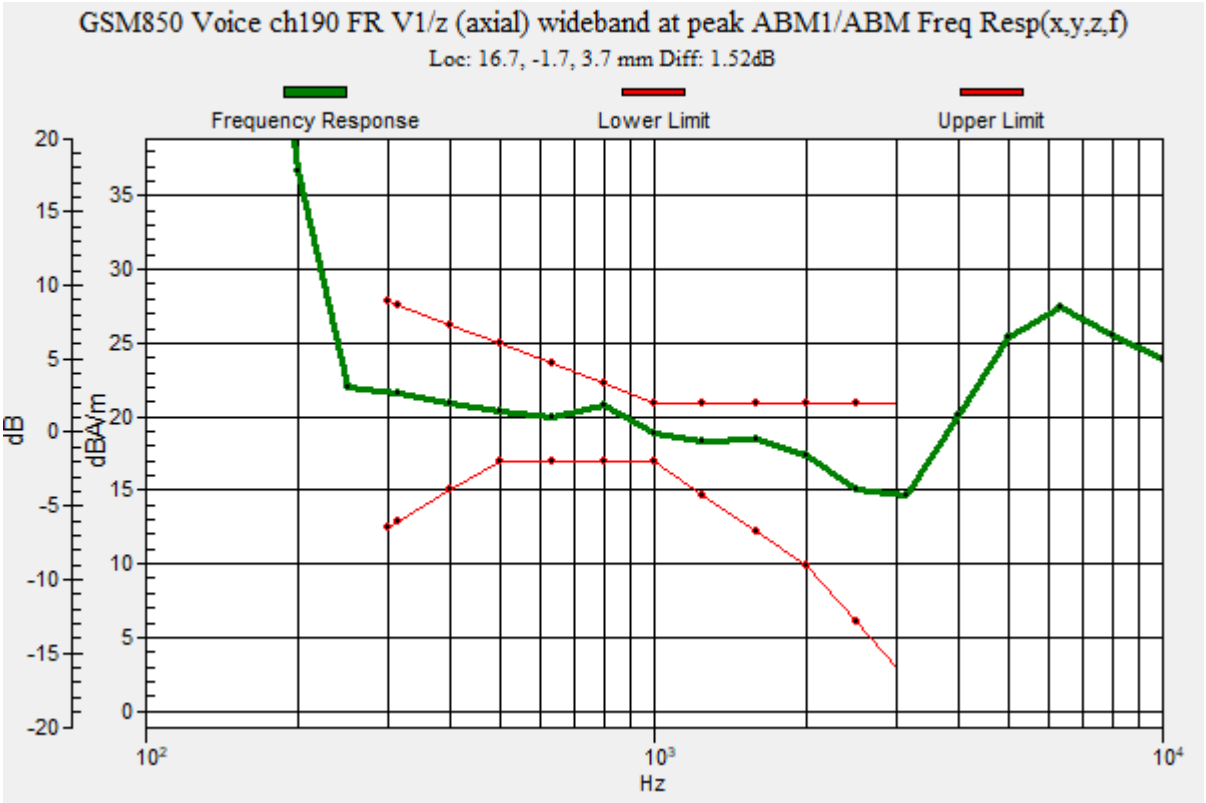
Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.30042

T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM850 Voice ch190 FR V1/z (axial) wideband at peak ABM1/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: 47.1
Measure Window Start: 500ms
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: 16.7, -1.7, 3.7 mm



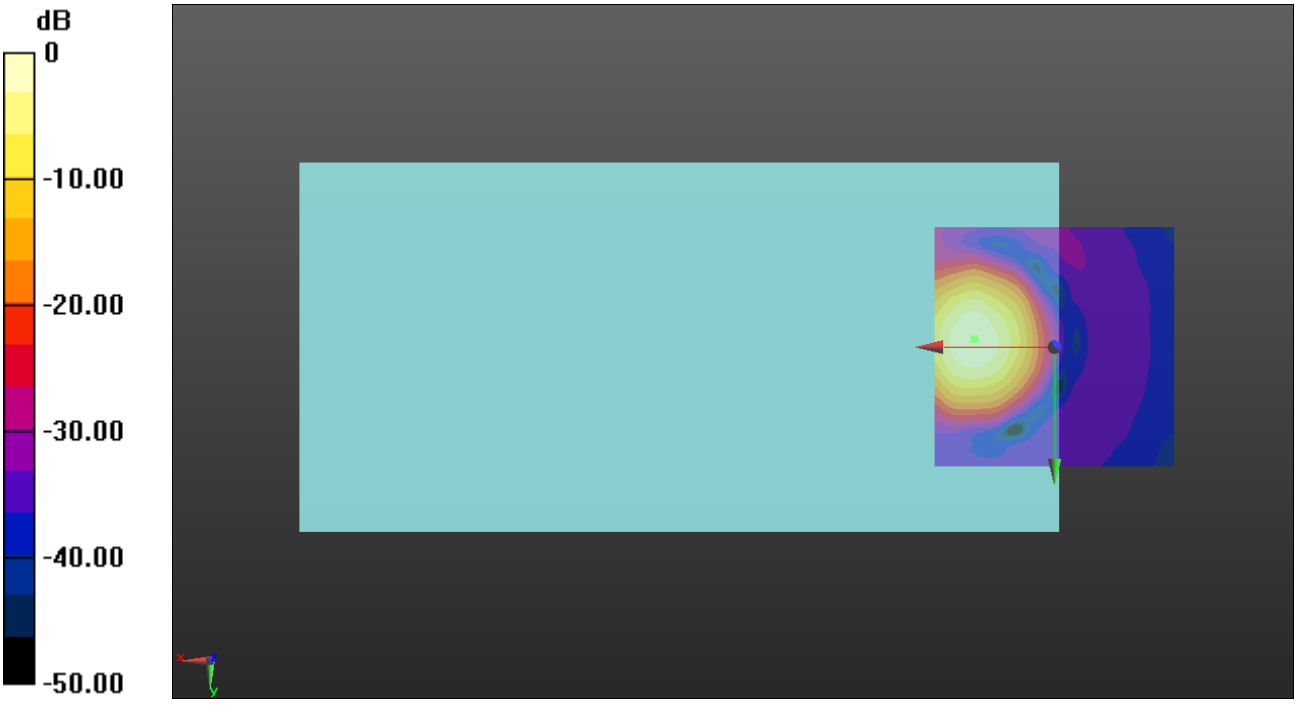
GSM

Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/GSM850 Voice ch190 FR V1/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
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 = 20.55 dBA/m
ABM2 = -17.93 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -1.7, 3.7 mm



0 dB = 10.65 A/m = 20.55 dBA/m

GSM

Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/GSM850 Voice ch190 FR V1/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 27.09 dB
ABM1 = 12.15 dBA/m
ABM2 = -14.94 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -10, 3.7 mm

0 dB = 4.050 A/m = 12.15 dBA/m

GSM

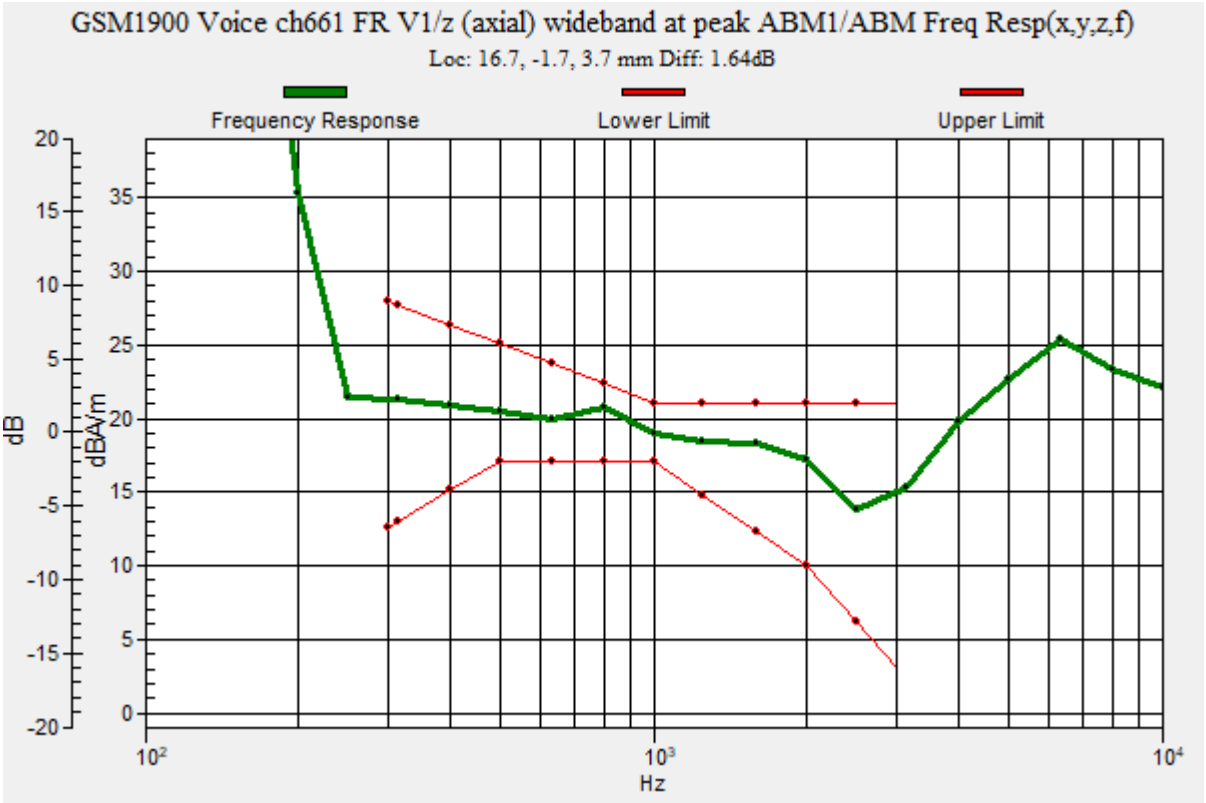
Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz;Duty Cycle: 1:8.30042

T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM1900 Voice ch661 FR V1/z (axial) wideband at peak ABM1/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: 47.1
Measure Window Start: 500ms
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 = 1.64 dB
BWC Factor = 10.80 dB
Location: 16.7, -1.7, 3.7 mm



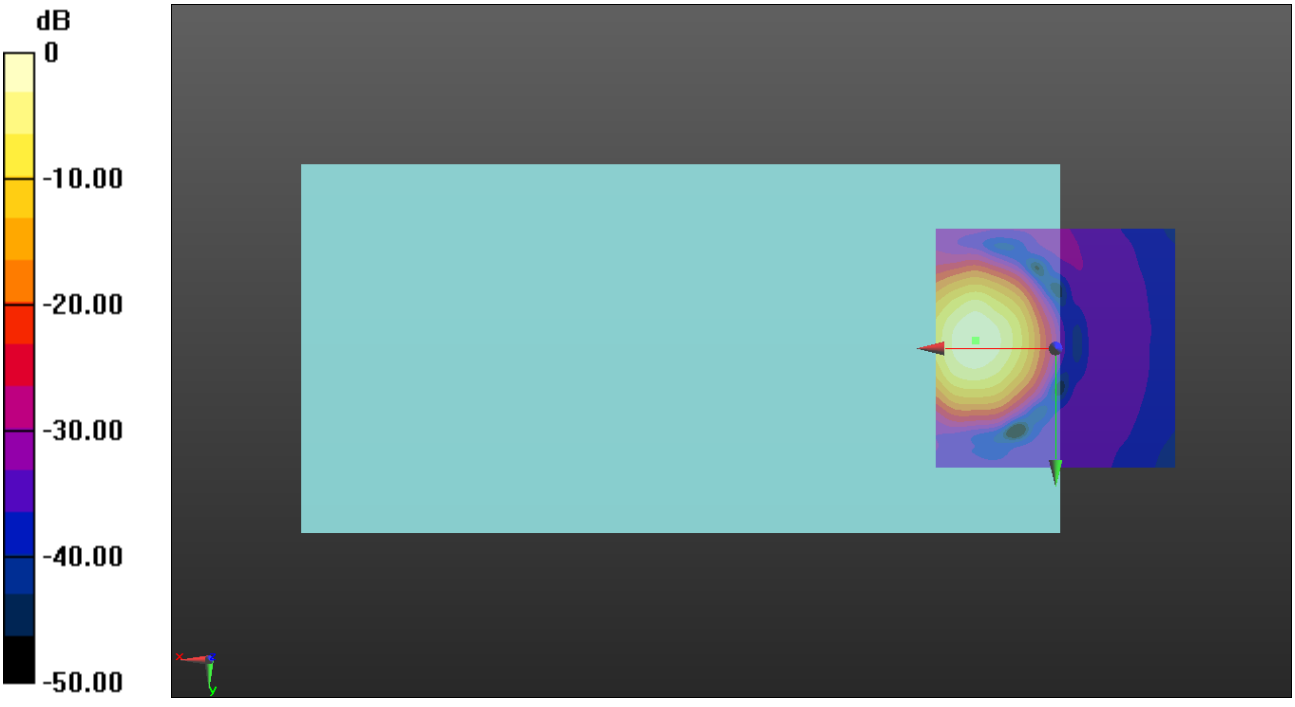
GSM

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/GSM1900 Voice ch661 FR V1/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 50.34 dB
ABM1 = 20.57 dBA/m
ABM2 = -29.77 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -1.7, 3.7 mm



0 dB = 10.68 A/m = 20.57 dBA/m

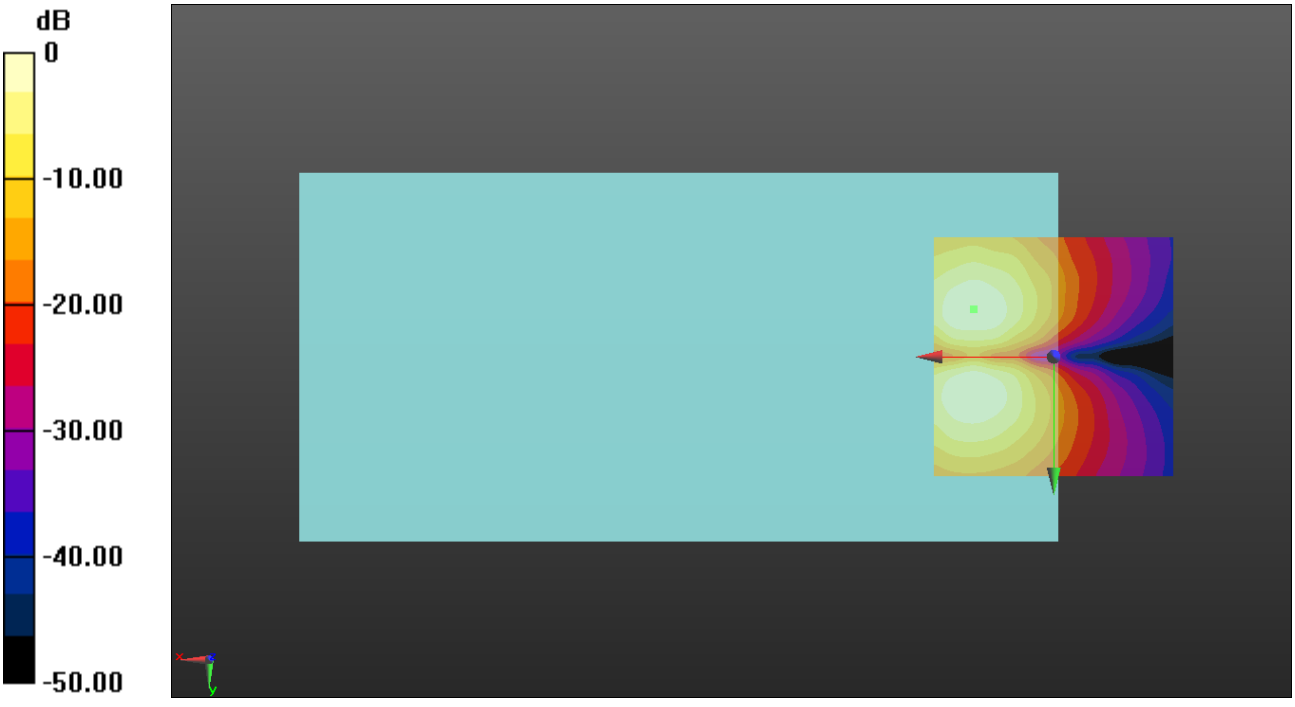
GSM

Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/GSM1900 Voice ch661 FR V1/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 39.72 dB
ABM1 = 12.09 dBA/m
ABM2 = -27.63 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -10, 3.7 mm



0 dB = 4.025 A/m = 12.10 dBA/m

WCDMA

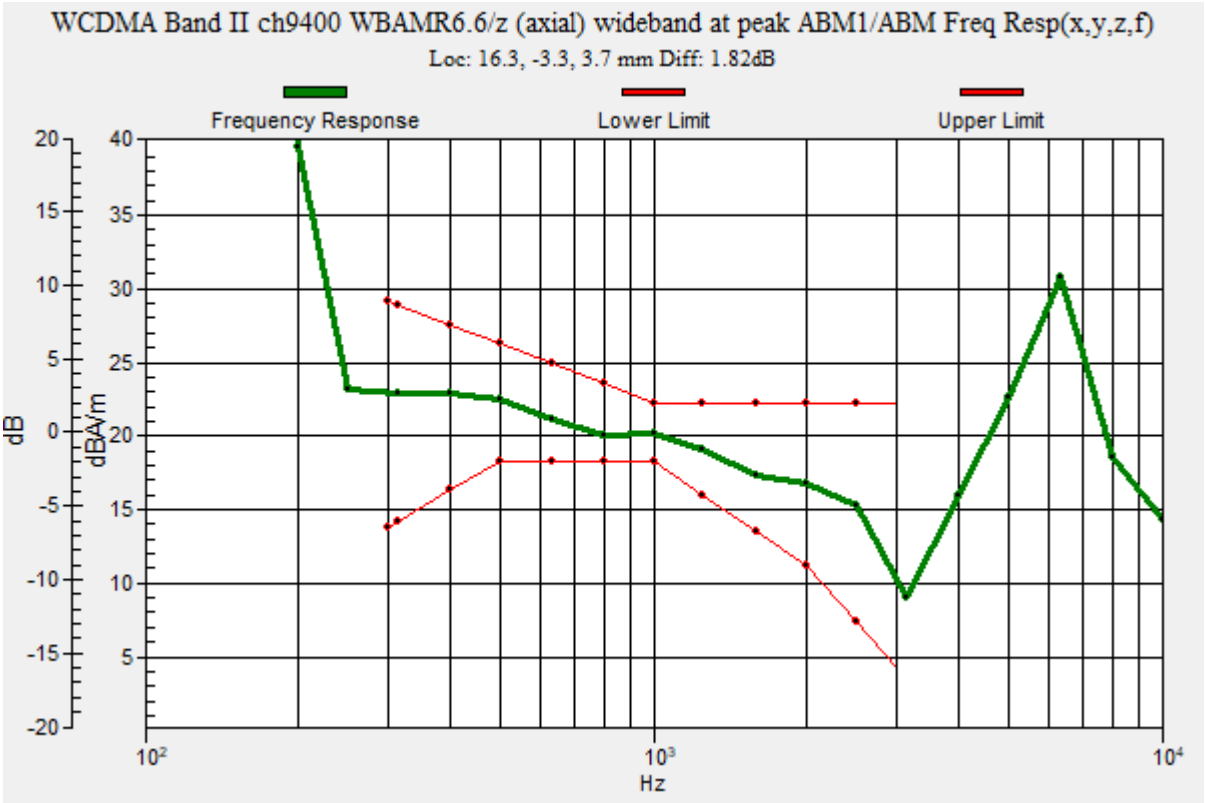
Communication System: UID 0, UMTS-FDD (WCDMA) (0); Frequency: 1880 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band II ch9400 WBAMR6.6/z (axial) wideband at peak ABM1/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: 47.1
Measure Window Start: 500ms
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 = 1.82 dB
BWC Factor = 10.80 dB
Location: 16.3, -3.3, 3.7 mm



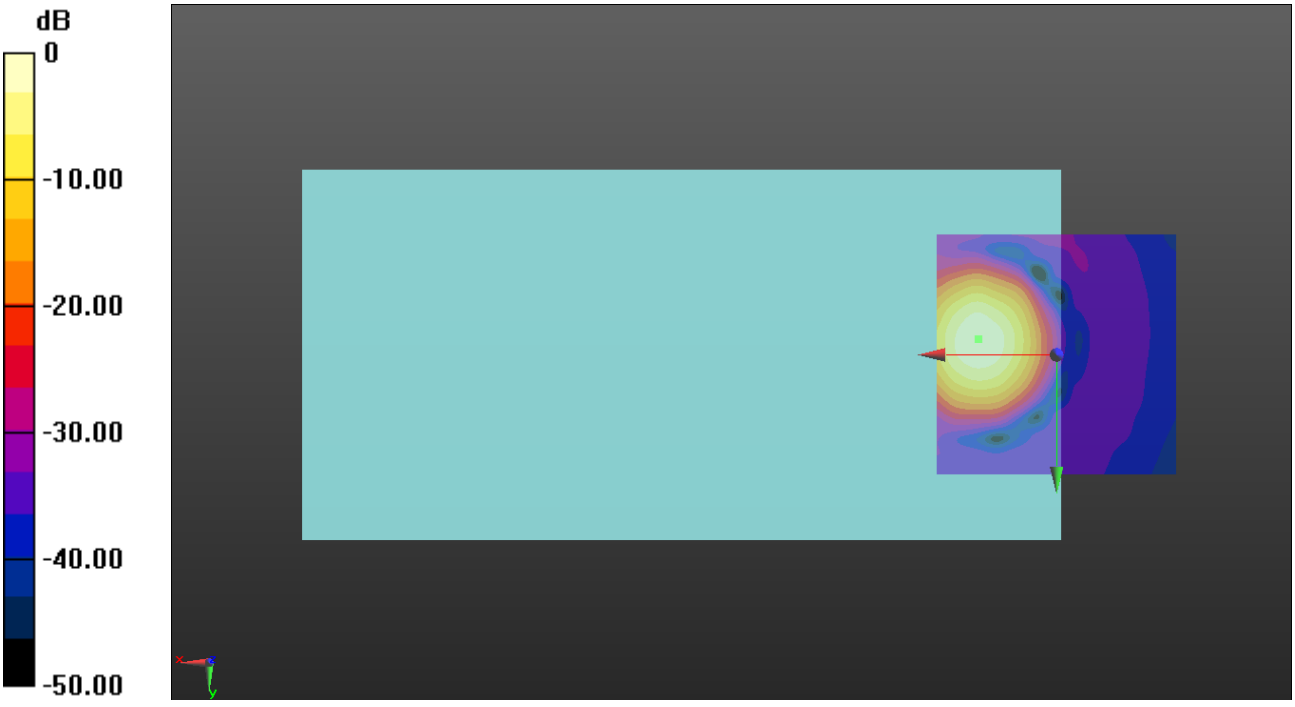
WCDMA

Communication System: UID 0, UMTS-FDD (WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band II ch9400 WBAMR6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 62.86 dB
ABM1 = 21.17 dBA/m
ABM2 = -41.69 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, -3.3, 3.7 mm



0 dB = 11.44 A/m = 21.17 dBA/m

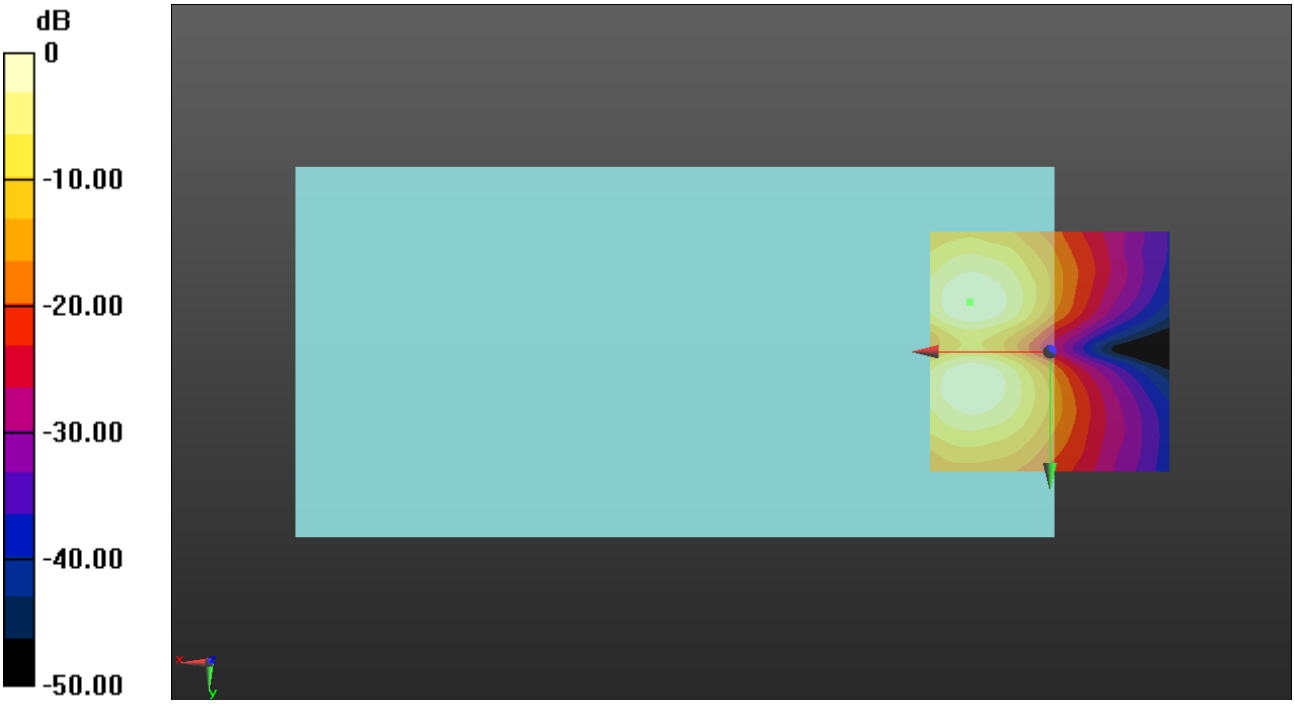
WCDMA

Communication System: UID 0, UMTS-FDD (WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band II ch9400 WBAMR6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 53.47 dB
ABM1 = 12.32 dBA/m
ABM2 = -41.15 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -10.4, 3.7 mm



0 dB = 4.130 A/m = 12.32 dBA/m

WCDMA

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

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band V ch4183 WBAMR6.6/z (axial) wideband at peak ABM1/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: 47.1
Measure Window Start: 500ms
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, -2.9, 3.7 mm

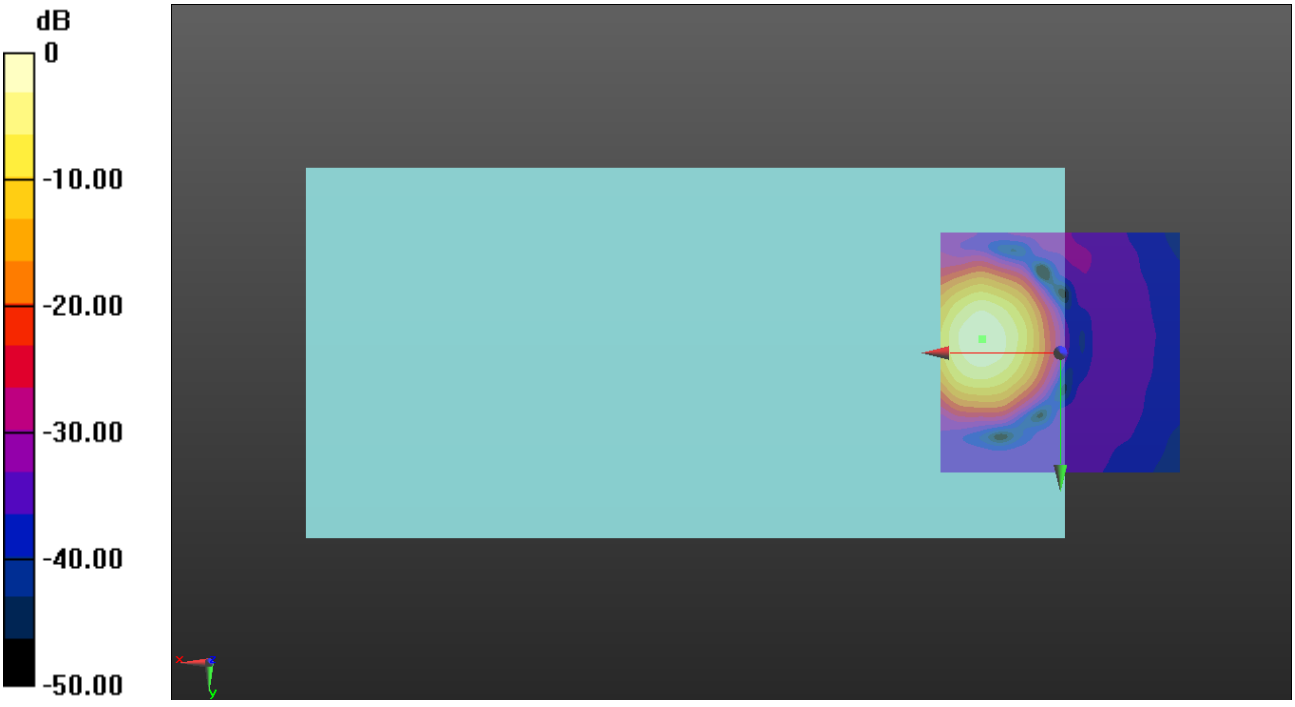
WCDMA

Communication System: UID 0, UMTS-FDD (WCDMA) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band V ch4183 WBAMR6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 67.13 dB
ABM1 = 21.17 dBA/m
ABM2 = -45.96 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, -2.9, 3.7 mm



0 dB = 11.51 A/m = 21.22 dBA/m

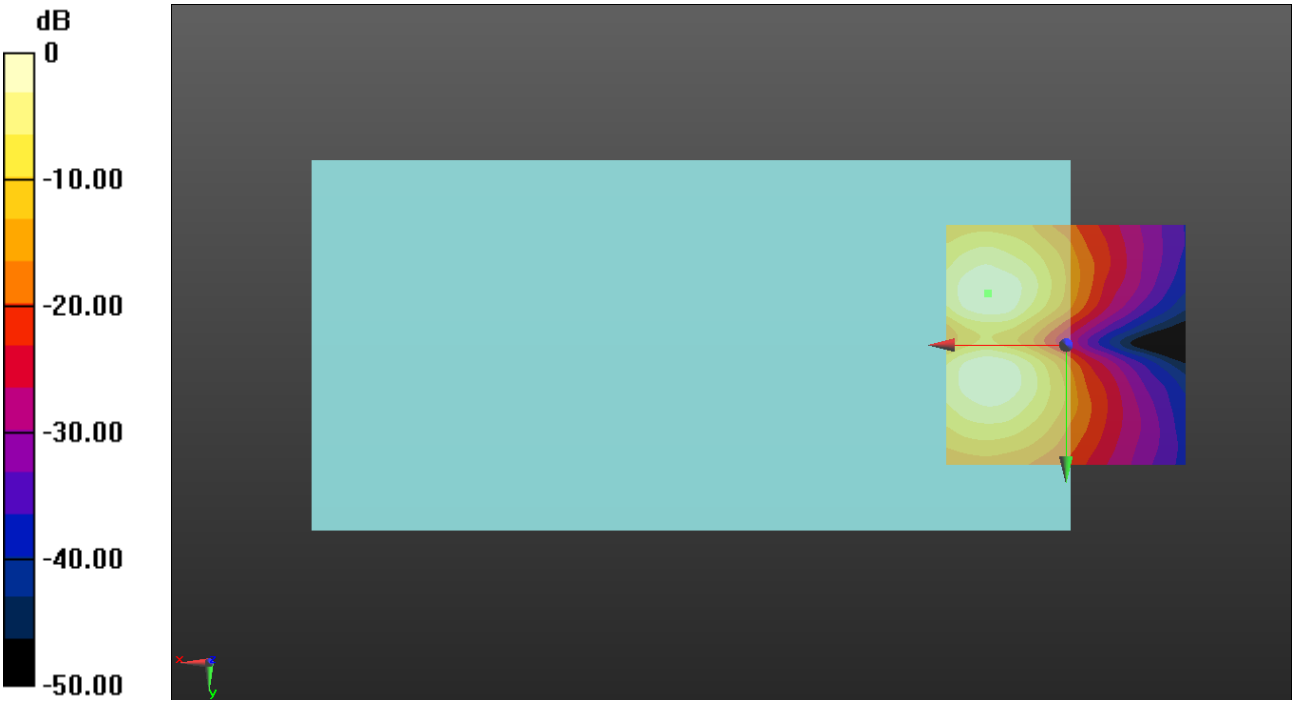
WCDMA

Communication System: UID 0, UMTS-FDD (WCDMA) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band V ch4183 WBAMR6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 53.25 dB
ABM1 = 12.06 dBA/m
ABM2 = -41.19 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, -10.8, 3.7 mm



0 dB = 4.155 A/m = 12.37 dBA/m

VoLTE_FDD

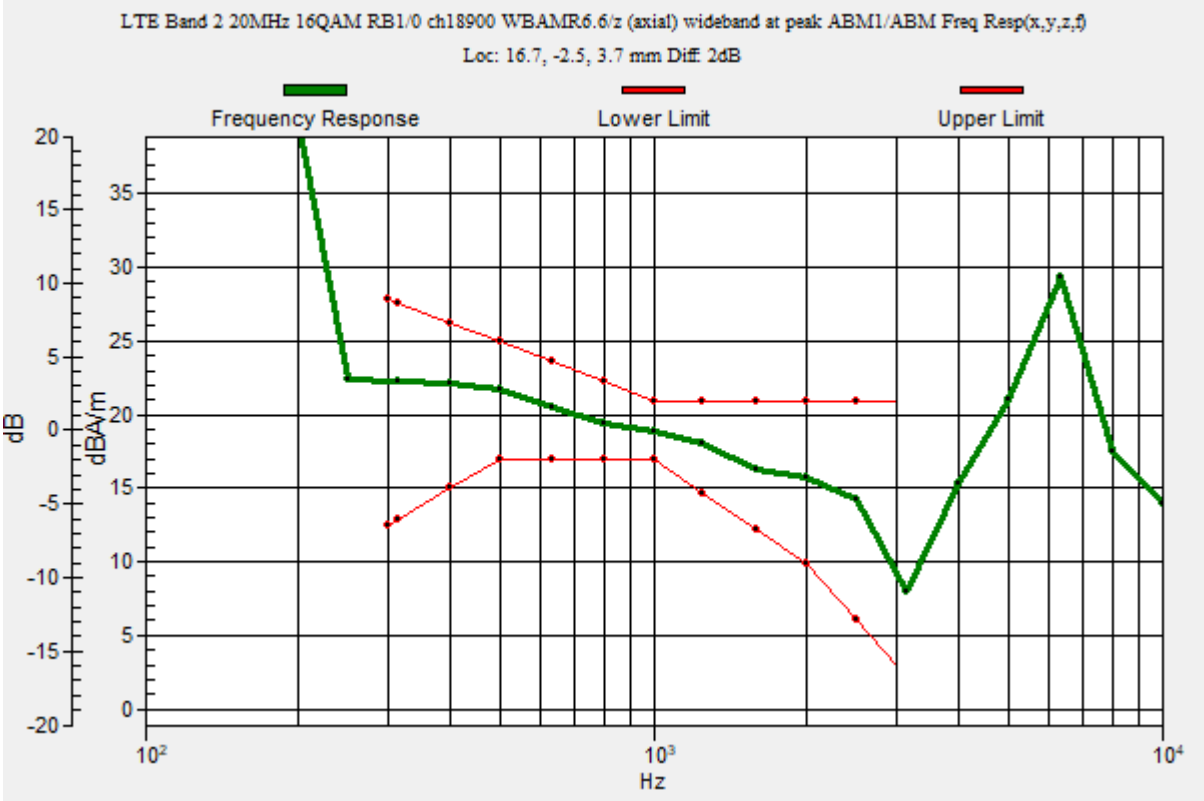
Communication System: UID 0, LTE (FDD) (0); Frequency: 1880 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 2 20MHz 16QAM RB1/0 ch18900 WBAMR6.6/z (axial) wideband at peak ABM1/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: 47.1
Measure Window Start: 500ms
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: 16.7, -2.5, 3.7 mm



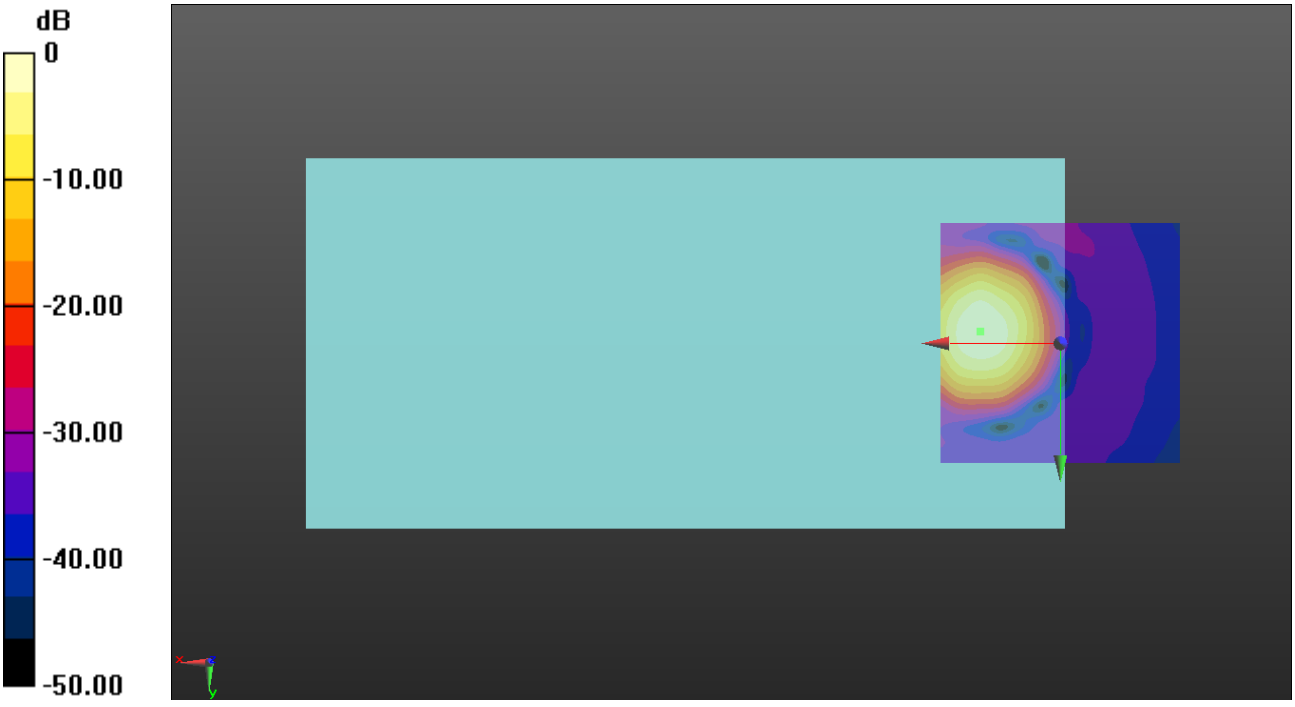
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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 20MHz 16QAM RB1/0 ch18900 WBAMR6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 61.36 dB
ABM1 = 20.30 dBA/m
ABM2 = -41.06 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -2.5, 3.7 mm



0 dB = 10.35 A/m = 20.30 dBA/m

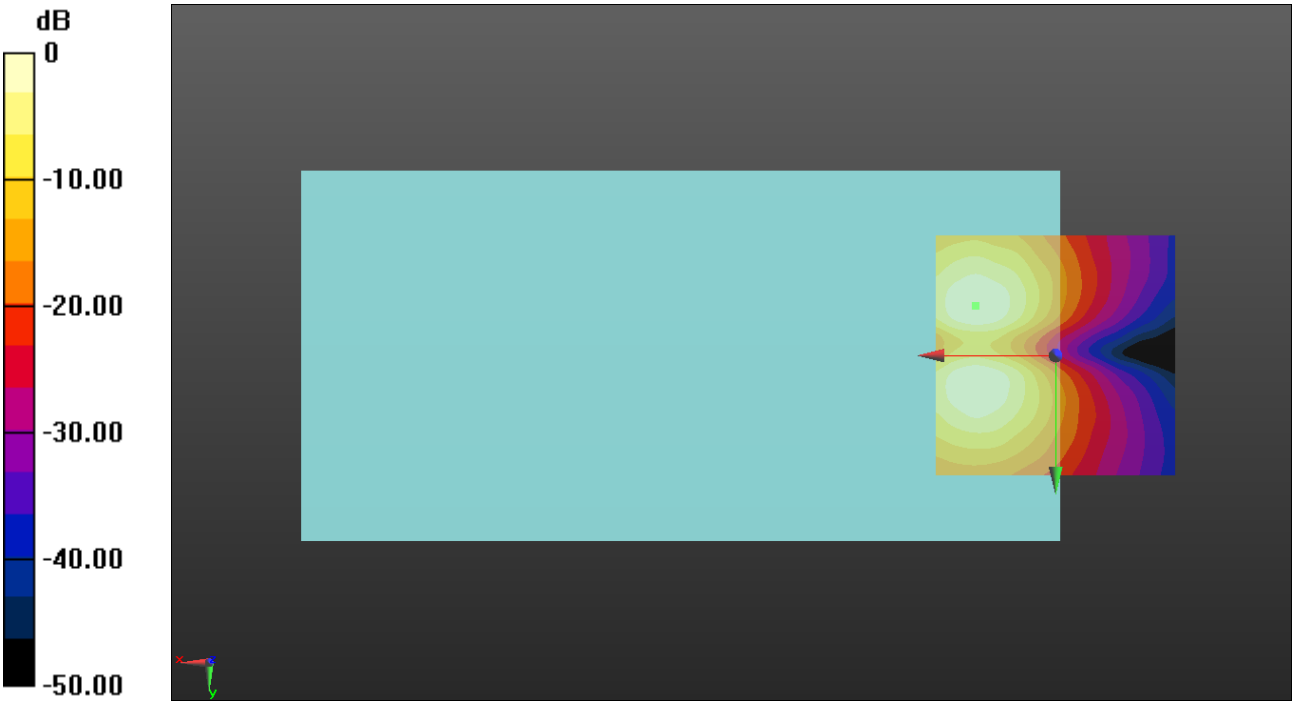
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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 20MHz 16QAM RB1/0 ch18900 WBAMR6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 46.09 dB
ABM1 = 12.07 dBA/m
ABM2 = -34.02 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -10.4, 3.7 mm



0 dB = 4.015 A/m = 12.07 dBA/m

VoLTE_FDD

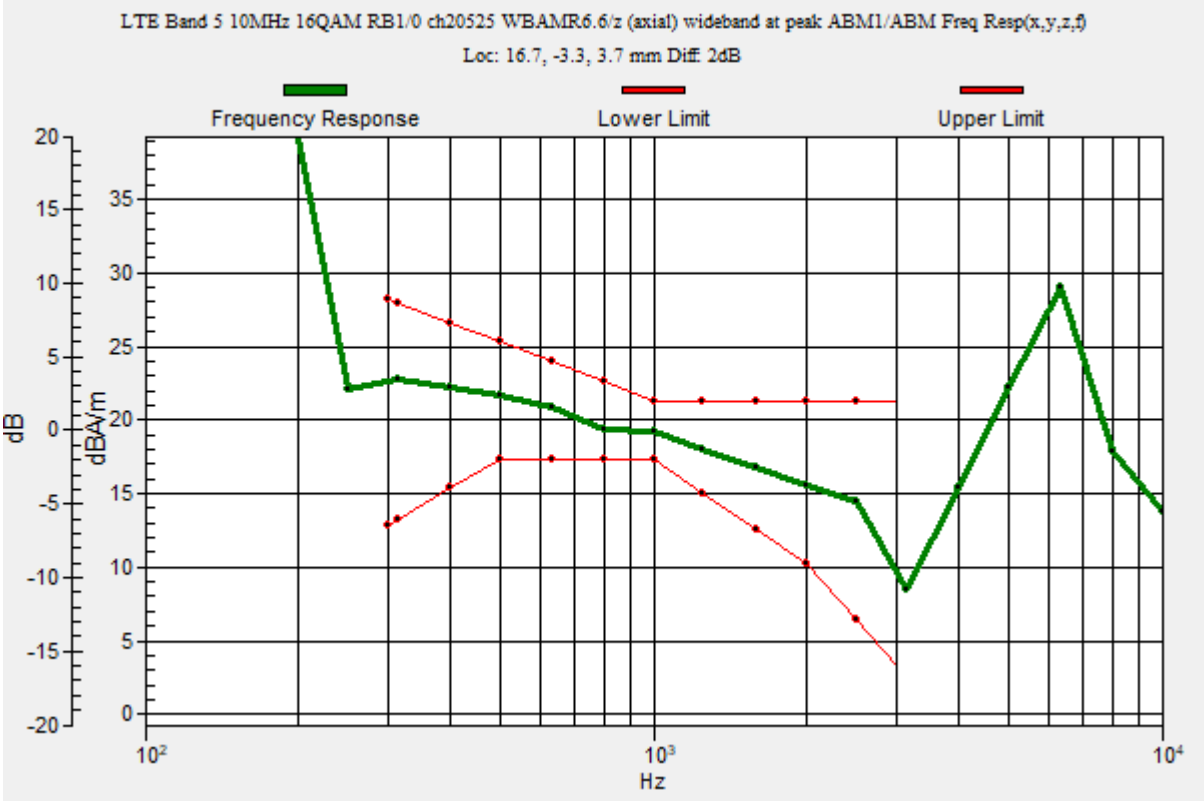
Communication System: UID 0, LTE (FDD) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 5 10MHz 16QAM RB1/0 ch20525 WBAMR6.6/z (axial) wideband at peak ABM1/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: 47.1
Measure Window Start: 500ms
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: 16.7, -3.3, 3.7 mm



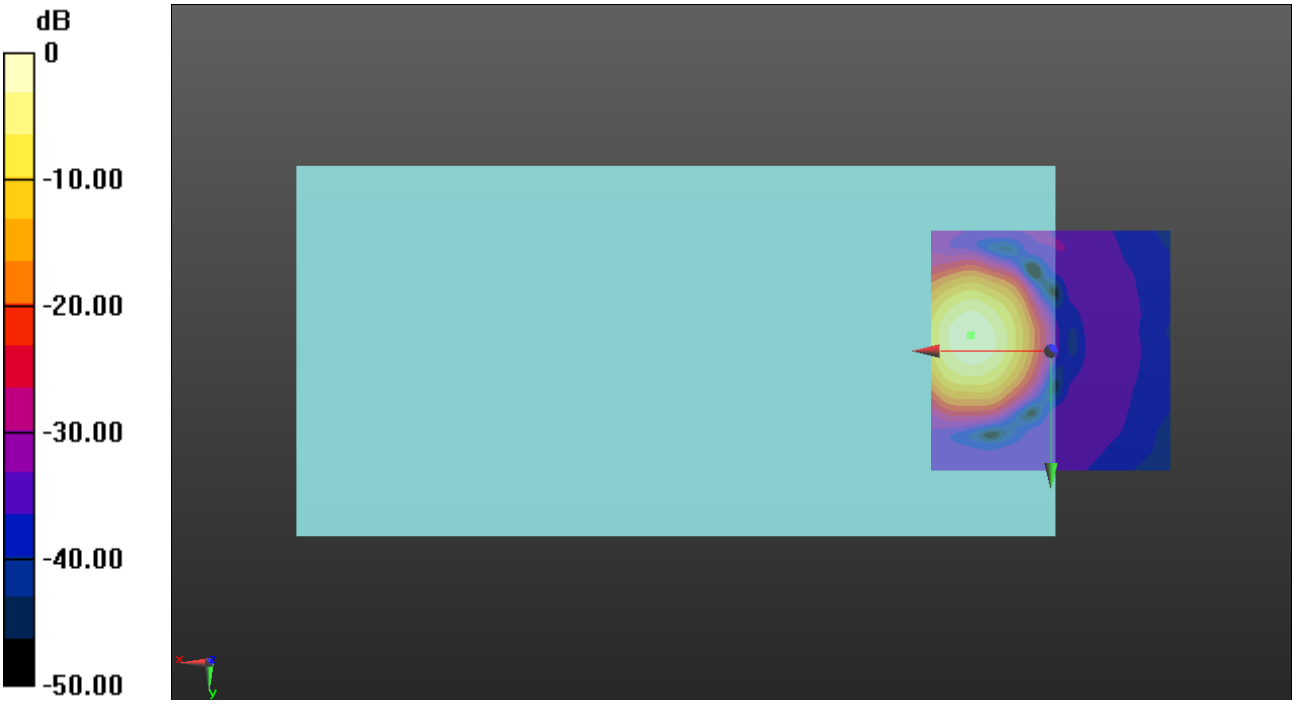
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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 10MHz 16QAM RB1/0 ch20525 WBAMR6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 60.46 dB
ABM1 = 20.81 dBA/m
ABM2 = -39.65 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -3.3, 3.7 mm



0 dB = 10.97 A/m = 20.80 dBA/m

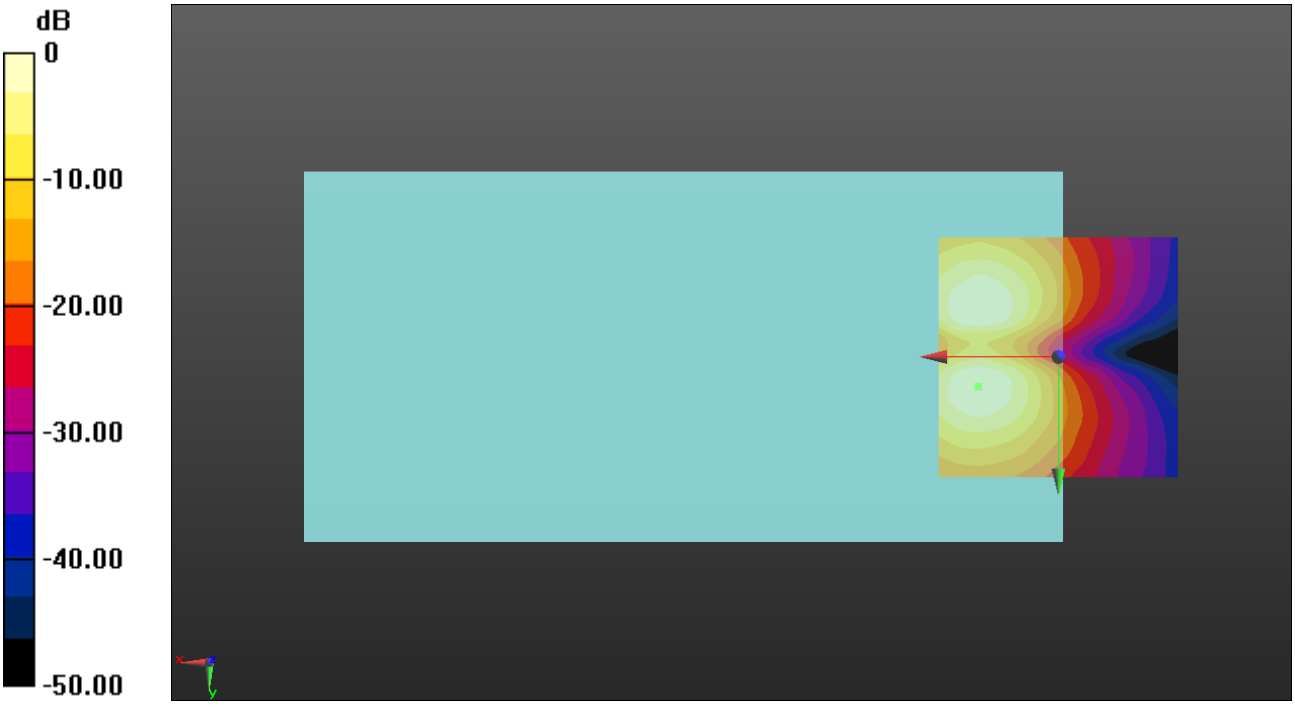
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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 10MHz 16QAM RB1/0 ch20525 WBAMR6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 47.48 dB
ABM1 = 12.25 dBA/m
ABM2 = -35.23 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, 6.2, 3.7 mm



0 dB = 4.100 A/m = 12.26 dBA/m

VoLTE_FDD

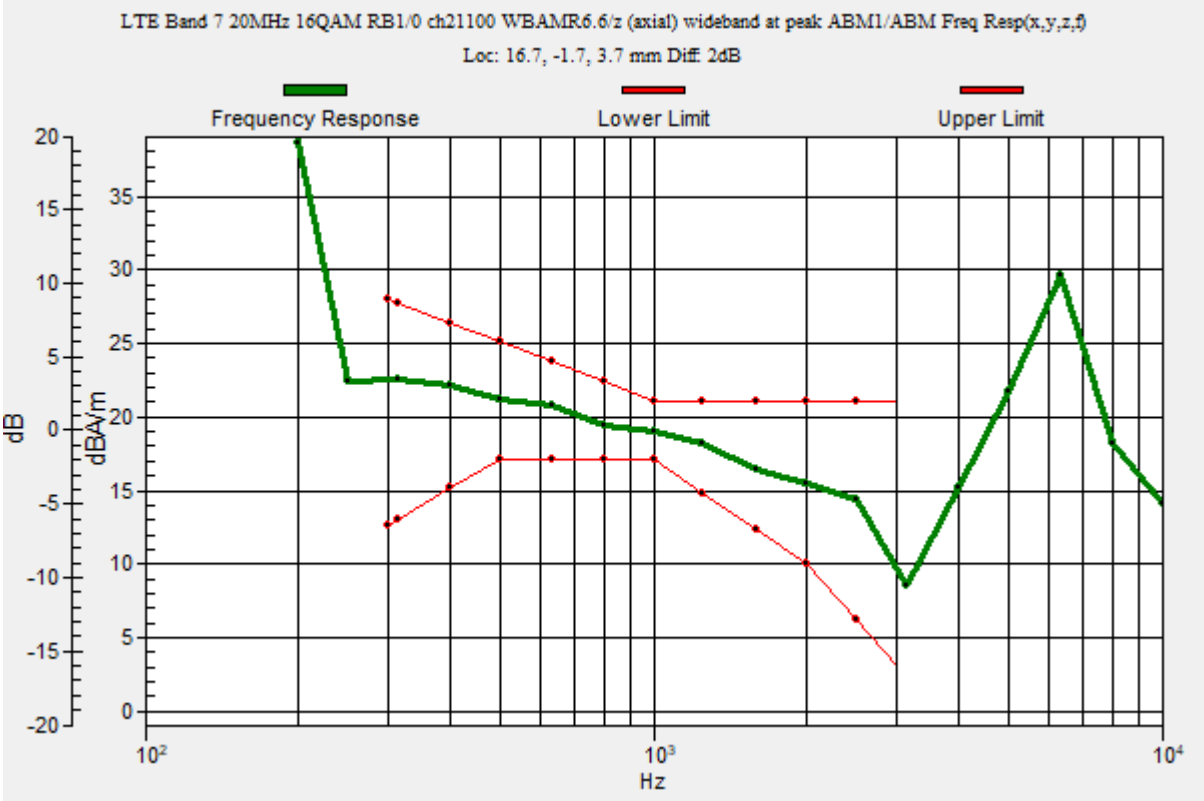
Communication System: UID 0, LTE (FDD) (0); Frequency: 2535 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 7 20MHz 16QAM RB1/0 ch21100 WBAMR6.6/z (axial) wideband at peak ABM1/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: 47.1
Measure Window Start: 500ms
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: 16.7, -1.7, 3.7 mm



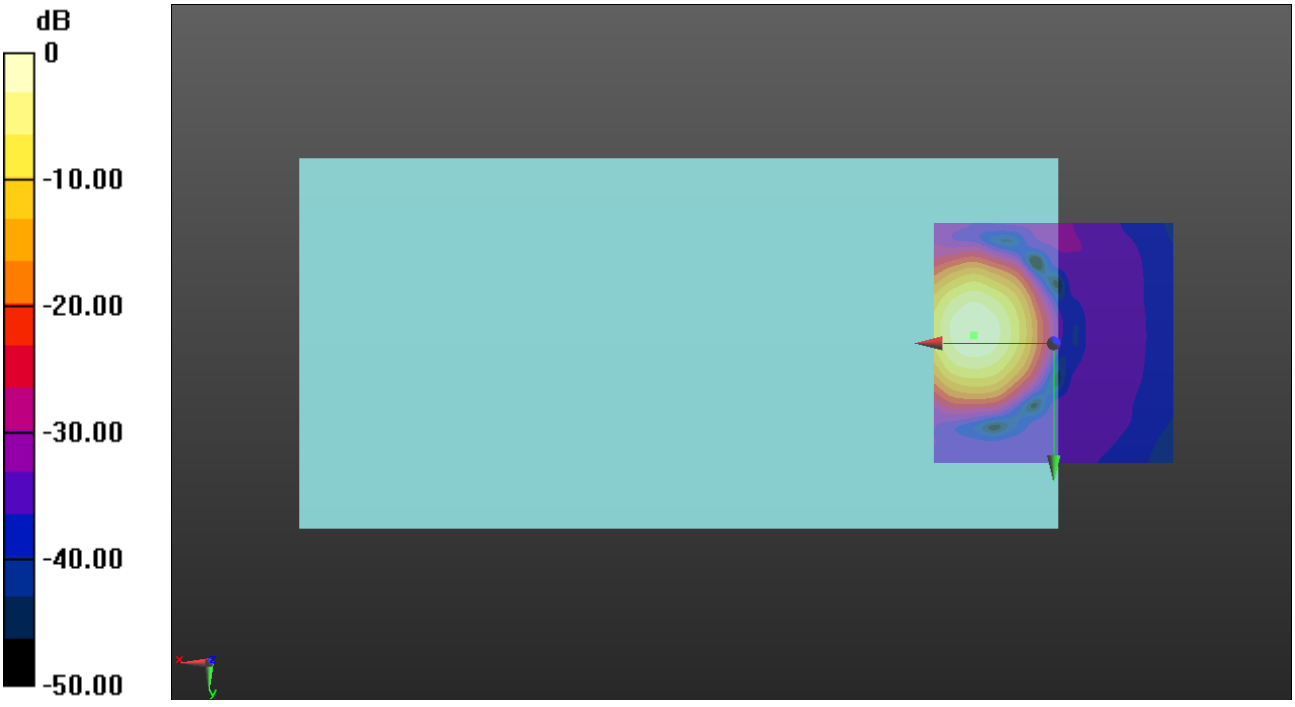
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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 20MHz 16QAM RB1/0 ch21100 WBAMR6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 62.57 dB
ABM1 = 20.48 dBA/m
ABM2 = -42.09 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -1.7, 3.7 mm



0 dB = 10.57 A/m = 20.48 dBA/m

VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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 20MHz 16QAM RB1/0 ch21100 WBAMR6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 46.14 dB
ABM1 = 12.15 dBA/m
ABM2 = -33.99 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, 6.2, 3.7 mm

0 dB = 4.051 A/m = 12.15 dBA/m

VoLTE_FDD

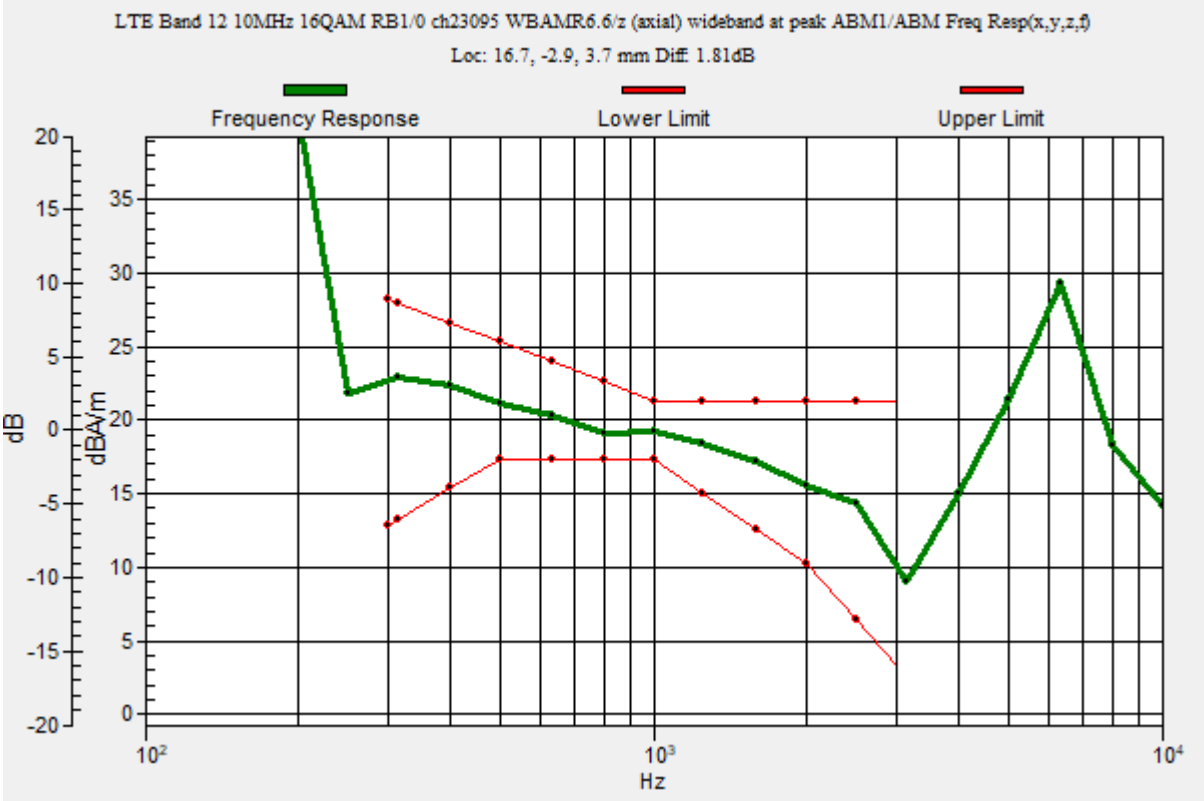
Communication System: UID 0, LTE (FDD) (0); Frequency: 707.5 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 12 10MHz 16QAM RB1/0 ch23095 WBAMR6.6/z (axial) wideband at peak ABM1/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: 47.1
Measure Window Start: 500ms
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 = 1.81 dB
BWC Factor = 10.80 dB
Location: 16.7, -2.9, 3.7 mm



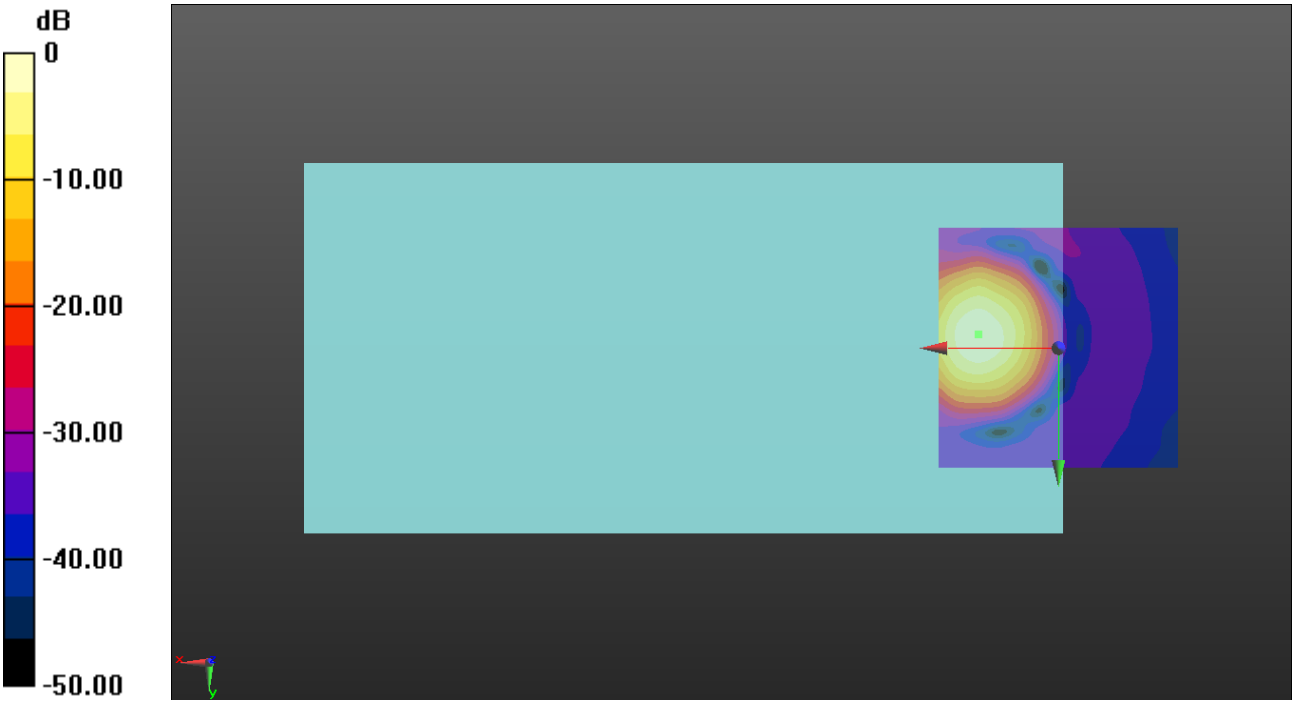
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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 10MHz 16QAM RB1/0 ch23095 WBAMR6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 60.72 dB
ABM1 = 20.72 dBA/m
ABM2 = -40.00 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -2.9, 3.7 mm



0 dB = 10.86 A/m = 20.72 dBA/m

VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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 10MHz 16QAM RB1/0 ch23095 WBAMR6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 46.83 dB
ABM1 = 12.10 dBA/m
ABM2 = -34.73 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, 6.2, 3.7 mm

0 dB = 4.027 A/m = 12.10 dBA/m

VoLTE_FDD

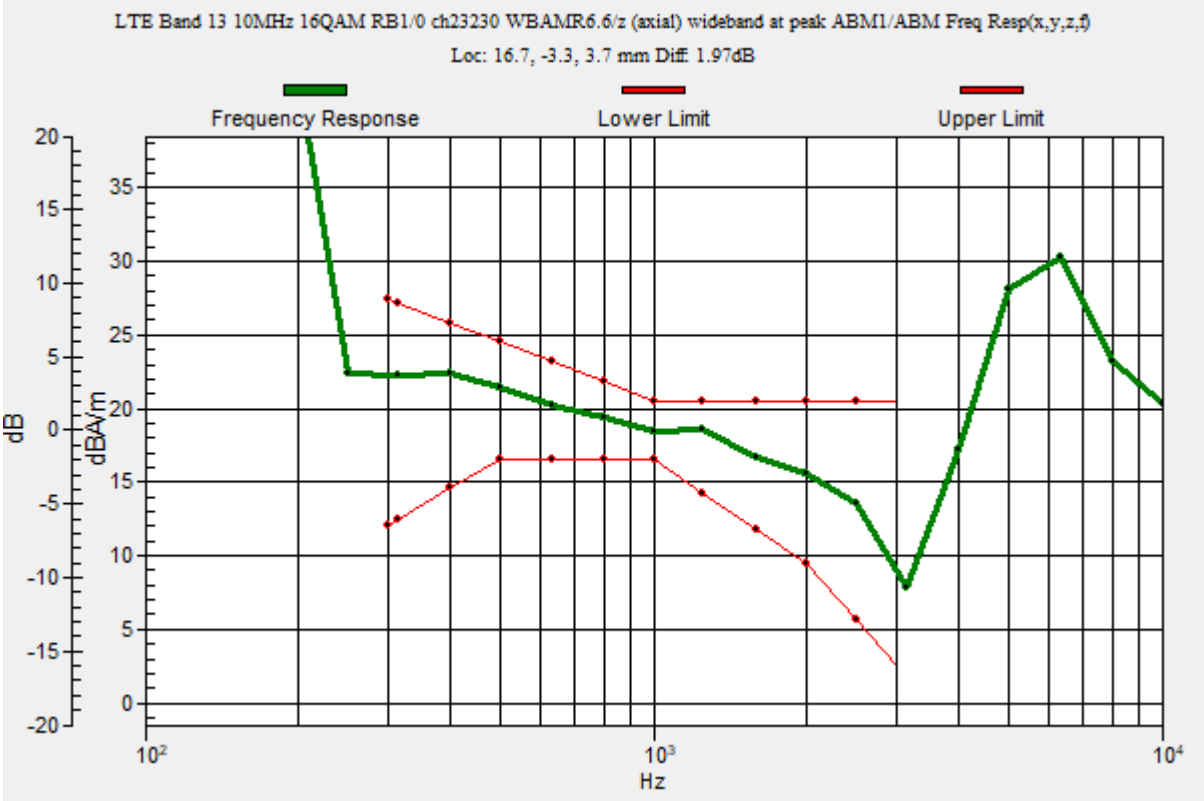
Communication System: UID 0, LTE (FDD) (0); Frequency: 782 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 13 10MHz 16QAM RB1/0 ch23230 WBAMR6.6/z (axial) wideband at peak ABM1/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: 47.1
Measure Window Start: 500ms
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 = 1.97 dB
BWC Factor = 10.80 dB
Location: 16.7, -3.3, 3.7 mm



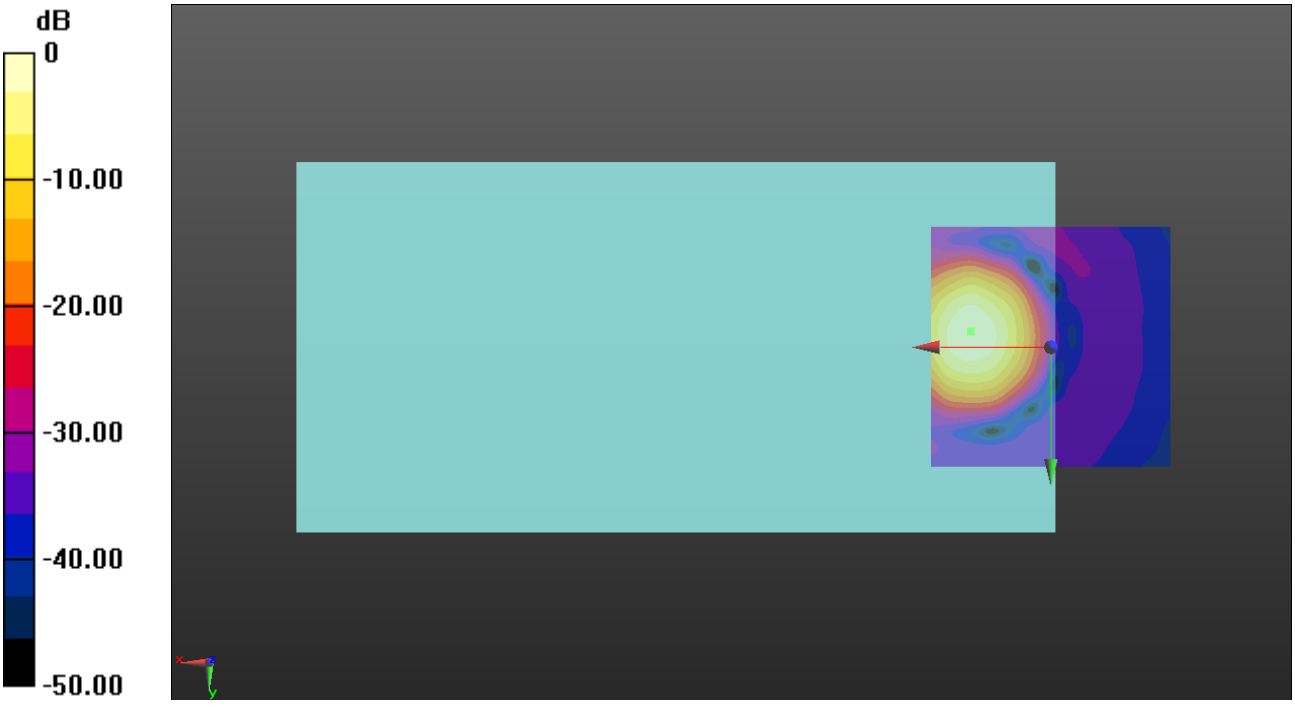
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 782 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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 10MHz 16QAM RB1/0 ch23230 WBAMR6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 60.17 dB
ABM1 = 20.52 dBA/m
ABM2 = -39.65 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -3.3, 3.7 mm



0 dB = 10.61 A/m = 20.51 dBA/m

VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 782 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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 10MHz 16QAM RB1/0 ch23230 WBAMR6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 47.55 dB
ABM1 = 12.15 dBA/m
ABM2 = -35.40 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, 7.1, 3.7 mm

0 dB = 4.051 A/m = 12.15 dBA/m

VoLTE_FDD

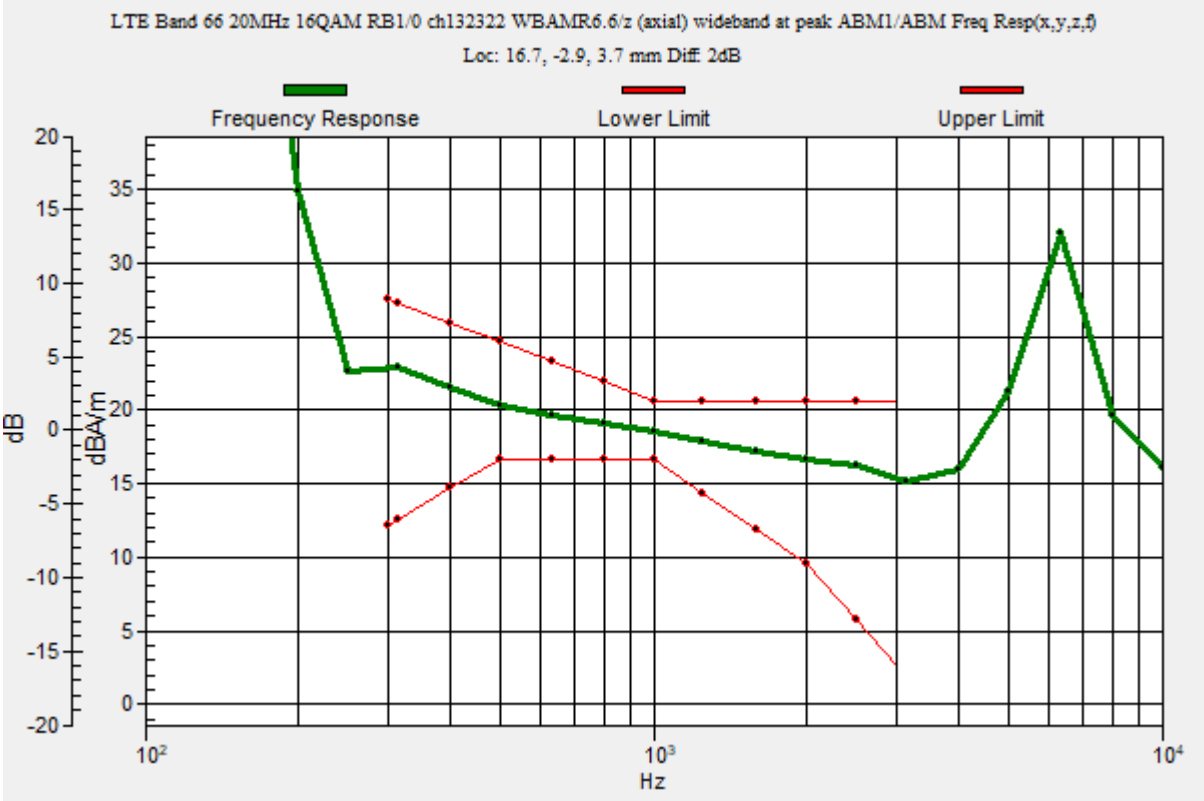
Communication System: UID 0, LTE (FDD) (0); Frequency: 1745 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 66 20MHz 16QAM RB1/0 ch132322 WBAMR6.6/z (axial) wideband at peak ABM1/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: 47.1
Measure Window Start: 500ms
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: 16.7, -2.9, 3.7 mm



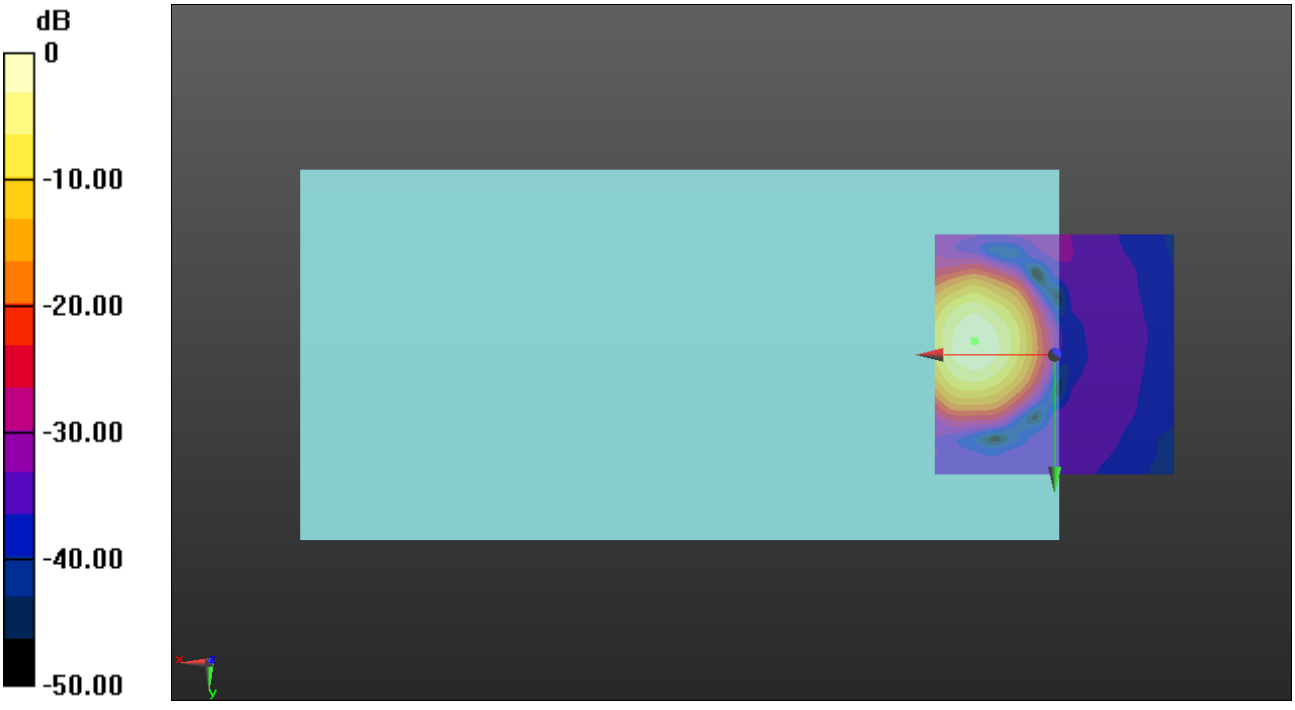
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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 20MHz 16QAM RB1/0 ch132322 WBAMR6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 59.98 dB
ABM1 = 20.75 dBA/m
ABM2 = -39.23 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -2.9, 3.7 mm



0 dB = 10.90 A/m = 20.75 dBA/m

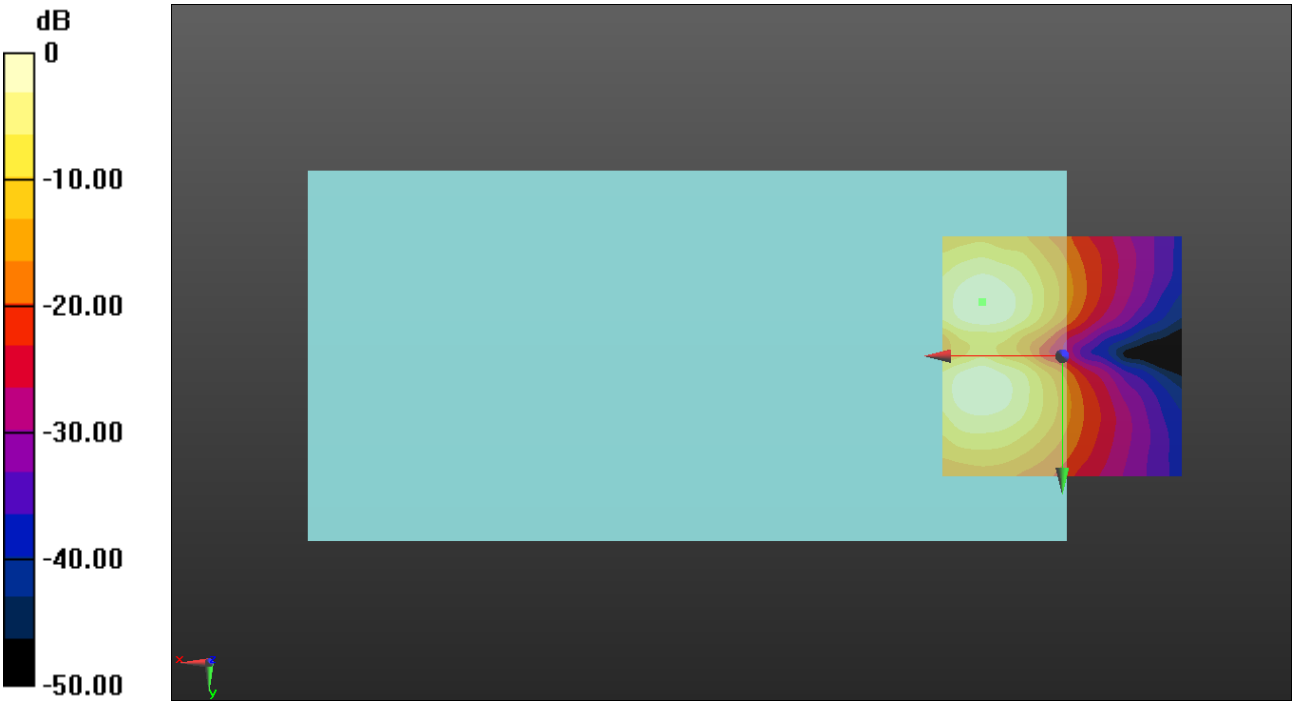
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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 20MHz 16QAM RB1/0 ch132322 WBAMR6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 45.93 dB
ABM1 = 12.24 dBA/m
ABM2 = -33.69 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -11.3, 3.7 mm



0 dB = 4.094 A/m = 12.24 dBA/m

VoLTE_TDD

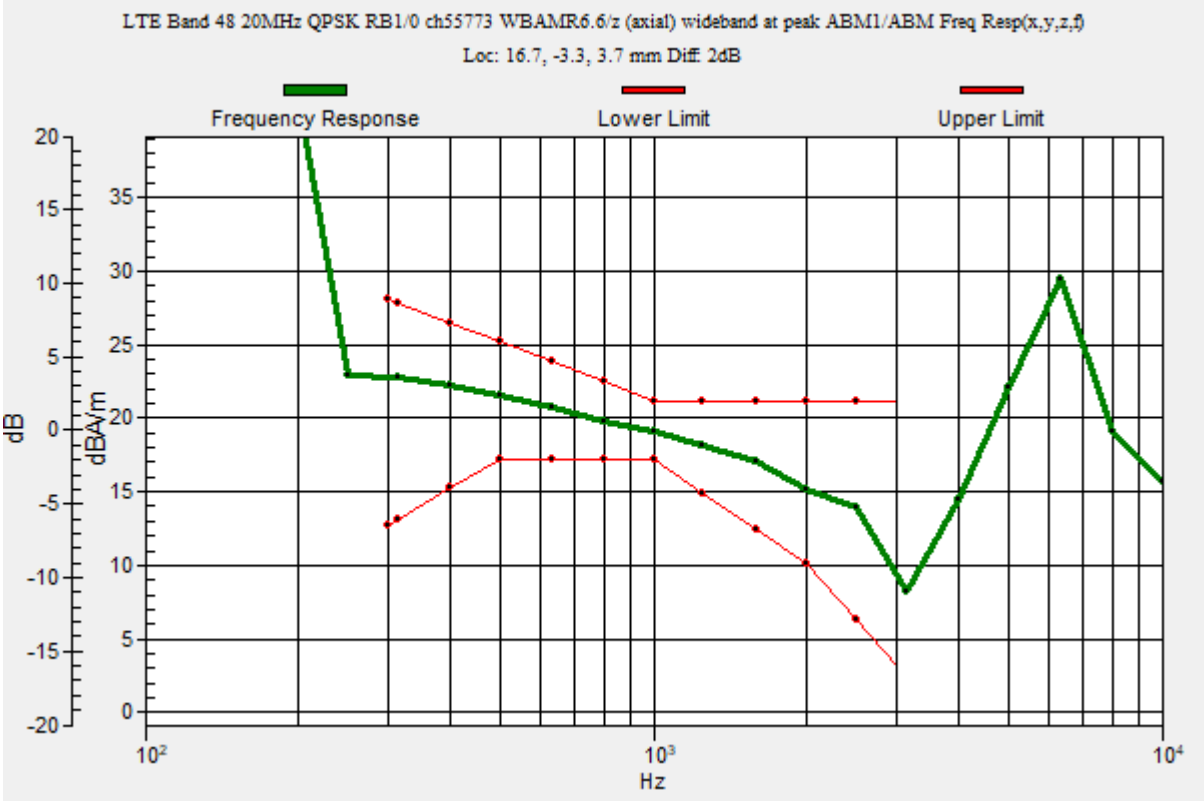
Communication System: UID 0, LTE (FDD) (0); Frequency: 1880 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 48 20MHz QPSK RB1/0 ch55773 WBAMR6.6/z (axial) wideband at peak ABM1/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: 47.1
Measure Window Start: 500ms
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: 16.7, -3.3, 3.7 mm



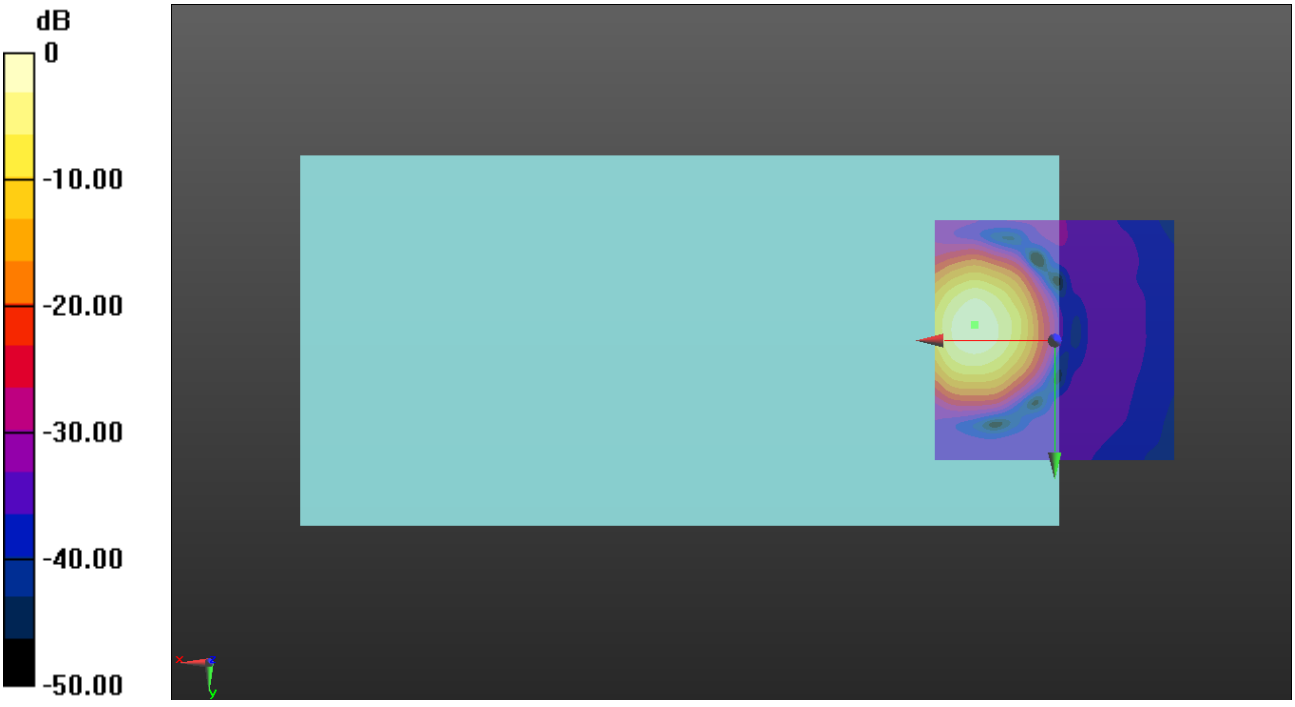
VoLTE_TDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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 20MHz QPSK RB1/0 ch55773 WBAMR6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 51.19 dB
ABM1 = 20.69 dBA/m
ABM2 = -30.50 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -3.3, 3.7 mm



0 dB = 10.83 A/m = 20.69 dBA/m

VoLTE_TDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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 20MHz QPSK RB1/0 ch55773 WBAMR6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 24.04
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 44.60 dB
ABM1 = 12.16 dBA/m
ABM2 = -32.44 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, 6.2, 3.7 mm

0 dB = 4.057 A/m = 12.16 dBA/m

VoNR FDD

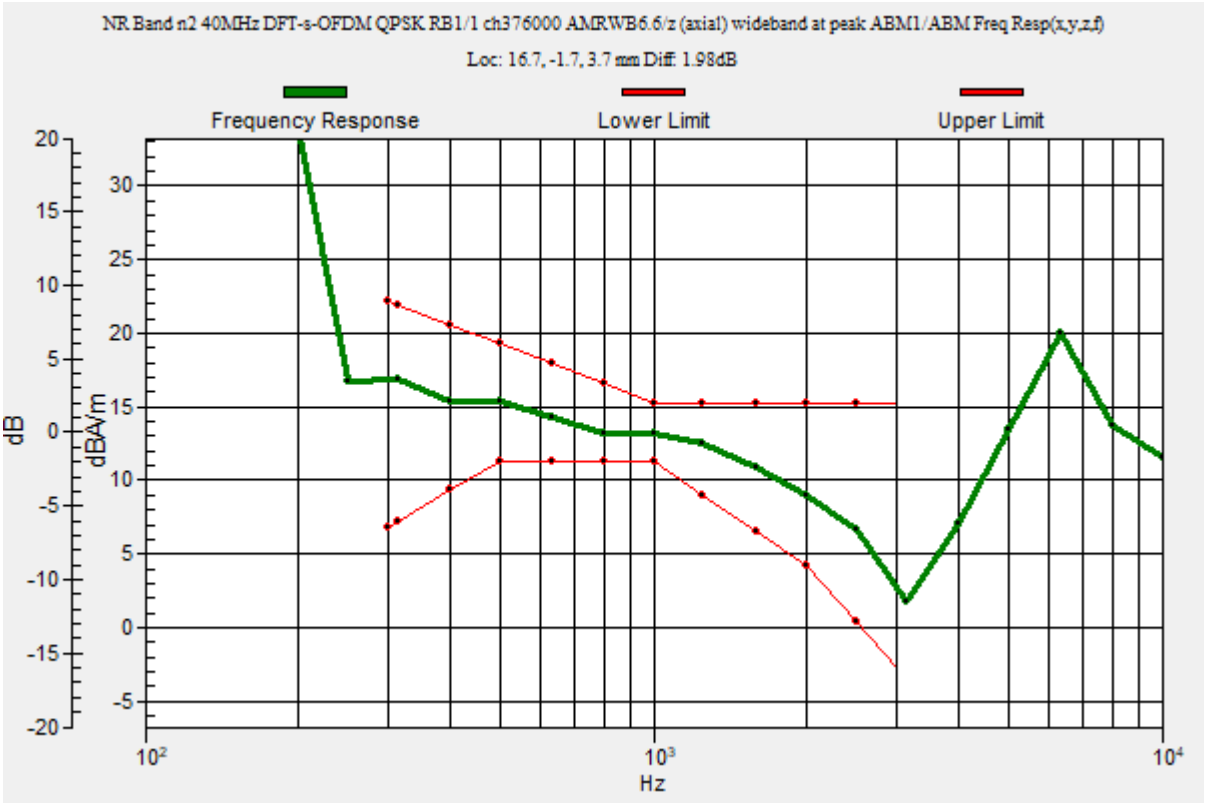
Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1880 MHz;Duty Cycle: 1:3.55795

T-Coil scan (scan for ANSI C63.19 2011 compliance)/NR Band n2 40MHz DFT-s-OFDM QPSK RB1/1 ch376000 AMRWB6.6/z (axial) wideband at peak ABM1/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: 29.72
Measure Window Start: 500ms
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 = 1.98 dB
BWC Factor = 10.80 dB
Location: 16.7, -1.7, 3.7 mm



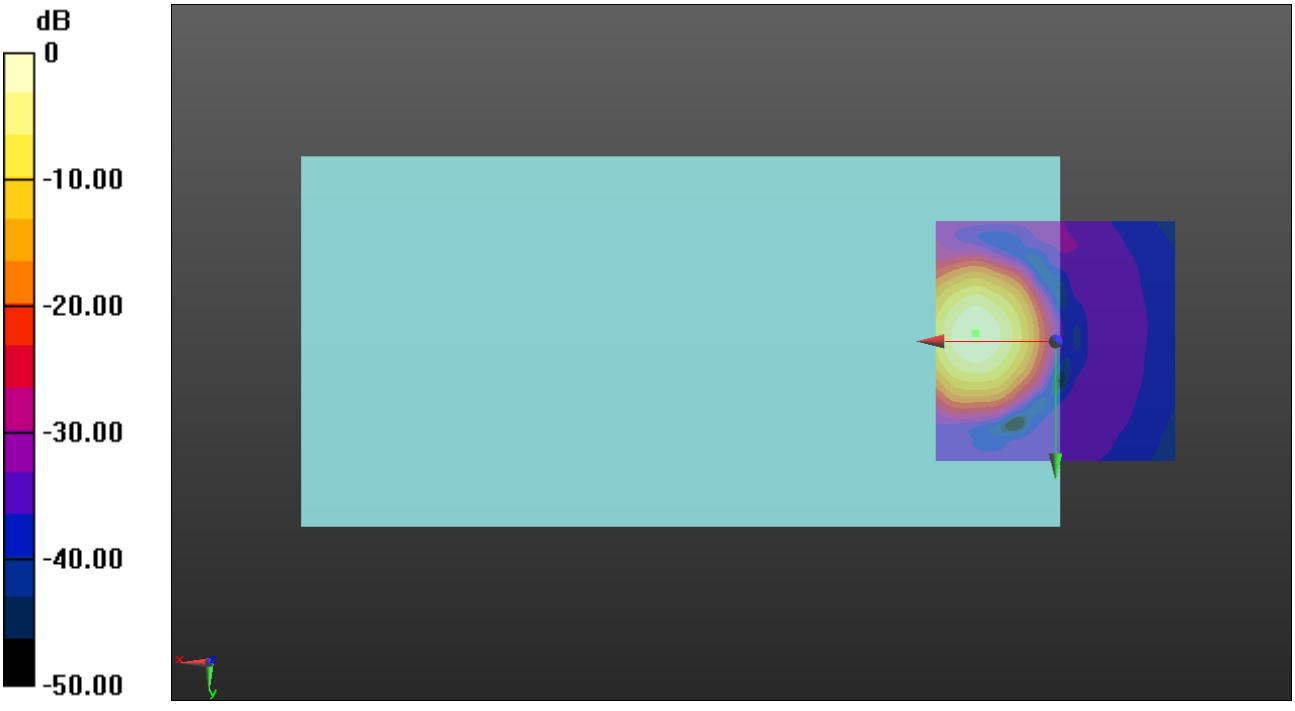
VoNR FDD

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1880 MHz;
Duty Cycle: 1:3.55795
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/NR Band n2 40MHz DFT-s-OFDM QPSK RB1/1 ch376000 AMRWB6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 50.66 dB
ABM1 = 13.14 dBA/m
ABM2 = -37.52 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -1.7, 3.7 mm



0 dB = 4.542 A/m = 13.14 dBA/m

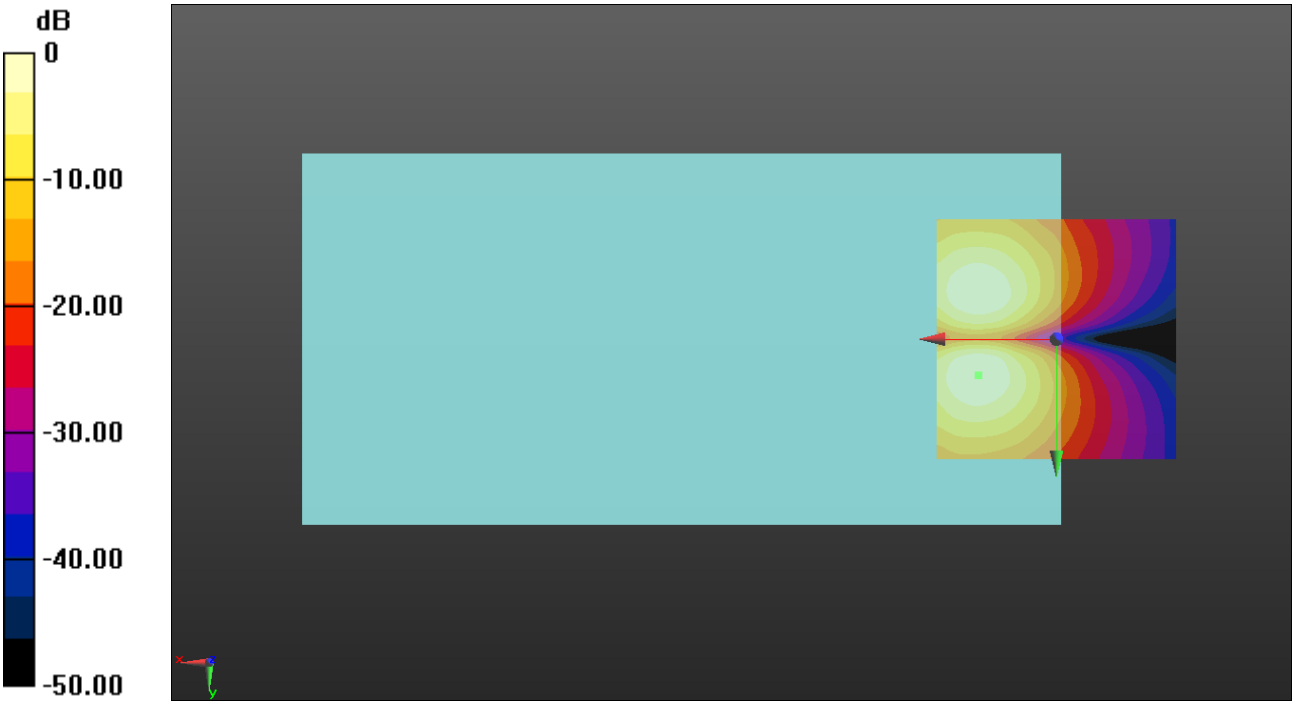
VoNR FDD

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1880 MHz;
Duty Cycle: 1:3.55795
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/NR Band n2 40MHz DFT-s-OFDM QPSK RB1/1 ch376000 AMRWB6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 40.66 dB
ABM1 = 4.28 dBA/m
ABM2 = -36.38 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, 7.5, 3.7 mm



0 dB = 1.680 A/m = 4.51 dBA/m

VoNR FDD

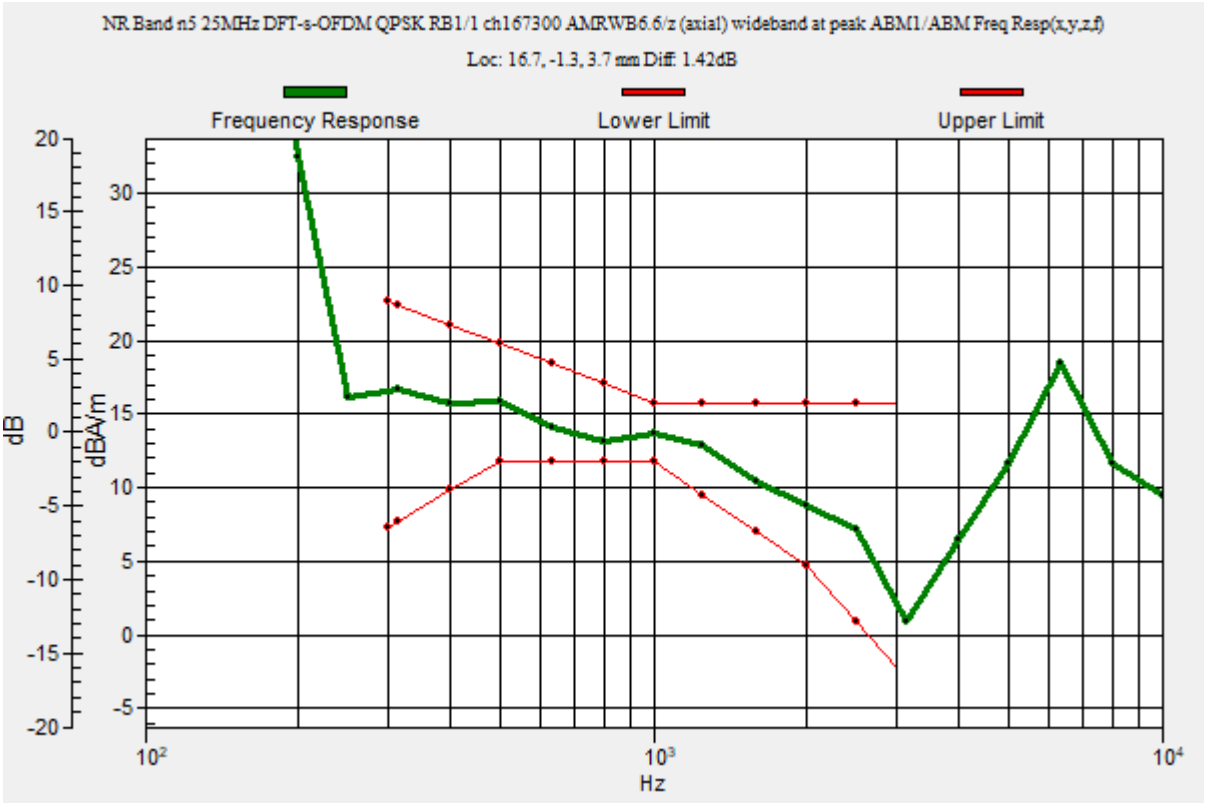
Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 836.5 MHz;Duty Cycle: 1:3.55795

T-Coil scan (scan for ANSI C63.19 2011 compliance)/NR Band n5 20MHz DFT-s-OFDM QPSK RB1/1 ch167300 AMRWB6.6/z (axial) wideband at peak ABM1/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: 29.72
Measure Window Start: 500ms
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 = 1.42 dB
BWC Factor = 10.80 dB
Location: 16.7, -1.3, 3.7 mm



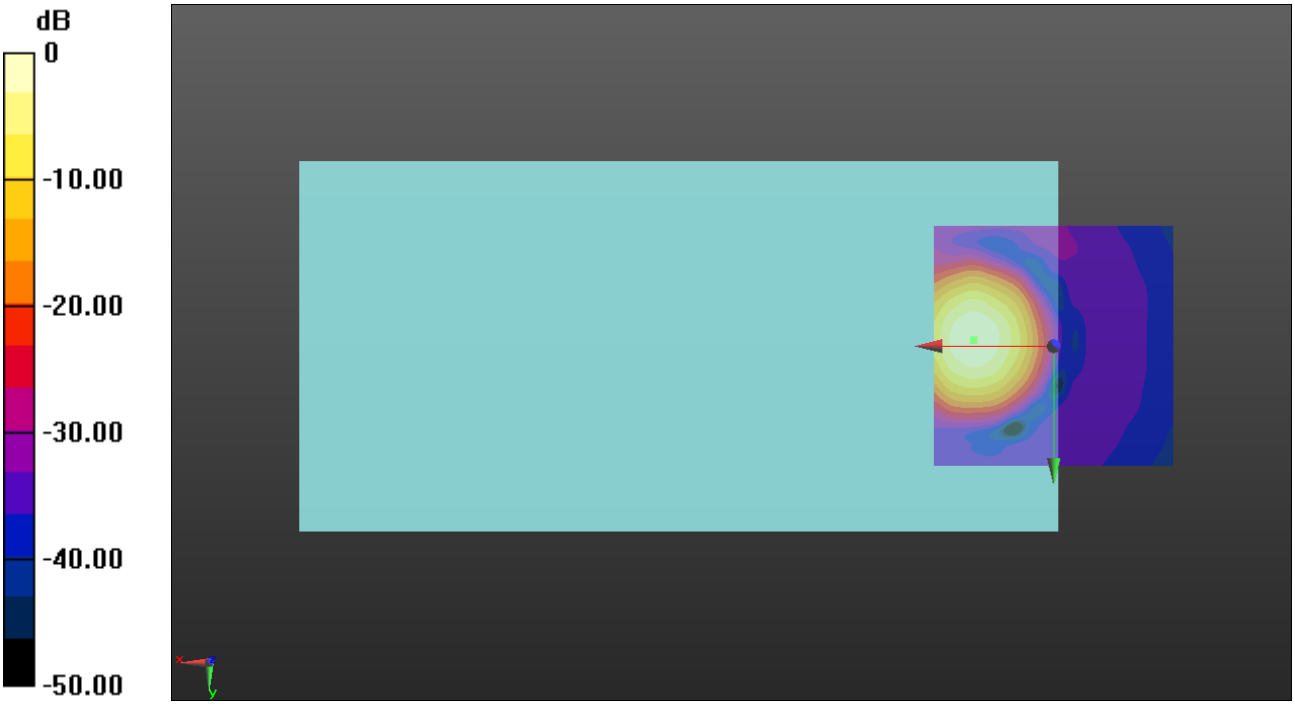
VoNR FDD

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 836.5 MHz;
Duty Cycle: 1:3.55795
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/NR Band n5 20MHz DFT-s-OFDM QPSK RB1/1 ch167300 AMRWB6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 52.75 dB
ABM1 = 13.02 dBA/m
ABM2 = -39.73 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -1.3, 3.7 mm



0 dB = 4.475 A/m = 13.02 dBA/m

VoNR FDD

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 836.5 MHz;
Duty Cycle: 1:3.55795
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/NR Band n5 20MHz DFT-s-OFDM QPSK RB1/1 ch167300 AMRWB6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 41.11 dB
ABM1 = 4.90 dBA/m
ABM2 = -36.21 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, 7.9, 3.7 mm

0 dB = 1.759 A/m = 4.91 dBA/m

VoNR FDD

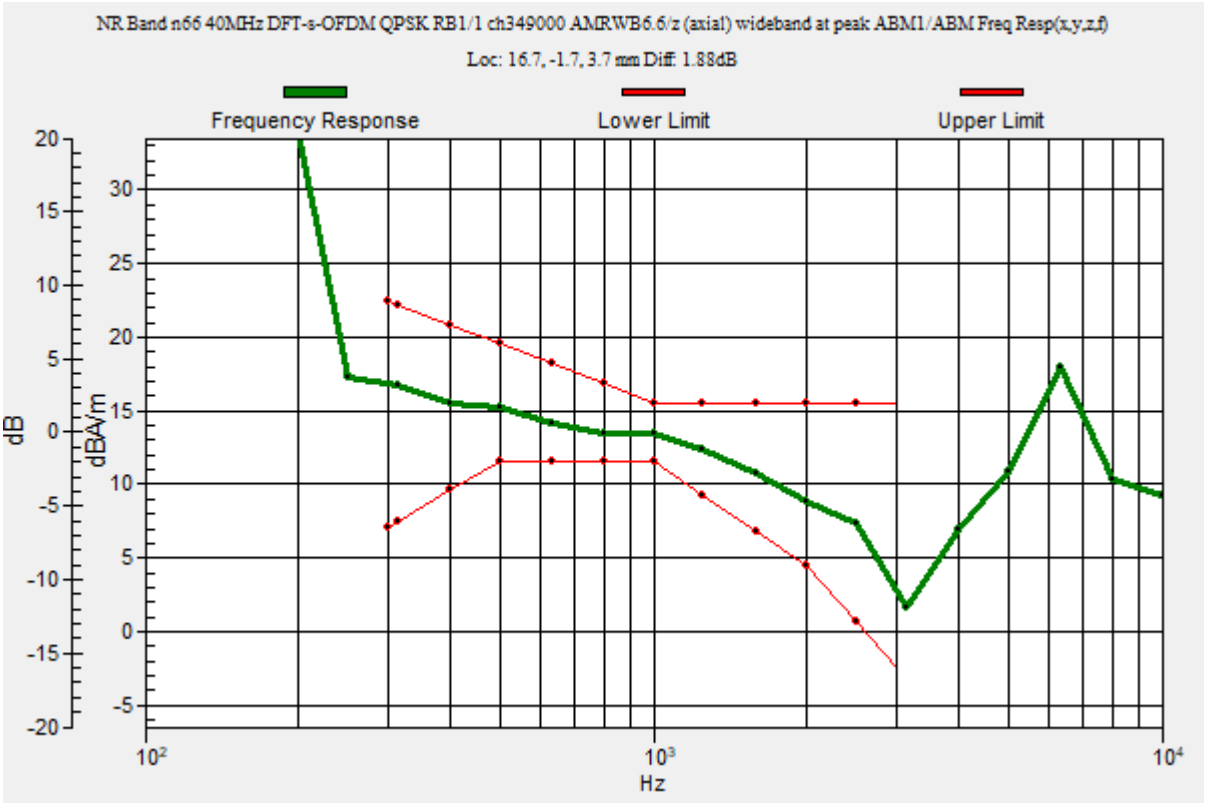
Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1745 MHz;Duty Cycle: 1:3.55877

T-Coil scan (scan for ANSI C63.19 2011 compliance)/NR Band n66 40MHz DFT-s-OFDM QPSK RB1/1 ch349000 AMRWB6.6/z (axial) wideband at peak ABM1/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: 29.72
Measure Window Start: 500ms
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: 16.7, -1.7, 3.7 mm



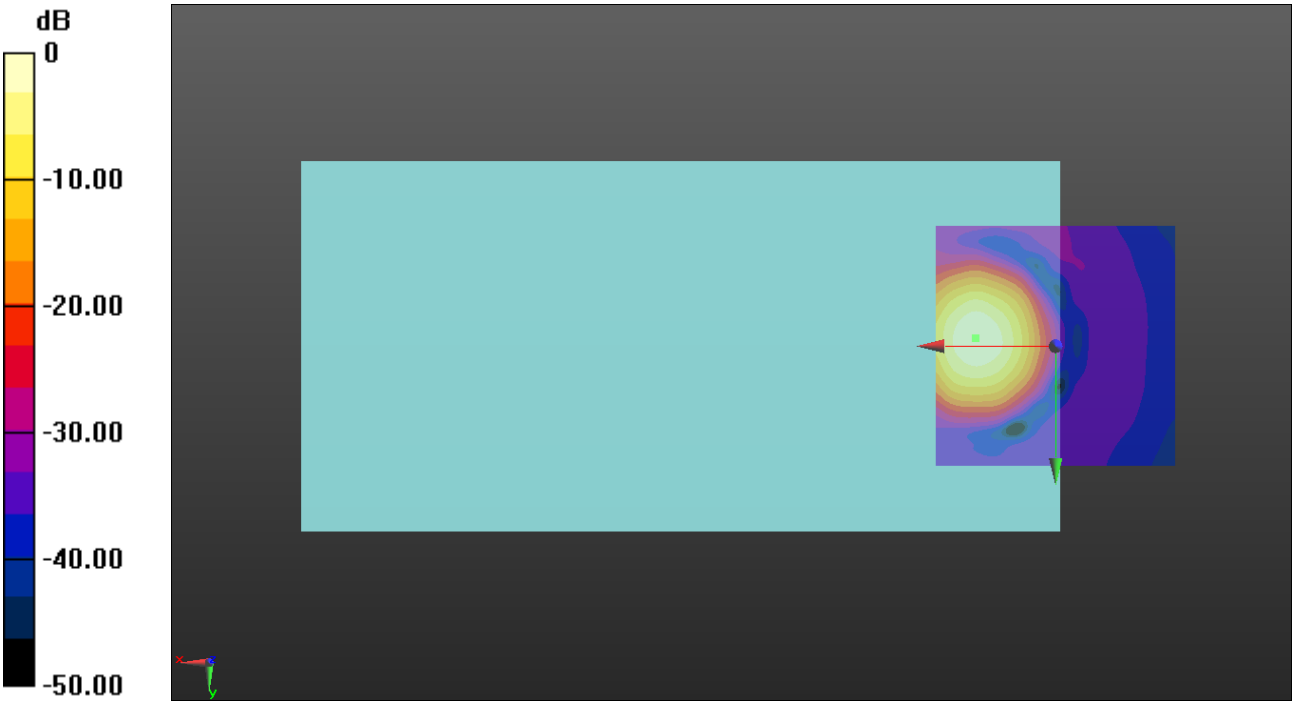
VoNR FDD

Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1745 MHz;
Duty Cycle: 1:3.55877
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/NR Band n66 40MHz DFT-s-OFDM QPSK RB1/1 ch349000 AMRWB6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 49.76 dB
ABM1 = 13.06 dBA/m
ABM2 = -36.70 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -1.7, 3.7 mm



0 dB = 4.499 A/m = 13.06 dBA/m

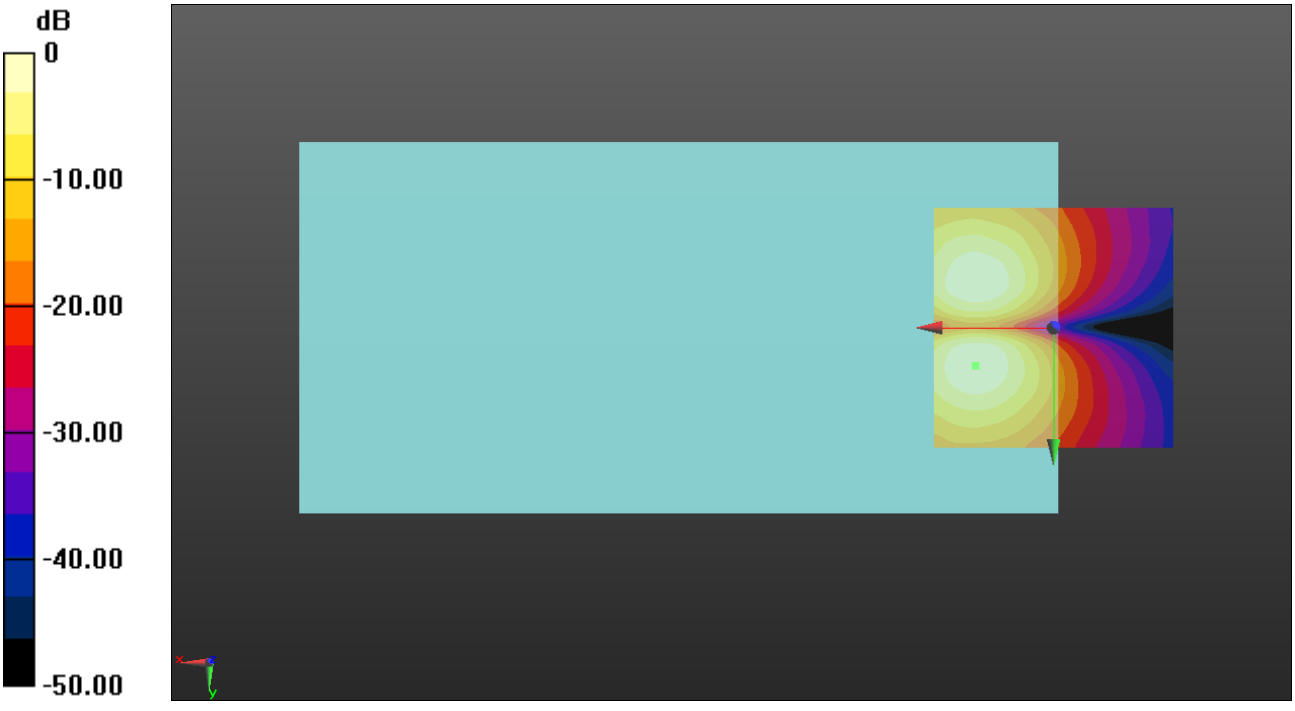
VoNR FDD

Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1745 MHz;
Duty Cycle: 1:3.55877
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/NR Band n66 40MHz DFT-s-OFDM QPSK RB1/1 ch349000 AMRWB6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 39.70 dB
ABM1 = 4.48 dBA/m
ABM2 = -35.22 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, 7.9, 3.7 mm



0 dB = 1.675 A/m = 4.48 dBA/m

VoNR TDD

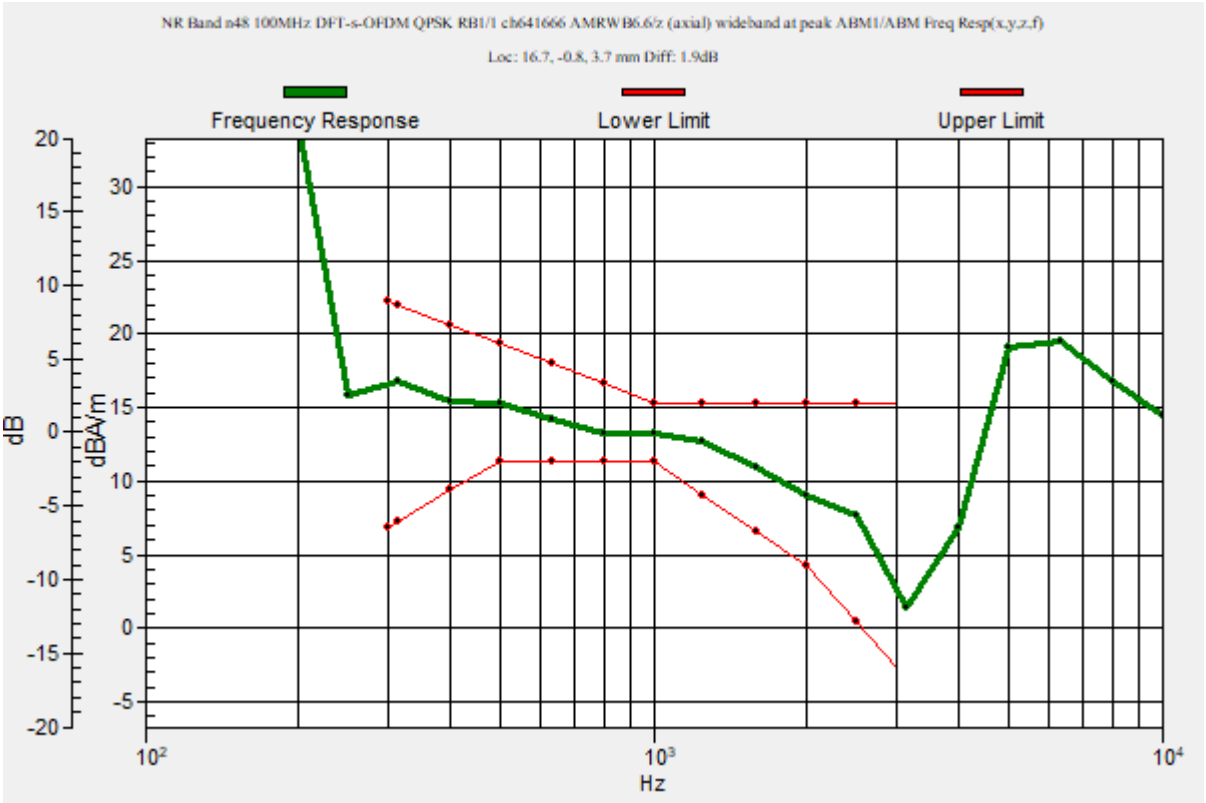
Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3624.99 MHz;Duty Cycle: 1:3.69913

T-Coil scan (scan for ANSI C63.19 2011 compliance)/NR Band n48 40MHz DFT-s-OFDM QPSK RB1/1 ch641666 AMRWB6.6/z (axial) wideband at peak ABM1/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: 29.72
Measure Window Start: 500ms
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 = 1.90 dB
BWC Factor = 10.80 dB
Location: 16.7, -0.8, 3.7 mm



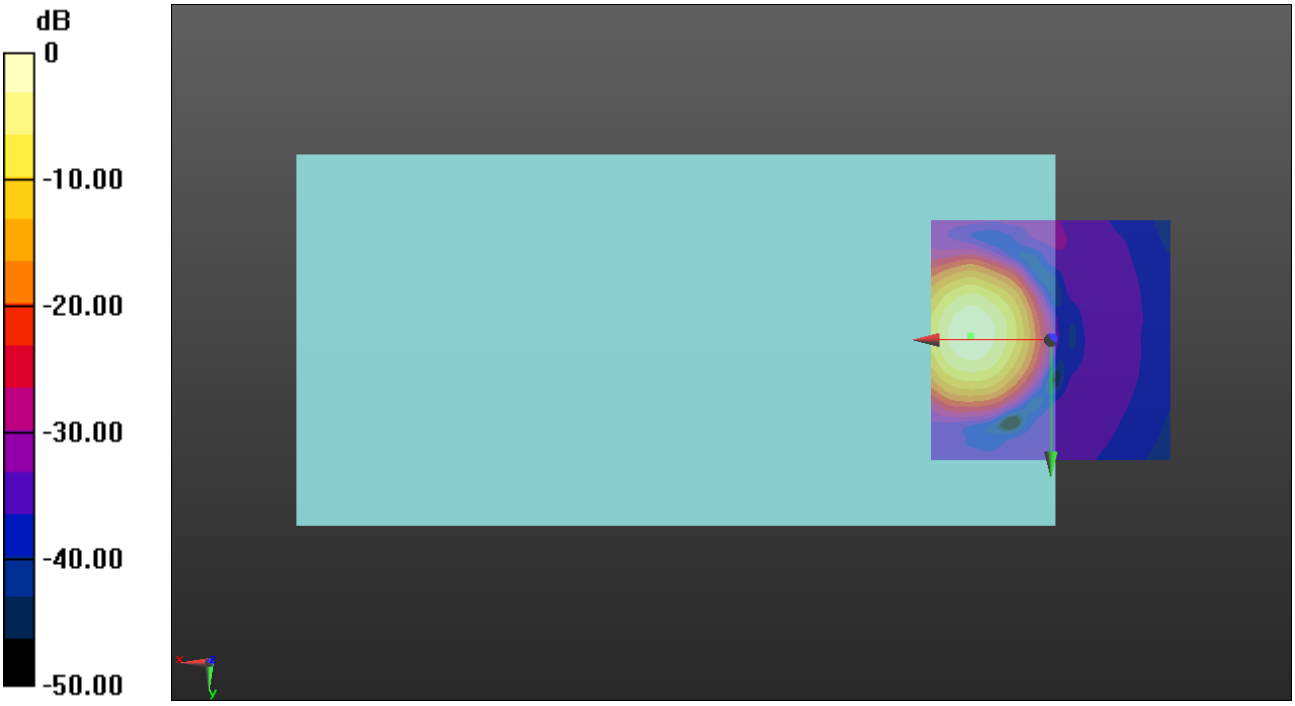
VoNR TDD

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3624.99 MHz; Duty Cycle: 1:3.69913
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/NR Band n48 40MHz DFT-s-OFDM QPSK RB1/1 ch641666 AMRWB6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 40.99 dB
ABM1 = 13.11 dBA/m
ABM2 = -27.88 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -0.8, 3.7 mm



0 dB = 4.524 A/m = 13.11 dBA/m

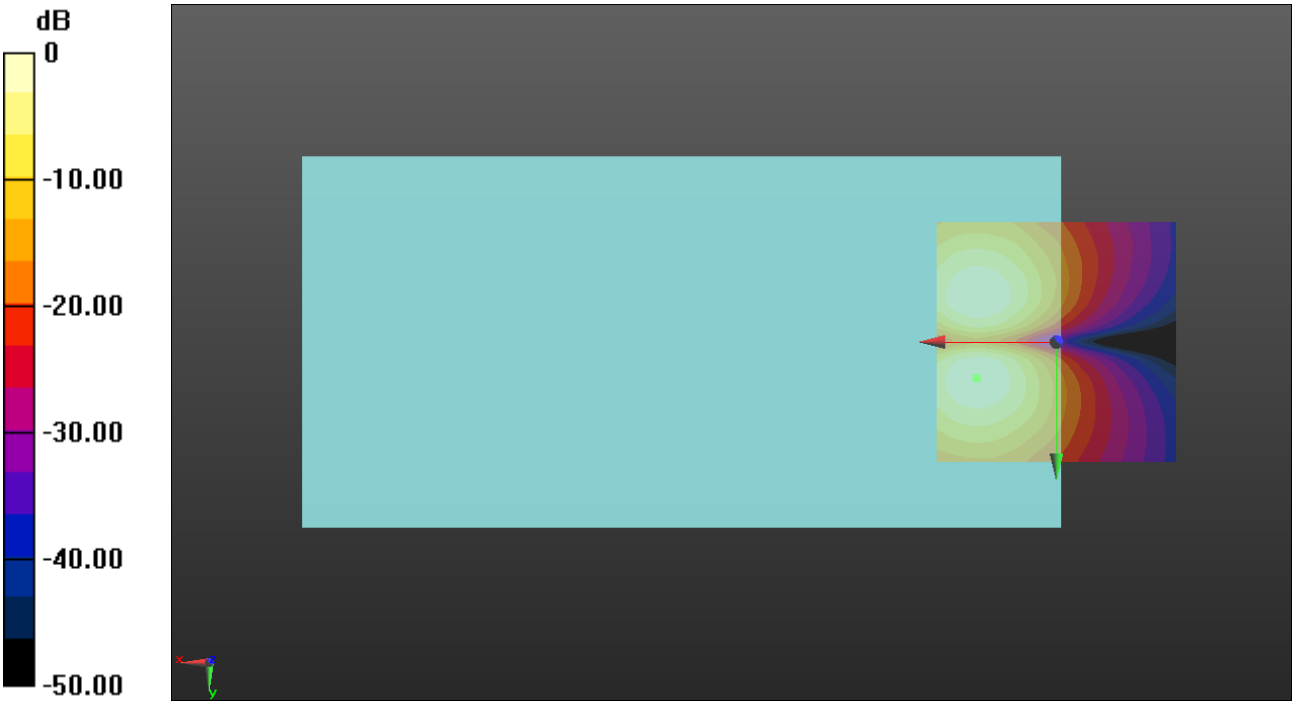
VoNR TDD

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3624.99 MHz; Duty Cycle: 1:3.69913
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/NR Band n48 40MHz DFT-s-OFDM QPSK RB1/1 ch641666 AMRWB6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 33.73 dB
ABM1 = 4.48 dBA/m
ABM2 = -29.25 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, 7.5, 3.7 mm



0 dB = 1.678 A/m = 4.50 dBA/m

VoNR TDD

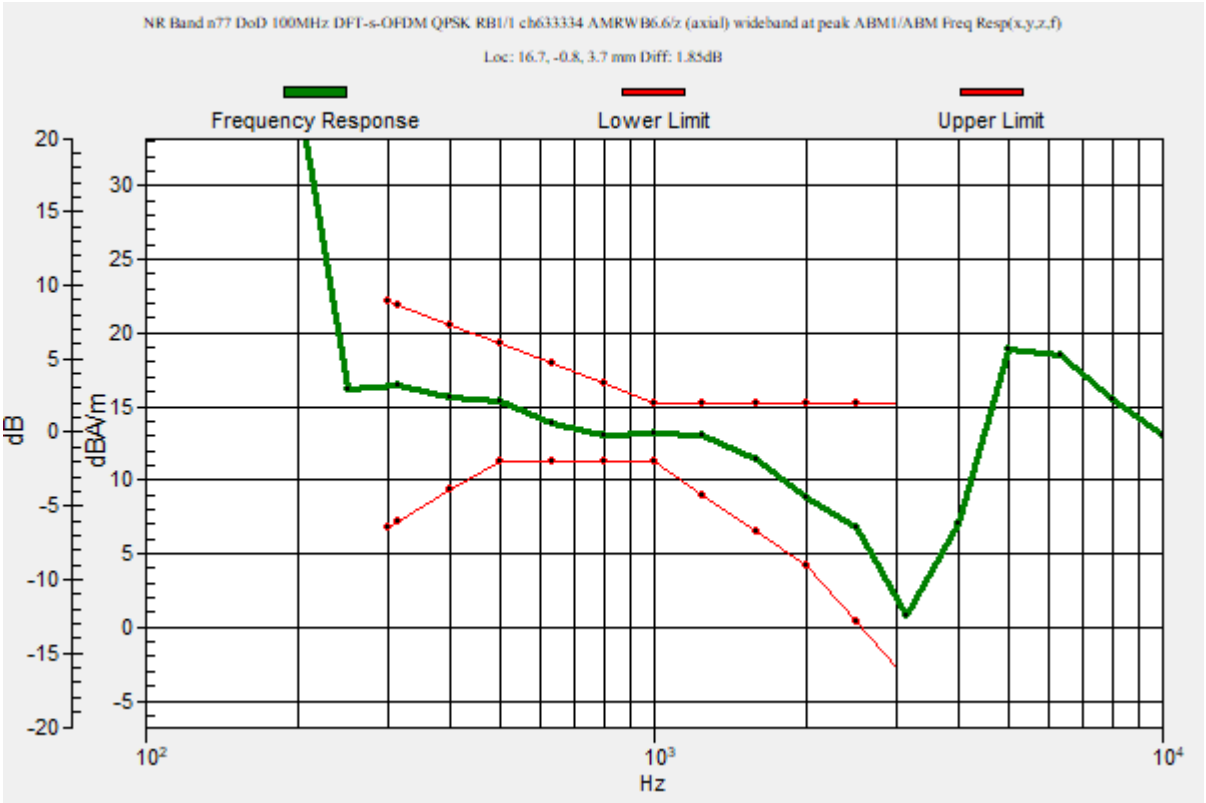
Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3500.01 MHz;Duty Cycle: 1:3.69913

T-Coil scan (scan for ANSI C63.19 2011 compliance)/NR Band n77 DoD 100MHz DFT-s-OFDM QPSK RB1/1 ch633334 AMRWB6.6/z (axial) wideband at peak ABM1/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: 29.72
Measure Window Start: 500ms
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: 16.7, -0.8, 3.7 mm



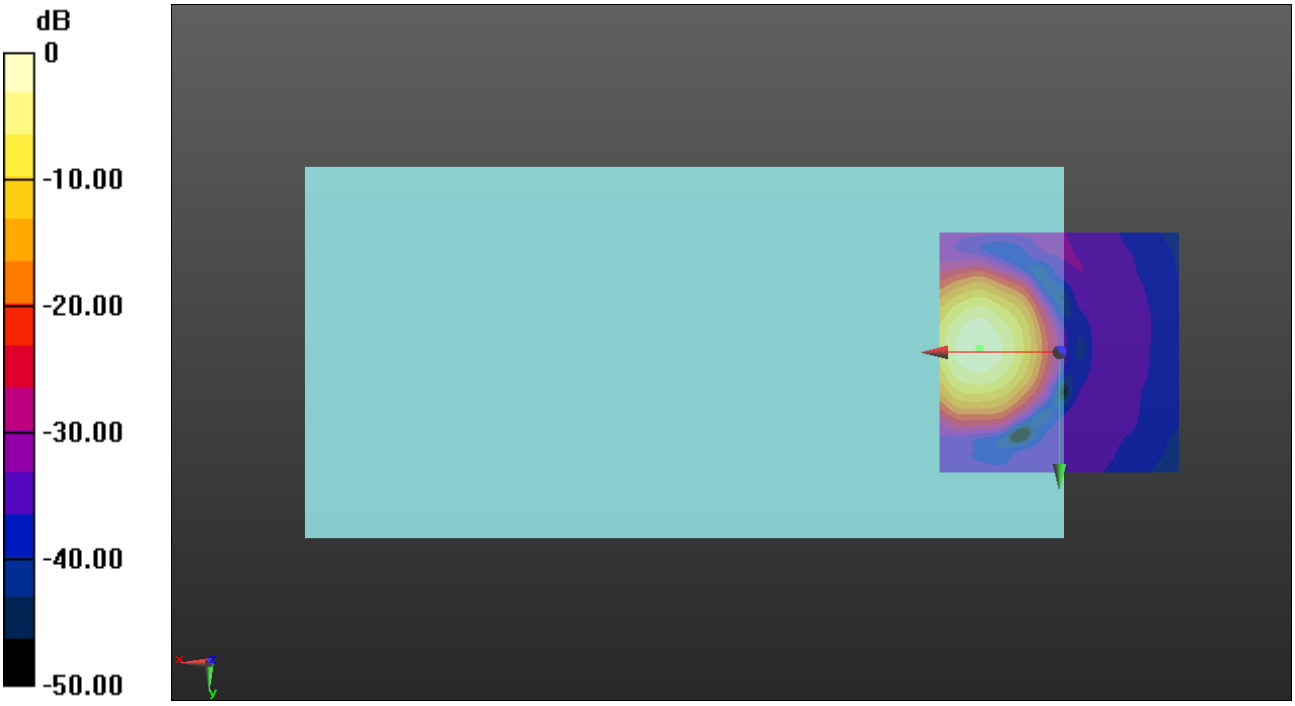
VoNR TDD

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3500.01 MHz; Duty Cycle: 1:3.69913
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/NR Band n77 DoD 100MHz DFT-s-OFDM QPSK RB1/1 ch633334 AMRWB6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 41.39 dB
ABM1 = 13.34 dBA/m
ABM2 = -28.05 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -0.8, 3.7 mm



0 dB = 4.644 A/m = 13.34 dBA/m

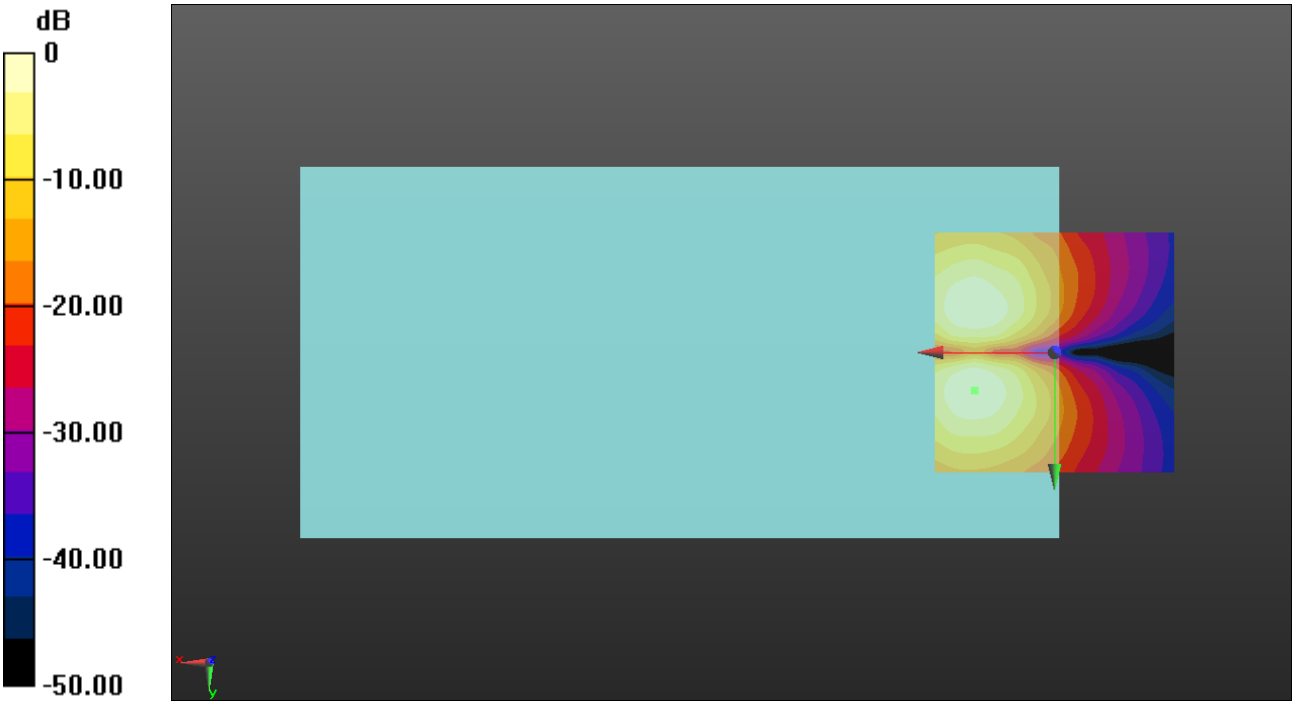
VoNR TDD

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3500.01 MHz; Duty Cycle: 1:3.69913
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/NR Band n77 DoD 100MHz DFT-s-OFDM QPSK RB1/1 ch633334 AMRWB6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 34.47 dB
ABM1 = 4.43 dBA/m
ABM2 = -30.04 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, 7.9, 3.7 mm



0 dB = 1.720 A/m = 4.71 dBA/m

VoNR TDD

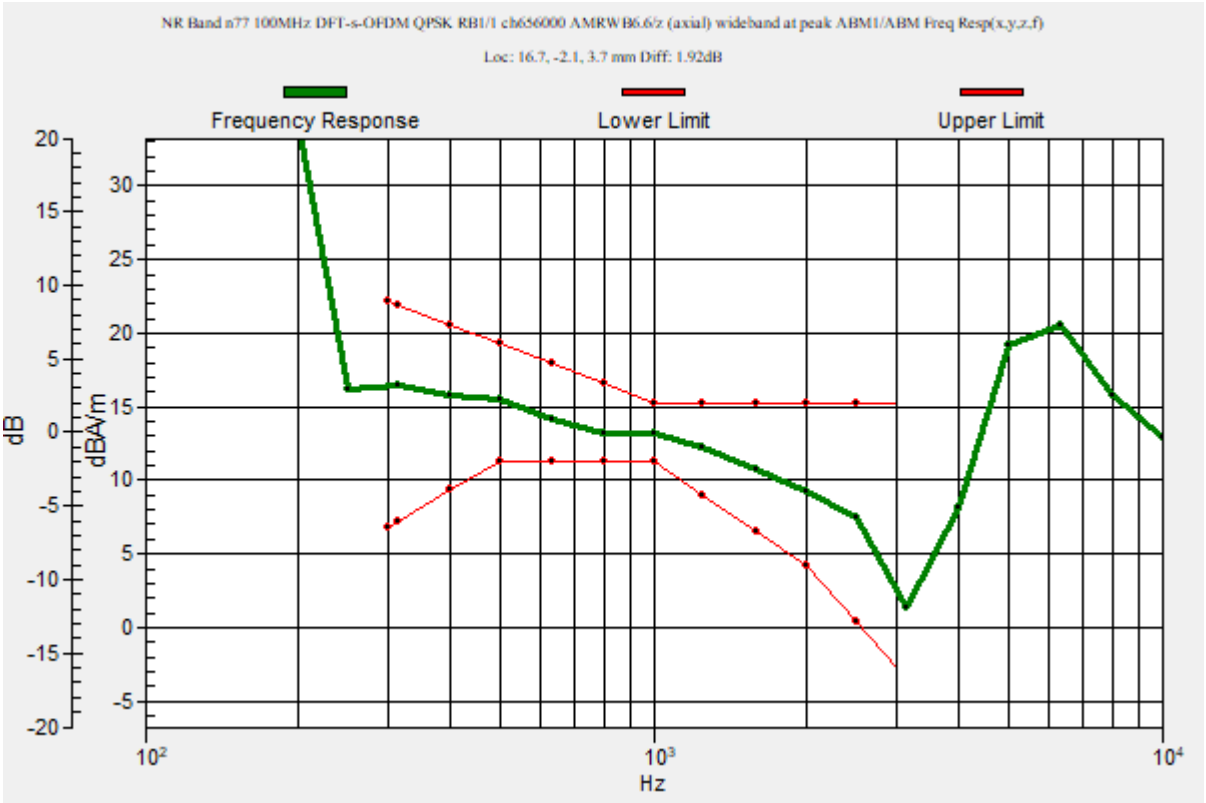
Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3840 MHz;Duty Cycle: 1:3.69913

T-Coil scan (scan for ANSI C63.19 2011 compliance)/NR Band n77 100MHz DFT-s-OFDM QPSK RB1/1 ch656000 AMRWB6.6/z (axial) wideband at peak ABM1/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: 29.72
Measure Window Start: 500ms
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: 16.7, -2.1, 3.7 mm



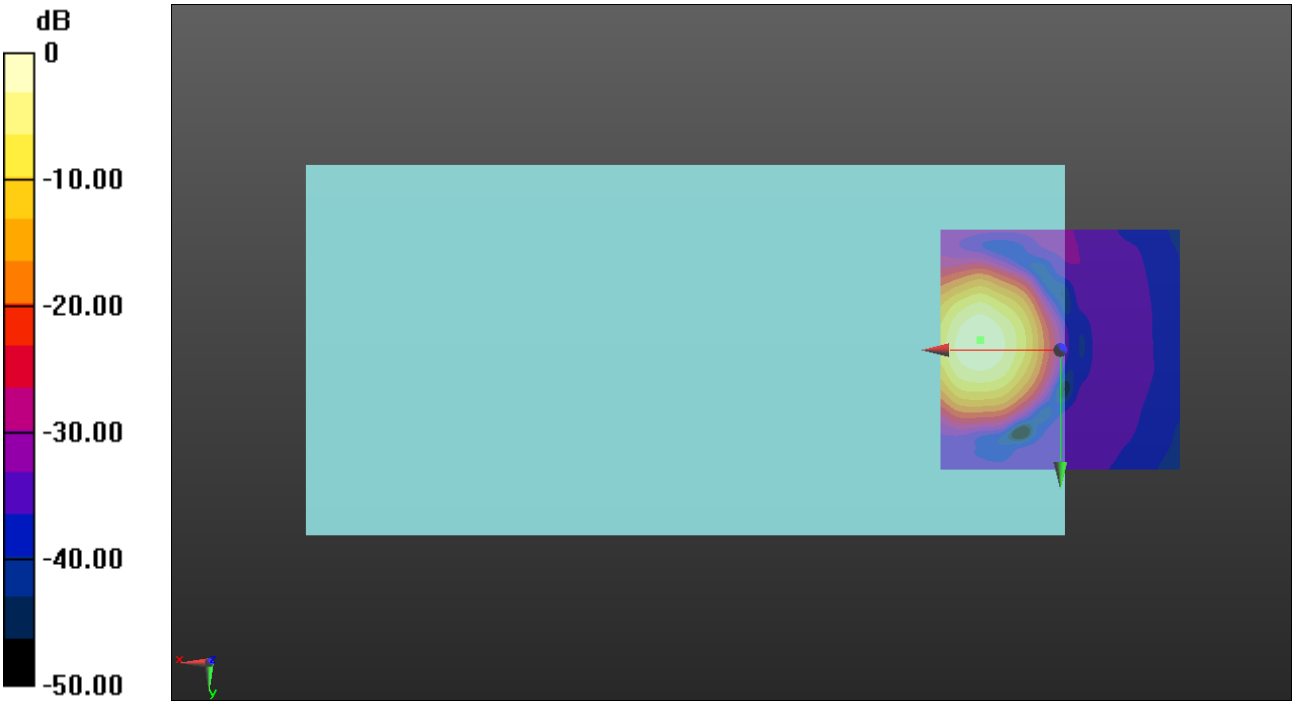
VoNR TDD

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3840 MHz;
Duty Cycle: 1:3.69913
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/NR Band n77 100MHz DFT-s-OFDM QPSK RB1/1 ch656000 AMRWB6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 41.46 dB
ABM1 = 13.11 dBA/m
ABM2 = -28.35 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -2.1, 3.7 mm



0 dB = 4.522 A/m = 13.11 dBA/m

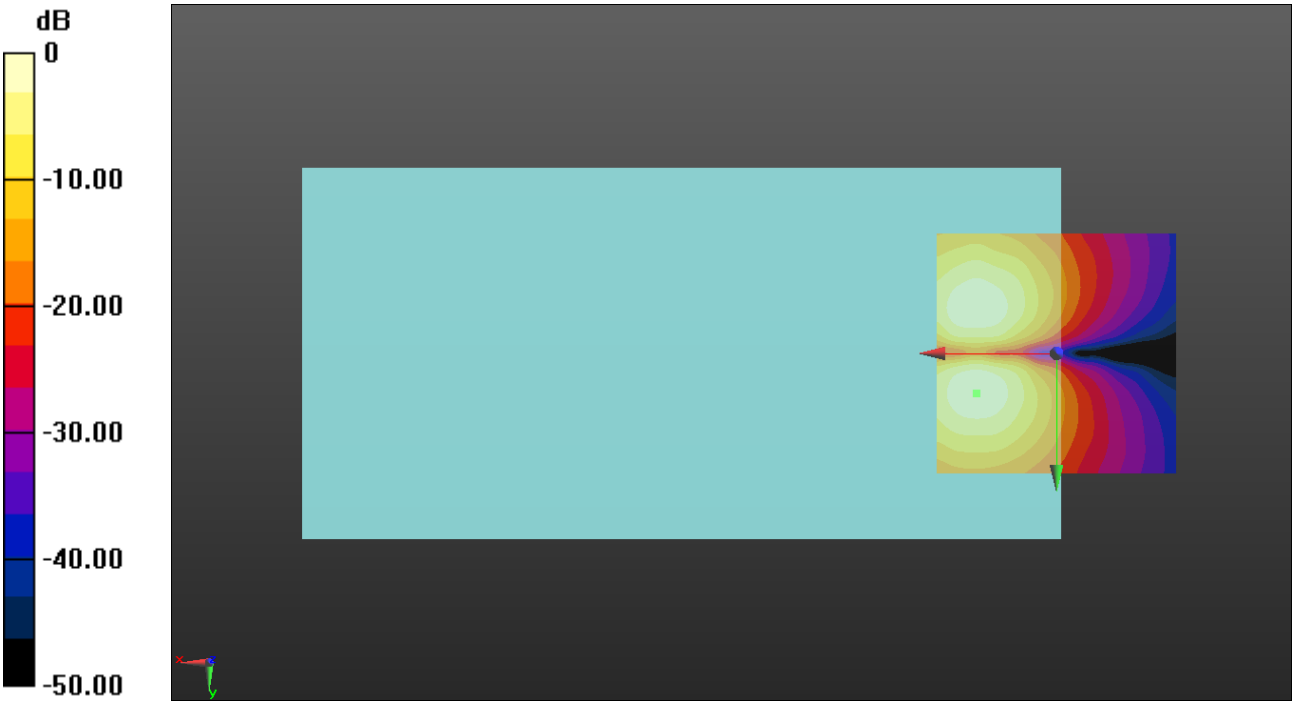
VoNR TDD

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3840 MHz;
Duty Cycle: 1:3.69913
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/NR Band n77 100MHz DFT-s-OFDM QPSK RB1/1 ch656000 AMRWB6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 35.20 dB
ABM1 = 4.93 dBA/m
ABM2 = -30.27 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, 8.3, 3.7 mm



0 dB = 1.763 A/m = 4.93 dBA/m

VoWiFi

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

T-Coil scan (scan for ANSI C63.19 2011 compliance)/VoWiFi 11b ch6 1Mbps WBAMR6.6/z (axial) wideband at peak ABM1/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: 29.72
Measure Window Start: 500ms
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, -2.5, 3.7 mm

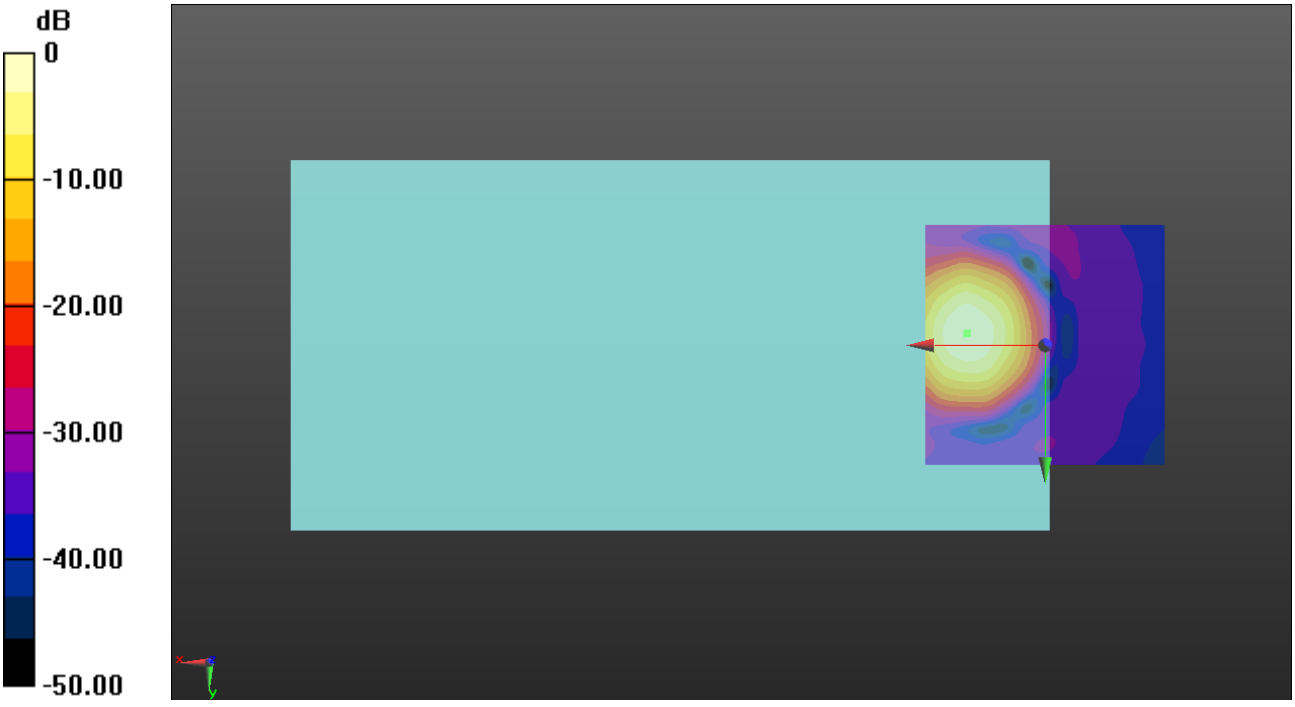
VoWiFi

Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/VoWiFi 11b ch6 1Mbps WBAMR6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 55.94 dB
ABM1 = 18.36 dBA/m
ABM2 = -37.58 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, -2.5, 3.7 mm



0 dB = 8.275 A/m = 18.36 dBA/m

VoWiFi

Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/VoWiFi 11b ch6 1Mbps WBAMR6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 43.01 dB
ABM1 = 10.26 dBA/m
ABM2 = -32.75 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, 7.1, 3.7 mm

0 dB = 3.353 A/m = 10.51 dBA/m

VoWiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5200 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/VoWiFi 11a ch40 6Mbps WBAMR6.6/z (axial) wideband at peak ABM1/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: 29.72
Measure Window Start: 500ms
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: 16.7, -2.5, 3.7 mm

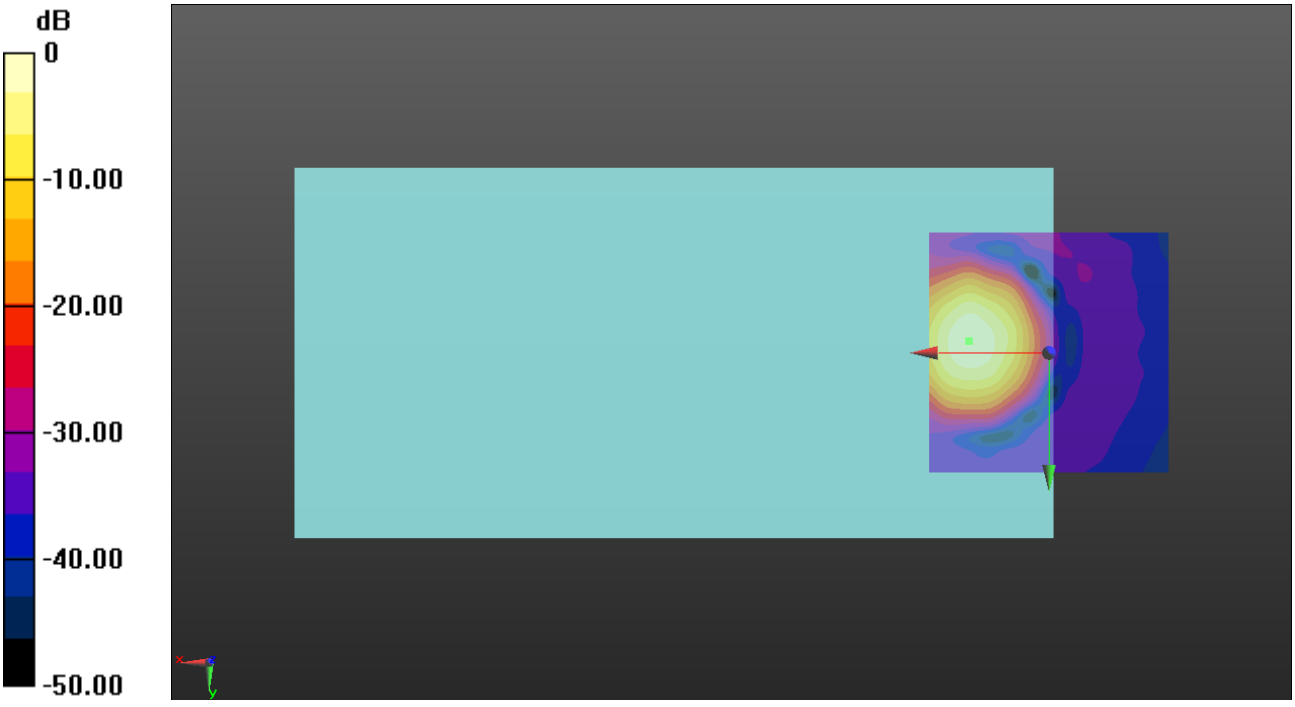
VoWiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/VoWiFi 11a ch40 6Mbps WBAMR6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 56.44 dB
ABM1 = 19.01 dBA/m
ABM2 = -37.43 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -2.5, 3.7 mm



0 dB = 8.923 A/m = 19.01 dBA/m

VoWiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/VoWiFi 11a ch40 6Mbps WBAMR6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
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 = 10.42 dBA/m
ABM2 = -30.78 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -10.4, 3.7 mm

0 dB = 3.318 A/m = 10.42 dBA/m

VoWiFi

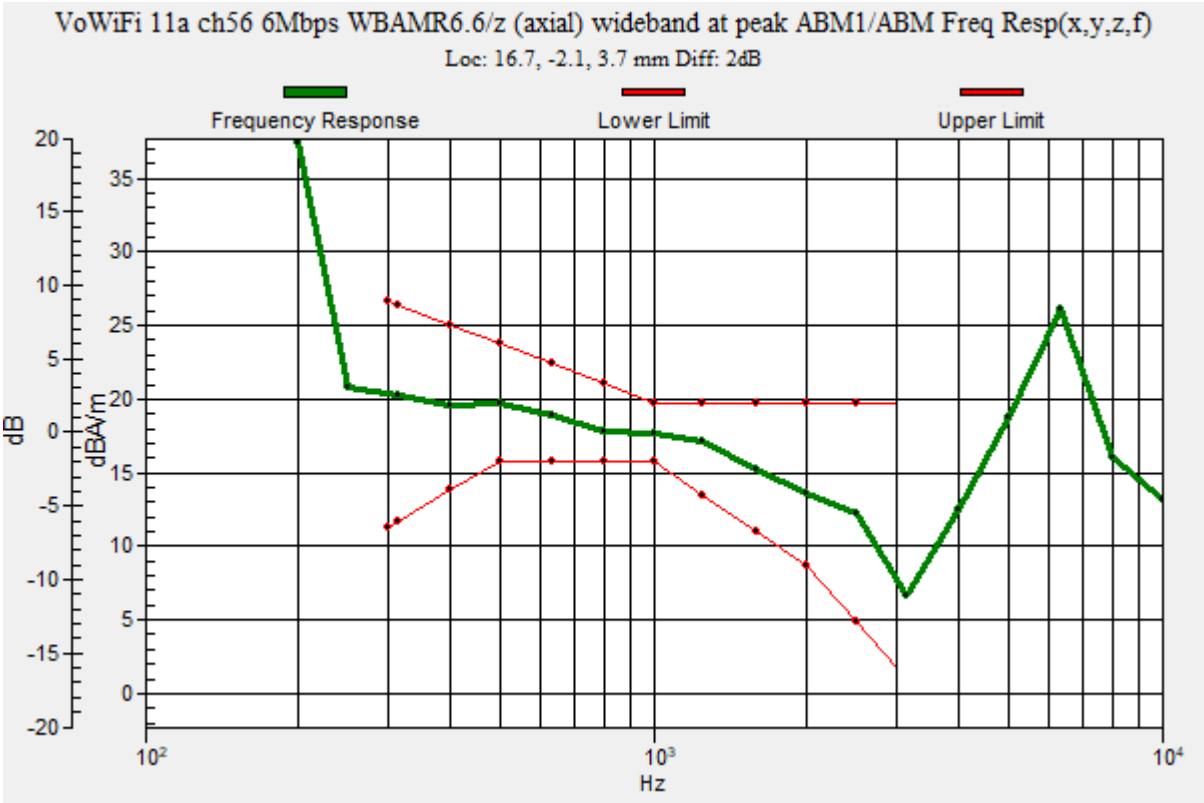
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5280 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/VoWiFi 11a ch56 6Mbps WBAMR6.6/z (axial) wideband at peak ABM1/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: 29.72
Measure Window Start: 500ms
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: 16.7, -2.1, 3.7 mm



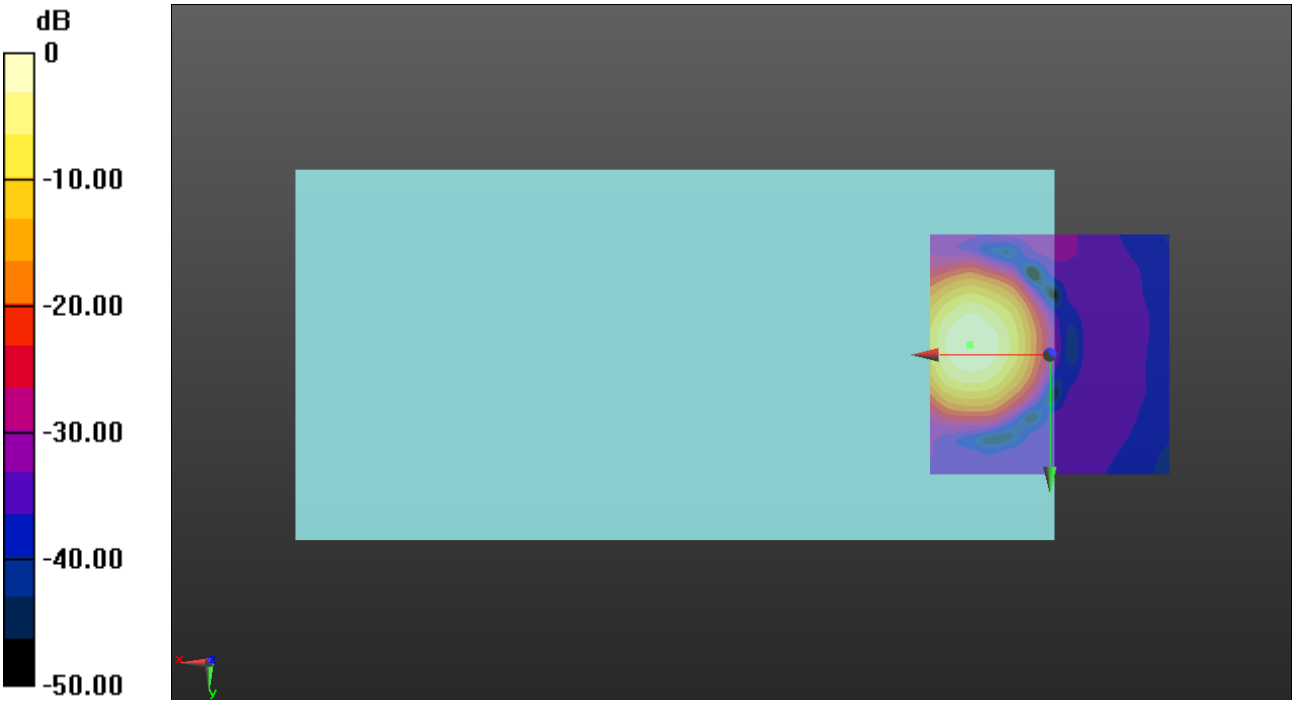
VoWiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5280 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/VoWiFi 11a ch56 6Mbps WBAMR6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 60.89 dB
ABM1 = 18.38 dBA/m
ABM2 = -42.51 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -2.1, 3.7 mm



0 dB = 8.295 A/m = 18.38 dBA/m

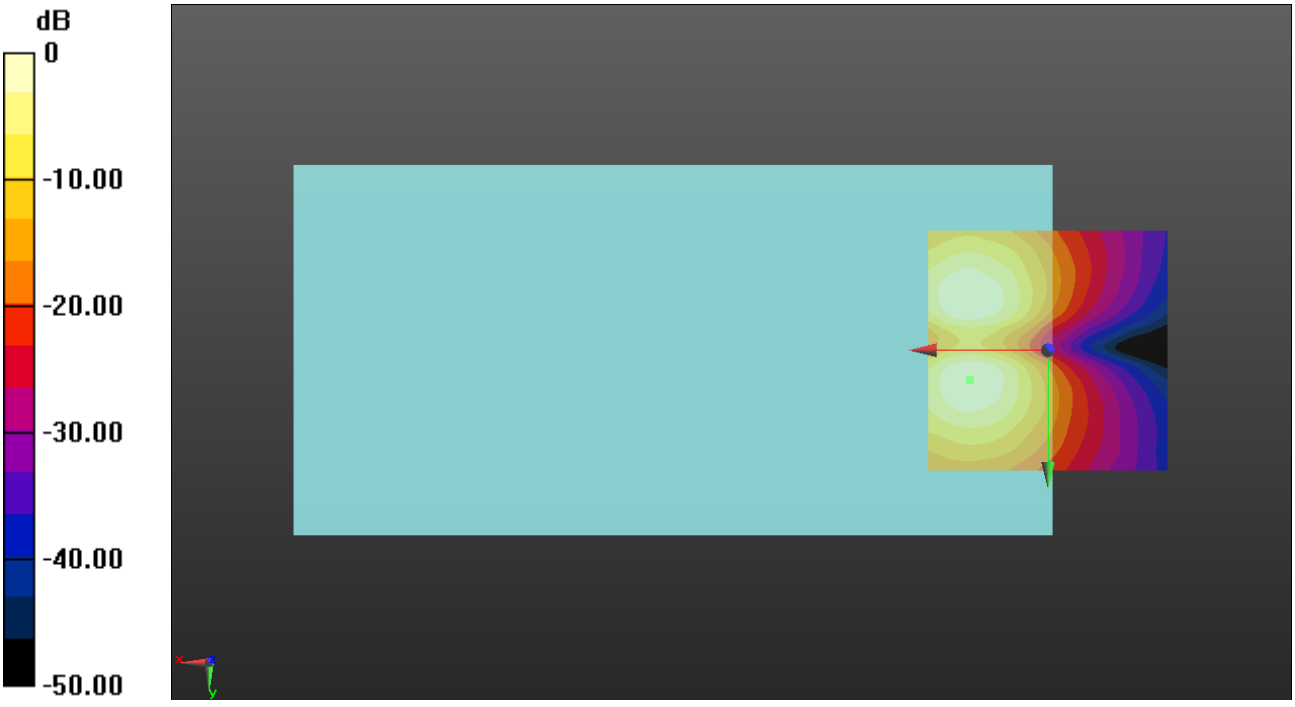
VoWiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5280 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/VoWiFi 11a ch56 6Mbps WBAMR6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 52.57 dB
ABM1 = 10.37 dBA/m
ABM2 = -42.20 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, 6.2, 3.7 mm



0 dB = 3.301 A/m = 10.37 dBA/m

VoWiFi

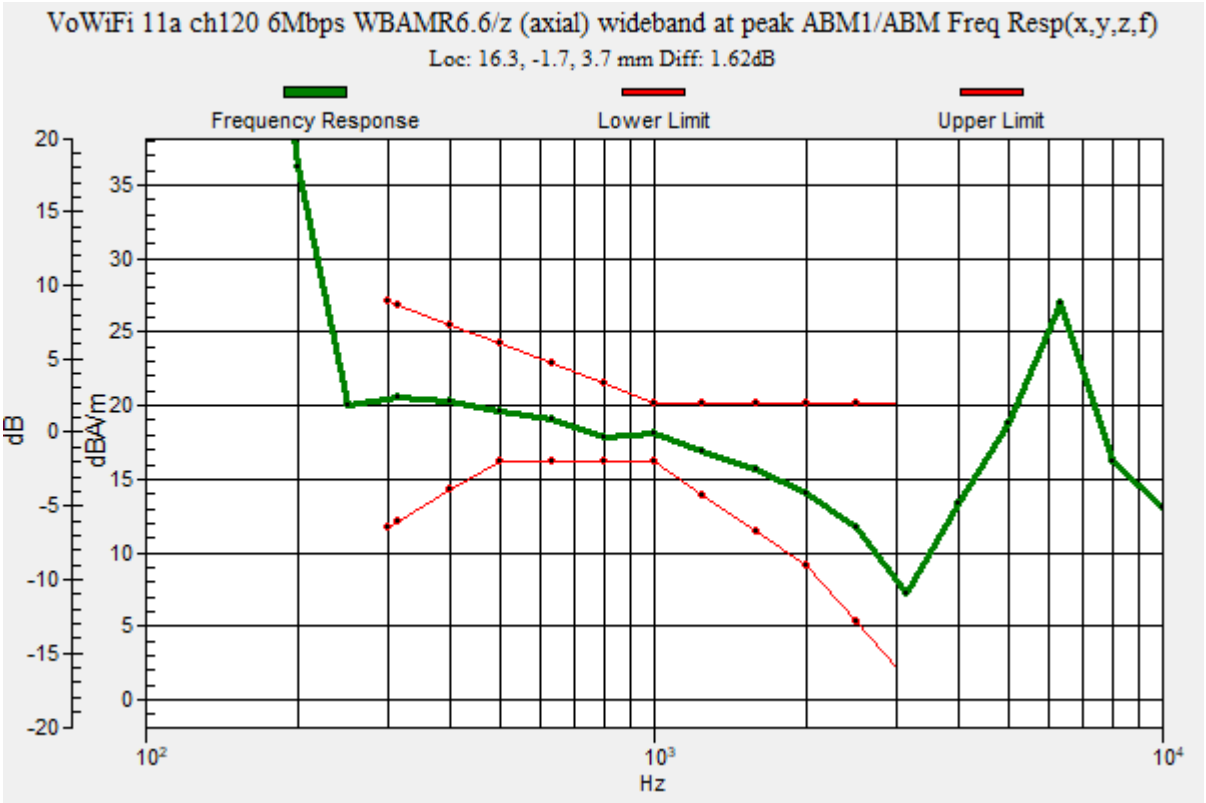
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5600 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/VoWiFi 11a ch120 6Mbps WBAMR6.6/z (axial) wideband at peak ABM1/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: 29.72
Measure Window Start: 500ms
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 = 1.62 dB
BWC Factor = 10.80 dB
Location: 16.3, -1.7, 3.7 mm



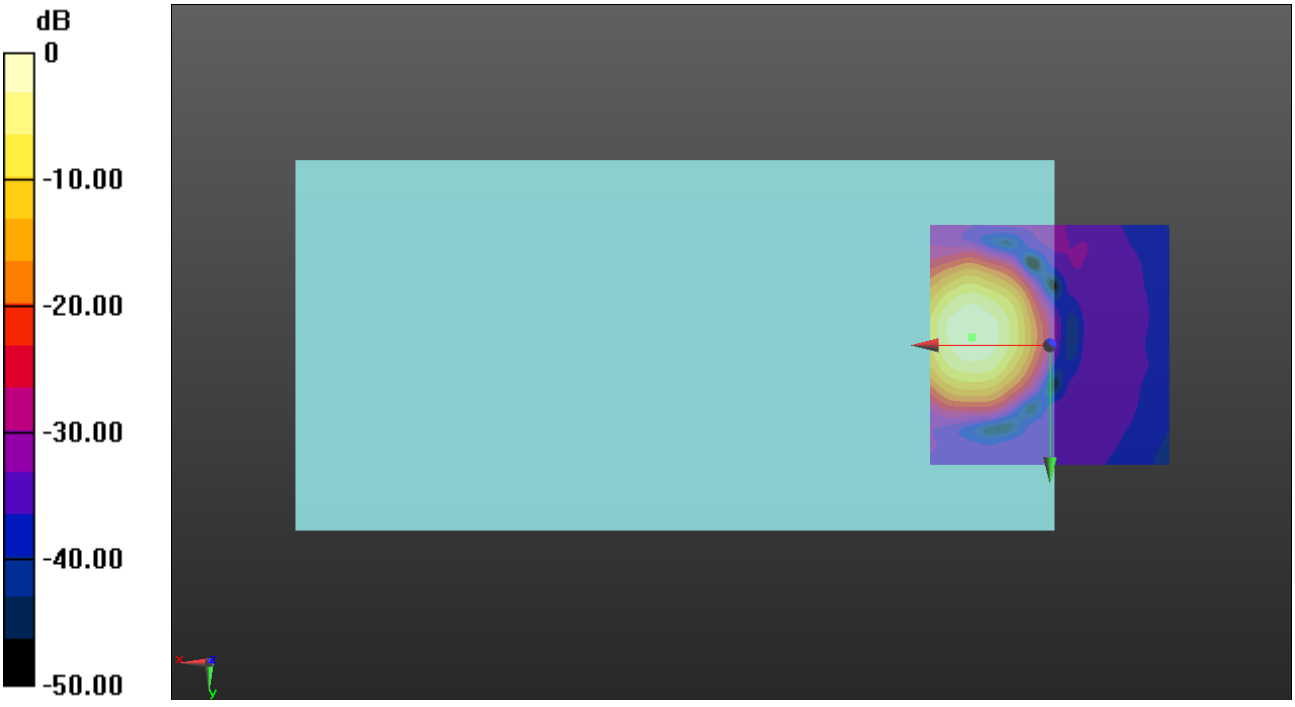
VoWiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/VoWiFi 11a ch120 6Mbps WBAMR6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 60.45 dB
ABM1 = 18.38 dBA/m
ABM2 = -42.07 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, -1.7, 3.7 mm



0 dB = 8.302 A/m = 18.38 dBA/m

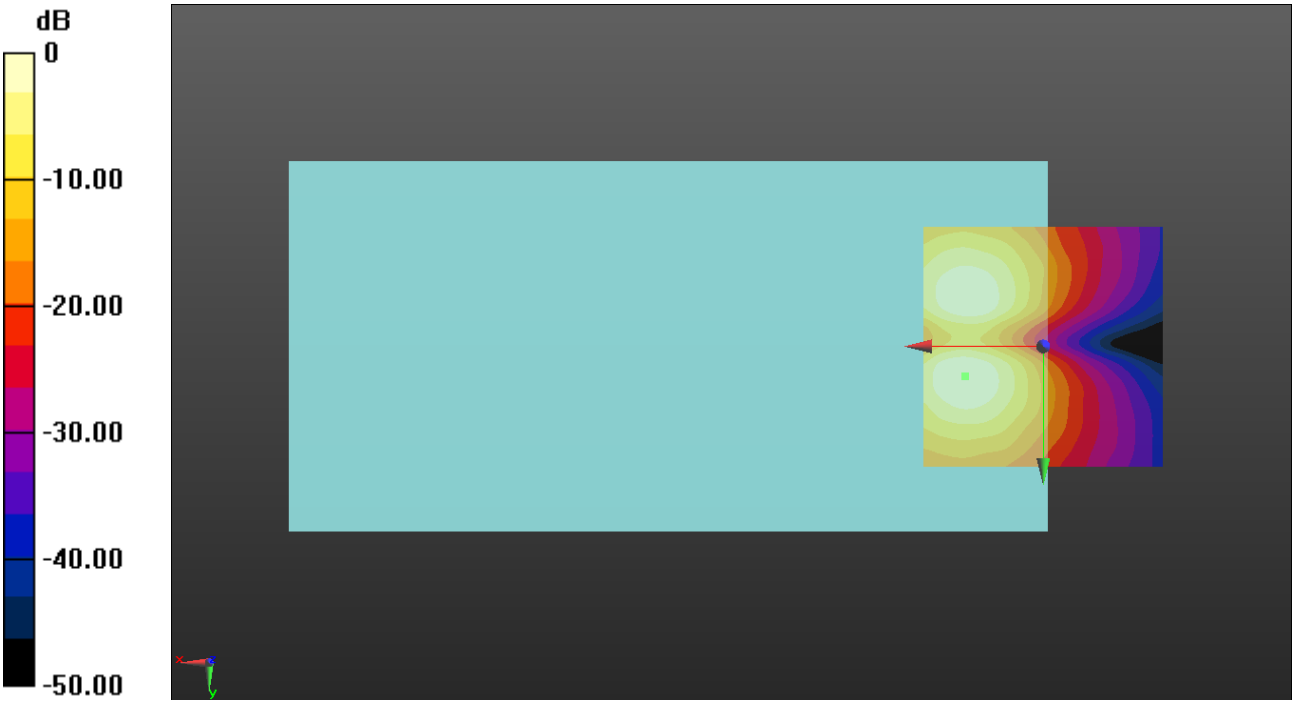
VoWiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/VoWiFi 11a ch120 6Mbps WBAMR6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 52.00 dB
ABM1 = 10.17 dBA/m
ABM2 = -41.83 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, 6.2, 3.7 mm



0 dB = 3.226 A/m = 10.17 dBA/m

VoWiFi

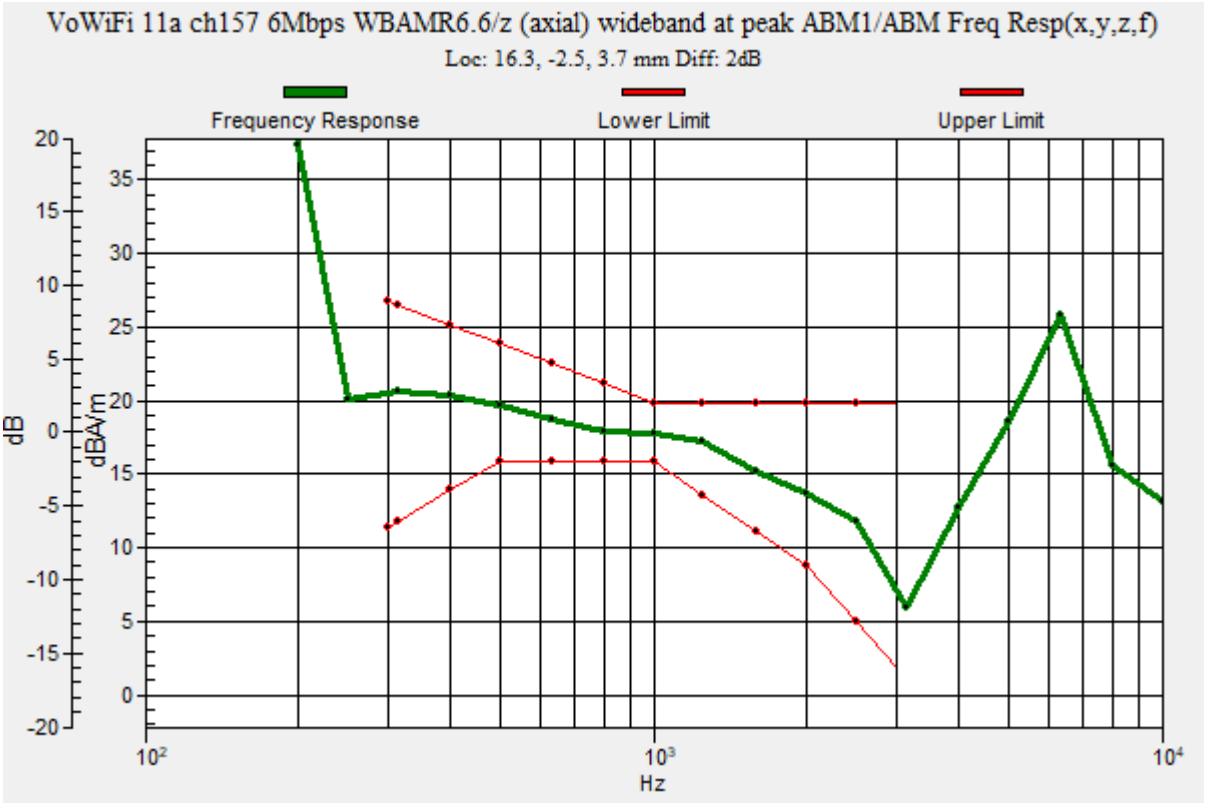
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5785 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/VoWiFi 11a ch157 6Mbps WBAMR6.6/z (axial) wideband at peak ABM1/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: 29.72
Measure Window Start: 500ms
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, -2.5, 3.7 mm



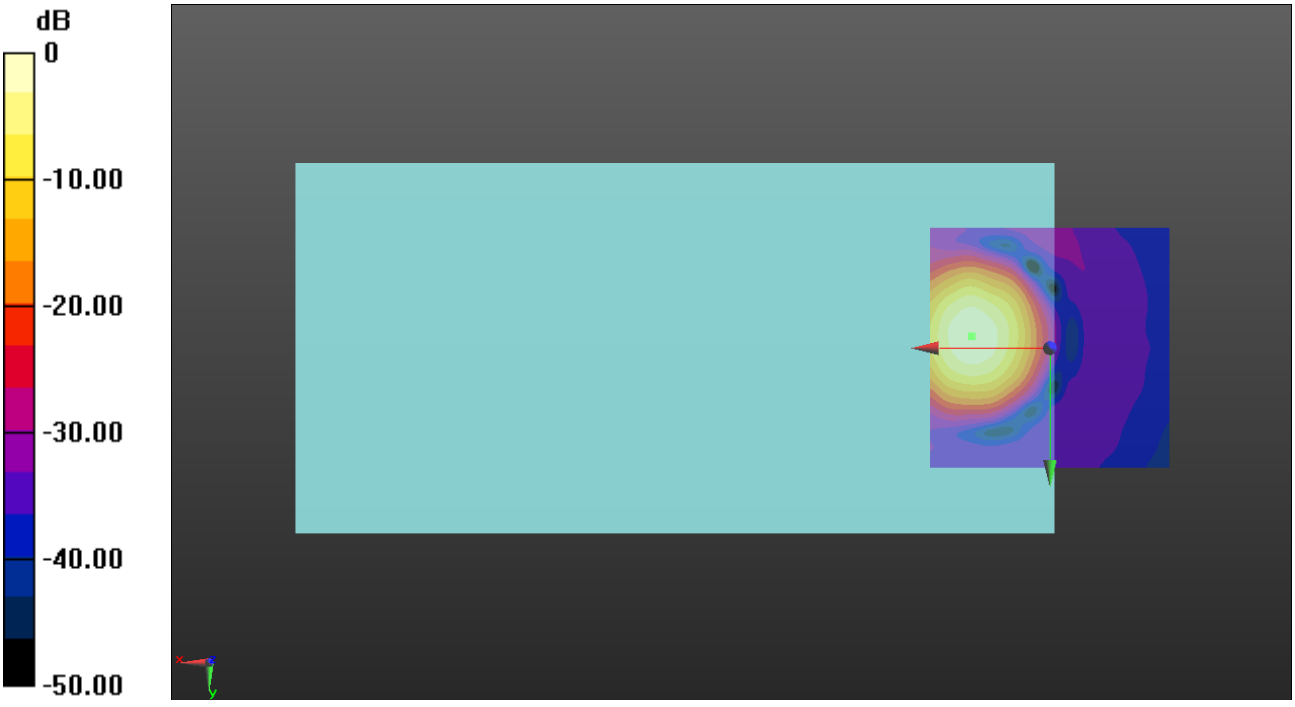
VoWiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/VoWiFi 11a ch157 6Mbps WBAMR6.6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 60.19 dB
ABM1 = 18.48 dBA/m
ABM2 = -41.71 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, -2.5, 3.7 mm



0 dB = 8.398 A/m = 18.48 dBA/m

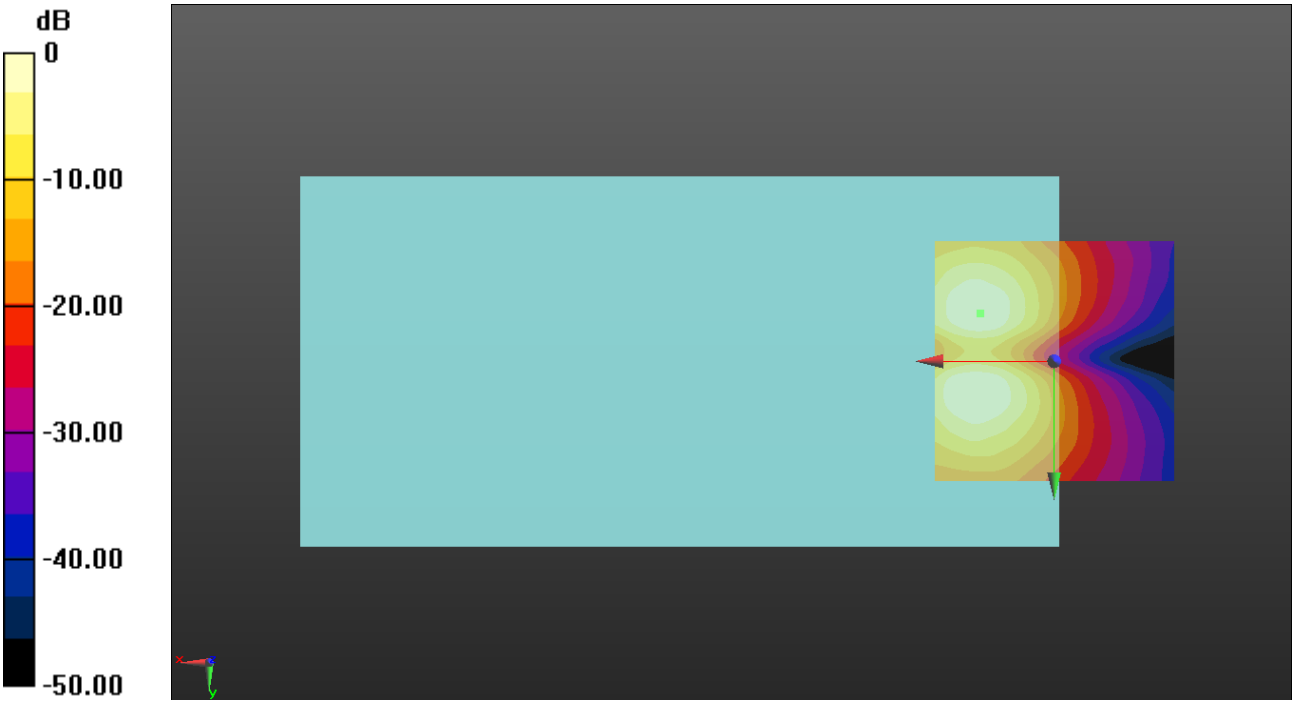
VoWiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/VoWiFi 11a ch157 6Mbps WBAMR6.6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 15.17
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 42.23 dB
ABM1 = 10.31 dBA/m
ABM2 = -31.92 dBA/m
BWC Factor = 0.16 dB
Location: 15.4, -10, 3.7 mm



0 dB = 3.277 A/m = 10.31 dBA/m

OTT EDGE

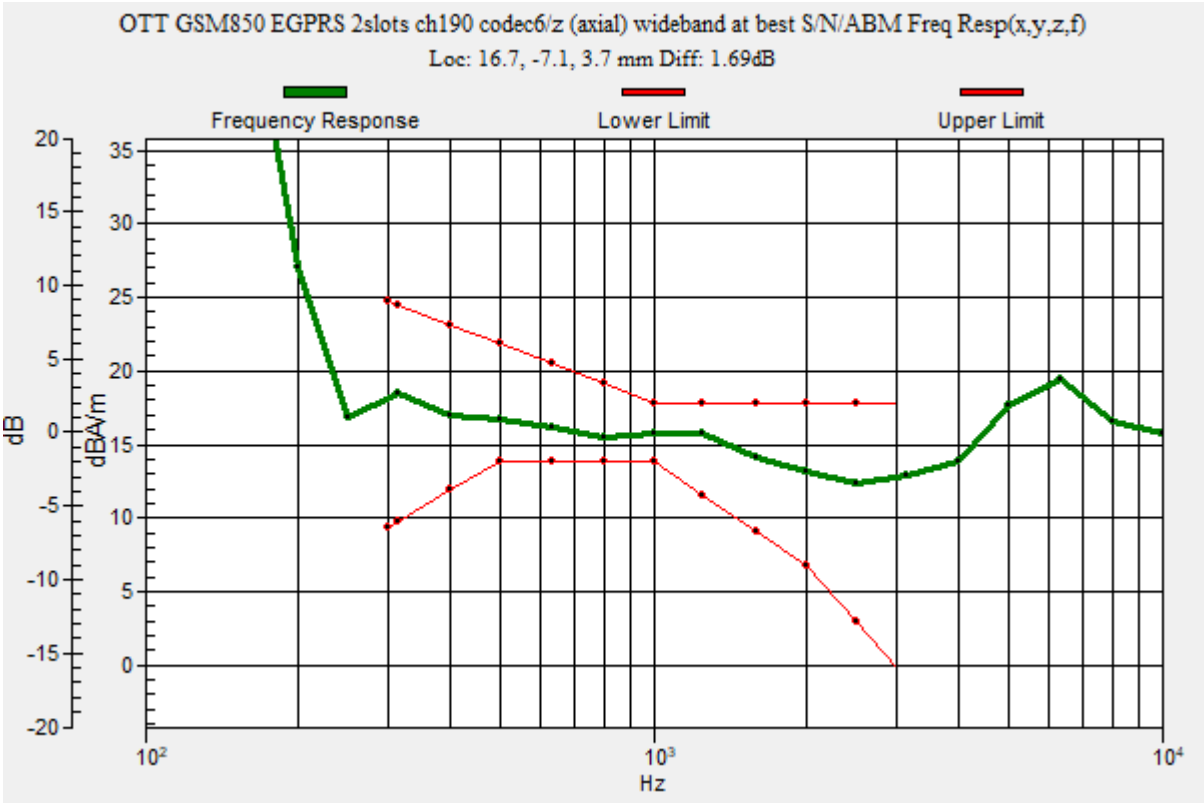
Communication System: UID 10026 - DAC, EDGE-FDD (TDMA, 8PSK, TN 0-1); Frequency: 836.6 MHz;Duty Cycle: 1:9.02194

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT GSM850 EGPRS 2slots ch190 codec6/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: 38.59
Measure Window Start: 11000ms
Measure Window Length: 4000ms
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: 16.7, -7.1, 3.7 mm



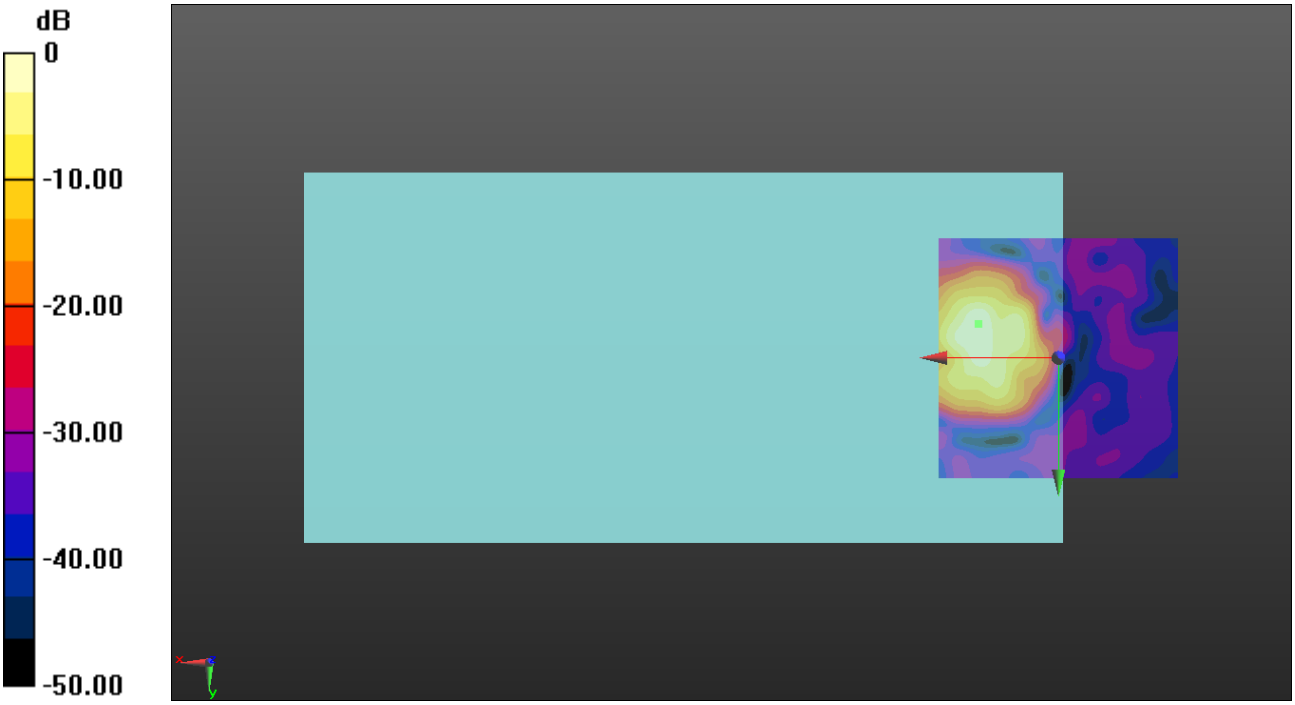
OTT EDGE

Communication System: UID 10026 - DAC, EDGE-FDD (TDMA, 8PSK, TN 0-1); Frequency: 836.6 MHz; Duty Cycle: 1:9.02194
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT GSM850 EGPRS 2slots ch190 codec6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 3000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 43.93 dB
ABM1 = 16.70 dBA/m
ABM2 = -27.23 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -7.1, 3.7 mm



0 dB = 6.841 A/m = 16.70 dBA/m

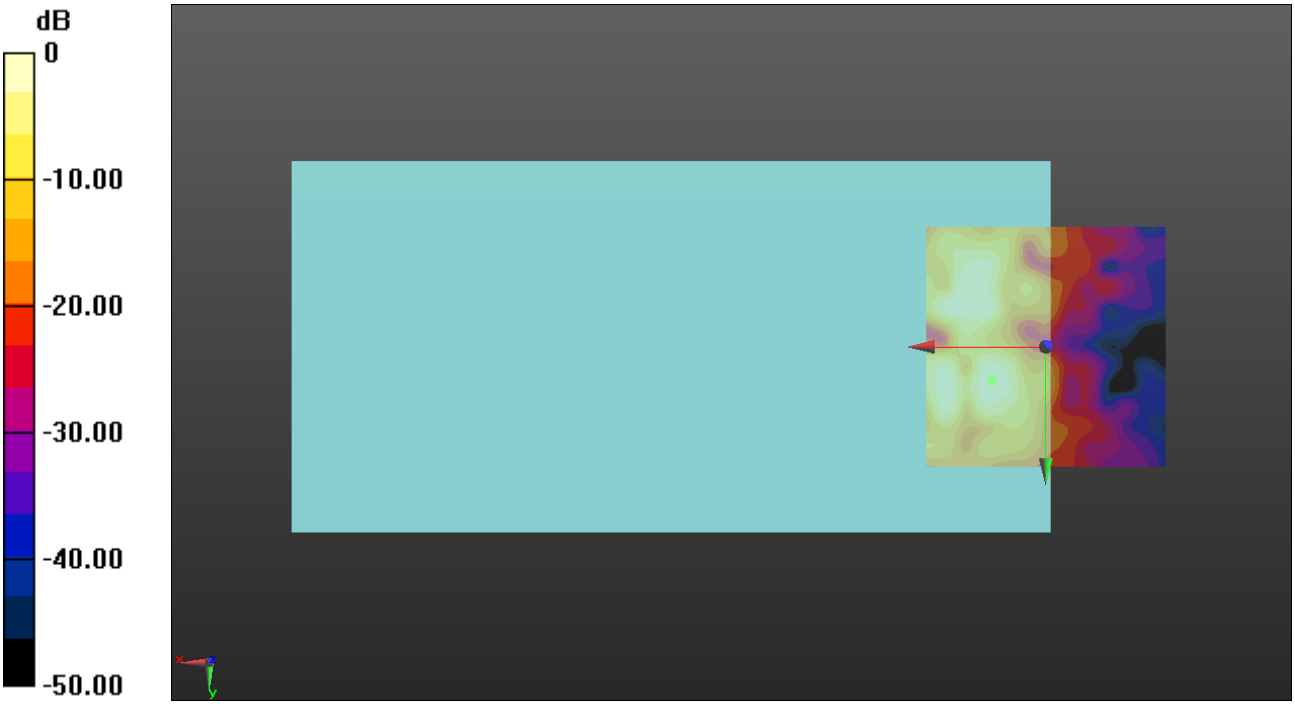
OTT EDGE

Communication System: UID 10026 - DAC, EDGE-FDD (TDMA, 8PSK, TN 0-1); Frequency: 836.6 MHz; Duty Cycle: 1:9.02194
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT GSM850 EGPRS 2slots ch190 codec6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 3000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 44.83 dB
ABM1 = 8.64 dBA/m
ABM2 = -36.19 dBA/m
BWC Factor = 0.16 dB
Location: 11.3, 7.1, 3.7 mm



0 dB = 3.046 A/m = 9.67 dBA/m

OTT EDGE

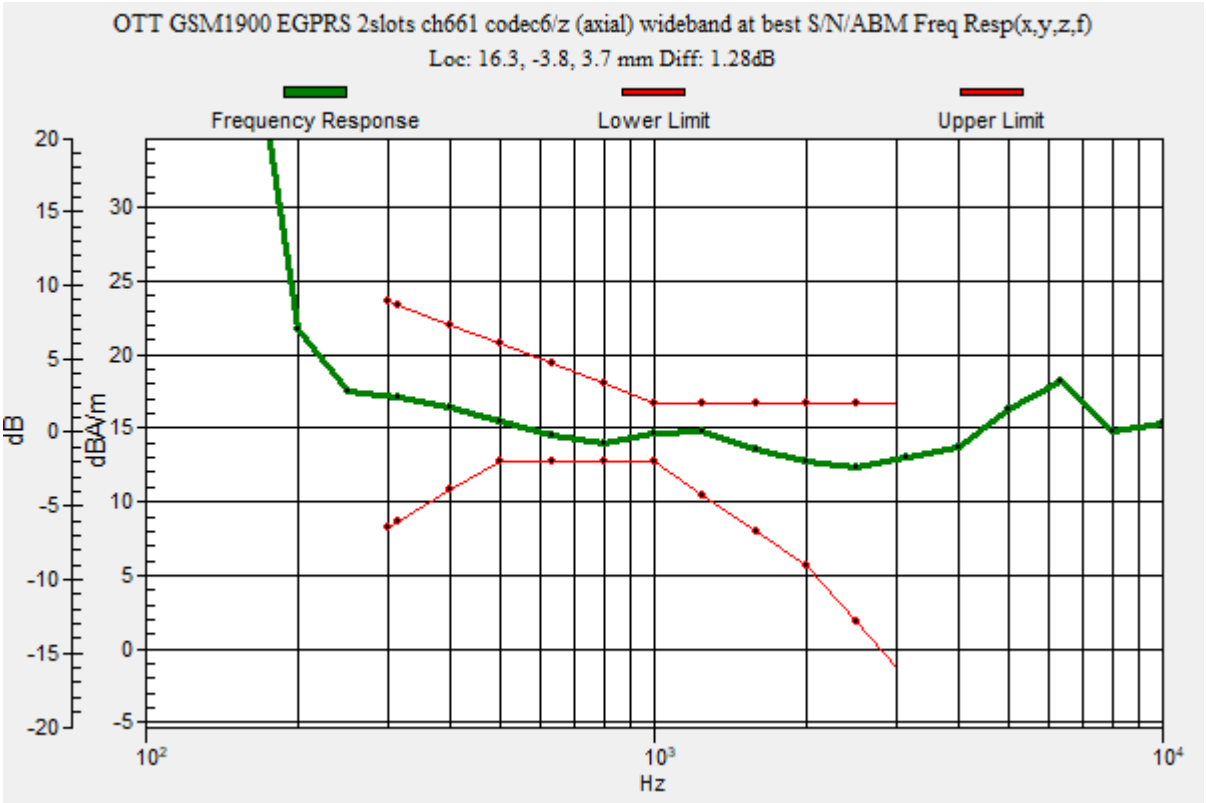
Communication System: UID 10026 - DAC, EDGE-FDD (TDMA, 8PSK, TN 0-1); Frequency: 836.6 MHz;Duty Cycle: 1:9.02194

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT GSM1900 EGPRS 2slots ch661 codec6/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: 38.59
Measure Window Start: 11000ms
Measure Window Length: 4000ms
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 = 1.28 dB
BWC Factor = 10.80 dB
Location: 16.3, -3.8, 3.7 mm



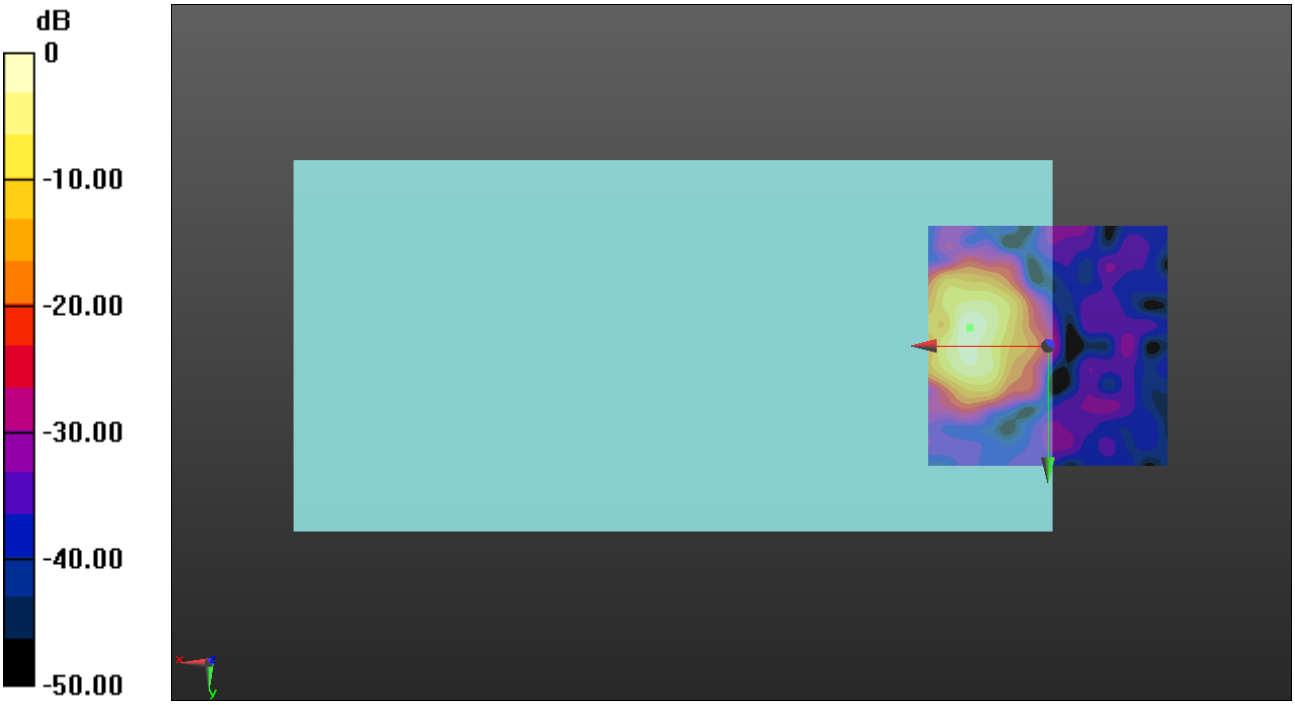
OTT EDGE

Communication System: UID 10026 - DAC, EDGE-FDD (TDMA, 8PSK, TN 0-1); Frequency: 836.6 MHz; Duty Cycle: 1:9.02194
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT GSM1900 EGPRS 2slots ch661 codec6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 3000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 53.04 dB
ABM1 = 18.31 dBA/m
ABM2 = -34.73 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, -3.8, 3.7 mm



0 dB = 8.229 A/m = 18.31 dBA/m

OTT EDGE

Communication System: UID 10026 - DAC, EDGE-FDD (TDMA, 8PSK, TN 0-1); Frequency: 836.6 MHz; Duty Cycle: 1:9.02194
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT GSM1900 EGPRS 2slots ch661 codec6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 3000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 45.62 dB
ABM1 = 11.14 dBA/m
ABM2 = -34.48 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, 6.7, 3.7 mm

0 dB = 3.607 A/m = 11.14 dBA/m

OTT HSUPA

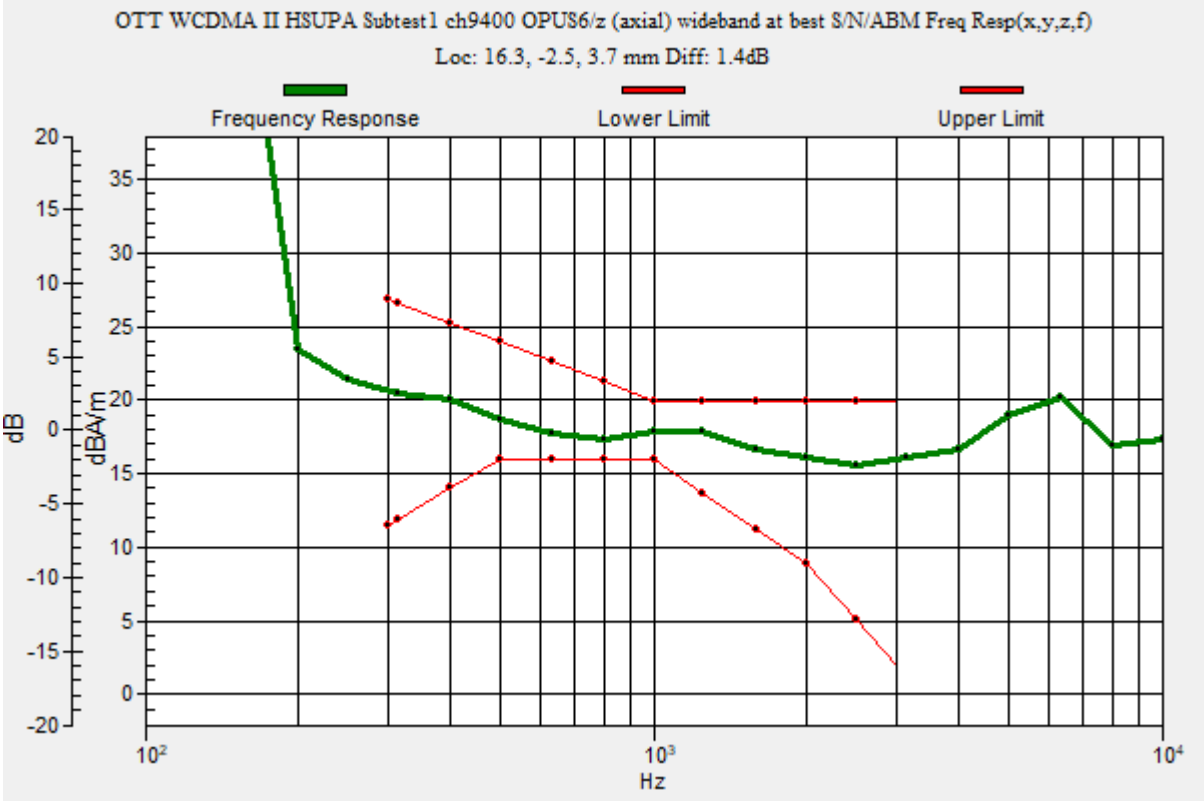
Communication System: UID 0, UMTS-FDD (WCDMA) (0); Frequency: 836.6 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT WCDMA II HSUPA Subtest1 ch9400 OPUS6/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: 38.59
Measure Window Start: 500ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 1.40 dB
BWC Factor = 10.80 dB
Location: 16.3, -2.5, 3.7 mm



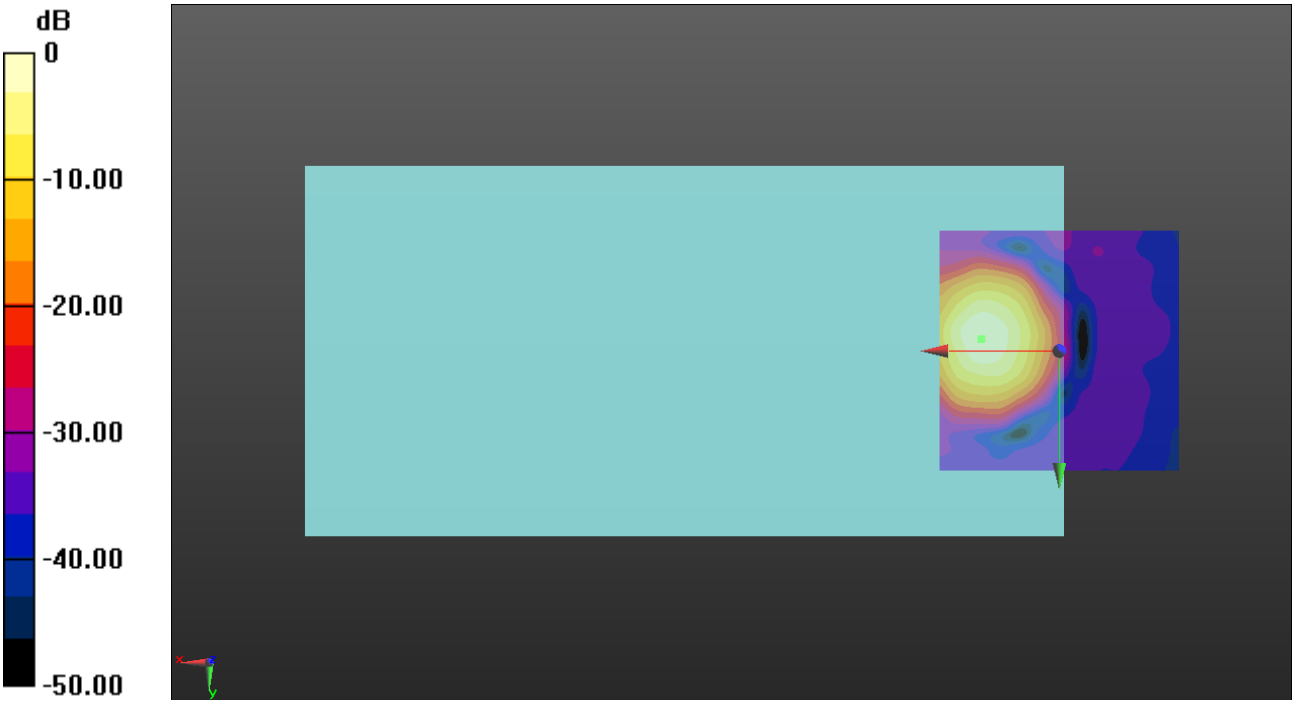
OTT HSUPA

Communication System: UID 0, UMTS-FDD (WCDMA) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT WCDMA II HSUPA Subtest1 ch9400 OPUS6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 57.60 dB
ABM1 = 20.16 dBA/m
ABM2 = -37.44 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, -2.5, 3.7 mm



0 dB = 10.19 A/m = 20.16 dBA/m

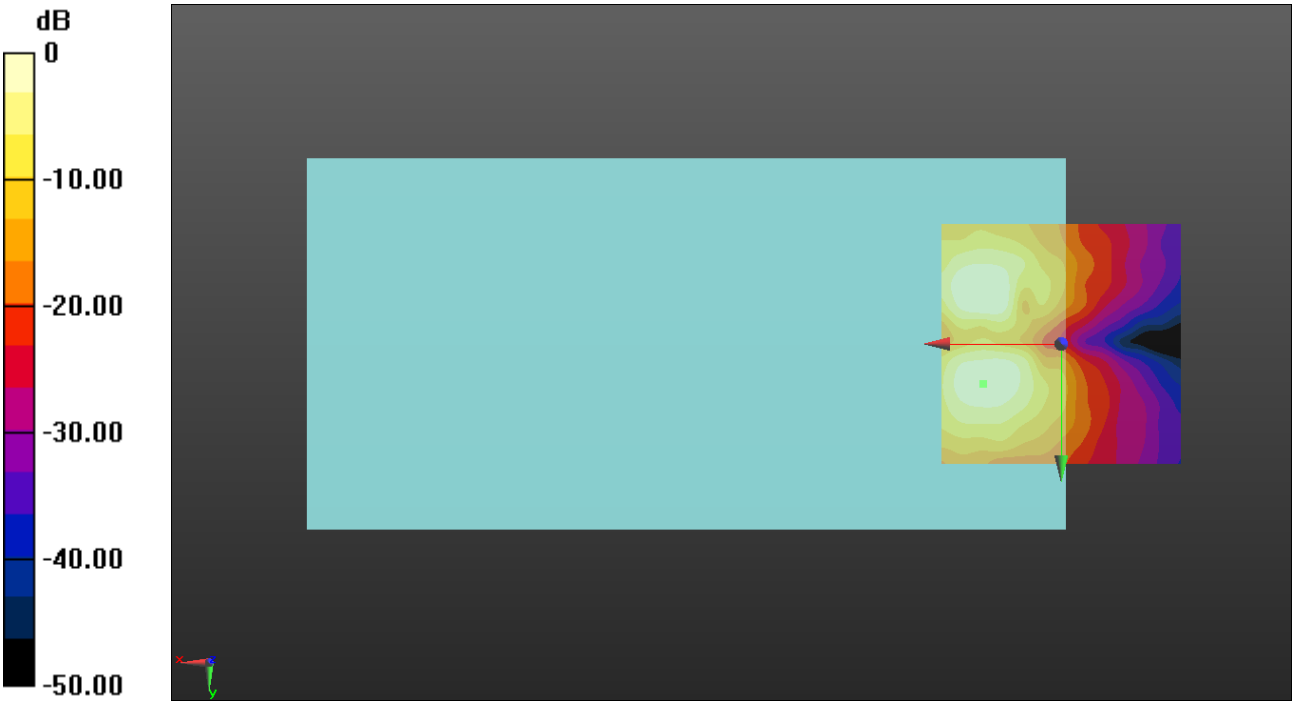
OTT HSUPA

Communication System: UID 0, UMTS-FDD (WCDMA) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT WCDMA II HSUPA Subtest1 ch9400 OPUS6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 50.23 dB
ABM1 = 10.73 dBA/m
ABM2 = -39.50 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, 8.3, 3.7 mm



0 dB = 3.545 A/m = 10.99 dBA/m

OTT HSUPA

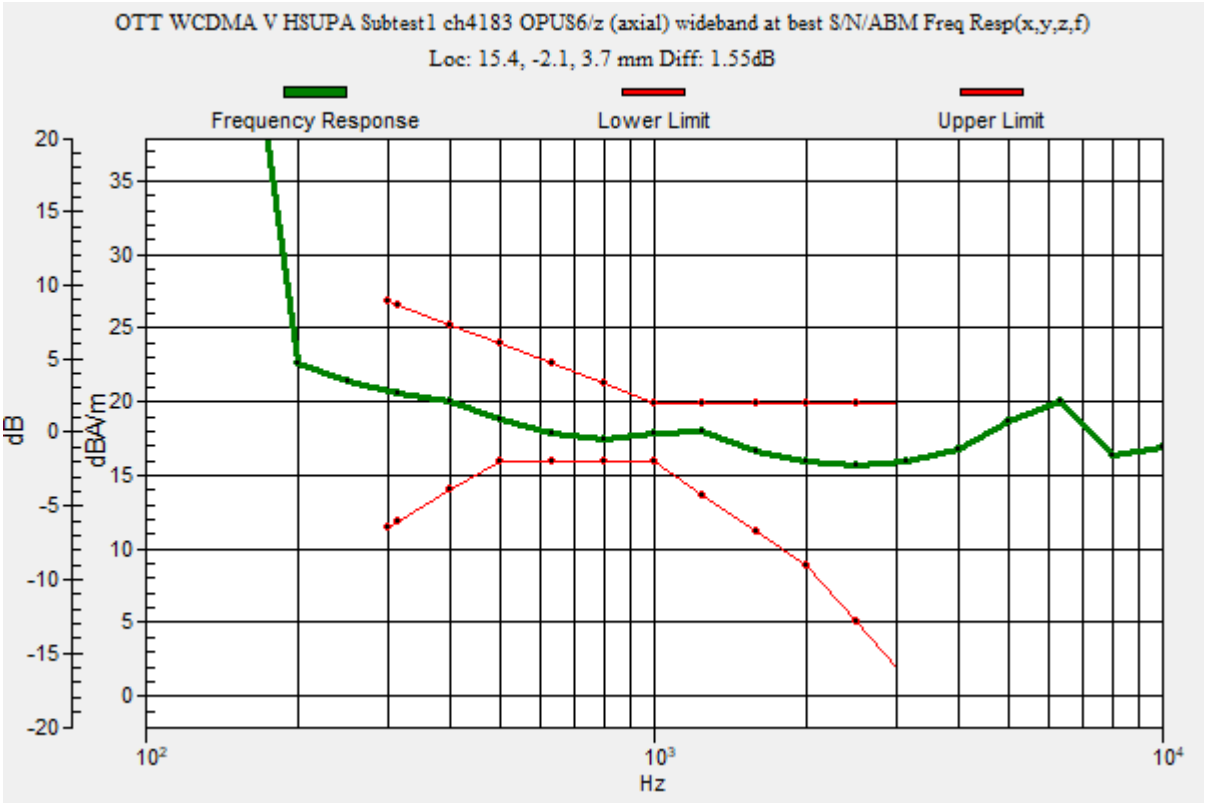
Communication System: UID 0, UMTS-FDD (WCDMA) (0); Frequency: 836.6 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT WCDMA V HSUPA Subtest1 ch4183 OPUS6/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: 38.59
Measure Window Start: 500ms
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: 15.4, -2.1, 3.7 mm



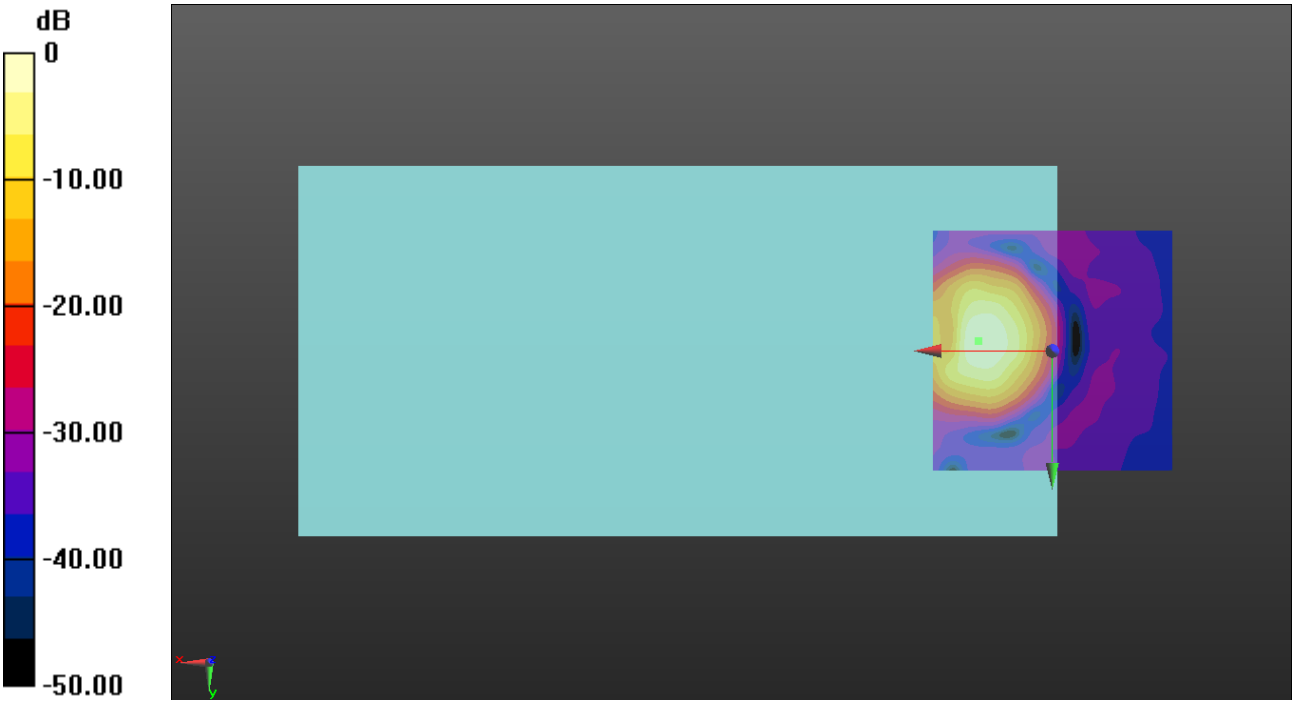
OTT HSUPA

Communication System: UID 0, UMTS-FDD (WCDMA) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT WCDMA V HSUPA Subtest1 ch4183 OPUS6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 58.25 dB
ABM1 = 19.21 dBA/m
ABM2 = -39.04 dBA/m
BWC Factor = 0.16 dB
Location: 15.4, -2.1, 3.7 mm



0 dB = 9.126 A/m = 19.21 dBA/m

OTT HSUPA

Communication System: UID 0, UMTS-FDD (WCDMA) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT WCDMA V HSUPA Subtest1 ch4183 OPUS6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 51.15 dB
ABM1 = 11.40 dBA/m
ABM2 = -39.75 dBA/m
BWC Factor = 0.16 dB
Location: 14.2, 5.4, 3.7 mm

0 dB = 3.715 A/m = 11.40 dBA/m

OTT LTE

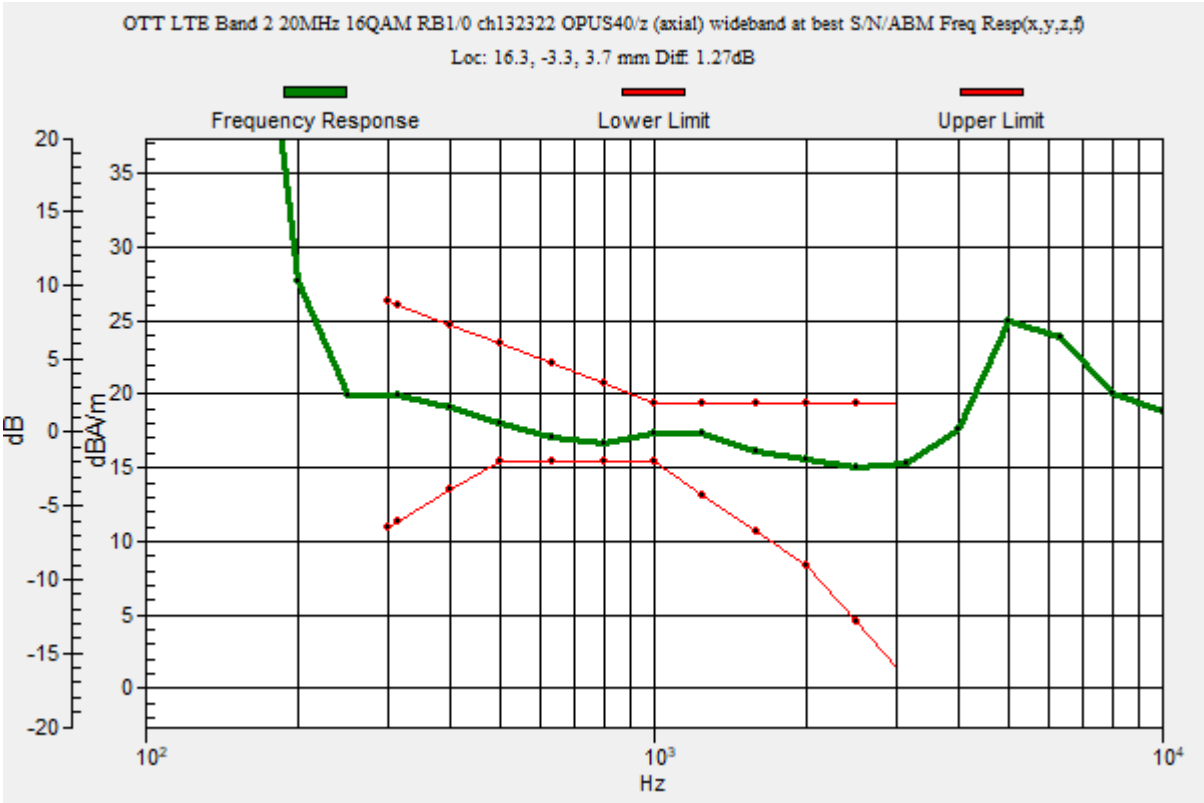
Communication System: UID 0, LTE (FDD) (0); Frequency: 1880 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT LTE Band 2 20MHz 16QAM RB1/0 ch132322 OPUS40/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: 38.59
Measure Window Start: 1000ms
Measure Window Length: 4000ms
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 = 1.27 dB
BWC Factor = 10.80 dB
Location: 16.3, -2.5, 3.7 mm



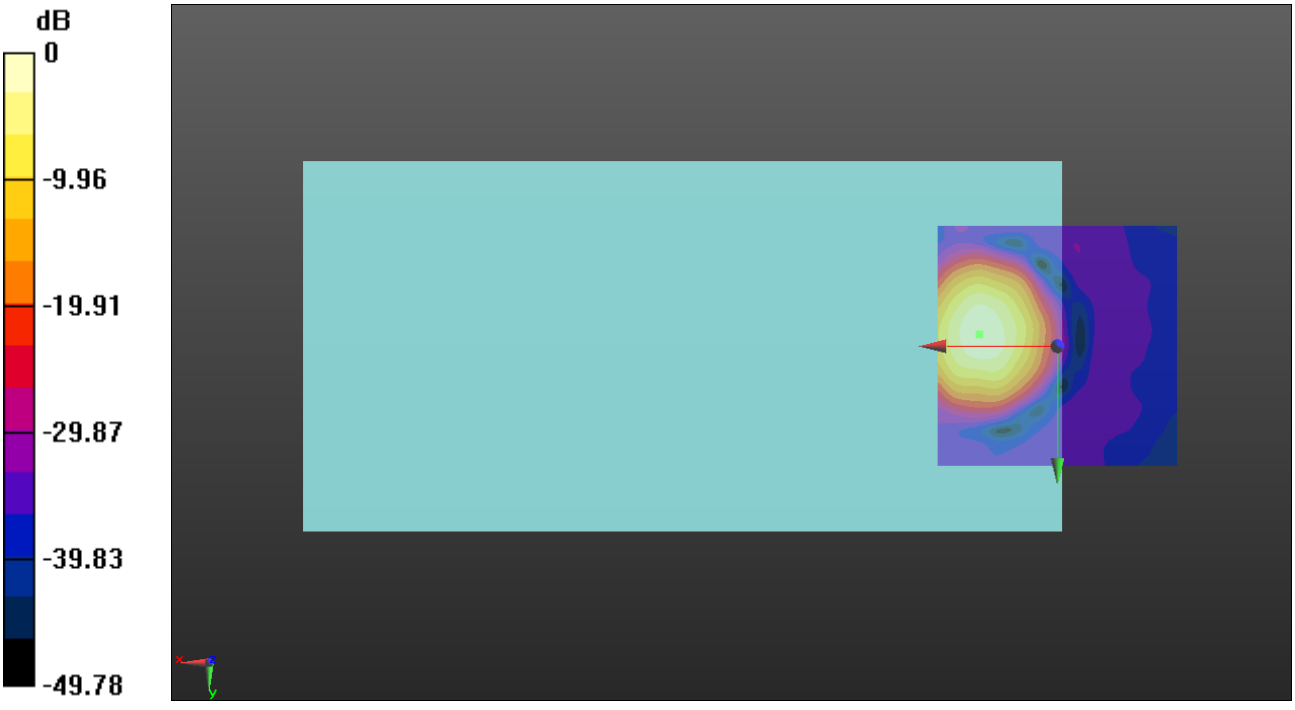
OTT LTE

Communication System: UID 0, LTE (FDD) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT LTE Band 2 20MHz 16QAM RB1/0 ch132322 OPUS40/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 56.52 dB
ABM1 = 20.33 dBA/m
ABM2 = -36.19 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, -2.5, 3.7 mm



0 dB = 10.39 A/m = 20.33 dBA/m

OTT LTE

Communication System: UID 0, LTE (FDD) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT LTE Band 2 20MHz 16QAM RB1/0 ch132322 OPUS40/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 45.41 dB
ABM1 = 12.15 dBA/m
ABM2 = -33.26 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, 5.8, 3.7 mm

0 dB = 4.049 A/m = 12.15 dBA/m

OTT LTE

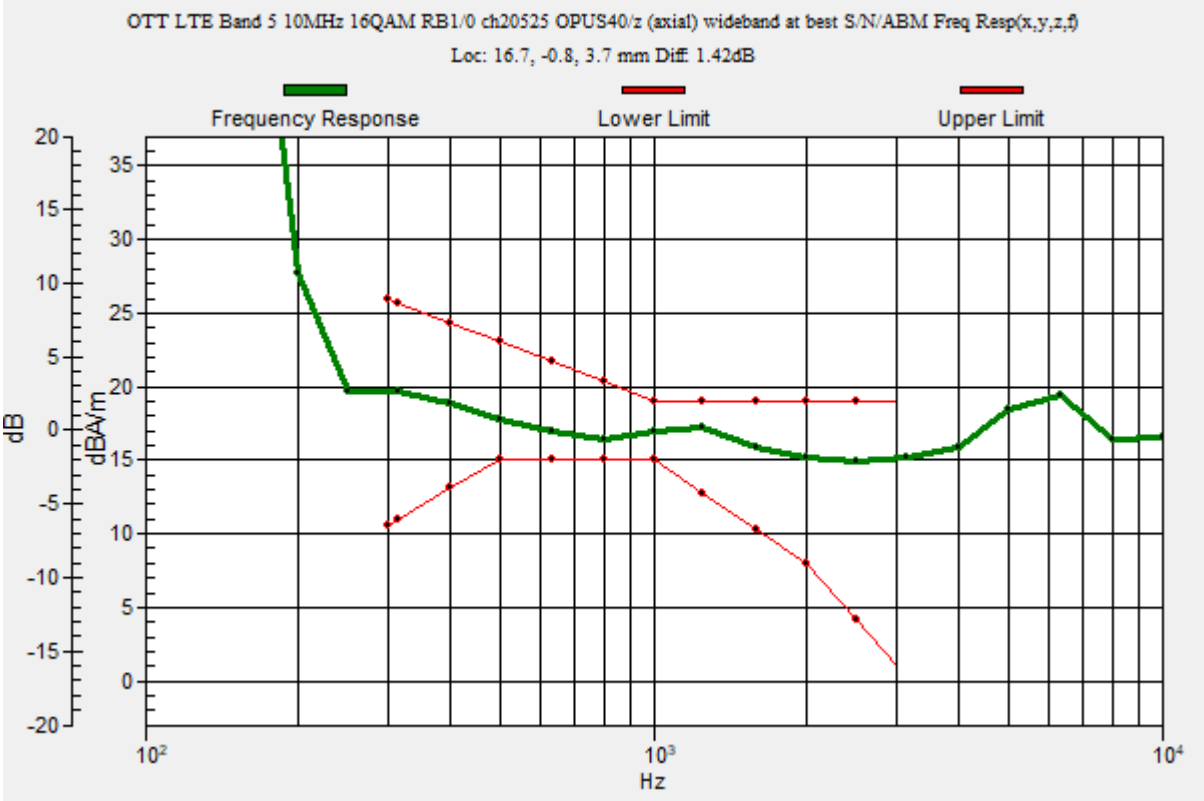
Communication System: UID 0, LTE (FDD) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT LTE Band 5 10MHz 16QAM RB1/0 ch20525 OPUS40/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: 38.59
Measure Window Start: 1000ms
Measure Window Length: 4000ms
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 = 1.42 dB
BWC Factor = 10.80 dB
Location: 16.7, -0.8, 3.7 mm



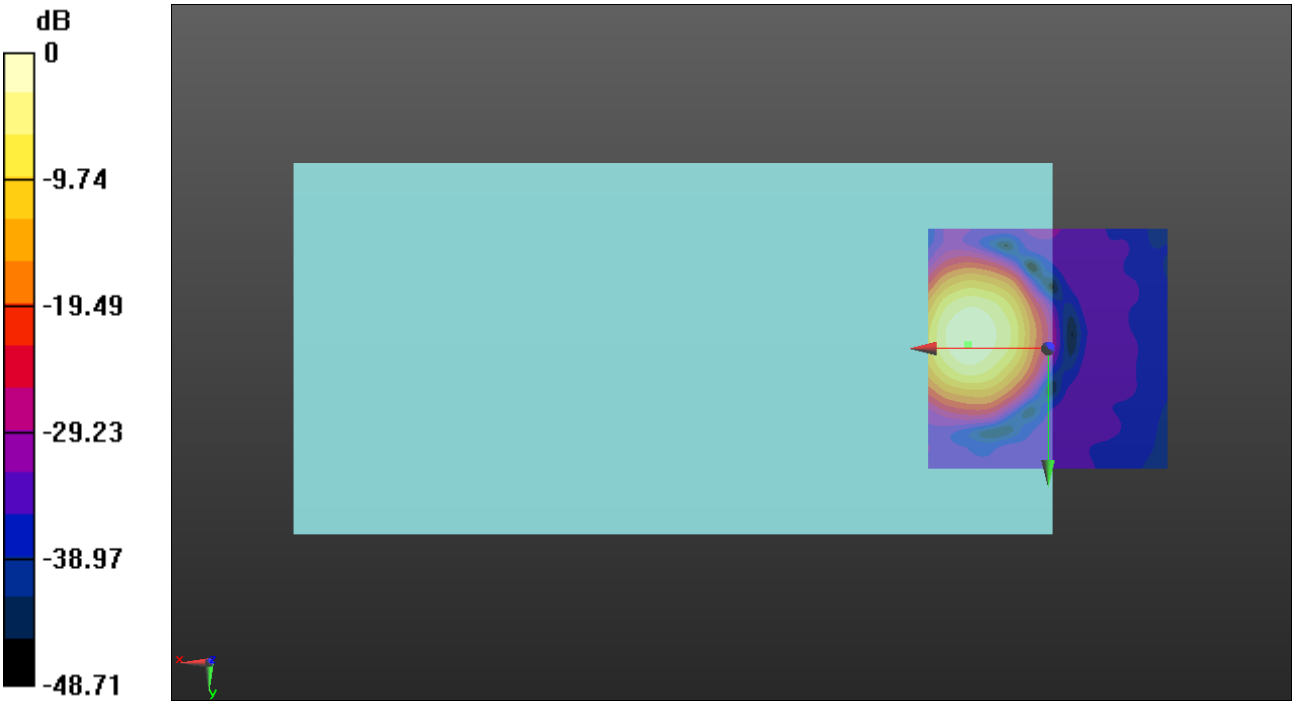
OTT LTE

Communication System: UID 0, LTE (FDD) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT LTE Band 5 10MHz 16QAM RB1/0 ch20525 OPUS40/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 55.00 dB
ABM1 = 19.65 dBA/m
ABM2 = -35.35 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -0.8, 3.7 mm



0 dB = 9.609 A/m = 19.65 dBA/m

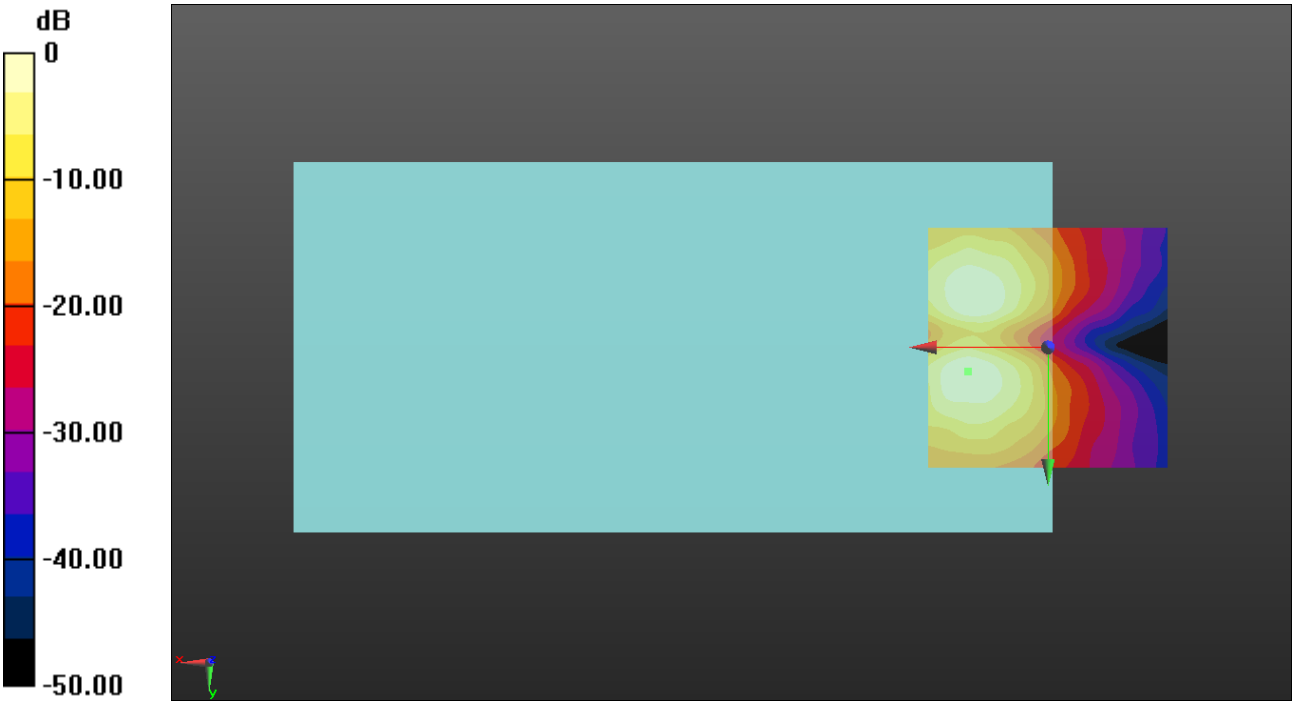
OTT LTE

Communication System: UID 0, LTE (FDD) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT LTE Band 5 10MHz 16QAM RB1/0 ch20525 OPUS40/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 44.49 dB
ABM1 = 11.80 dBA/m
ABM2 = -32.69 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, 5, 3.7 mm



0 dB = 4.056 A/m = 12.16 dBA/m

OTT LTE

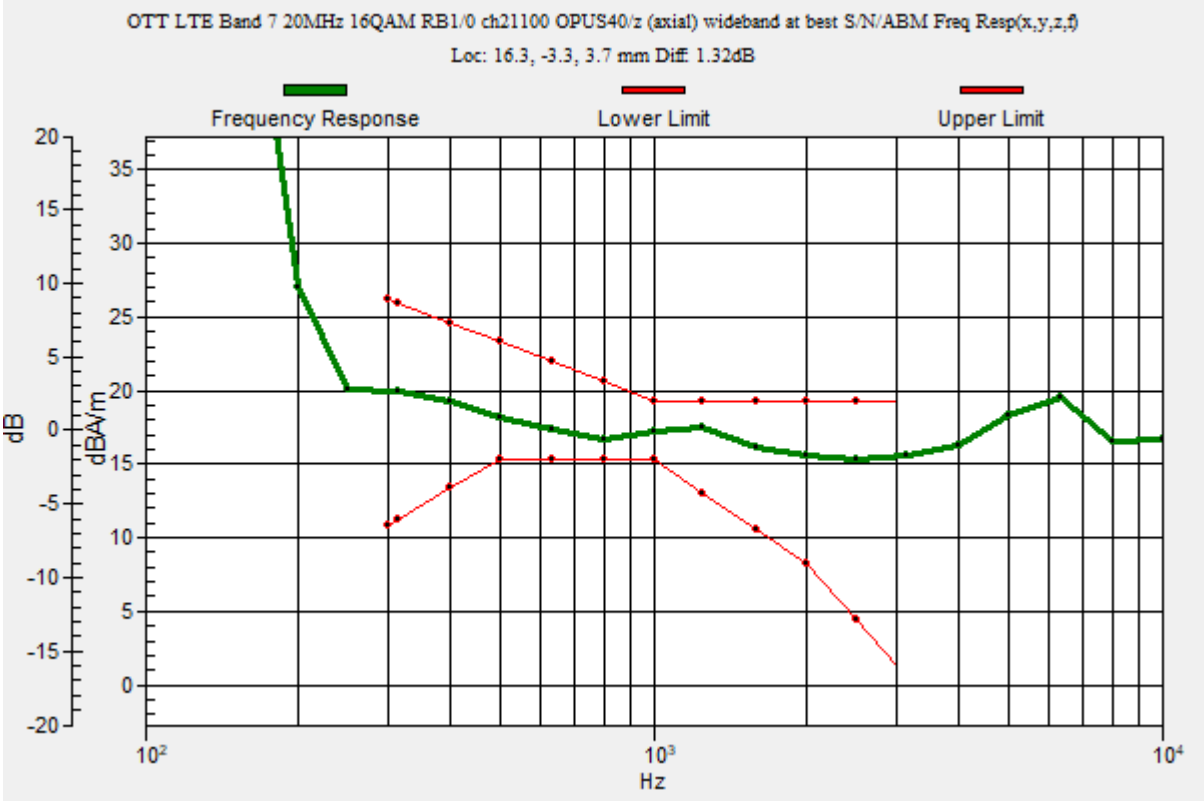
Communication System: UID 0, LTE (FDD) (0); Frequency: 2535 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT LTE Band 7 20MHz 16QAM RB1/0 ch21100 OPUS40/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: 38.59
Measure Window Start: 1000ms
Measure Window Length: 4000ms
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 = 1.32 dB
BWC Factor = 10.80 dB
Location: 16.3, -3.3, 3.7 mm



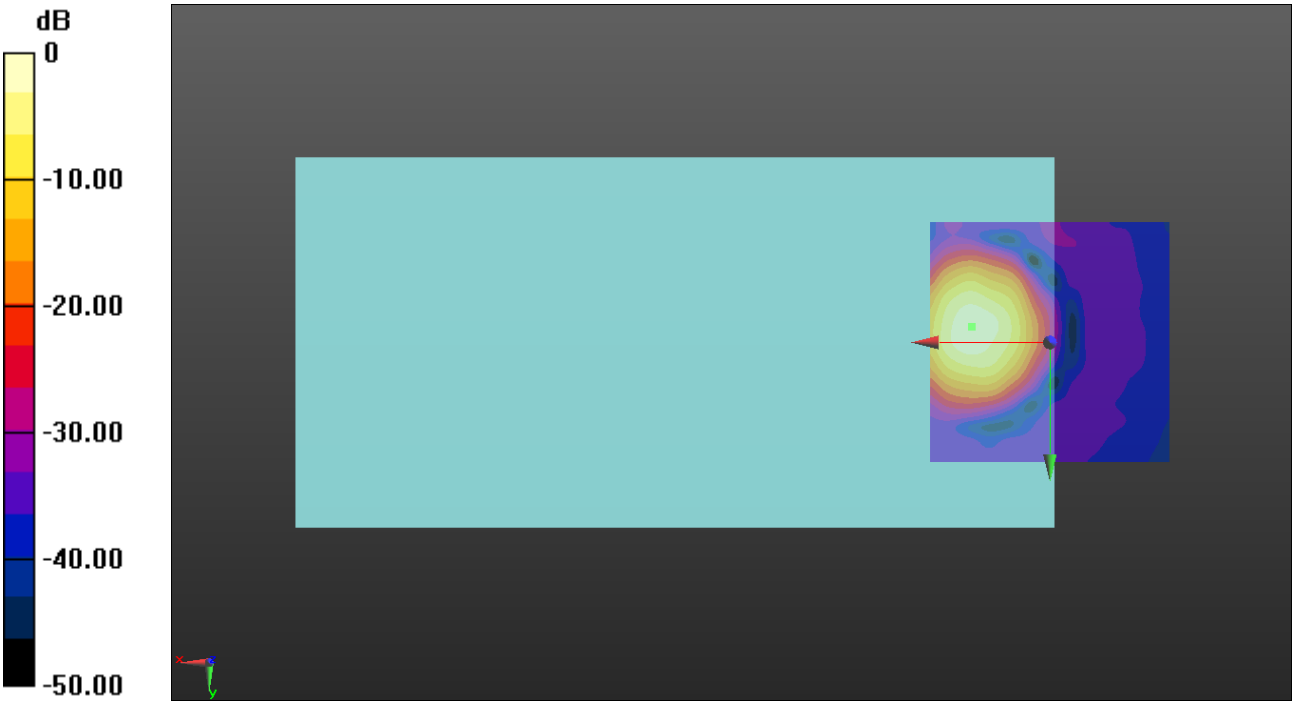
OTT LTE

Communication System: UID 0, LTE (FDD) (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT LTE Band 7 20MHz 16QAM RB1/0 ch21100 OPUS40/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 54.76 dB
ABM1 = 20.31 dBA/m
ABM2 = -34.45 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, -3.3, 3.7 mm



0 dB = 10.37 A/m = 20.32 dBA/m

OTT LTE

Communication System: UID 0, LTE (FDD) (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT LTE Band 7 20MHz 16QAM RB1/0 ch21100 OPUS40/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 46.32 dB
ABM1 = 11.78 dBA/m
ABM2 = -34.54 dBA/m
BWC Factor = 0.16 dB
Location: 15.4, 7.1, 3.7 mm

0 dB = 3.969 A/m = 11.97 dBA/m

OTT LTE

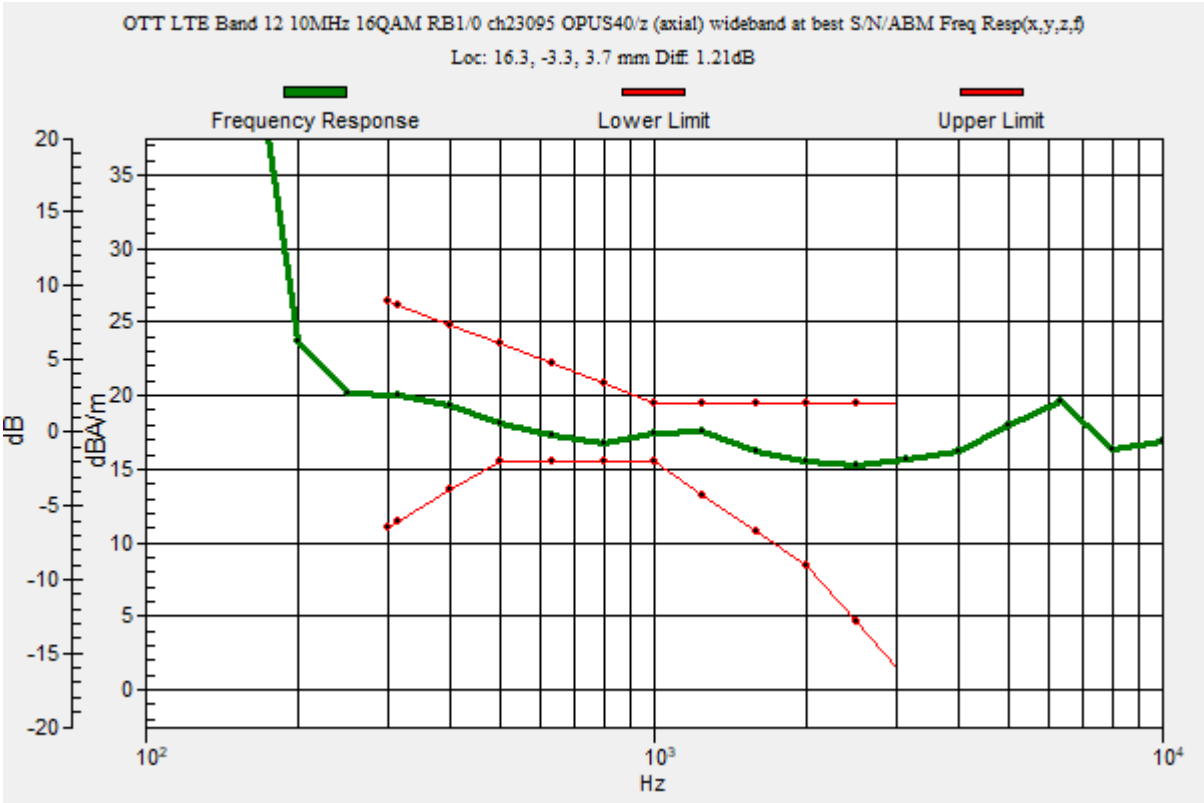
Communication System: UID 0, LTE (FDD) (0); Frequency: 707.5 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT LTE Band 12 10MHz 16QAM RB1/0 ch23095 OPUS40/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: 38.59
Measure Window Start: 1000ms
Measure Window Length: 4000ms
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 = 1.21 dB
BWC Factor = 10.80 dB
Location: 16.3, -3.3, 3.7 mm



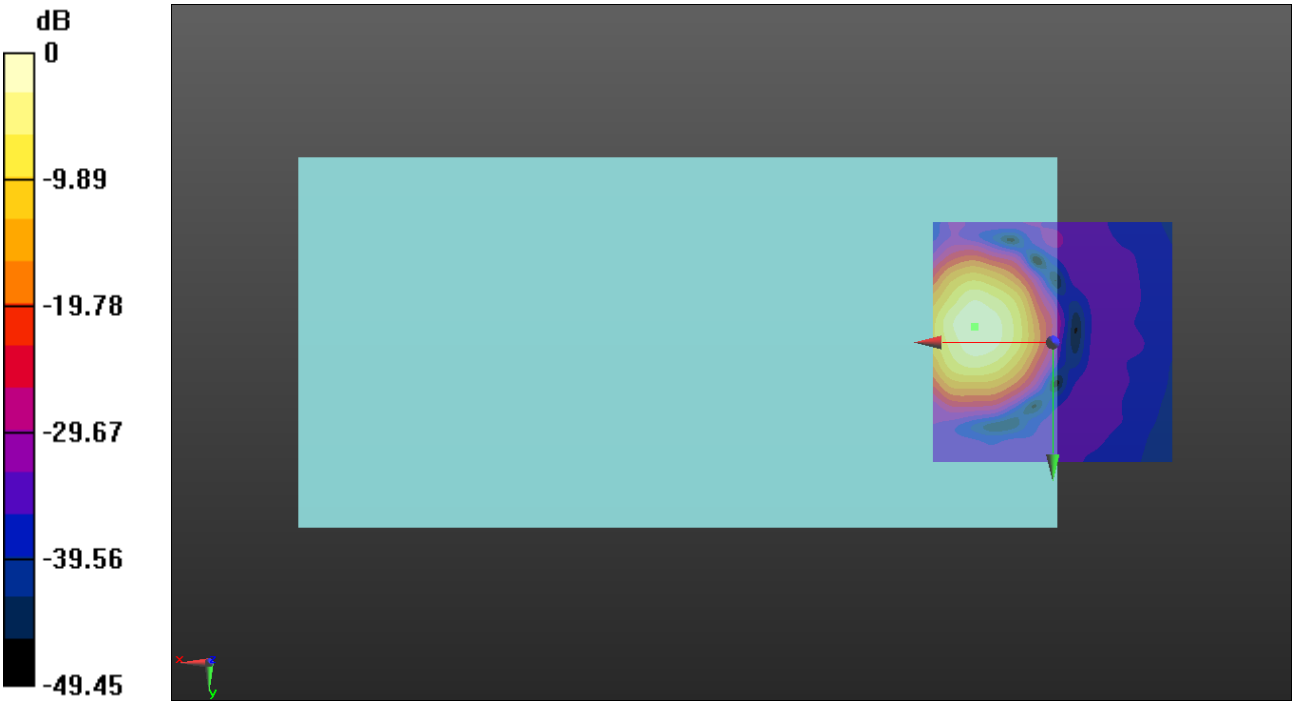
OTT LTE

Communication System: UID 0, LTE (FDD) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT LTE Band 12 10MHz 16QAM RB1/0 ch23095 OPUS40/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 56.17 dB
ABM1 = 20.35 dBA/m
ABM2 = -35.82 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, -3.3, 3.7 mm



0 dB = 10.41 A/m = 20.35 dBA/m

OTT LTE

Communication System: UID 0, LTE (FDD) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT LTE Band 12 10MHz 16QAM RB1/0 ch23095 OPUS40/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 45.80 dB
ABM1 = 11.70 dBA/m
ABM2 = -34.10 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, 7.9, 3.7 mm

0 dB = 3.987 A/m = 12.01 dBA/m

OTT LTE

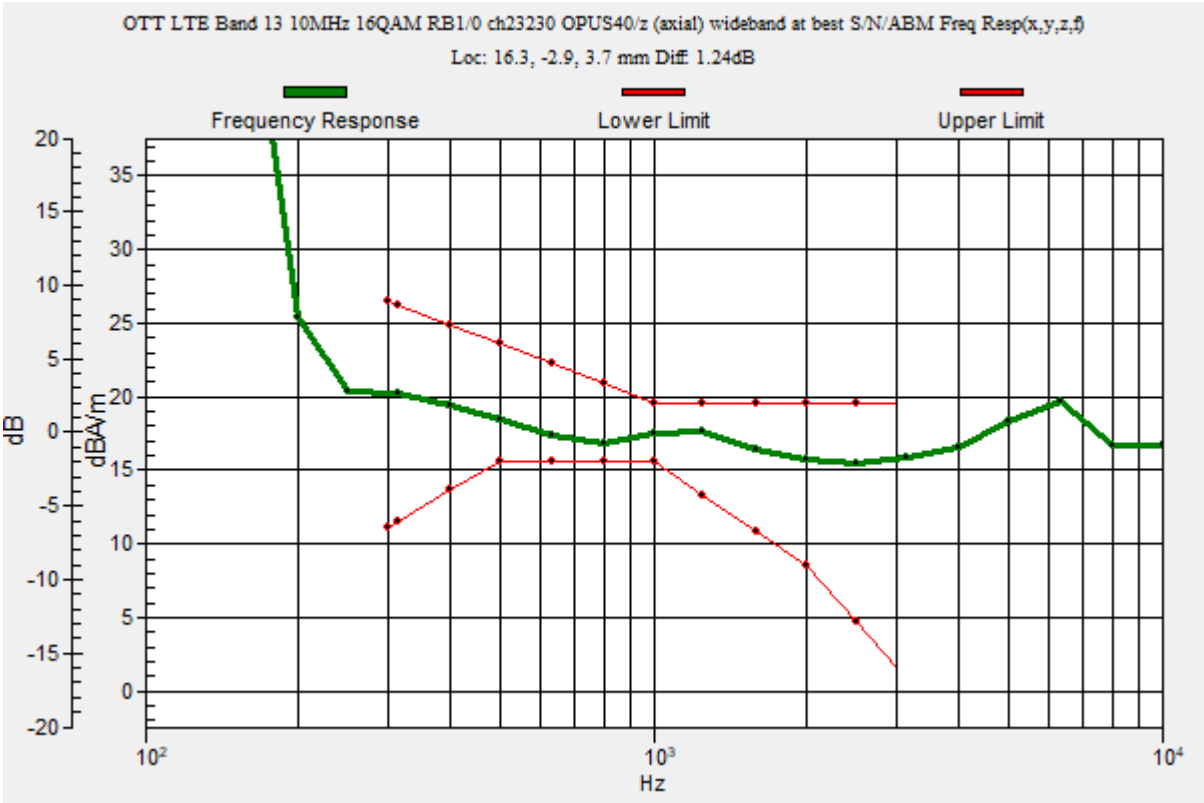
Communication System: UID 0, LTE (FDD) (0); Frequency: 782 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT LTE Band 13 10MHz 16QAM RB1/0 ch23230 OPUS40/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: 38.59
Measure Window Start: 1000ms
Measure Window Length: 4000ms
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 = 1.24 dB
BWC Factor = 10.80 dB
Location: 16.3, -2.9, 3.7 mm



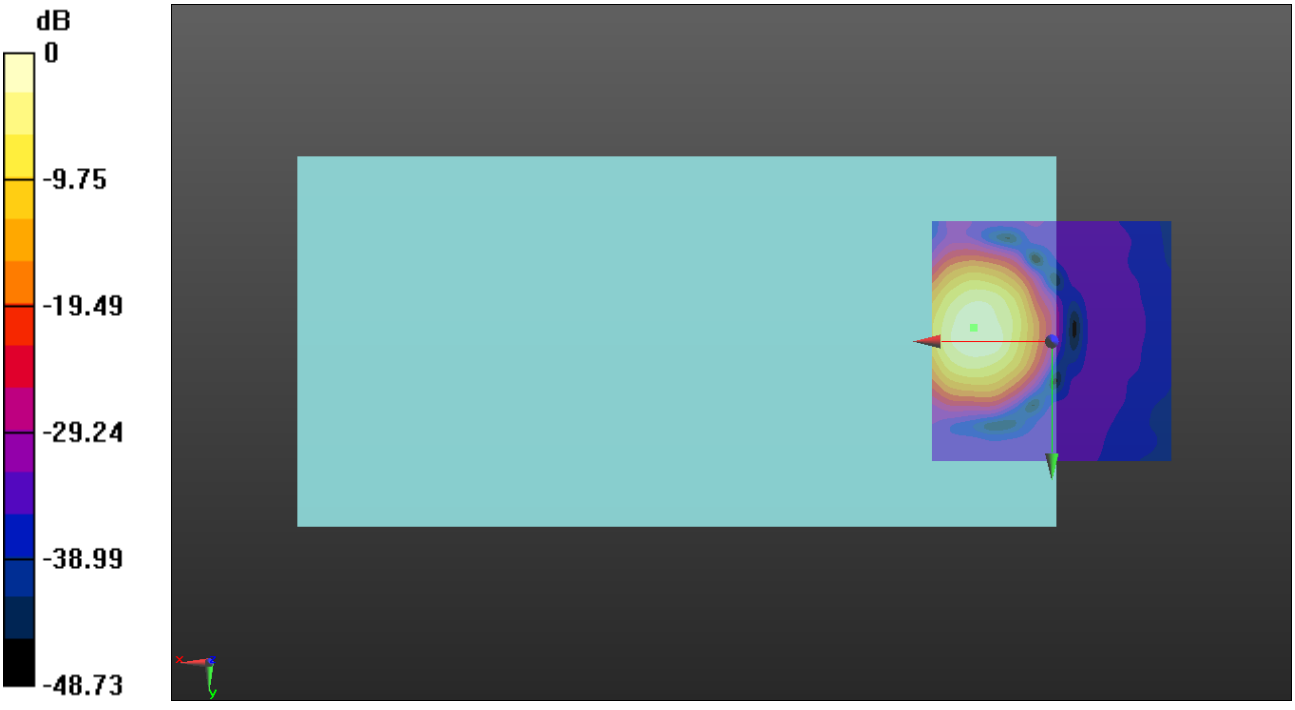
OTT LTE

Communication System: UID 0, LTE (FDD) (0); Frequency: 782 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT LTE Band 13 10MHz 16QAM RB1/0 ch23230 OPUS40/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 55.30 dB
ABM1 = 19.60 dBA/m
ABM2 = -35.70 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, -2.9, 3.7 mm



0 dB = 9.545 A/m = 19.60 dBA/m

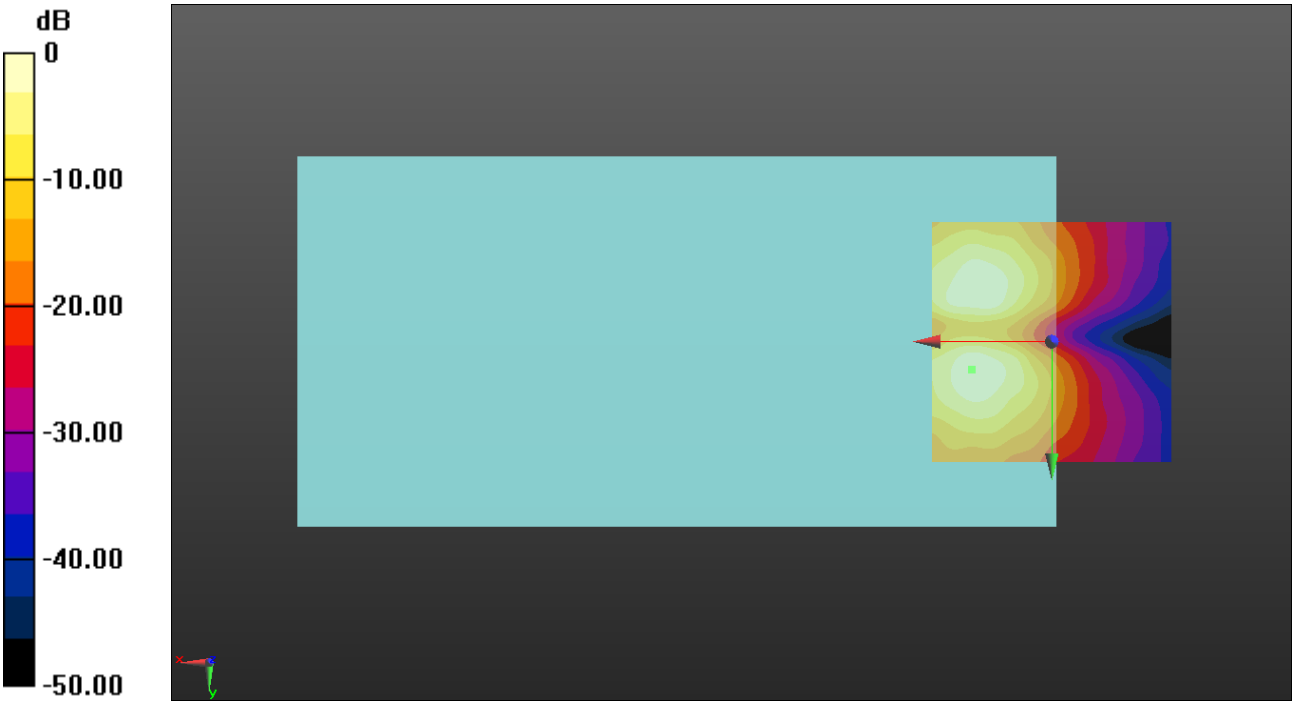
OTT LTE

Communication System: UID 0, LTE (FDD) (0); Frequency: 782 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT LTE Band 13 10MHz 16QAM RB1/0 ch23230 OPUS40/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 44.43 dB
ABM1 = 12.15 dBA/m
ABM2 = -32.28 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, 5.8, 3.7 mm



0 dB = 4.052 A/m = 12.15 dBA/m

OTT LTE

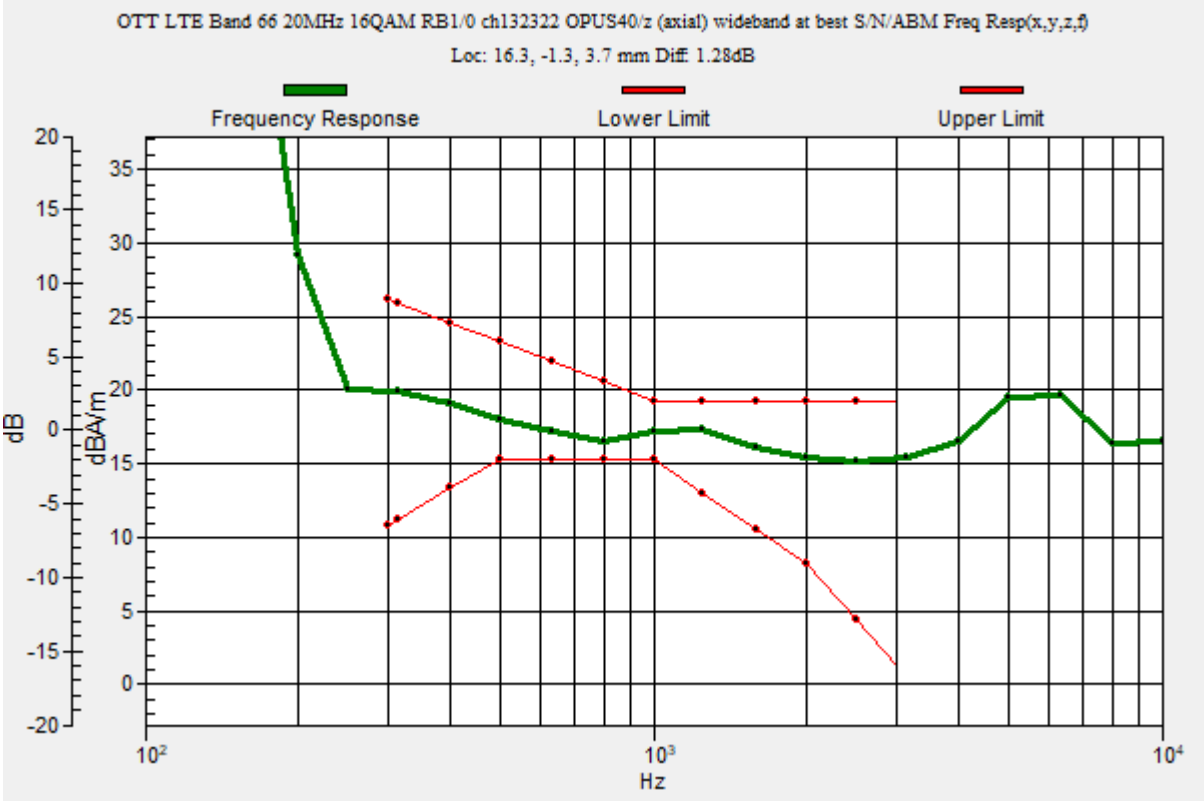
Communication System: UID 0, LTE (FDD) (0); Frequency: 1745 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT LTE Band 66 20MHz 16QAM RB1/0 ch132322 OPUS40/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: 38.59
Measure Window Start: 1000ms
Measure Window Length: 4000ms
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 = 1.28 dB
BWC Factor = 10.80 dB
Location: 16.3, -1.3, 3.7 mm



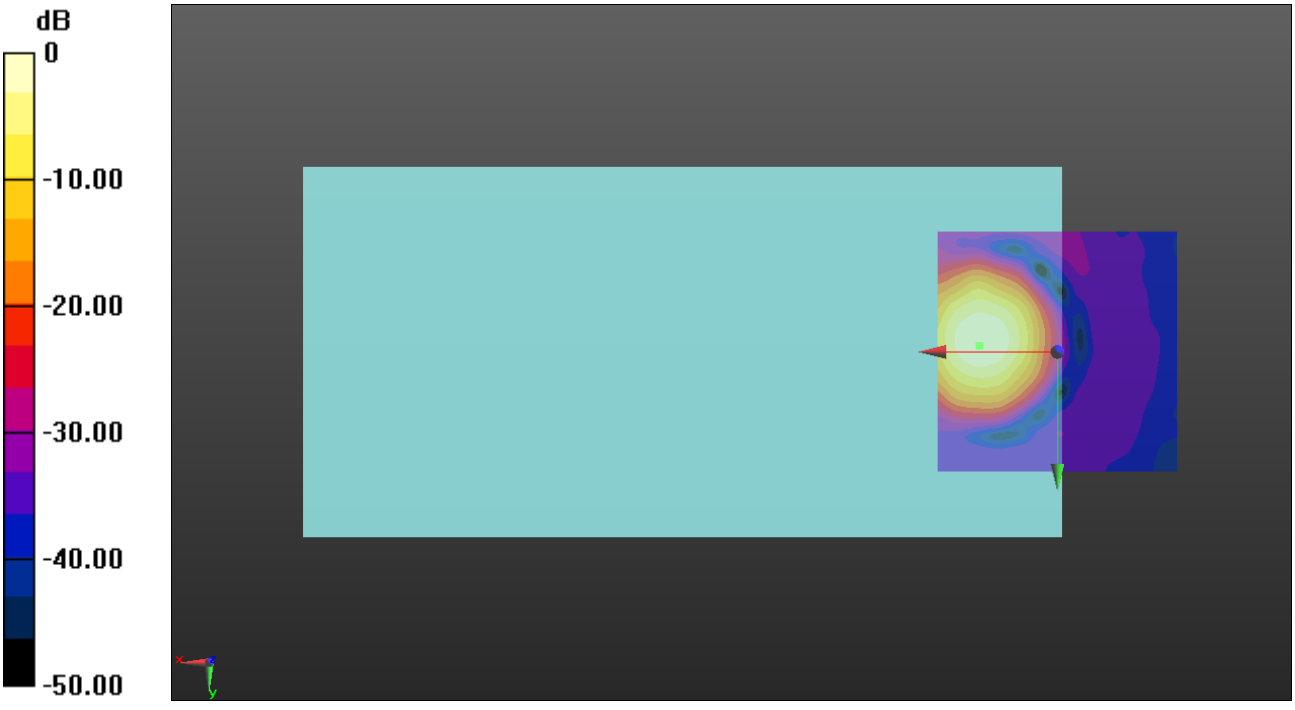
OTT LTE

Communication System: UID 0, LTE (FDD) (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT LTE Band 66 20MHz 16QAM RB1/0 ch132322 OPUS40/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 56.45 dB
ABM1 = 19.94 dBA/m
ABM2 = -36.51 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, -1.3, 3.7 mm



0 dB = 9.928 A/m = 19.94 dBA/m

OTT LTE

Communication System: UID 0, LTE (FDD) (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT LTE Band 66 20MHz 16QAM RB1/0 ch132322 OPUS40/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 45.60 dB
ABM1 = 11.53 dBA/m
ABM2 = -34.07 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, 7.1, 3.7 mm

0 dB = 3.813 A/m = 11.63 dBA/m

OTT LTE

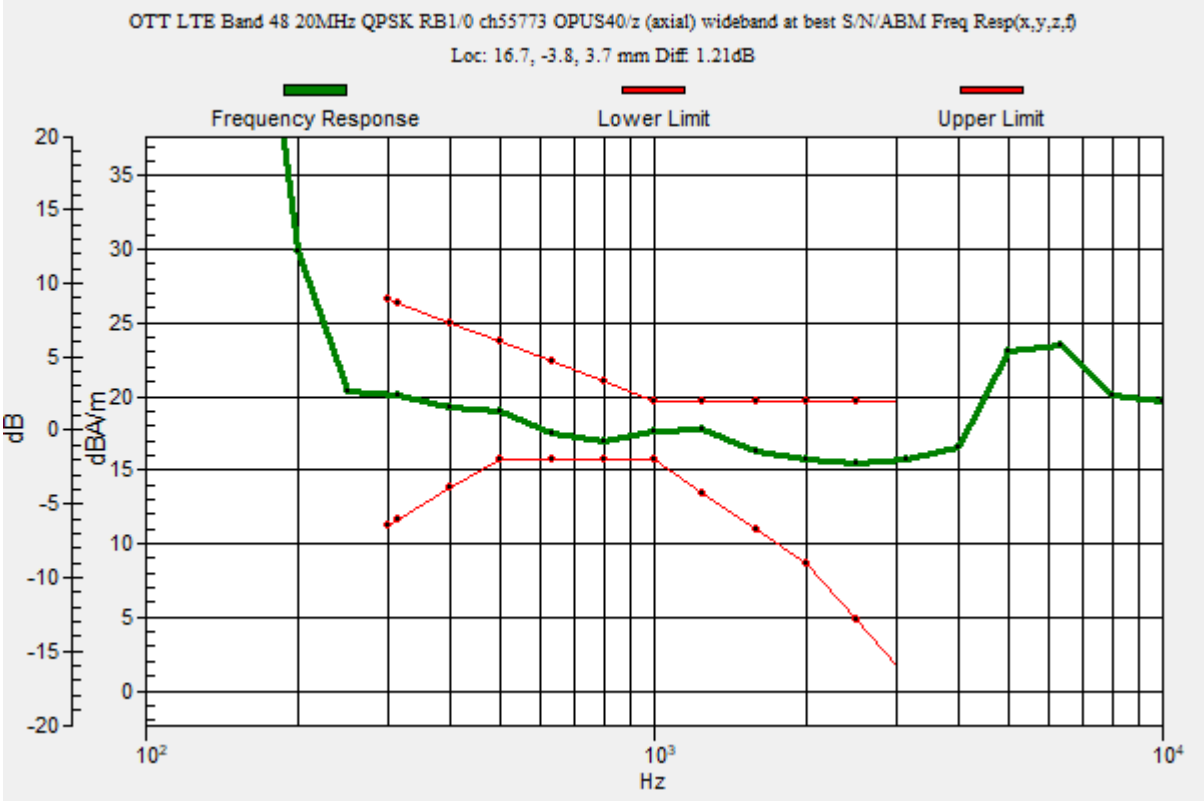
Communication System: UID 0, LTE (TDD) (0); Frequency: 3603.3 MHz;Duty Cycle: 1:2.30675

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT LTE Band 48 20MHz QPSK RB1/0 ch55773 OPUS40/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: 38.59
Measure Window Start: 1000ms
Measure Window Length: 4000ms
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 = 1.21 dB
BWC Factor = 10.80 dB
Location: 16.7, -3.8, 3.7 mm



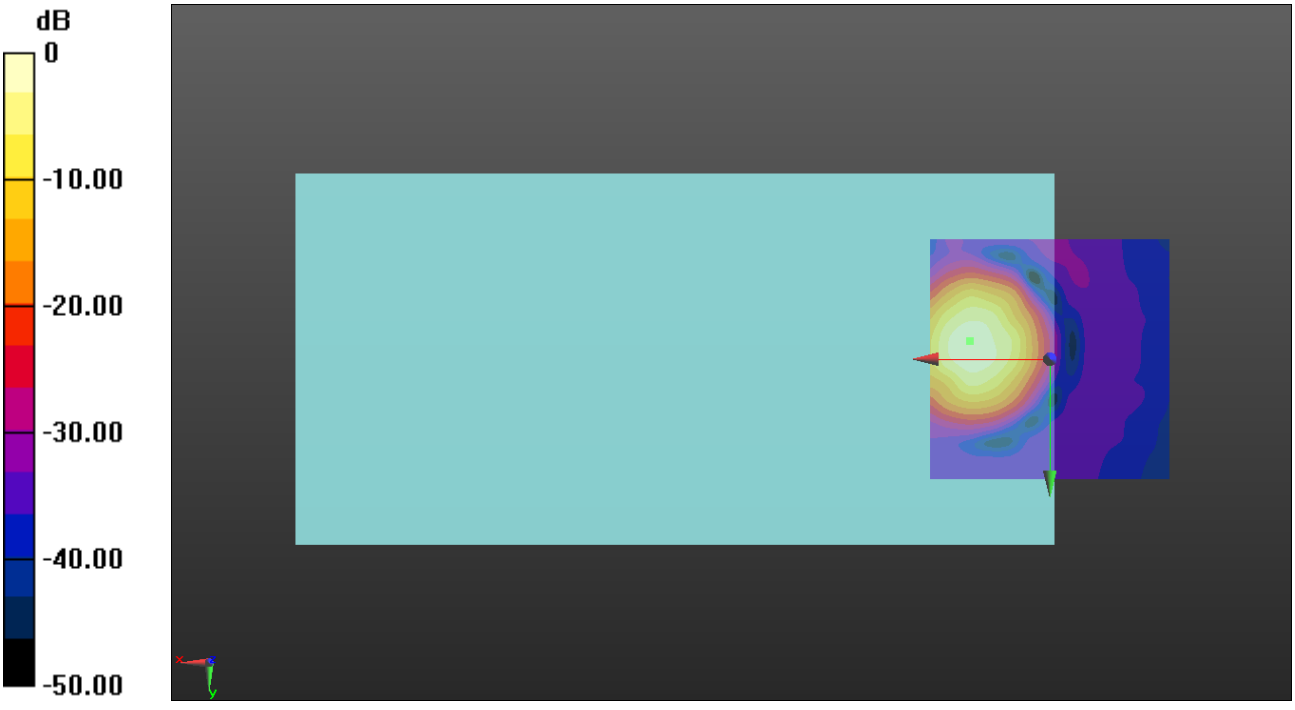
OTT LTE

Communication System: UID 0, LTE (TDD) (0); Frequency: 3603.3 MHz; Duty Cycle: 1:2.30675
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT LTE Band 48 20MHz QPSK RB1/0 ch55773 OPUS40/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 49.99 dB
ABM1 = 20.36 dBA/m
ABM2 = -29.63 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -3.8, 3.7 mm



0 dB = 10.42 A/m = 20.36 dBA/m

OTT LTE

Communication System: UID 0, LTE (TDD) (0); Frequency: 3603.3 MHz; Duty Cycle: 1:2.30675
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT LTE Band 48 20MHz QPSK RB1/0 ch55773 OPUS40/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 41.39 dB
ABM1 = 12.00 dBA/m
ABM2 = -29.39 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, 5.4, 3.7 mm

0 dB = 4.064 A/m = 12.18 dBA/m

OTT NR

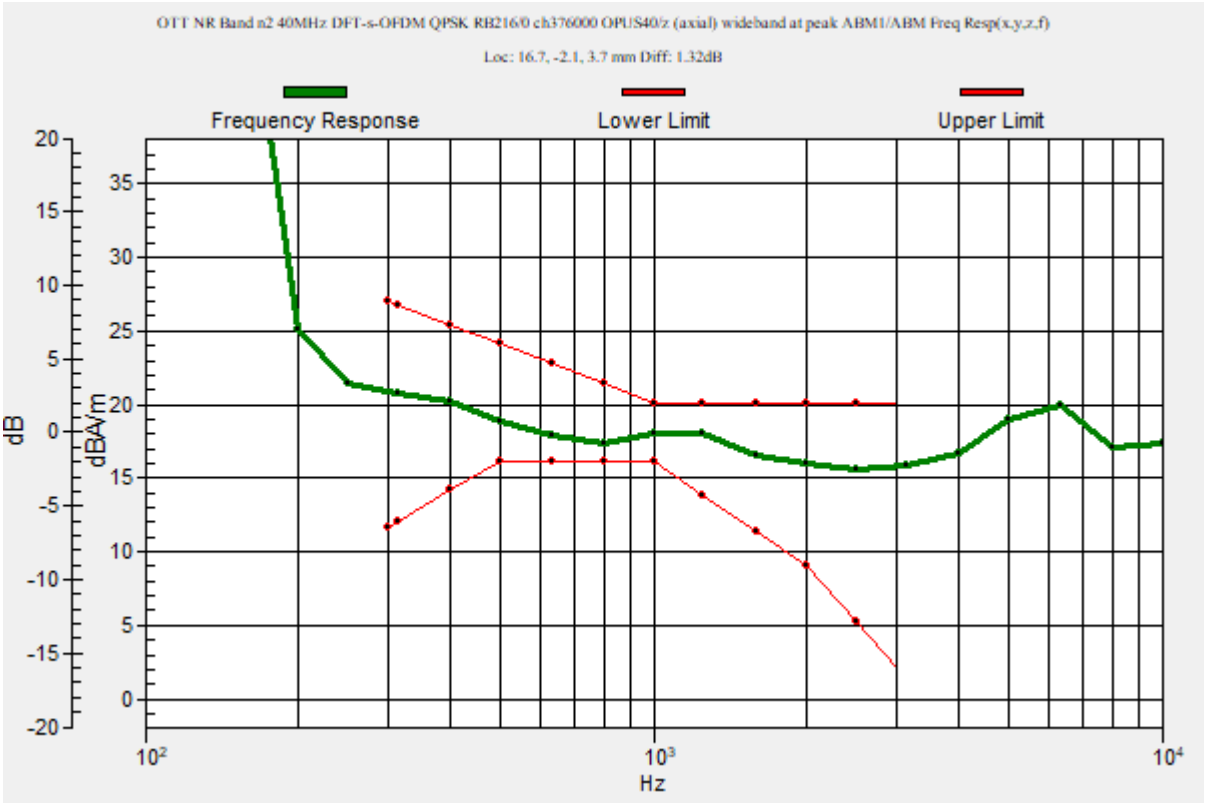
Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1880 MHz;Duty Cycle: 1:3.55795

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT NR Band n2 40MHz DFT-s-OFDM QPSK RB216/0 ch376000 OPUS40/z (axial) wideband at peak ABM1/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: 38.59
Measure Window Start: 500ms
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 = 1.32 dB
BWC Factor = 10.80 dB
Location: 16.7, -2.1, 3.7 mm



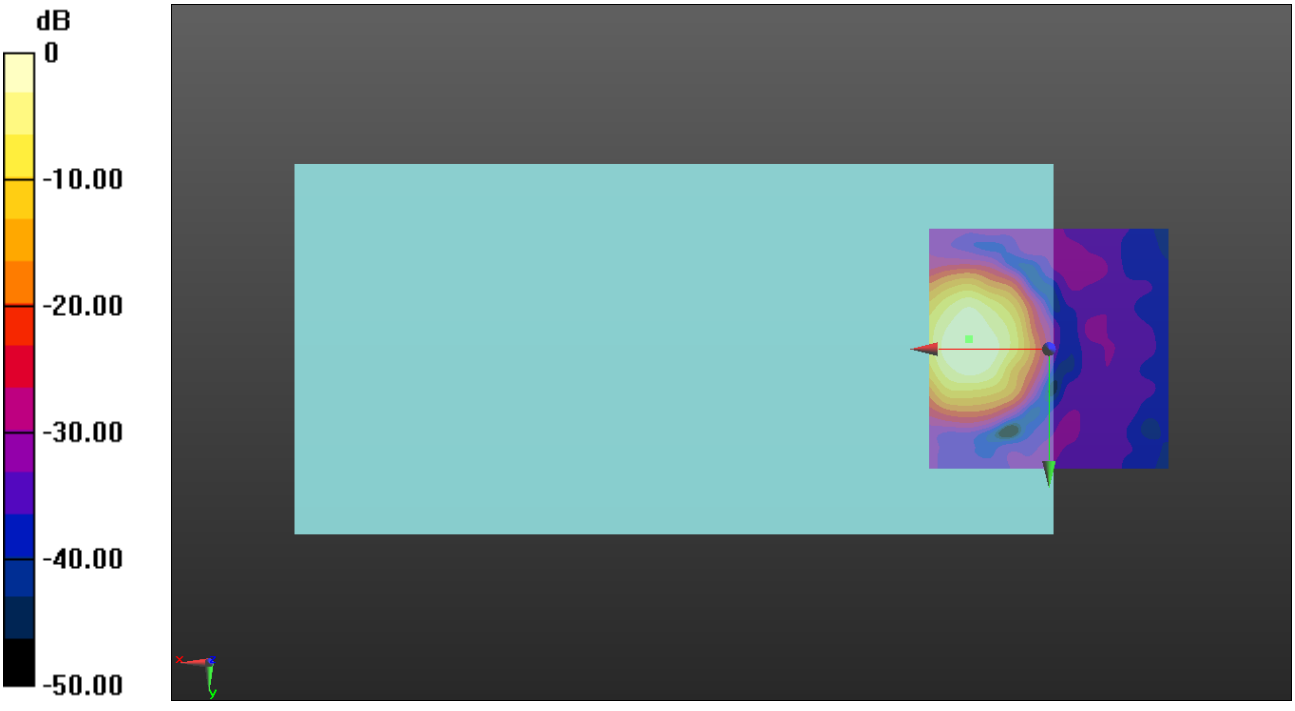
OTT NR

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1880 MHz;
Duty Cycle: 1:3.55795
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT NR Band n2 40MHz DFT-s-OFDM QPSK RB216/0 ch376000 OPUS40/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 53.43 dB
ABM1 = 19.11 dBA/m
ABM2 = -34.32 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -2.1, 3.7 mm



0 dB = 9.029 A/m = 19.11 dBA/m

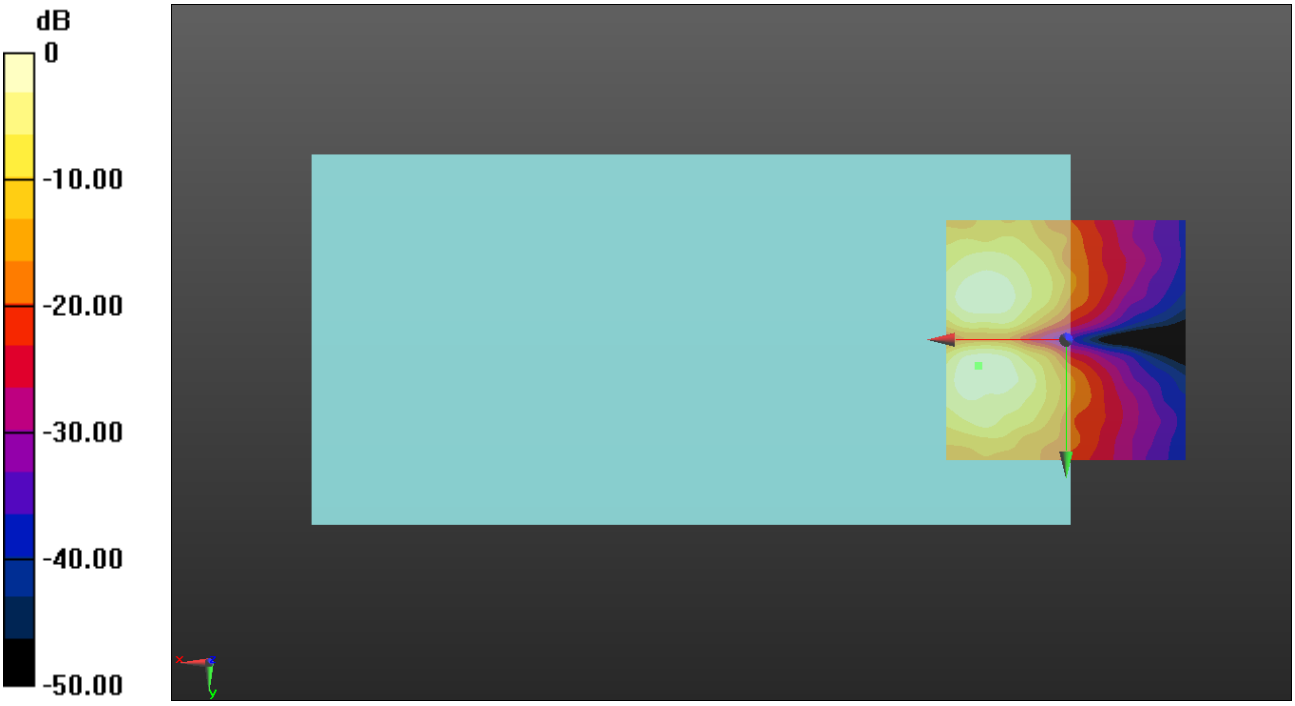
OTT NR

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 1880 MHz;
Duty Cycle: 1:3.55795
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT NR Band n2 40MHz DFT-s-OFDM QPSK RB216/0 ch376000 OPUS40/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 41.60 dB
ABM1 = 10.84 dBA/m
ABM2 = -30.76 dBA/m
BWC Factor = 0.16 dB
Location: 18.3, 5.4, 3.7 mm



0 dB = 3.855 A/m = 11.72 dBA/m

OTT NR

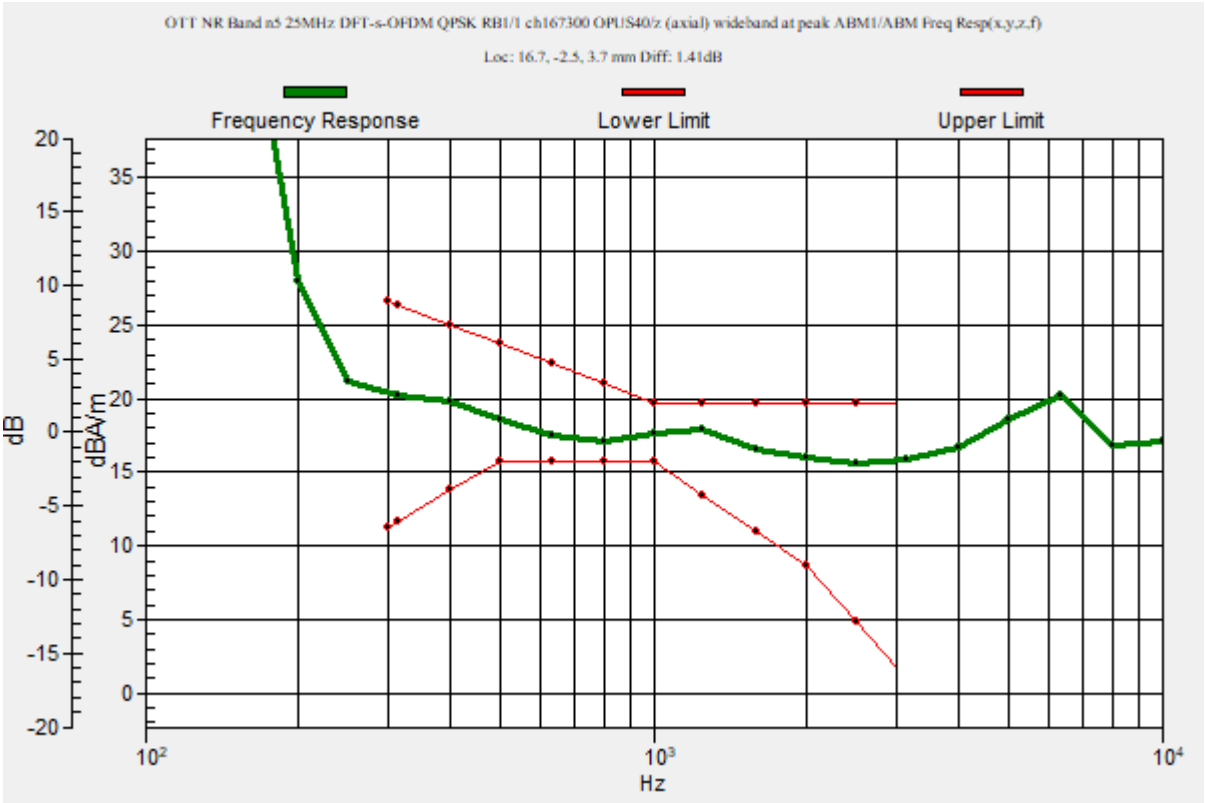
Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 836.5 MHz;Duty Cycle: 1:3.55795

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT NR Band n5 20MHz DFT-s-OFDM QPSK RB1/1 ch167300 OPUS40/z (axial) wideband at peak ABM1/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: 38.59
Measure Window Start: 500ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 1.41 dB
BWC Factor = 10.80 dB
Location: 16.7, -2.5, 3.7 mm



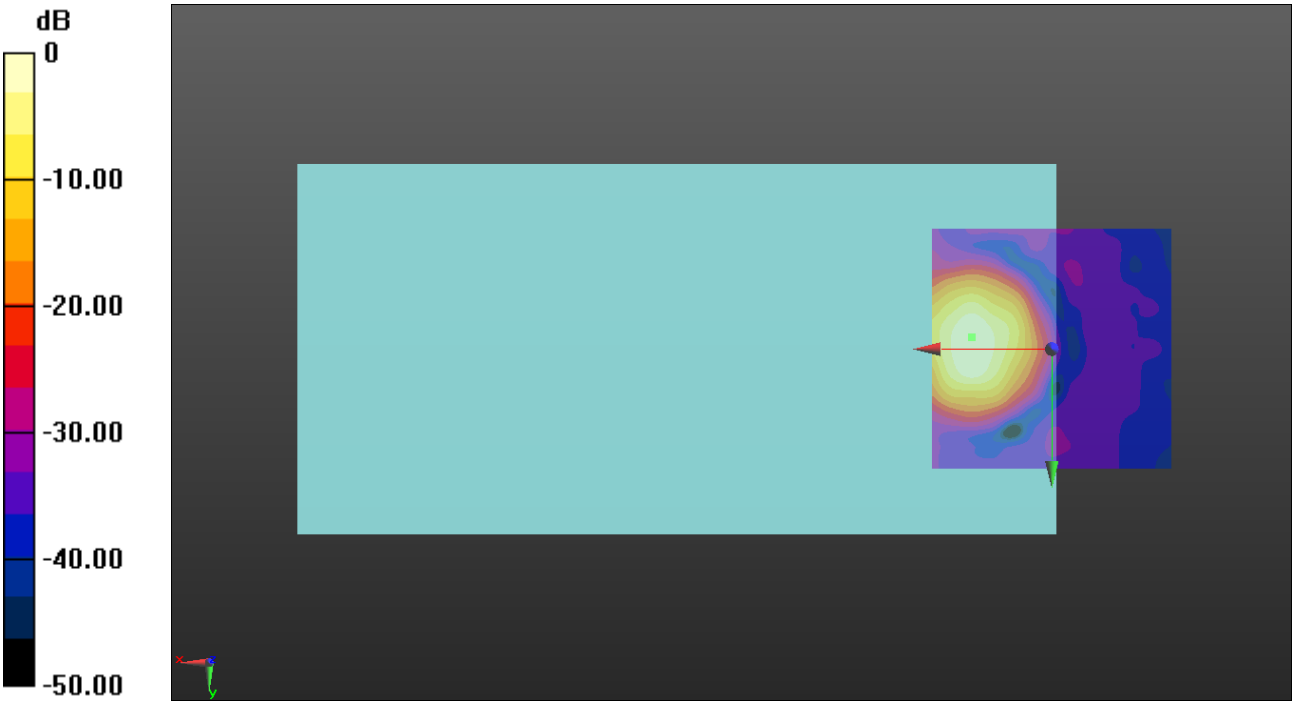
OTT NR

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 836.5 MHz;
Duty Cycle: 1:3.55795
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT NR Band n5 20MHz DFT-s-OFDM QPSK RB1/1 ch167300 OPUS40/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 55.44 dB
ABM1 = 19.68 dBA/m
ABM2 = -35.76 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -2.5, 3.7 mm



0 dB = 9.641 A/m = 19.68 dBA/m

OTT NR

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 836.5 MHz;
Duty Cycle: 1:3.55795
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT NR Band n5 20MHz DFT-s-OFDM QPSK RB1/1 ch167300 OPUS40/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 46.88 dB
ABM1 = 11.81 dBA/m
ABM2 = -35.07 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, 8.3, 3.7 mm

0 dB = 3.895 A/m = 11.81 dBA/m

OTT NR

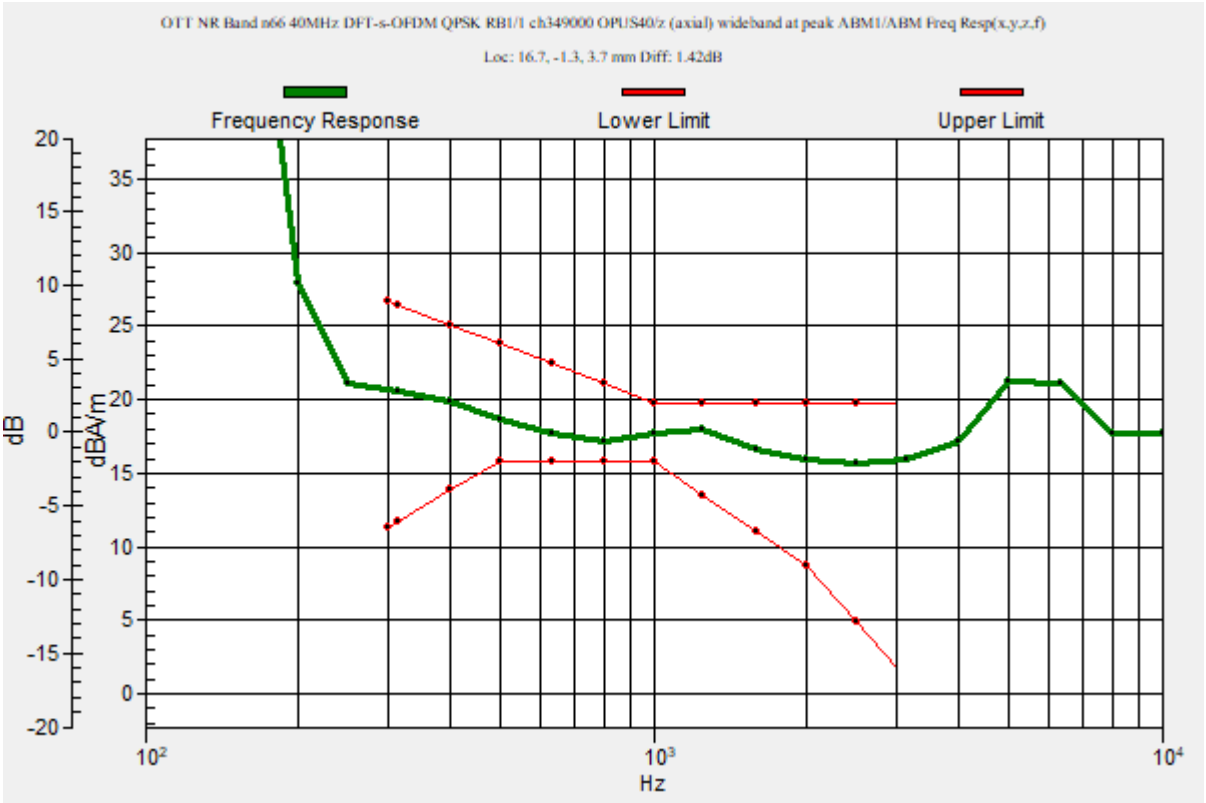
Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1745 MHz;Duty Cycle: 1:3.55877

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT NR Band n66 40MHz DFT-s-OFDM QPSK RB1/1 ch349000 OPUS40/z (axial) wideband at peak ABM1/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: 38.59
Measure Window Start: 1000ms
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 = 1.42 dB
BWC Factor = 10.80 dB
Location: 16.7, -1.3, 3.7 mm



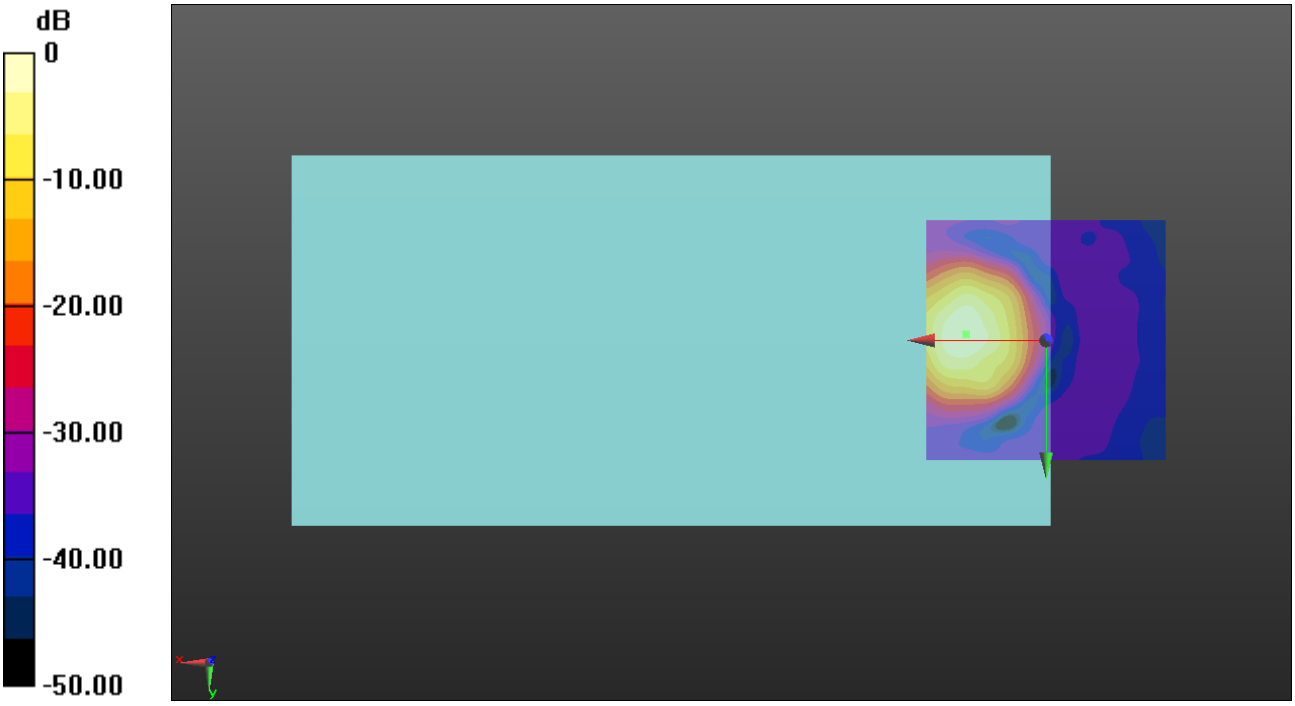
OTT NR

Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1745 MHz;
Duty Cycle: 1:3.55877
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT NR Band n66 40MHz DFT-s-OFDM QPSK RB1/1 ch349000 OPUS40/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 55.20 dB
ABM1 = 20.25 dBA/m
ABM2 = -34.95 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -1.3, 3.7 mm



0 dB = 10.30 A/m = 20.26 dBA/m

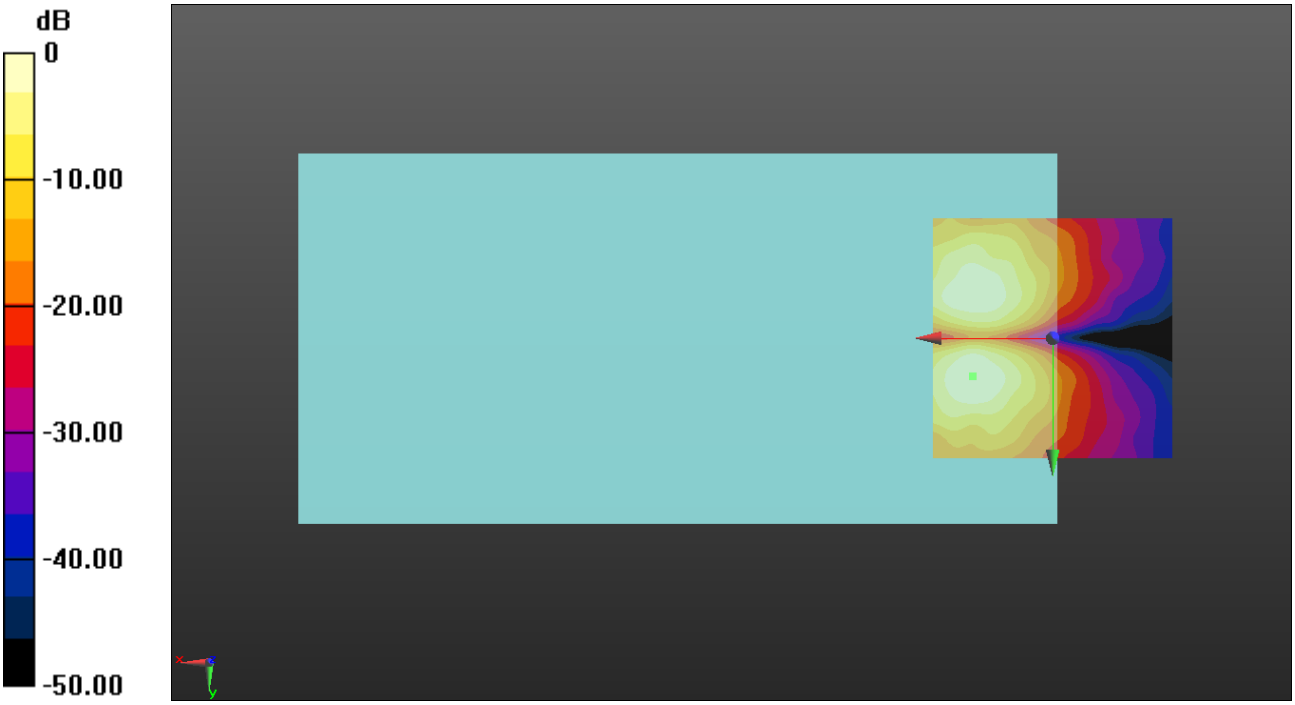
OTT NR

Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1745 MHz;
Duty Cycle: 1:3.55877
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT NR Band n66 40MHz DFT-s-OFDM QPSK RB1/1 ch349000 OPUS40/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 44.10 dB
ABM1 = 11.93 dBA/m
ABM2 = -32.17 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, 7.9, 3.7 mm



0 dB = 3.951 A/m = 11.93 dBA/m

OTT NR

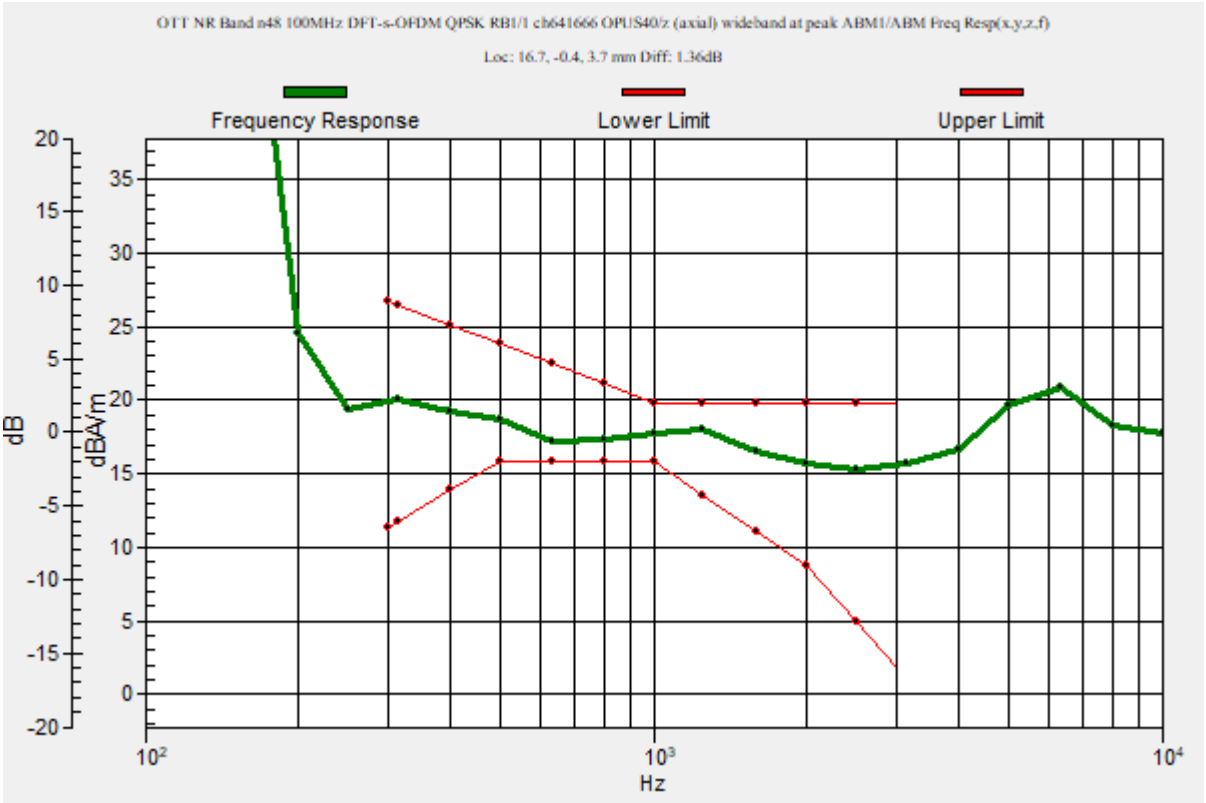
Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3624.99 MHz;Duty Cycle: 1:3.69913

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT NR Band n48 40MHz DFT-s-OFDM QPSK RB1/1 ch641666 OPUS40/z (axial) wideband at peak ABM1/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: 38.59
Measure Window Start: 500ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 1.36 dB
BWC Factor = 10.80 dB
Location: 16.7, -0.4, 3.7 mm



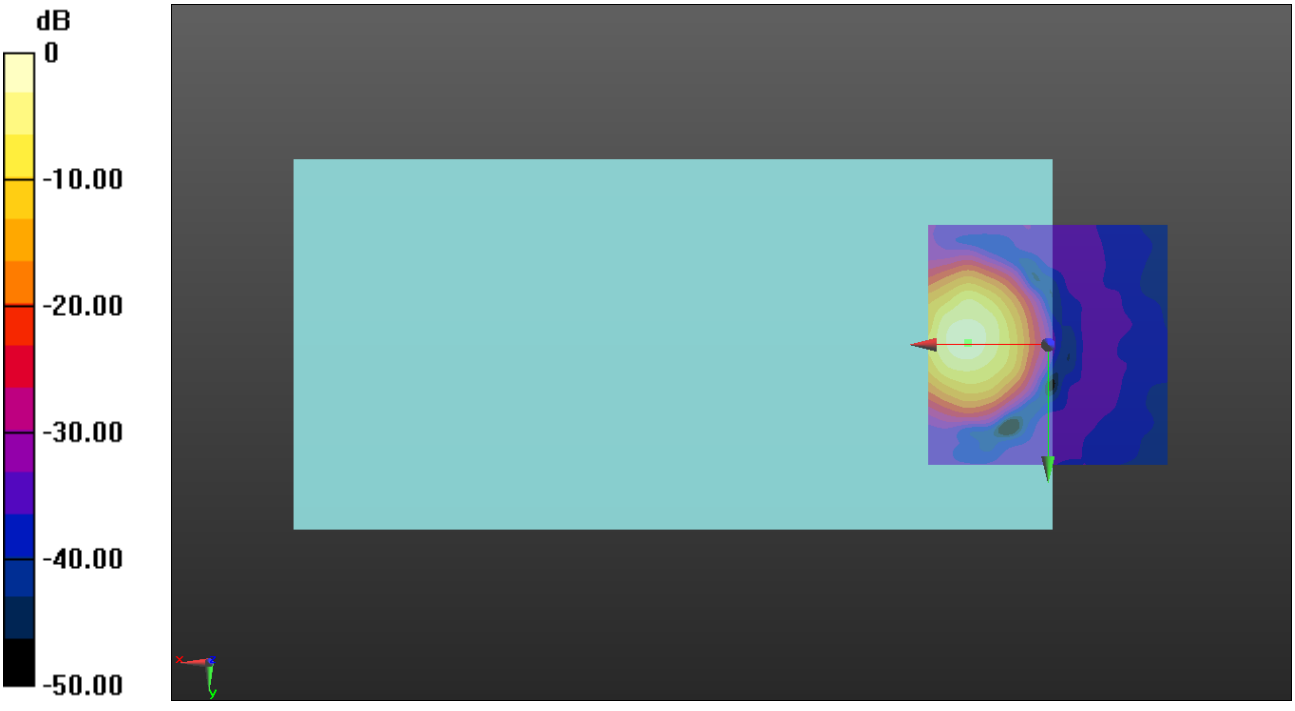
OTT NR

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3624.99 MHz;
Duty Cycle: 1:3.69913
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT NR Band n48 40MHz DFT-s-OFDM QPSK RB1/1 ch641666 OPUS40/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 49.49 dB
ABM1 = 20.90 dBA/m
ABM2 = -28.59 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -0.4, 3.7 mm



0 dB = 11.09 A/m = 20.90 dBA/m

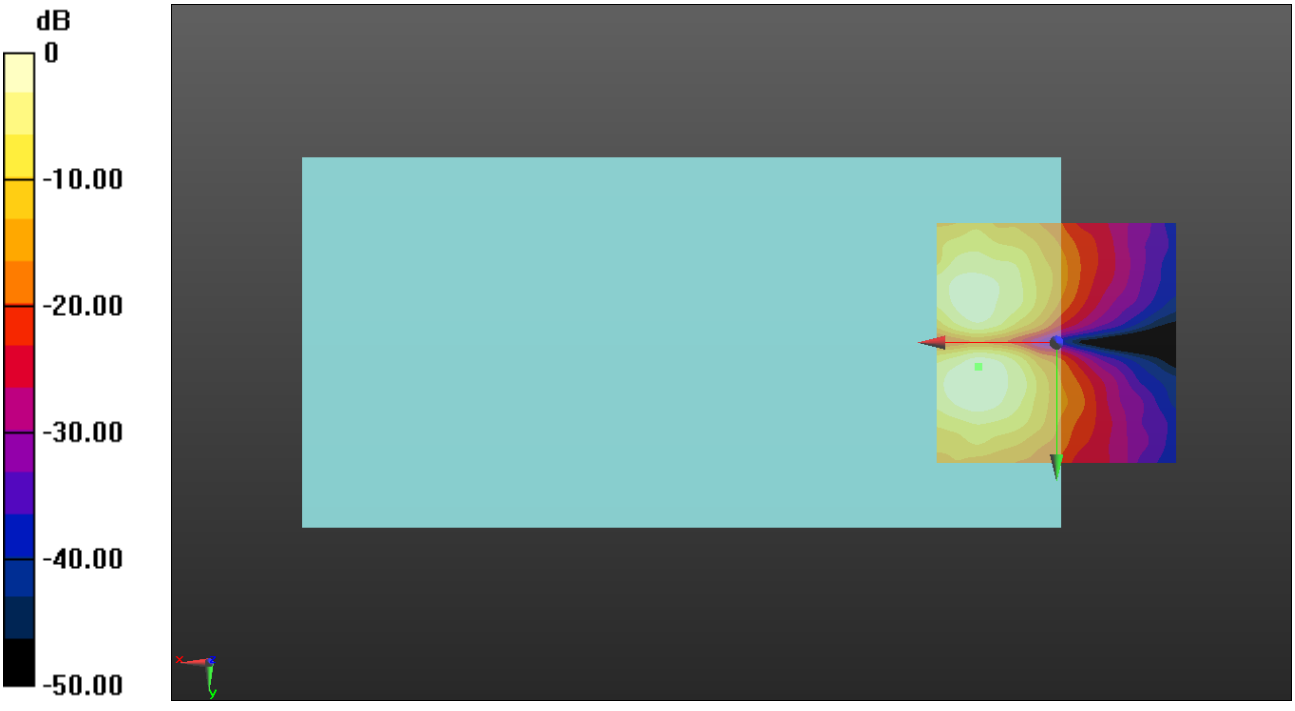
OTT NR

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3624.99 MHz;
Duty Cycle: 1:3.69913
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT NR Band n48 40MHz DFT-s-OFDM QPSK RB1/1 ch641666 OPUS40/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 36.88 dB
ABM1 = 10.20 dBA/m
ABM2 = -26.68 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, 5, 3.7 mm



0 dB = 3.761 A/m = 11.51 dBA/m

OTT NR

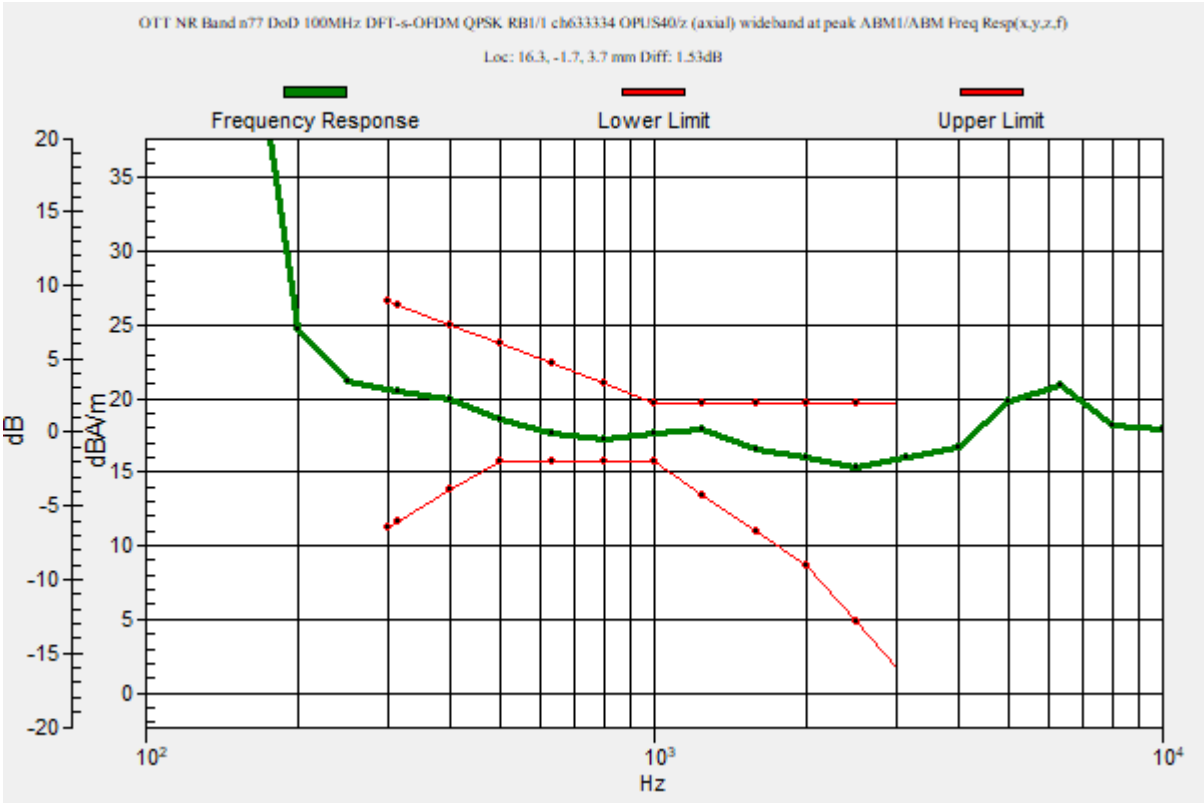
Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3500.01 MHz;Duty Cycle: 1:3.69913

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT NR Band n77 DoD 100MHz DFT-s-OFDM QPSK RB1/1 ch633334 OPUS40/z (axial) wideband at peak ABM1/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: 38.59
Measure Window Start: 500ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 1.53 dB
BWC Factor = 10.80 dB
Location: 16.3, -1.7, 3.7 mm



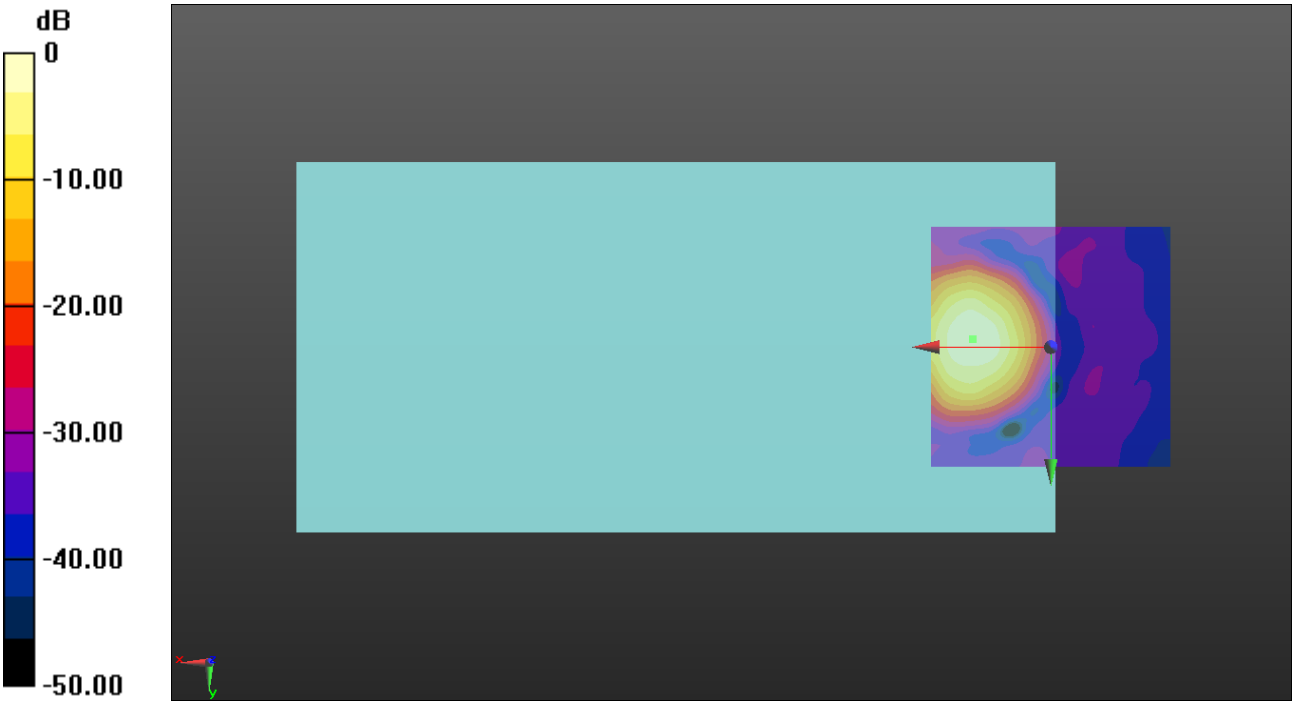
OTT NR

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3500.01 MHz;
Duty Cycle: 1:3.69913
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT NR Band n77 DoD 100MHz DFT-s-OFDM QPSK RB1/1 ch633334 OPUS40/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 47.50 dB
ABM1 = 19.29 dBA/m
ABM2 = -28.21 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, -1.7, 3.7 mm



0 dB = 9.220 A/m = 19.29 dBA/m

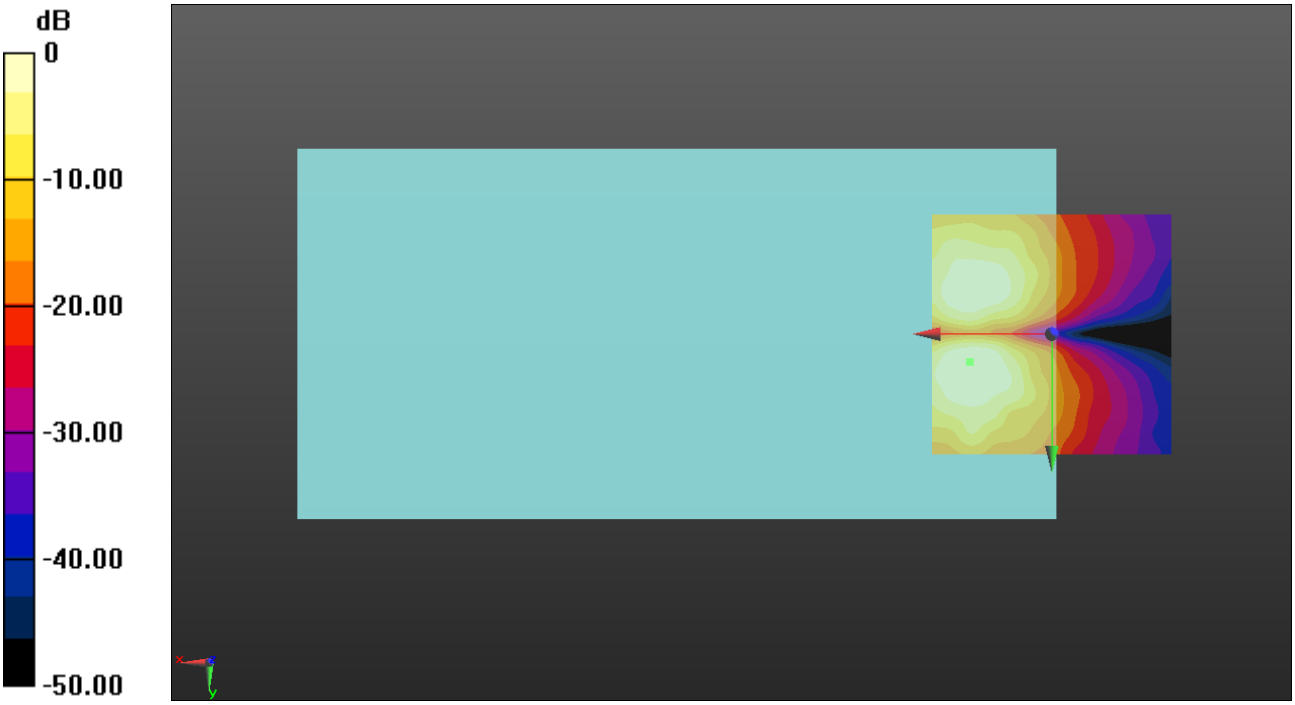
OTT NR

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3500.01 MHz; Duty Cycle: 1:3.69913
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT NR Band n77 DoD 100MHz DFT-s-OFDM QPSK RB1/1 ch633334 OPUS40/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 36.93 dB
ABM1 = 10.78 dBA/m
ABM2 = -26.15 dBA/m
BWC Factor = 0.16 dB
Location: 17.1, 5.8, 3.7 mm



0 dB = 3.457 A/m = 10.77 dBA/m

OTT NR

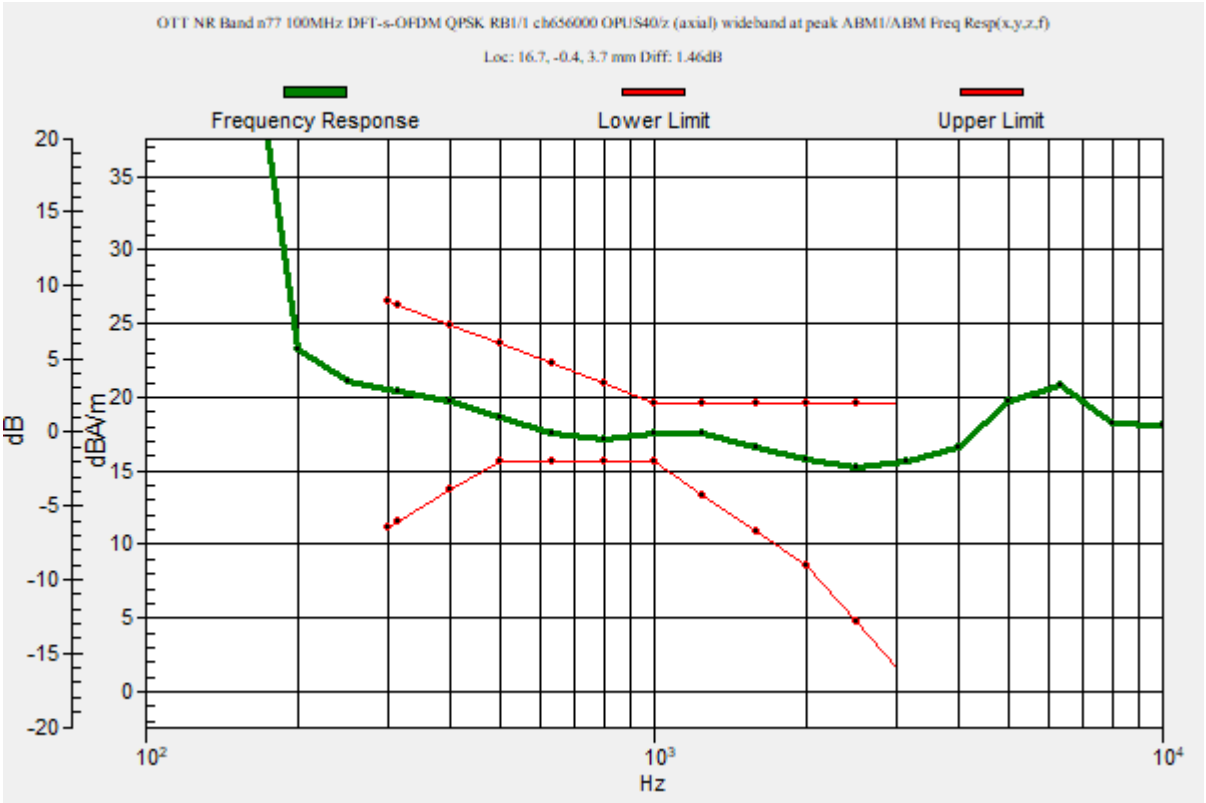
Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3840 MHz;Duty Cycle: 1:3.69913

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT NR Band n77 100MHz DFT-s-OFDM QPSK RB1/1 ch656000 OPUS40/z (axial) wideband at peak ABM1/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: 38.59
Measure Window Start: 500ms
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: 16.7, -0.4, 3.7 mm



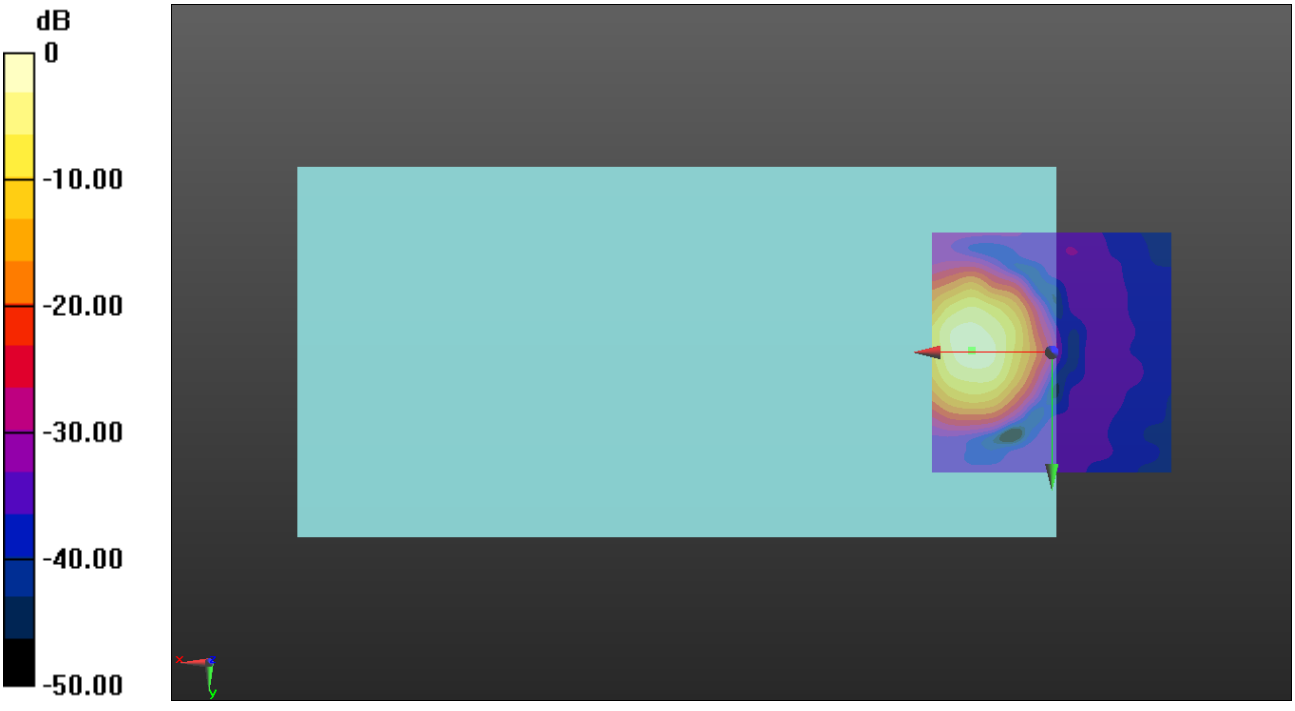
OTT NR

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3840 MHz;
Duty Cycle: 1:3.69913
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT NR Band n77 100MHz DFT-s-OFDM QPSK RB1/1 ch656000 OPUS40/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 48.14 dB
ABM1 = 20.21 dBA/m
ABM2 = -27.93 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -0.4, 3.7 mm



0 dB = 10.25 A/m = 20.21 dBA/m

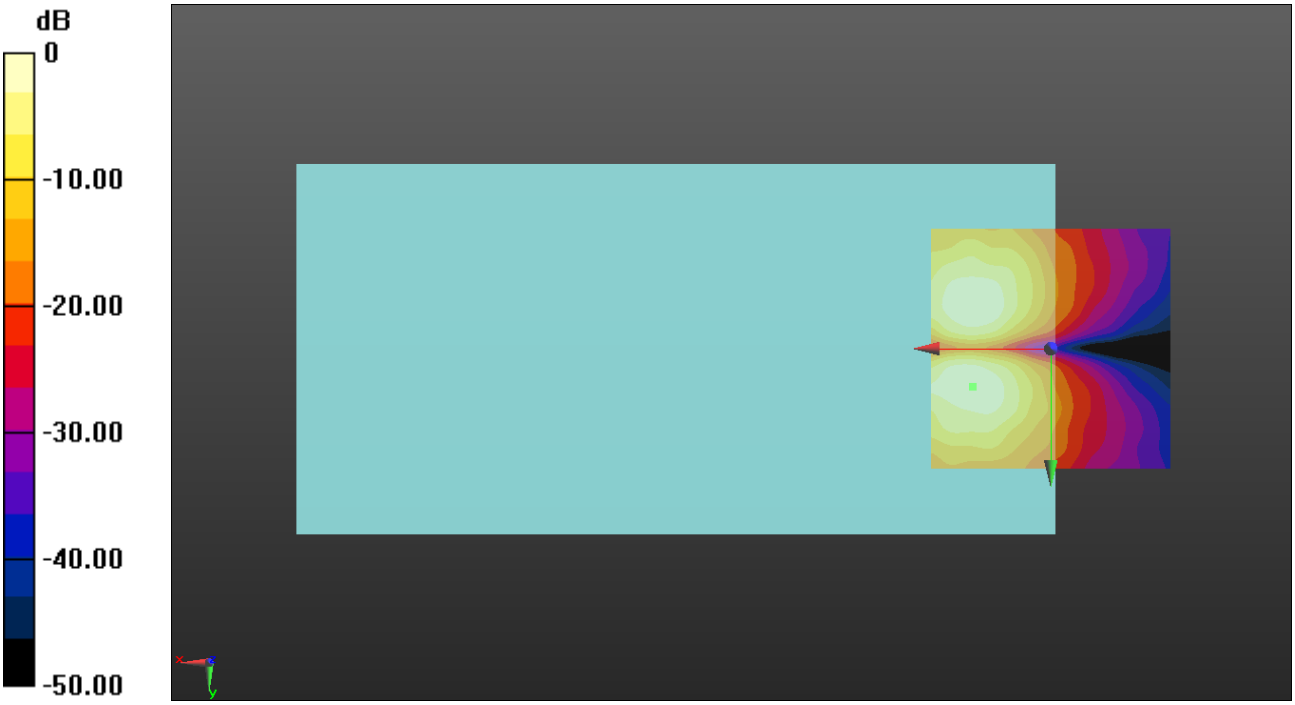
OTT NR

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3840 MHz;
Duty Cycle: 1:3.69913
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT NR Band n77 100MHz DFT-s-OFDM QPSK RB1/1 ch656000 OPUS40/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 39.21 dB
ABM1 = 11.30 dBA/m
ABM2 = -27.91 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, 7.9, 3.7 mm



0 dB = 3.675 A/m = 11.31 dBA/m

OTT WiFi

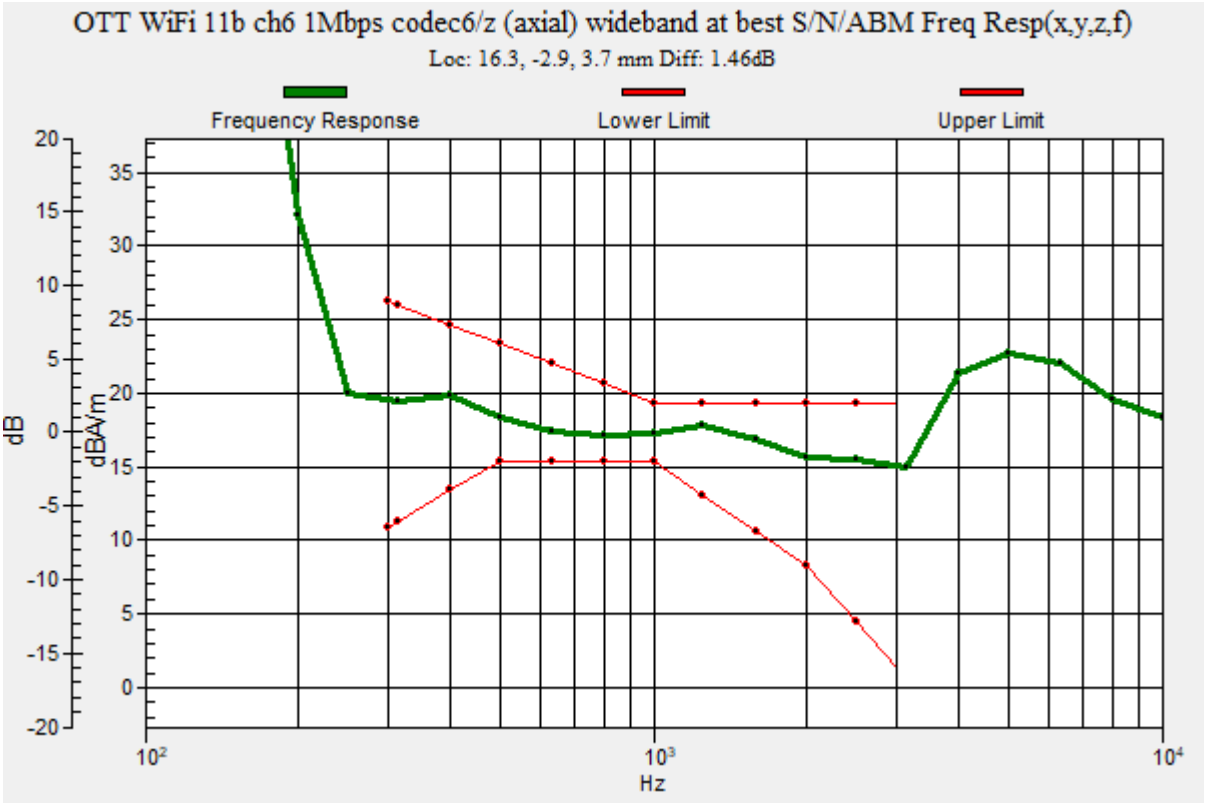
Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT WiFi 11b ch6 1Mbps codec6/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: 38.59
Measure Window Start: 1000ms
Measure Window Length: 4000ms
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: 16.3, -2.9, 3.7 mm



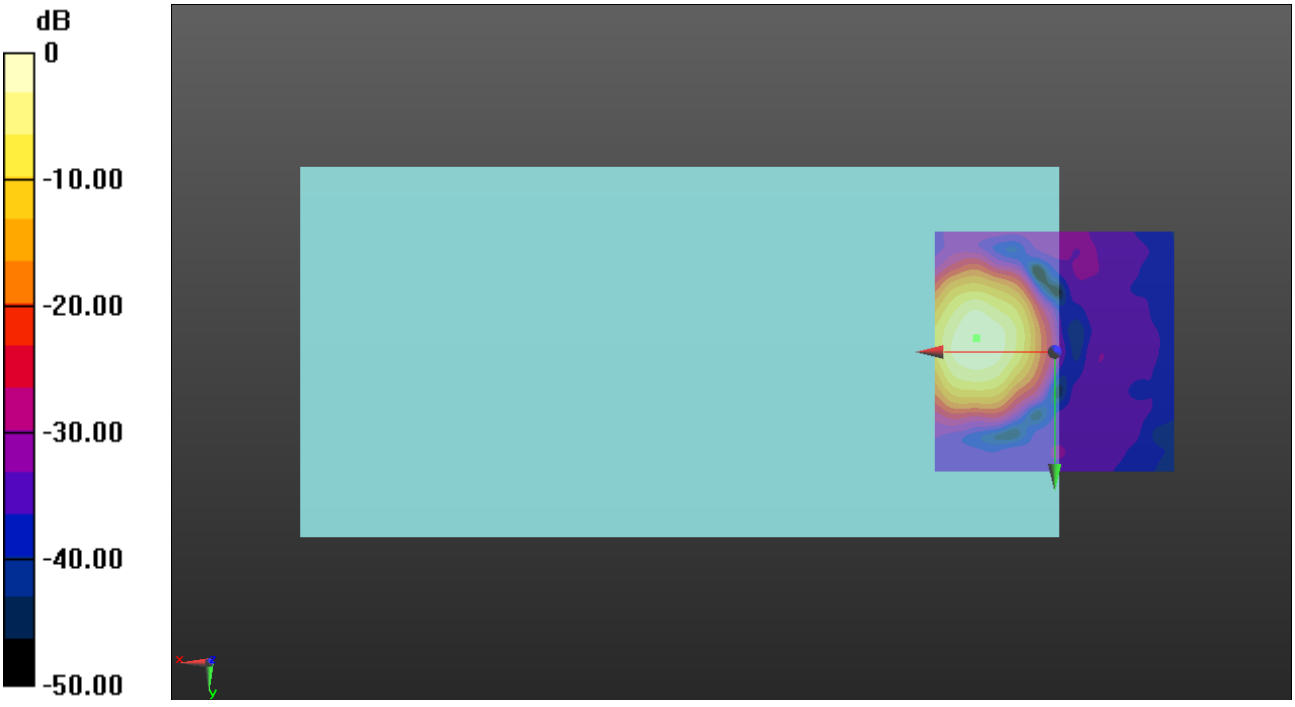
OTT WiFi

Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT WiFi 11b ch6 1Mbps codec6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 55.64 dB
ABM1 = 19.41 dBA/m
ABM2 = -36.23 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, -2.9, 3.7 mm



0 dB = 9.340 A/m = 19.41 dBA/m

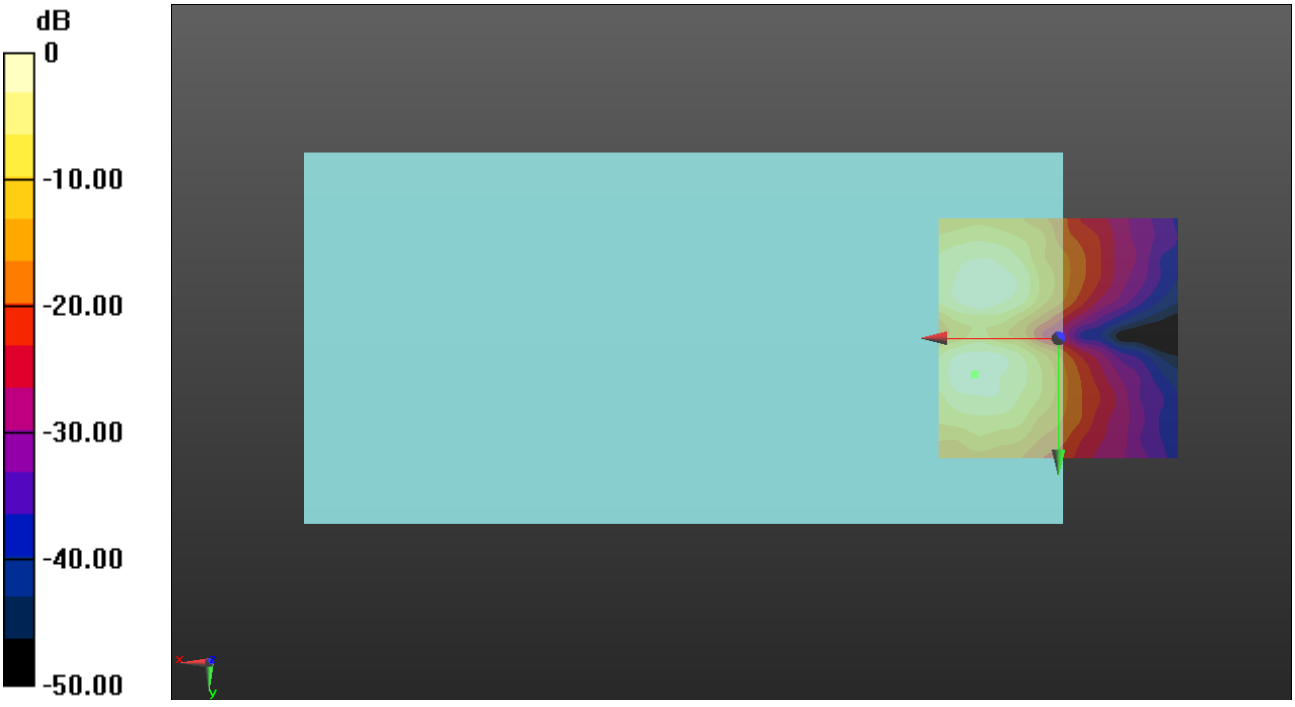
OTT WiFi

Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT WiFi 11b ch6 1Mbps codec6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 43.65 dB
ABM1 = 10.95 dBA/m
ABM2 = -32.70 dBA/m
BWC Factor = 0.16 dB
Location: 17.5, 7.5, 3.7 mm



0 dB = 3.776 A/m = 11.54 dBA/m

OTT WiFi

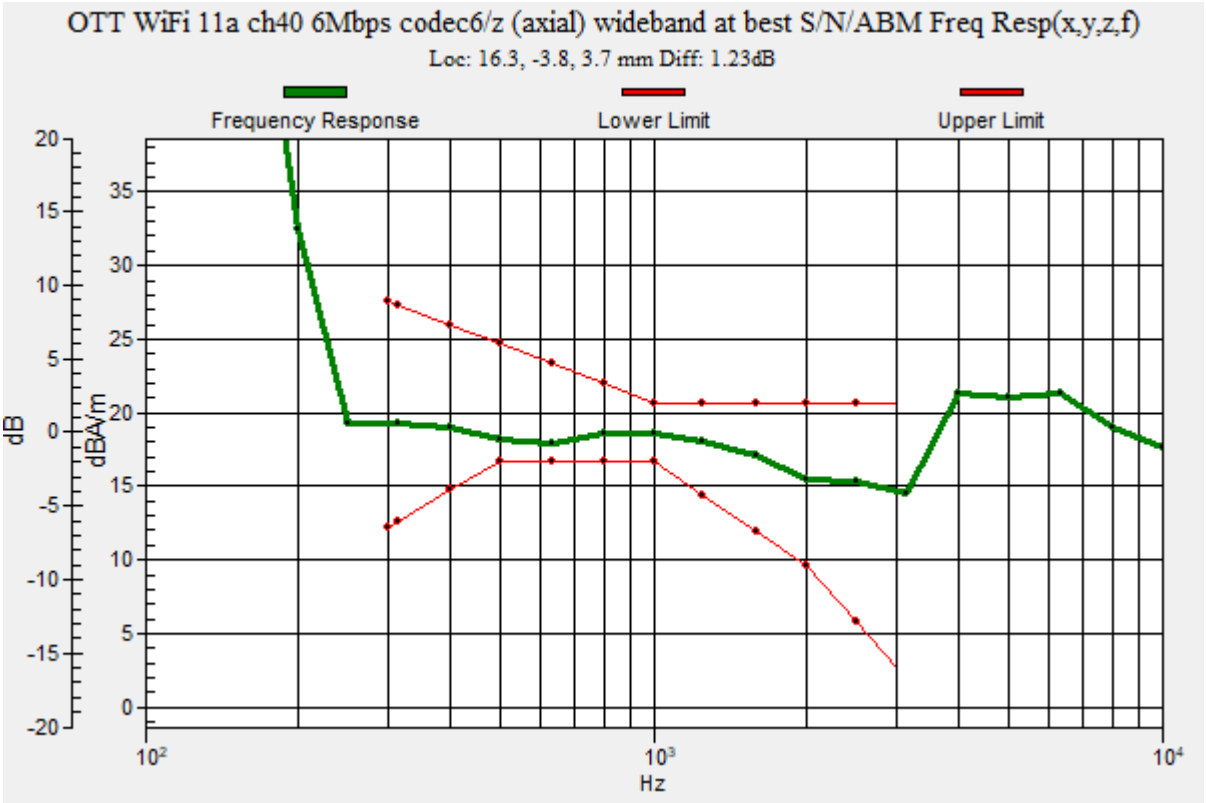
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5200 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT WiFi 11a ch40 6Mbps codec6/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: 38.59
Measure Window Start: 1000ms
Measure Window Length: 4000ms
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 = 1.23 dB
BWC Factor = 10.80 dB
Location: 16.3, -3.8, 3.7 mm



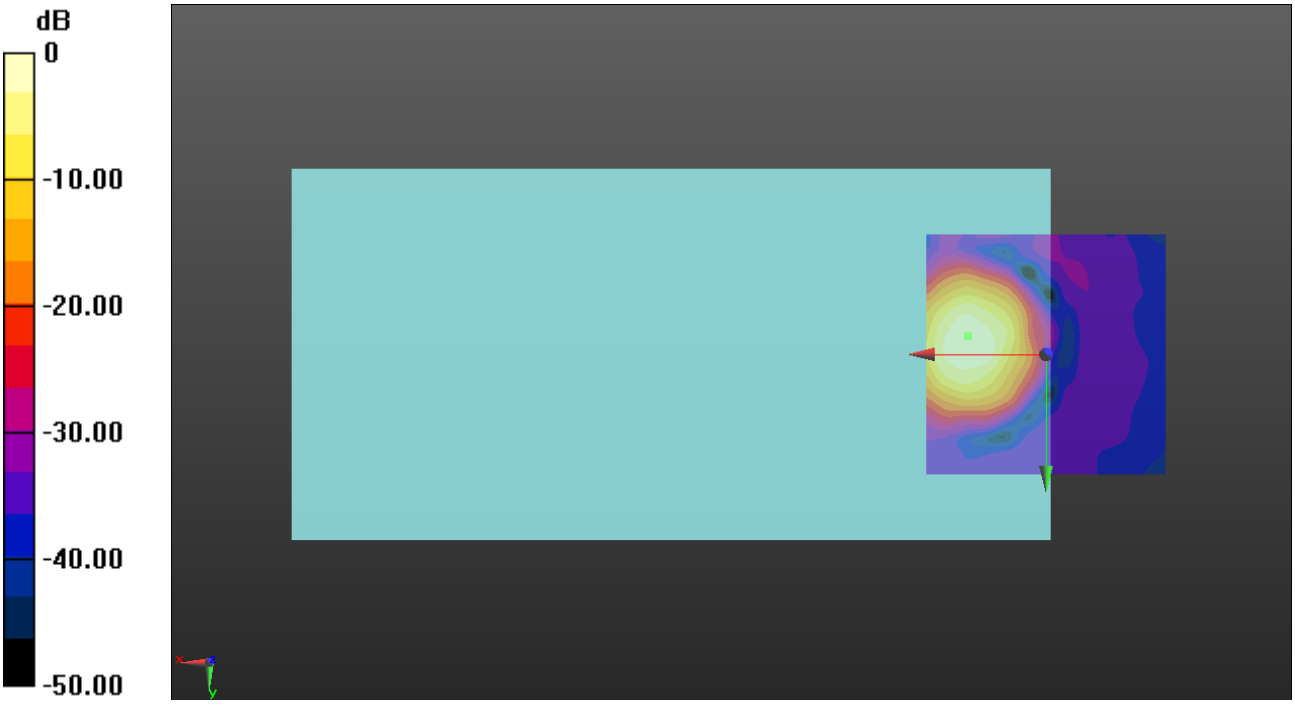
OTT WiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT WiFi 11a ch40 6Mbps codec6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 56.62 dB
ABM1 = 19.55 dBA/m
ABM2 = -37.07 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, -3.8, 3.7 mm



0 dB = 9.495 A/m = 19.55 dBA/m

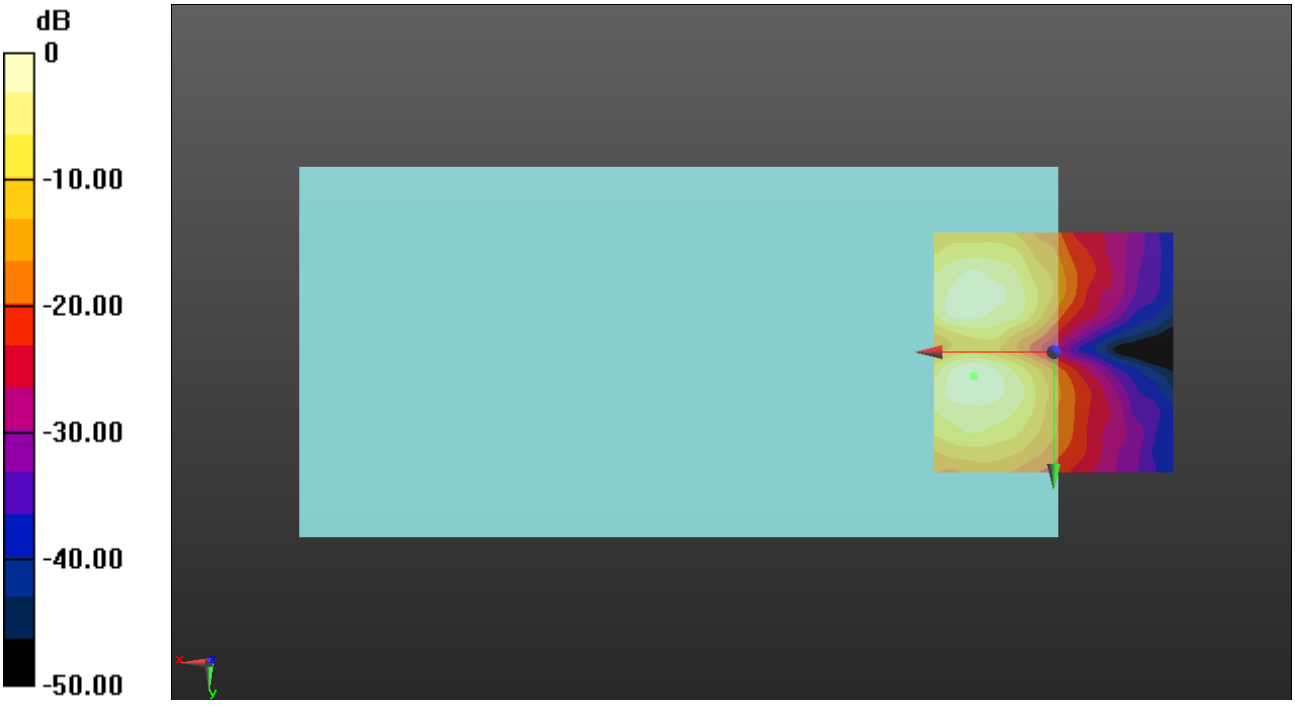
OTT WiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT WiFi 11a ch40 6Mbps codec6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 49.75 dB
ABM1 = 11.70 dBA/m
ABM2 = -38.05 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, 5, 3.7 mm



0 dB = 3.847 A/m = 11.70 dBA/m

OTT WiFi

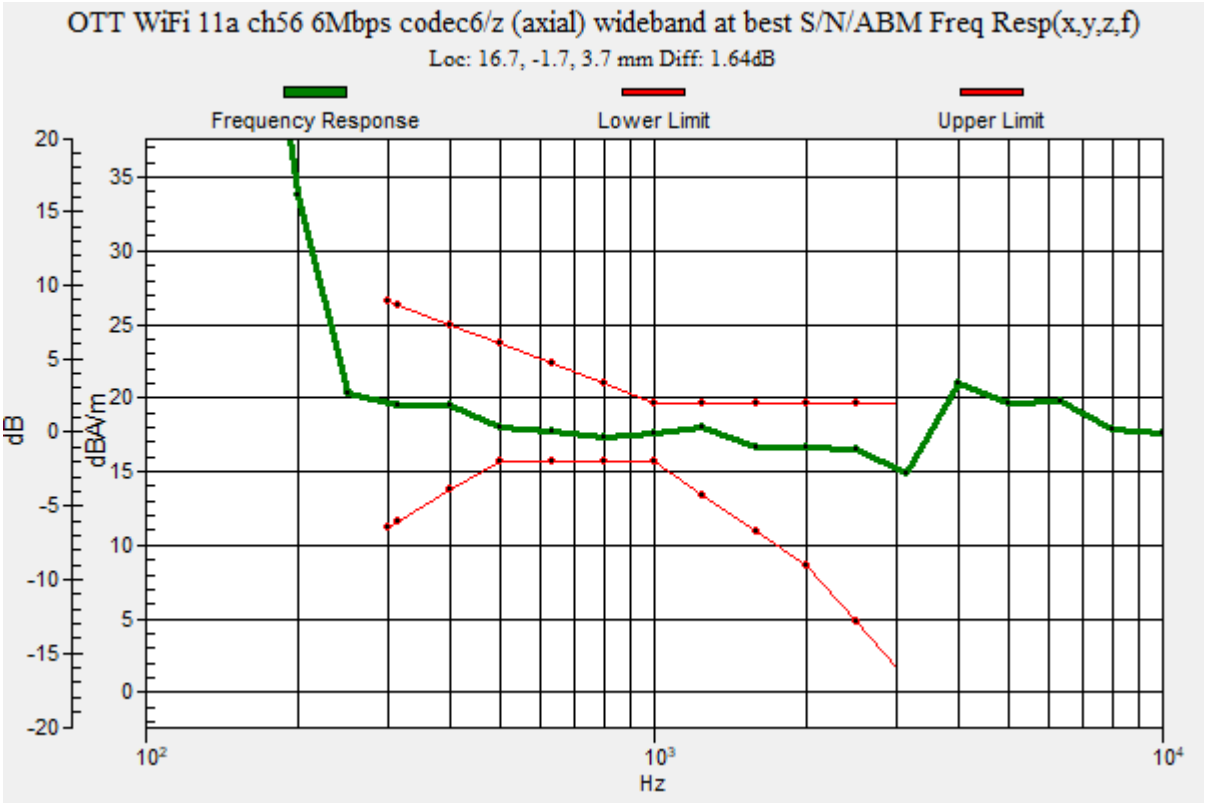
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5280 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT WiFi 11a ch56 6Mbps codec6/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: 38.59
Measure Window Start: 1000ms
Measure Window Length: 4000ms
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 = 1.64 dB
BWC Factor = 10.80 dB
Location: 16.7, -1.7, 3.7 mm



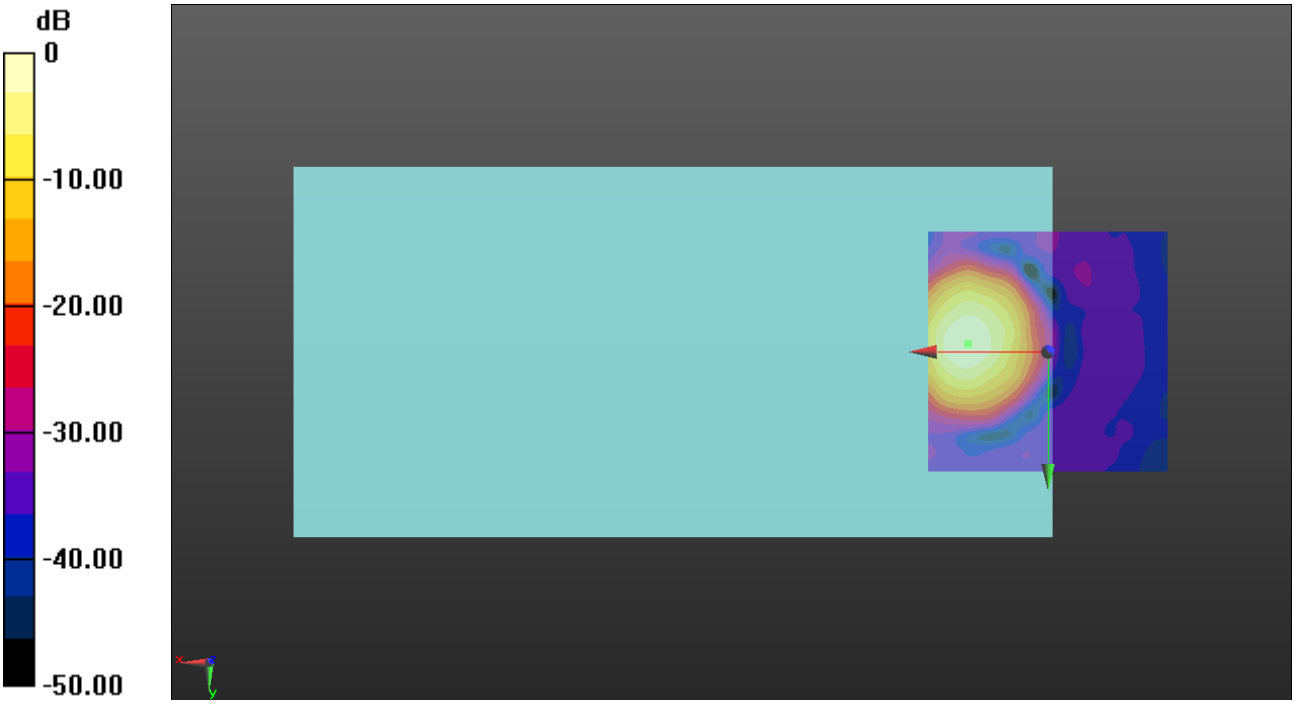
OTT WiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5280 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT WiFi 11a ch56 6Mbps codec6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 57.18 dB
ABM1 = 19.62 dBA/m
ABM2 = -37.56 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -1.7, 3.7 mm



0 dB = 9.570 A/m = 19.62 dBA/m

OTT WiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5280 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT WiFi 11a ch56 6Mbps codec6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 51.80 dB
ABM1 = 12.03 dBA/m
ABM2 = -39.77 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, 7.9, 3.7 mm

0 dB = 3.996 A/m = 12.03 dBA/m

OTT WiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5600 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT WiFi 11a ch120 6Mbps codec6/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: 38.59
Measure Window Start: 1000ms
Measure Window Length: 4000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 1.44 dB
BWC Factor = 10.80 dB
Location: 16.7, -3.8, 3.7 mm

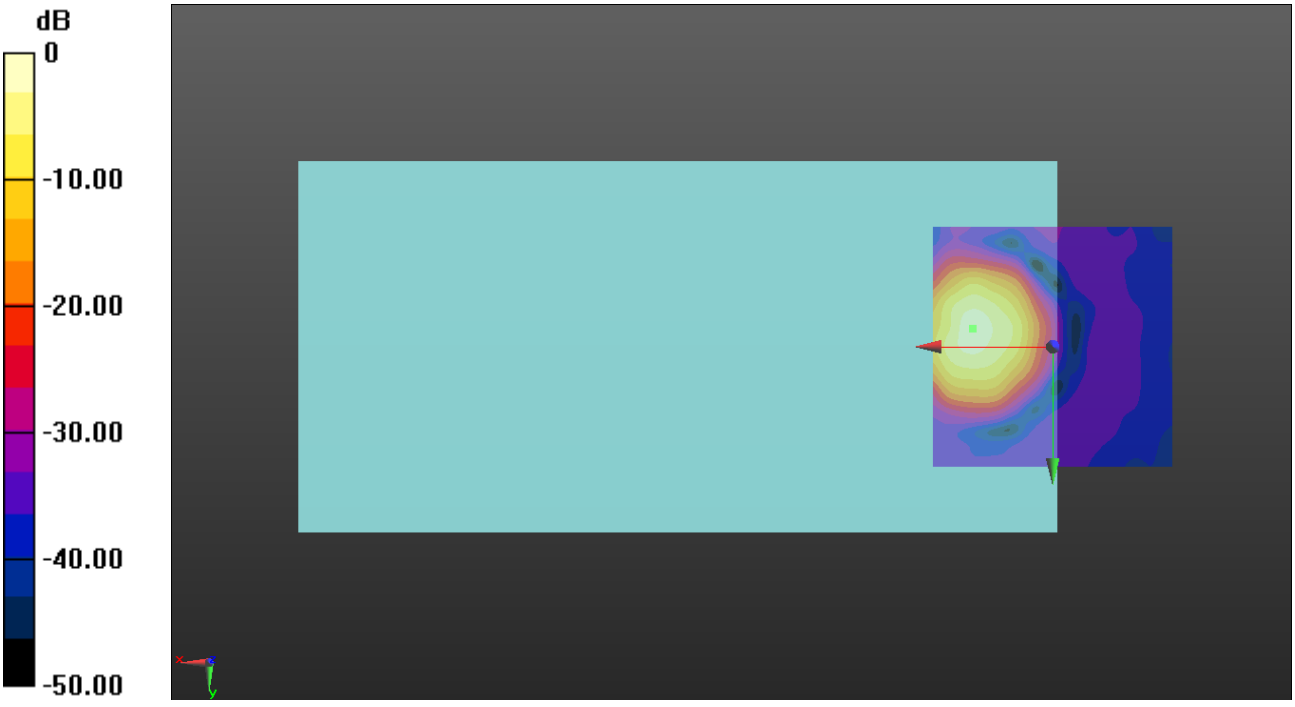
OTT WiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT WiFi 11a ch120 6Mbps codec6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 54.79 dB
ABM1 = 20.29 dBA/m
ABM2 = -34.50 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, -3.8, 3.7 mm



0 dB = 10.34 A/m = 20.29 dBA/m

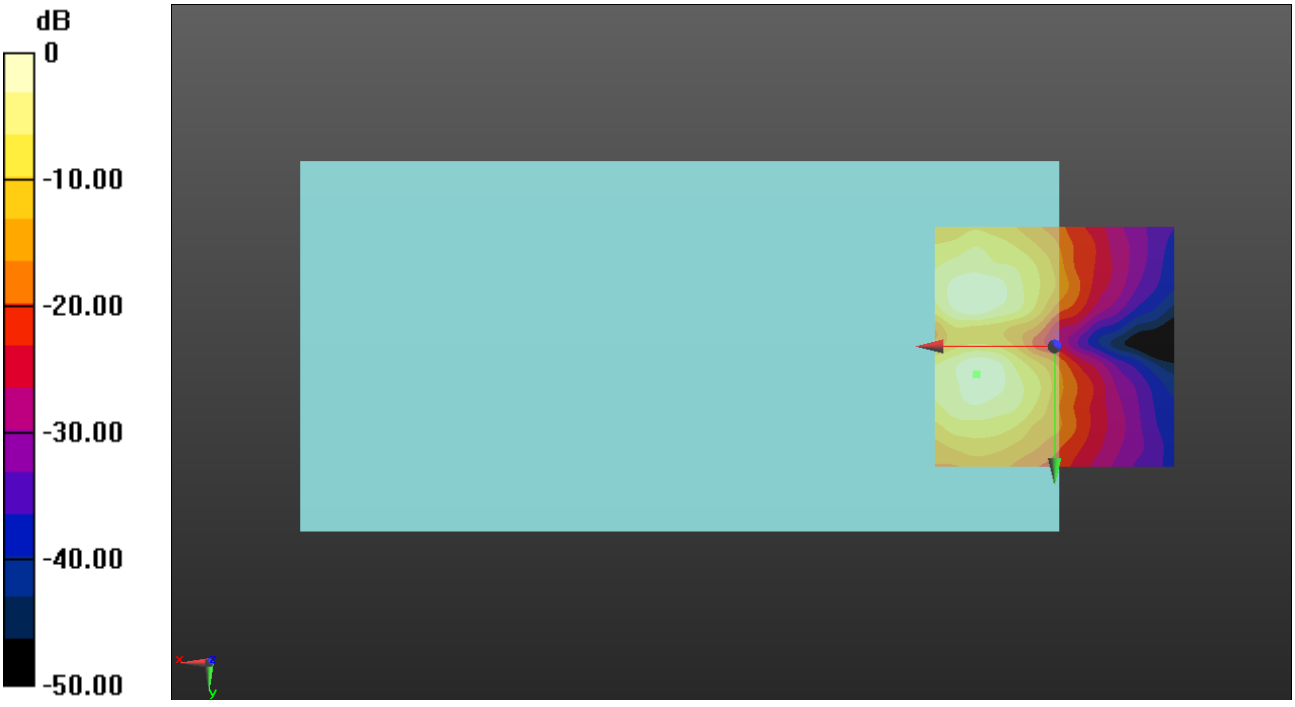
OTT WiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT WiFi 11a ch120 6Mbps codec6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 48.88 dB
ABM1 = 11.95 dBA/m
ABM2 = -36.93 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, 5.8, 3.7 mm



0 dB = 3.960 A/m = 11.95 dBA/m

OTT WiFi

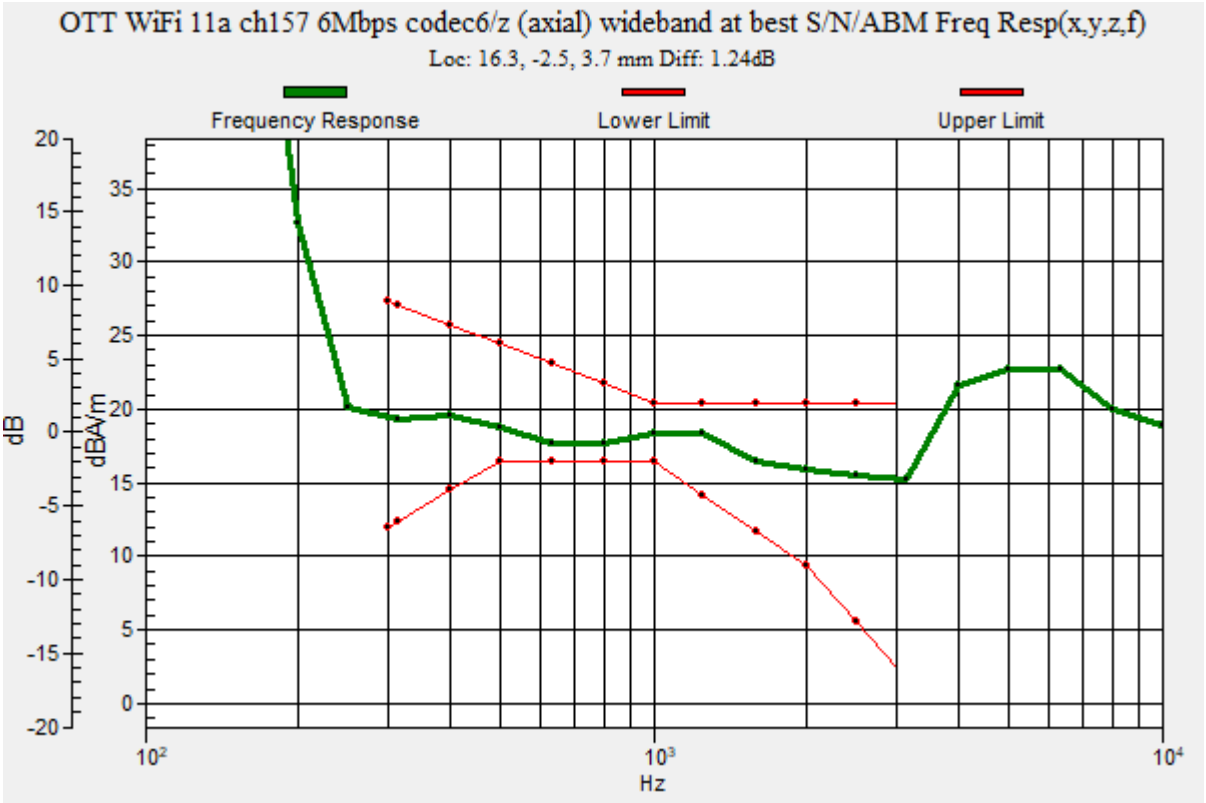
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5785 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT WiFi 11a ch157 6Mbps codec6/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: 38.59
Measure Window Start: 1000ms
Measure Window Length: 4000ms
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 = 1.24 dB
BWC Factor = 10.80 dB
Location: 16.3, -2.5, 3.7 mm



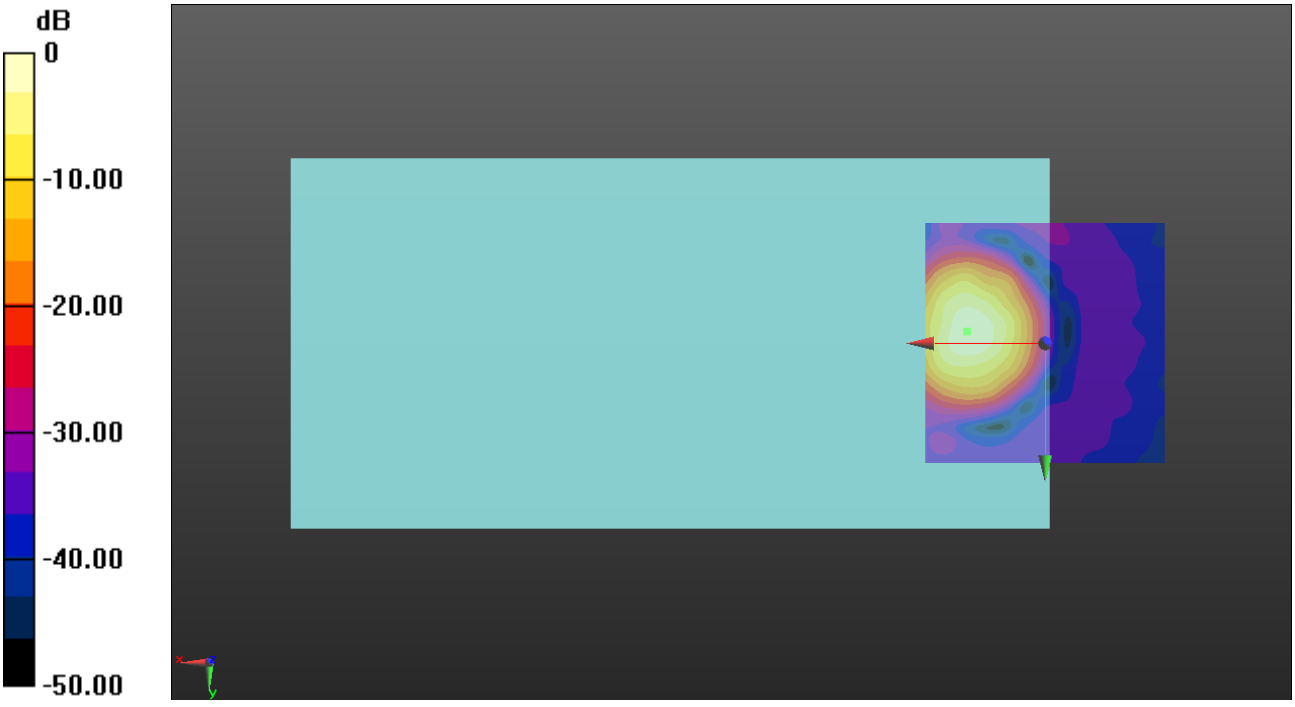
OTT WiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT WiFi 11a ch157 6Mbps codec6/z (axial) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 57.71 dB
ABM1 = 19.99 dBA/m
ABM2 = -37.72 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, -2.5, 3.7 mm



0 dB = 9.988 A/m = 19.99 dBA/m

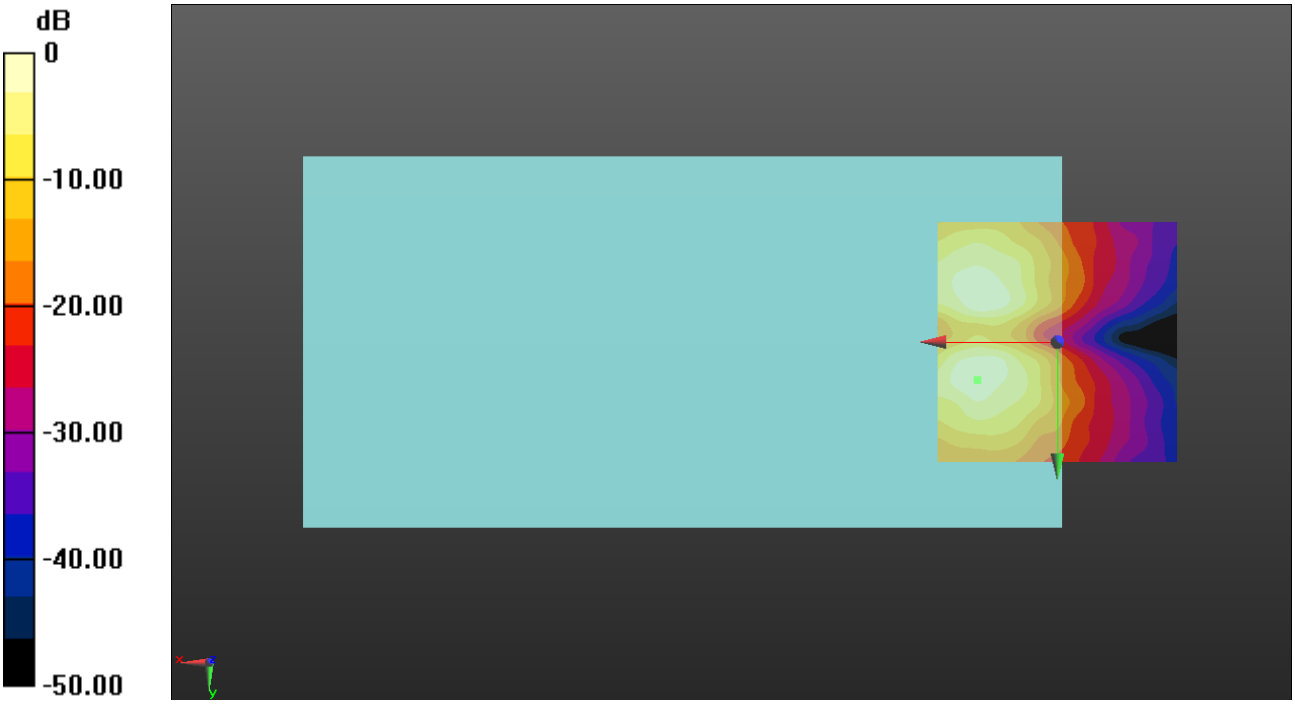
OTT WiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5785 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 2022-09-26
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1343; Calibrated: 2022-08-18
- 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)/OTT WiFi 11a ch157 6Mbps codec6/y (transversal) 4.2mm 50 x 50/ABM Interpolated Signal(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: 19.7
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 49.98 dB
ABM1 = 11.11 dBA/m
ABM2 = -38.87 dBA/m
BWC Factor = 0.16 dB
Location: 16.7, 7.9, 3.7 mm



0 dB = 3.889 A/m = 11.80 dBA/m