GSM

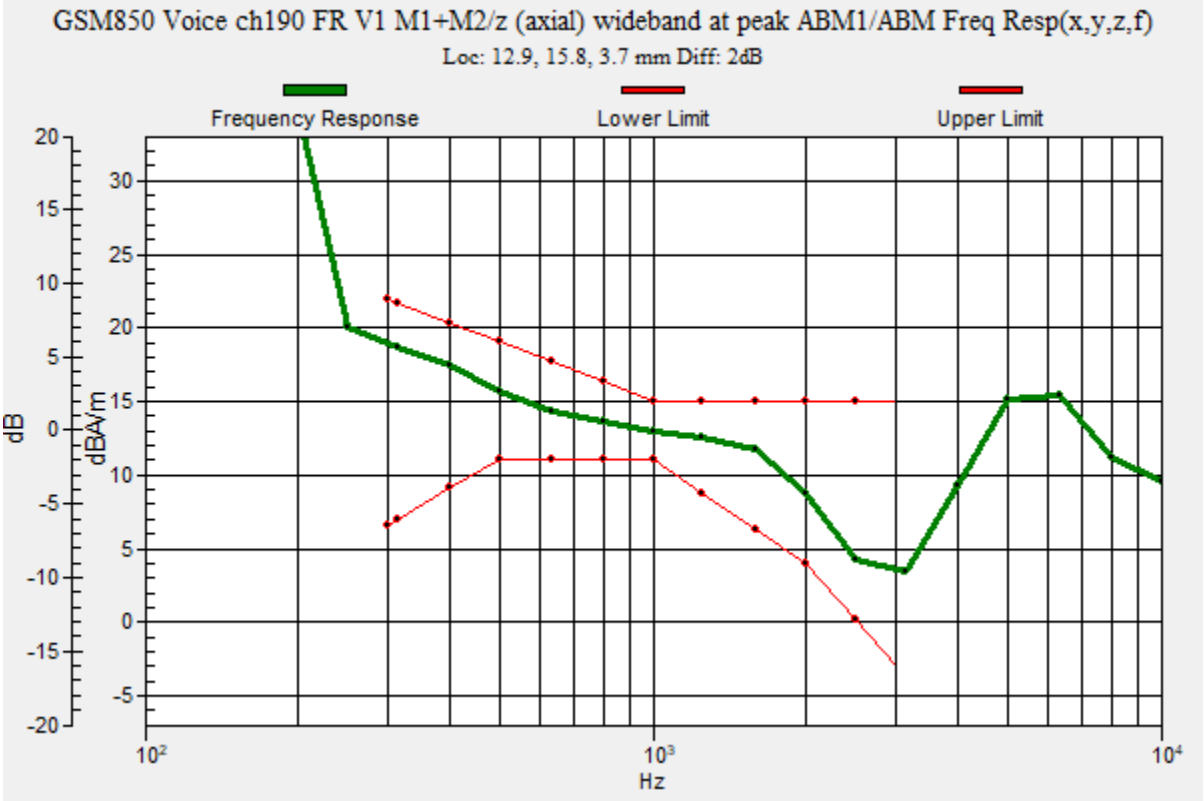
Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.30042

T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM850 Voice ch190 FR V1 Ant.A+Ant.B/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: 47.2
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.9, 15.8, 3.7 mm



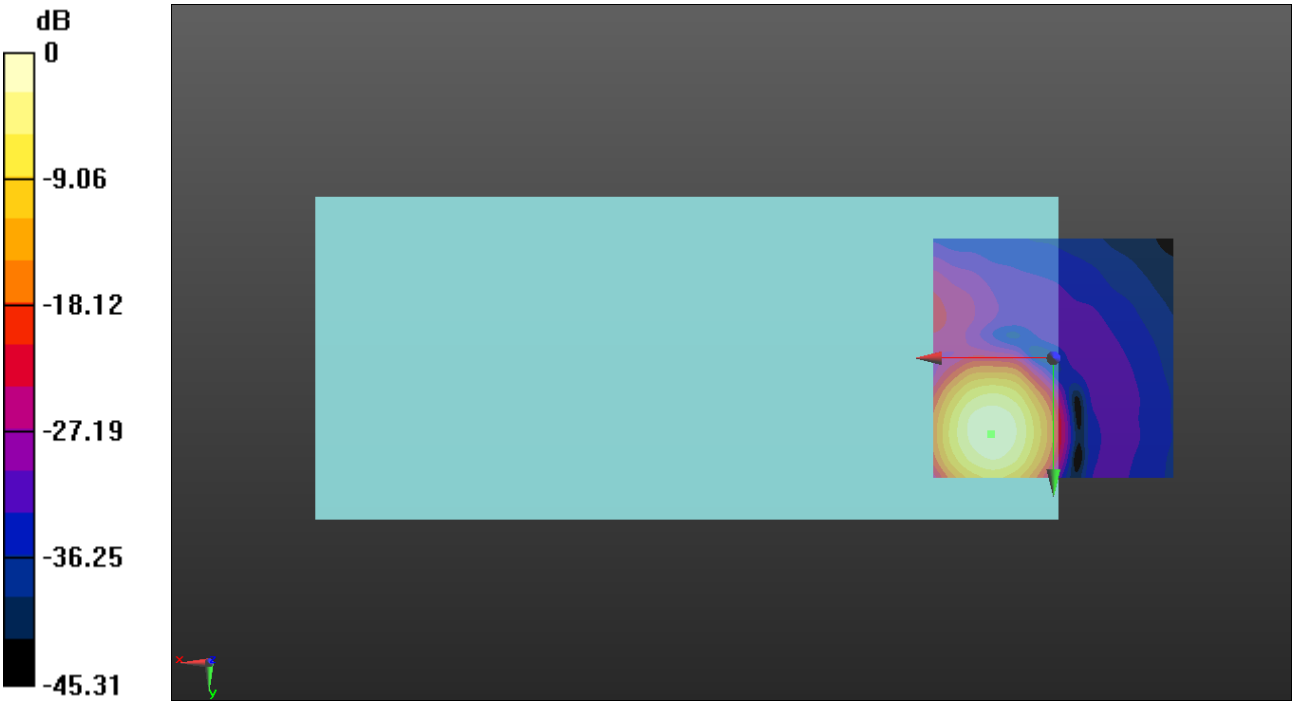
GSM

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 Ant.A+Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 38.25 dB
ABM1 = 12.12 dBA/m
ABM2 = -26.13 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 15.8, 3.7 mm



0 dB = 4.038 A/m = 12.12 dBA/m

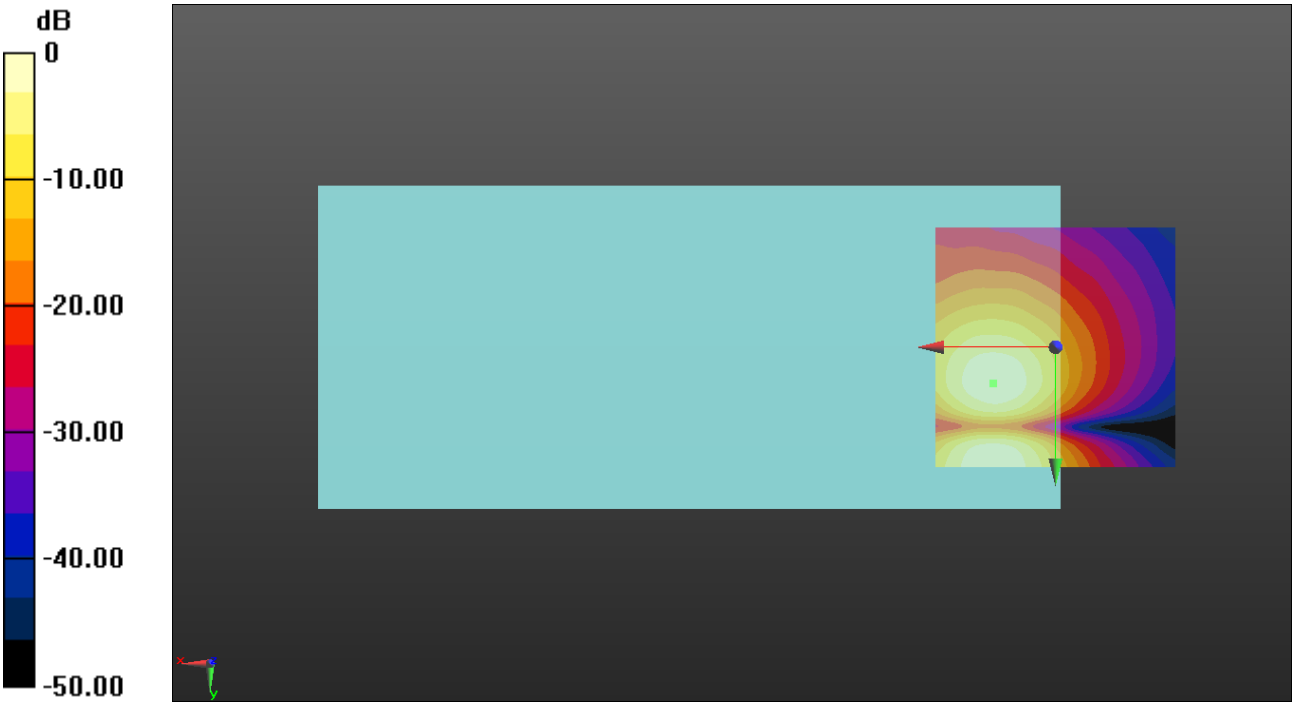
GSM

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 Ant.A+Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 26.72 dB
ABM1 = 3.79 dBA/m
ABM2 = -22.93 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.5, 3.7 mm



0 dB = 1.558 A/m = 3.85 dBA/m

GSM

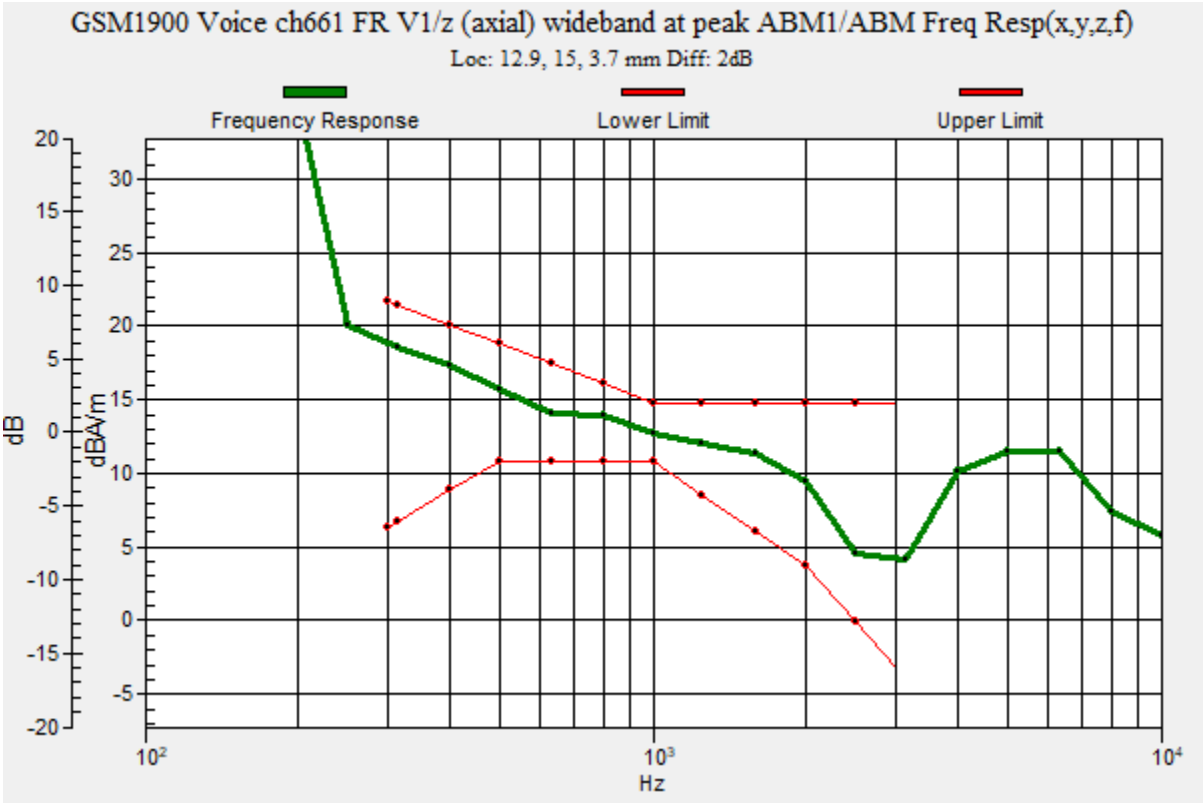
Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz;Duty Cycle: 1:8.30042

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: 47.2
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: 12.9, 15, 3.7 mm



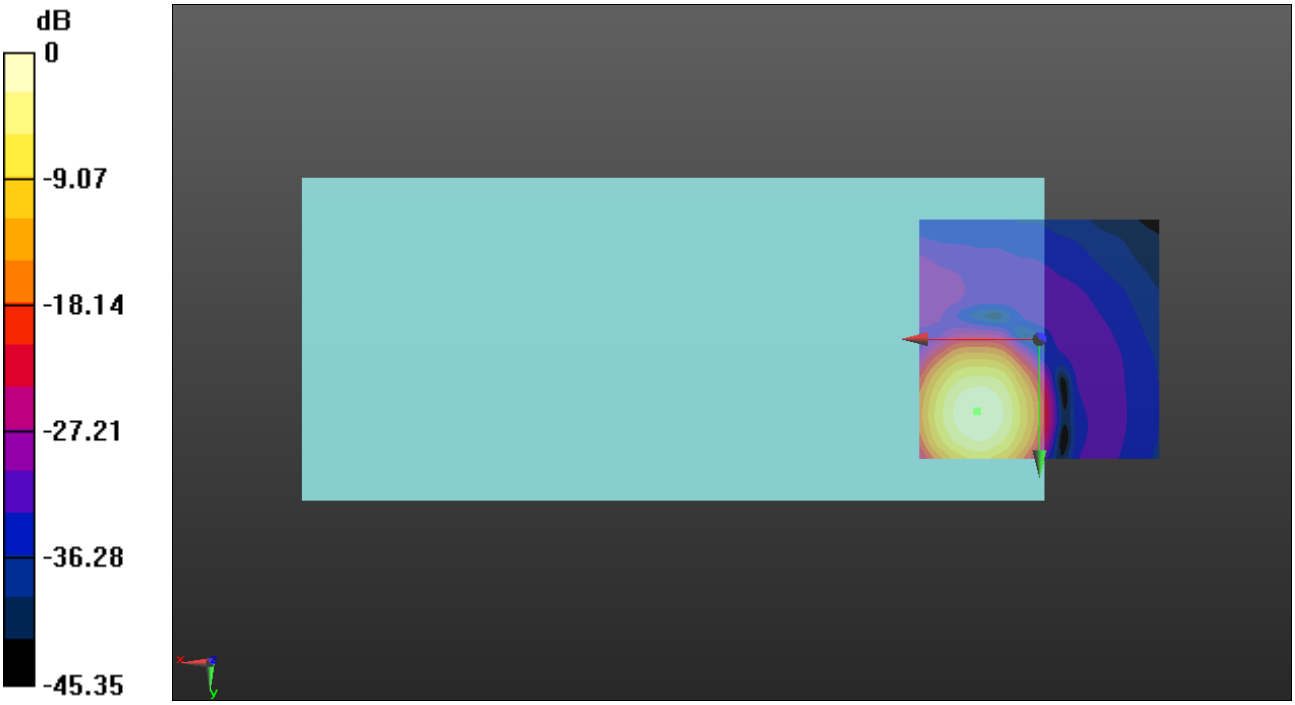
GSM

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 42.39 dB
ABM1 = 11.94 dBA/m
ABM2 = -30.45 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 15, 3.7 mm



0 dB = 3.970 A/m = 11.98 dBA/m

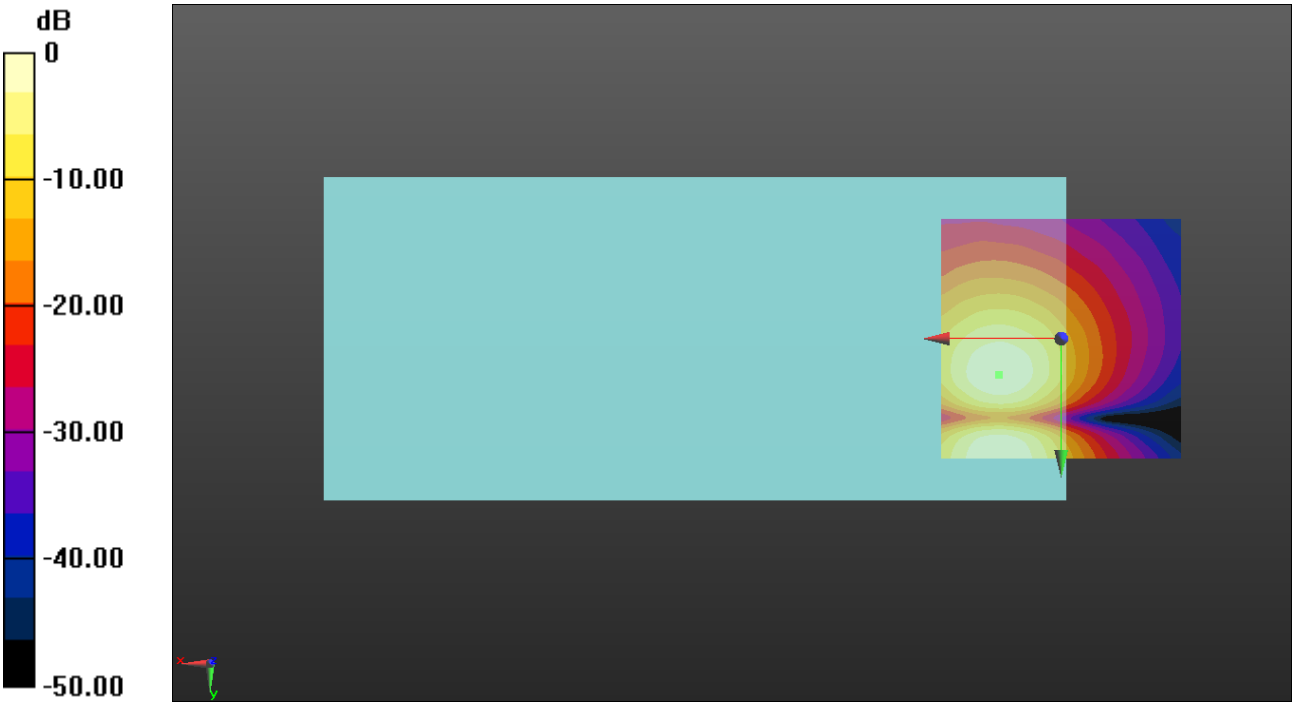
GSM

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 35.38 dB
ABM1 = 3.71 dBA/m
ABM2 = -31.67 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.5, 3.7 mm



0 dB = 1.532 A/m = 3.71 dBA/m

WCDMA

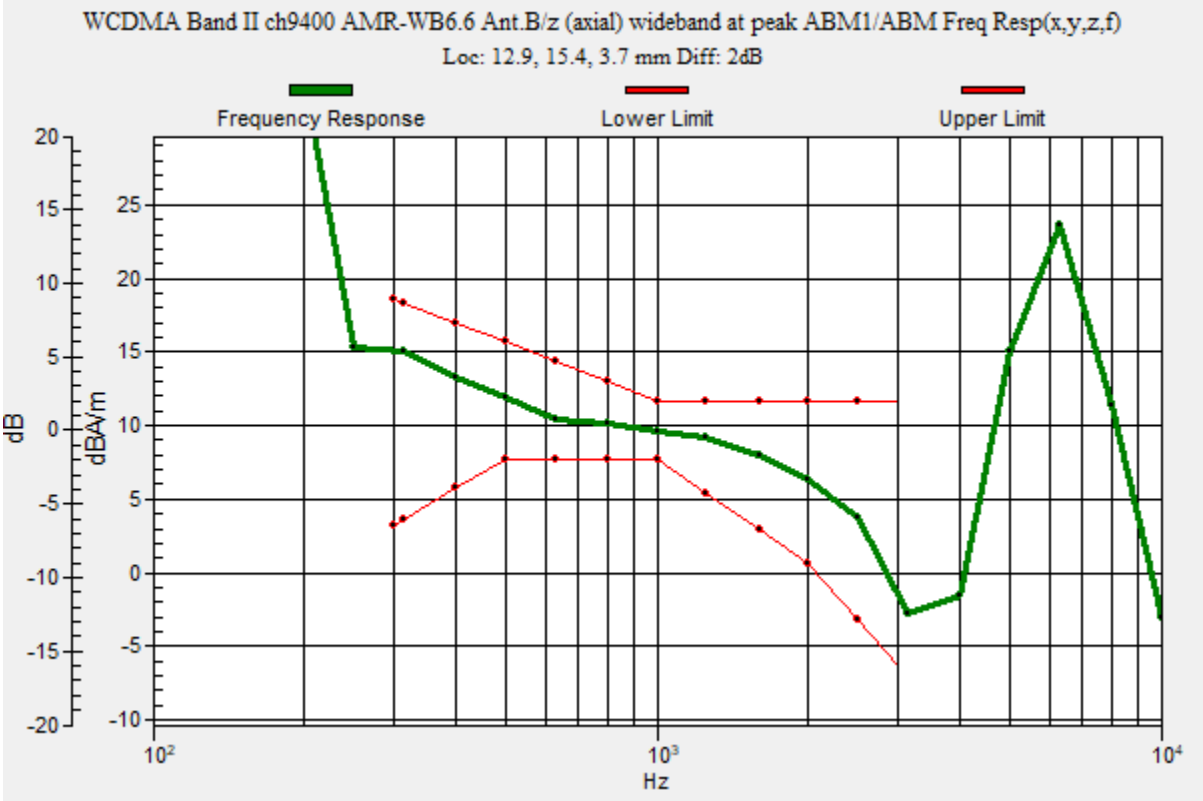
Communication System: UID 0, UMTS-FDD (WCDMA) (0); Frequency: 1880 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band II ch9400 AMR-WB6.6 Ant.B/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: 47.2
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.9, 15.4, 3.7 mm



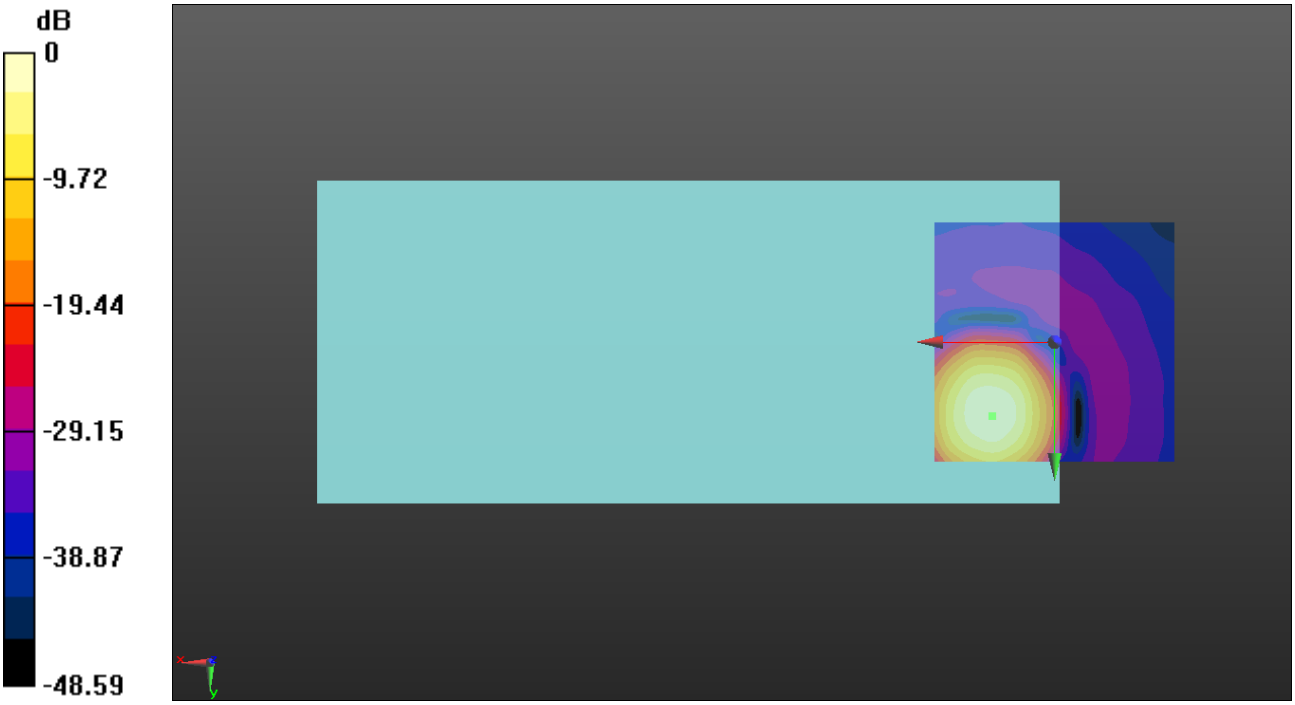
WCDMA

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6 Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 58.82 dB
ABM1 = 7.44 dBA/m
ABM2 = -51.38 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 15.4, 3.7 mm



0 dB = 2.354 A/m = 7.44 dBA/m

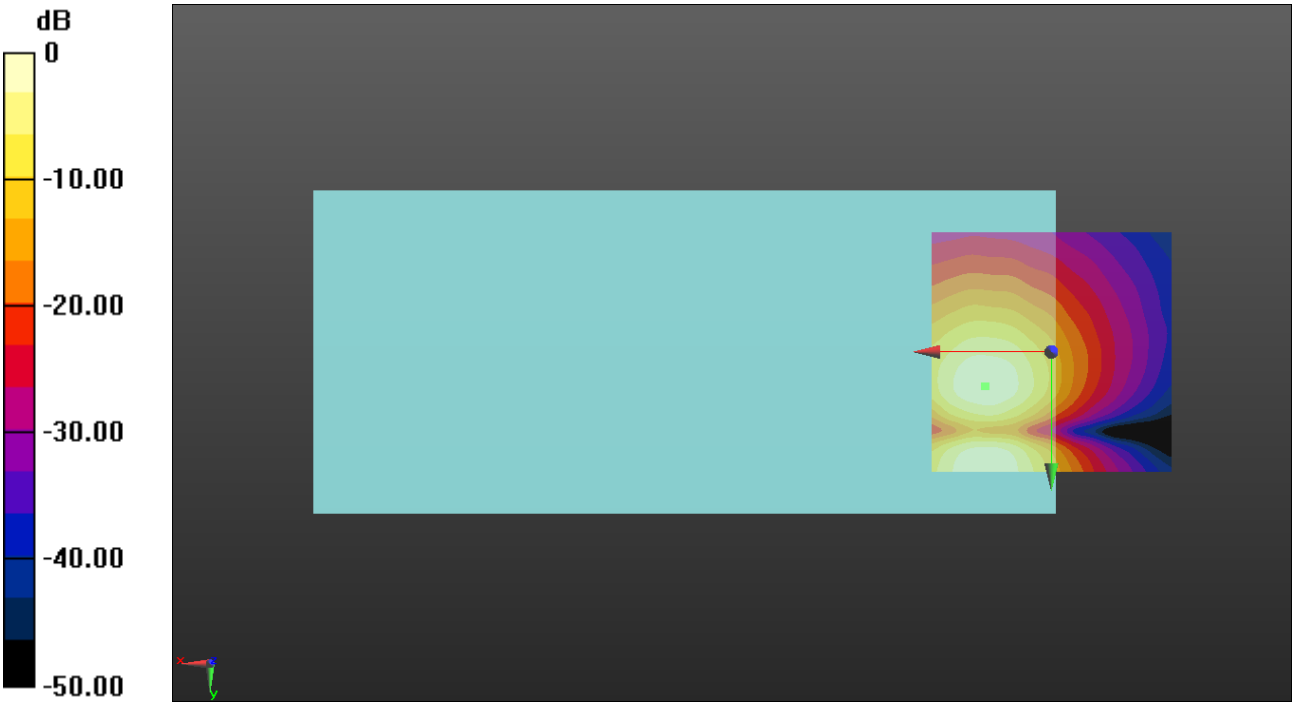
WCDMA

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6 Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 41.95 dB
ABM1 = -1.12 dBA/m
ABM2 = -43.07 dBA/m
BWC Factor = 0.16 dB
Location: 13.8, 7.1, 3.7 mm



0 dB = 0.9081 A/m = −0.84 dBA/m

WCDMA

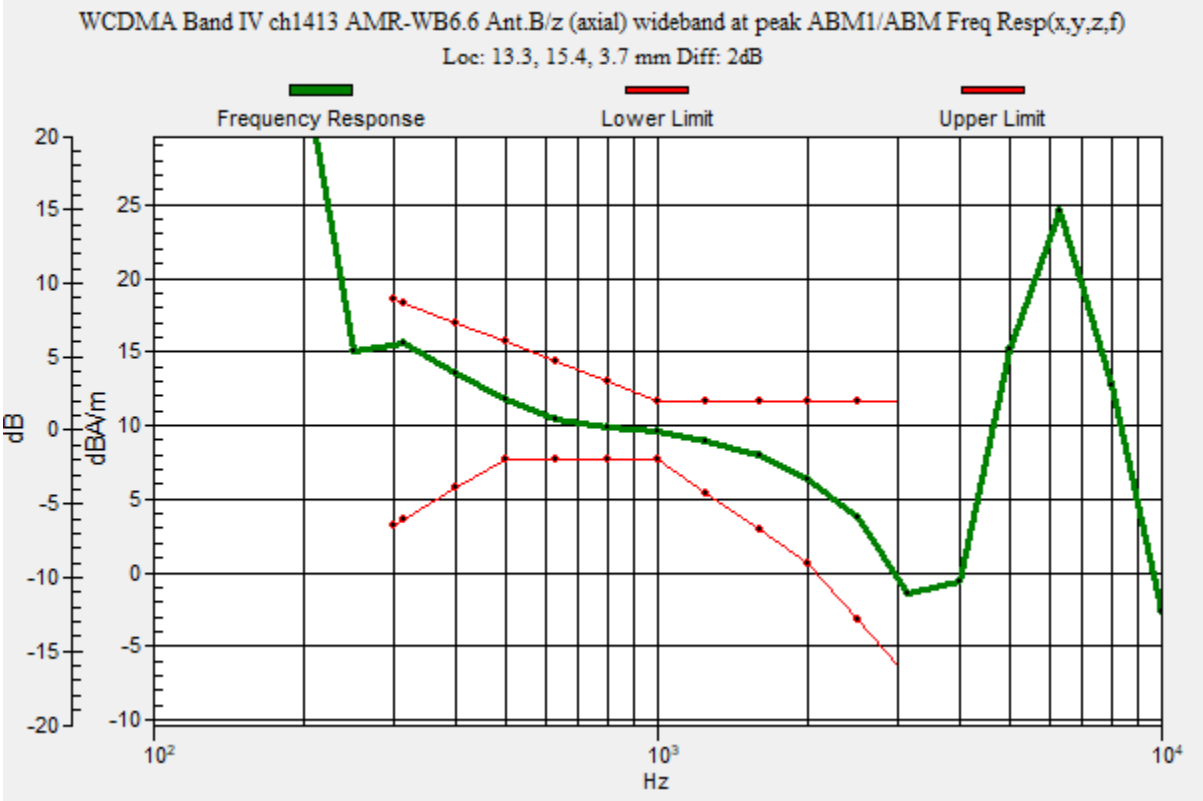
Communication System: UID 0, UMTS-FDD (WCDMA) (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band IV ch1413 AMR-WB6.6 Ant.B/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: 47.2
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 2.00 dB
BWC Factor = 10.80 dB
Location: 13.3, 15.4, 3.7 mm



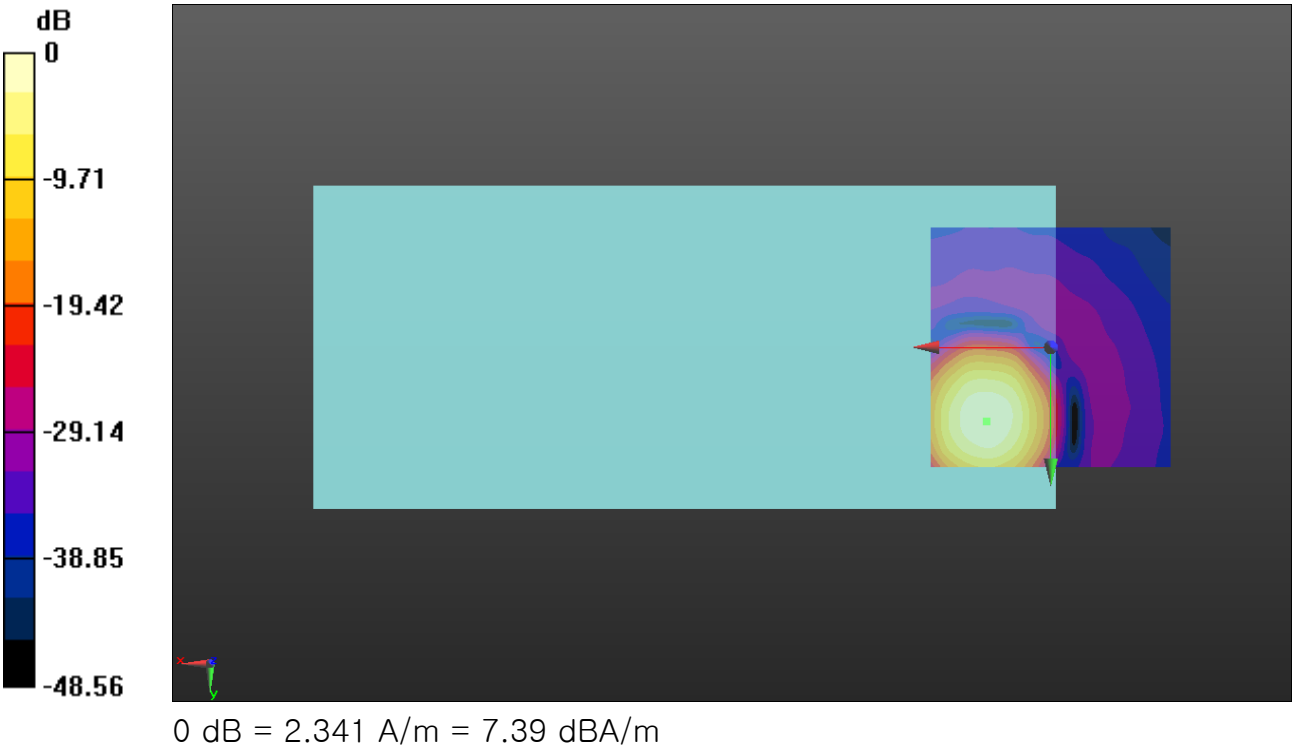
WCDMA

Communication System: UID 0, UMTS-FDD (WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band IV ch1413 AMR-WB6.6 Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 56.91 dB
ABM1 = 7.39 dBA/m
ABM2 = -49.52 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 15.4, 3.7 mm



0 dB = 2.341 A/m = 7.39 dBA/m

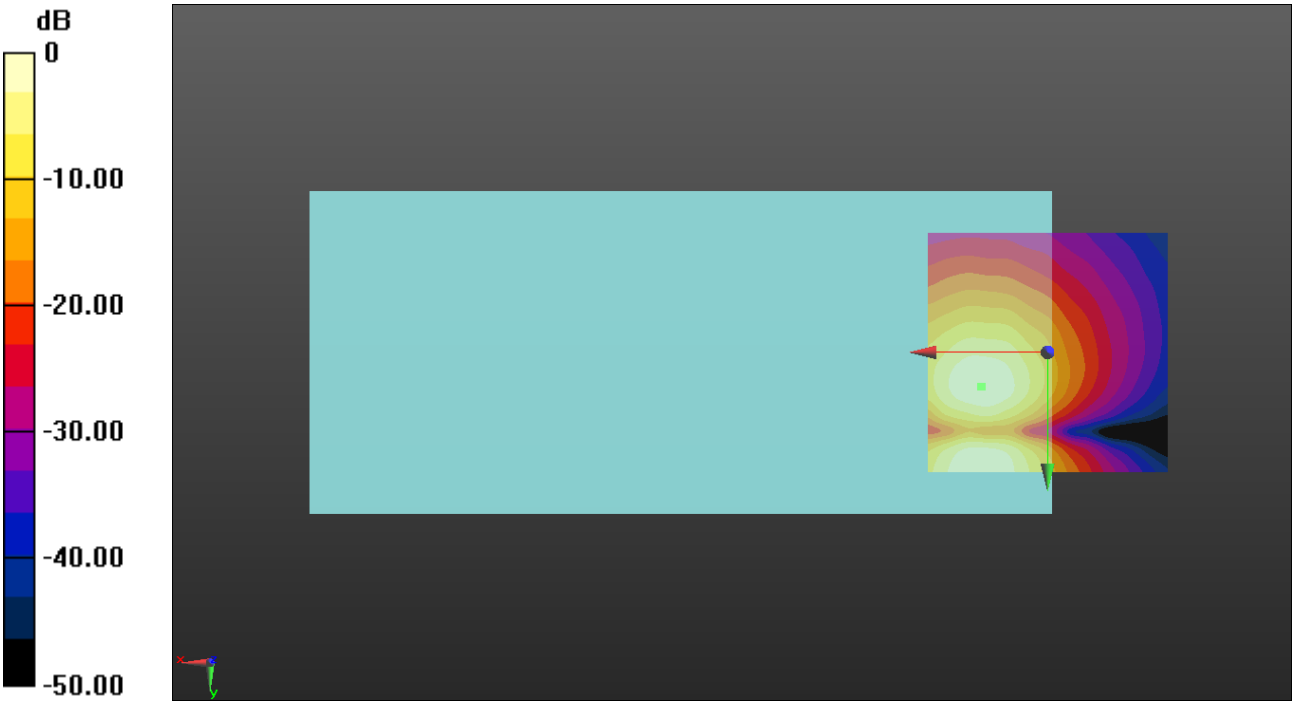
WCDMA

Communication System: UID 0, UMTS-FDD (WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band IV ch1413 AMR-WB6.6 Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 41.87 dB
ABM1 = -1.01 dBA/m
ABM2 = -42.88 dBA/m
BWC Factor = 0.16 dB
Location: 13.8, 7.1, 3.7 mm



0 dB = 0.9189 A/m = −0.73 dBA/m

WCDMA

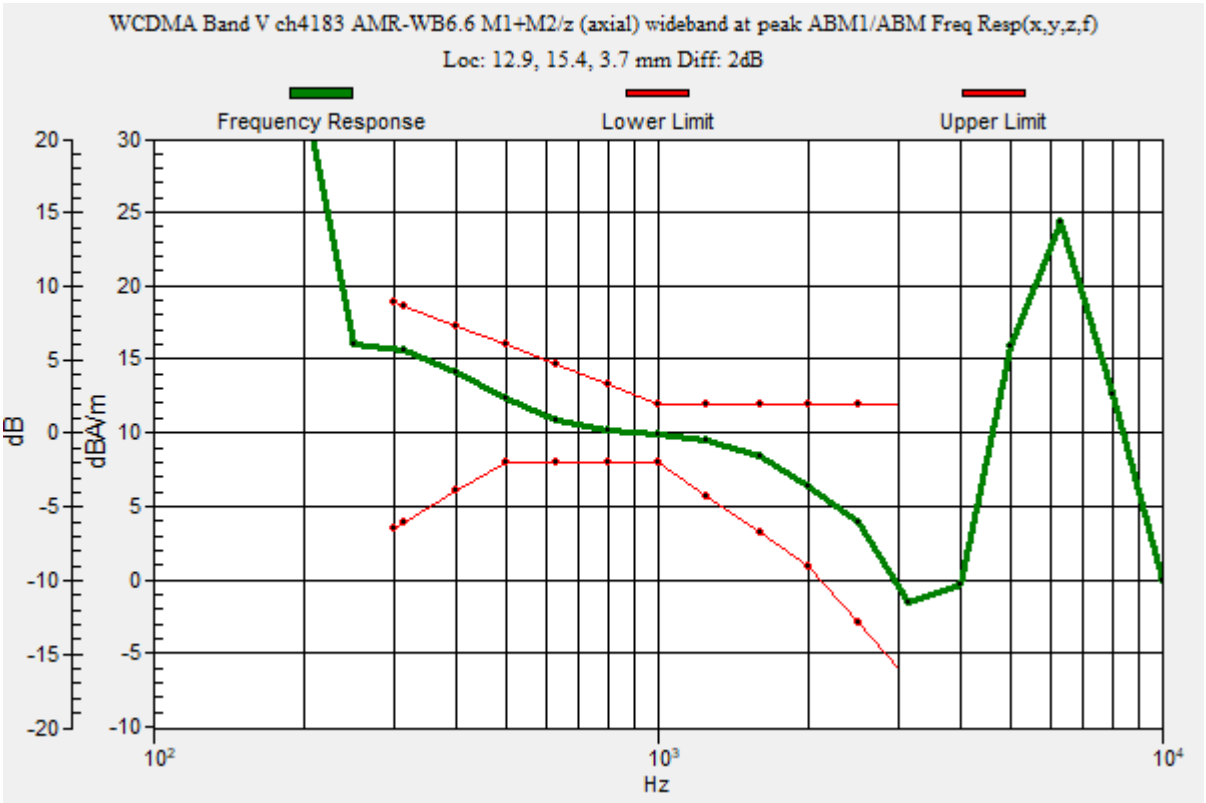
Communication System: UID 0, UMTS-FDD (WCDMA) (0); Frequency: 836.6 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band V ch4183 AMR-WB6.6 Ant.A+Ant.B/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: 47.2
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 2.00 dB
BWC Factor = 10.80 Db
BWC Factor = 0.16 dB
Location: 12.9, 15.4, 3.7 mm



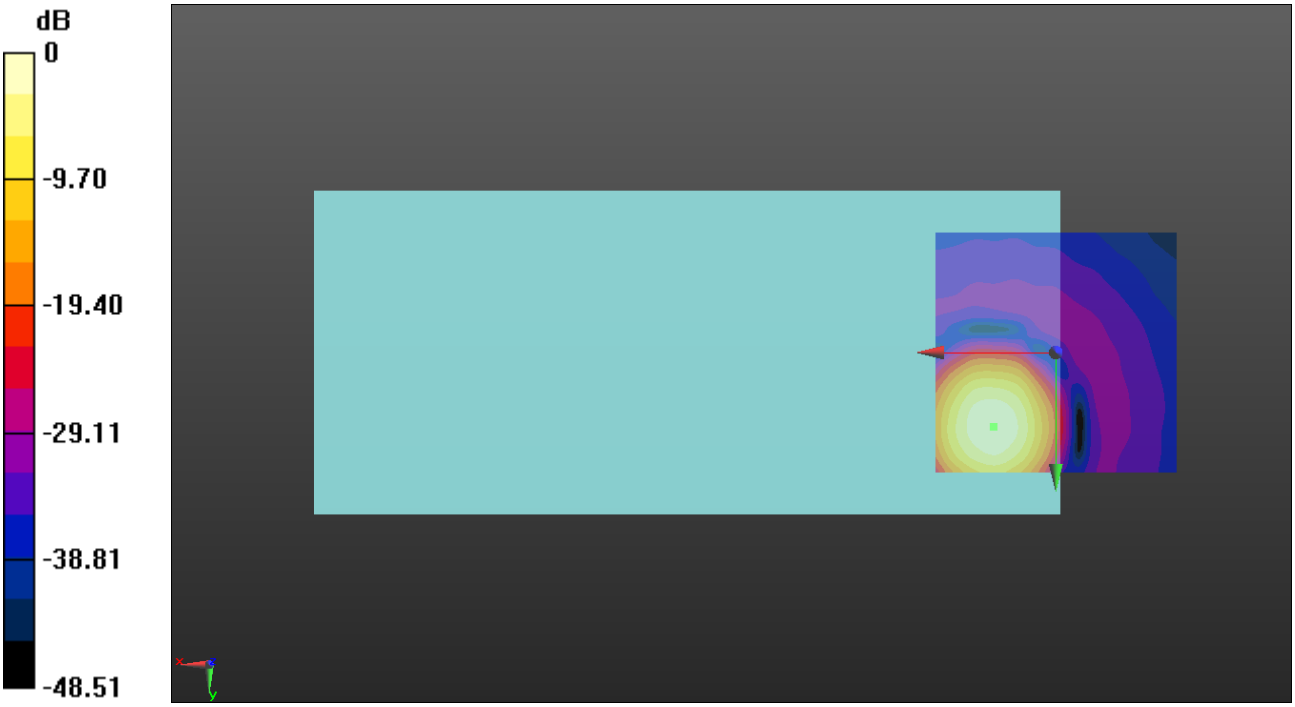
WCDMA

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6 Ant.A+Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 58.13 dB
ABM1 = 7.70 dBA/m
ABM2 = -50.43 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 15.4, 3.7 mm



0 dB = 2.427 A/m = 7.70 dBA/m

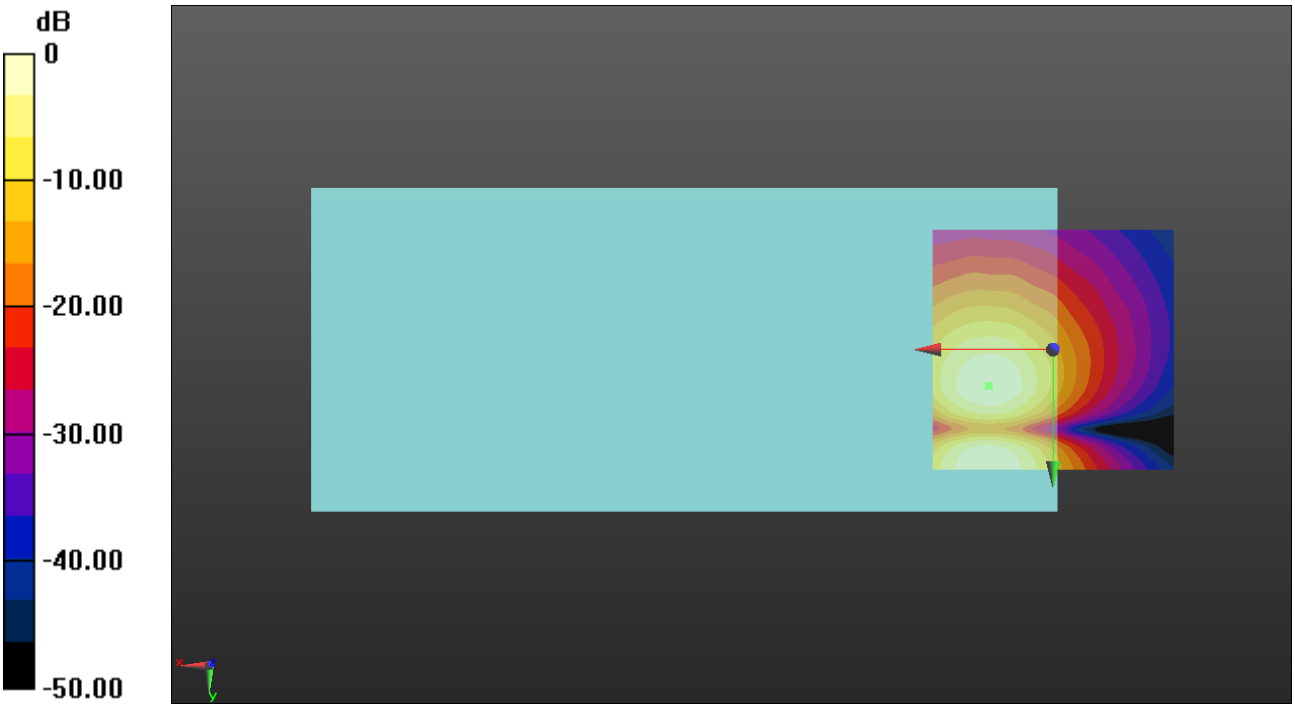
WCDMA

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6 Ant.A+Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 41.98 dB
ABM1 = -0.73 dBA/m
ABM2 = -42.71 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 7.5, 3.7 mm



0 dB = 0.9347 A/m = −0.59 dBA/m

VoLTE_FDD

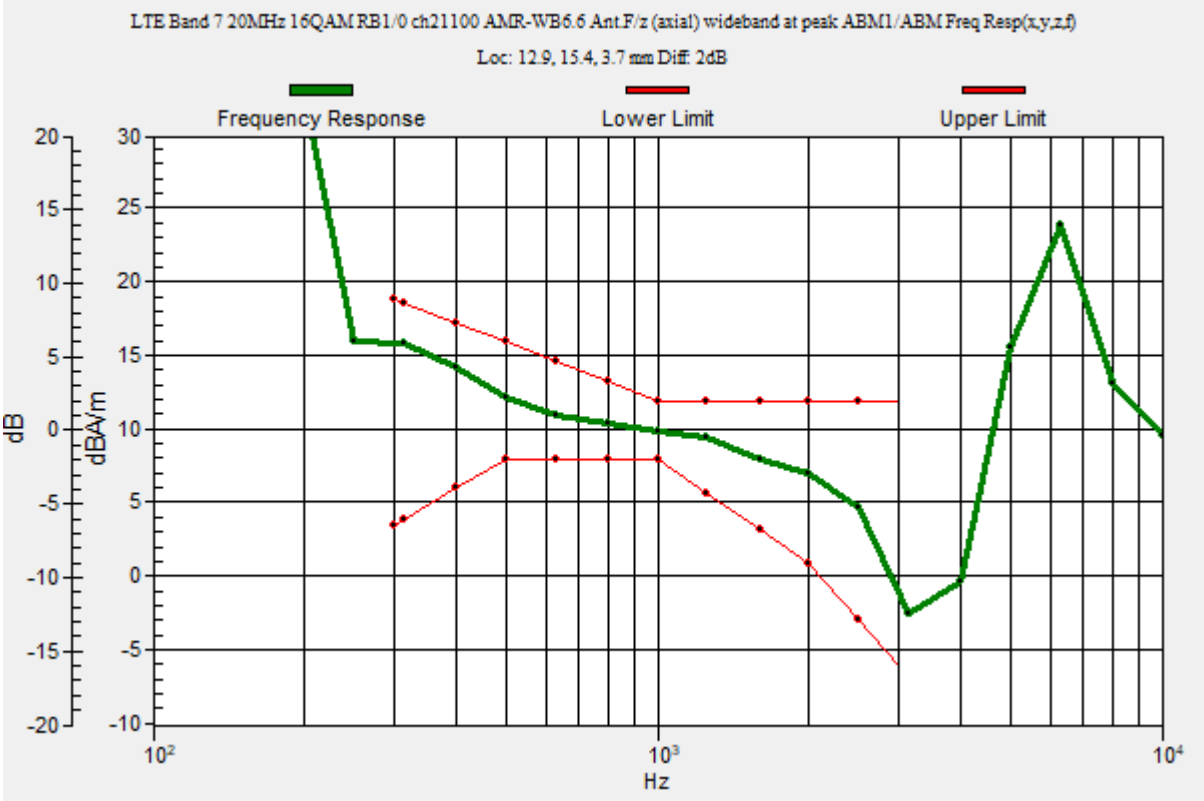
Communication System: UID 0, LTE (FDD) (0); Frequency: 2535 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 7 20MHz 16QAM RB1/0 ch21100 AMR-WB6.6 Ant.F/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: 47.2
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.9, 15.4, 3.7 mm



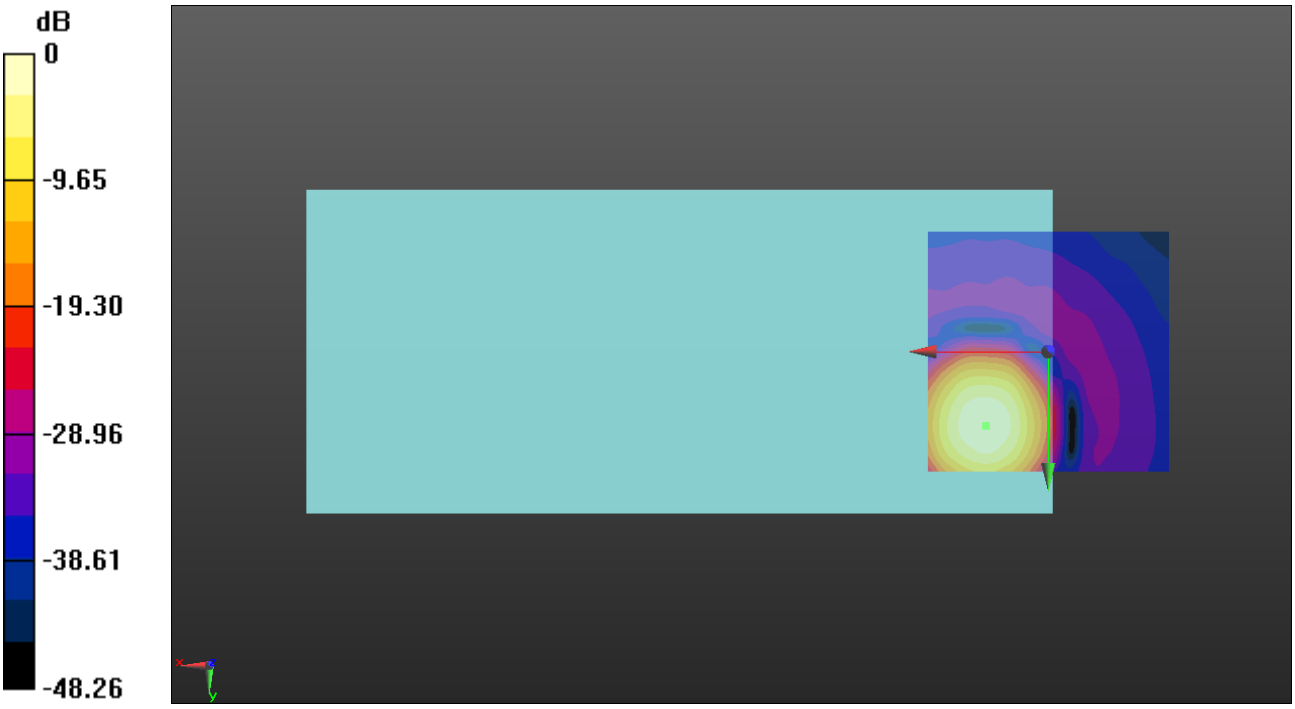
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6 Ant.F/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor: S
ABM1/ABM2 = 48.50 dB
ABM1 = 7.81 dBA/m
ABM2 = -40.69 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 15.4, 3.7 mm



0 dB = 2.458 A/m = 7.81 dBA/m

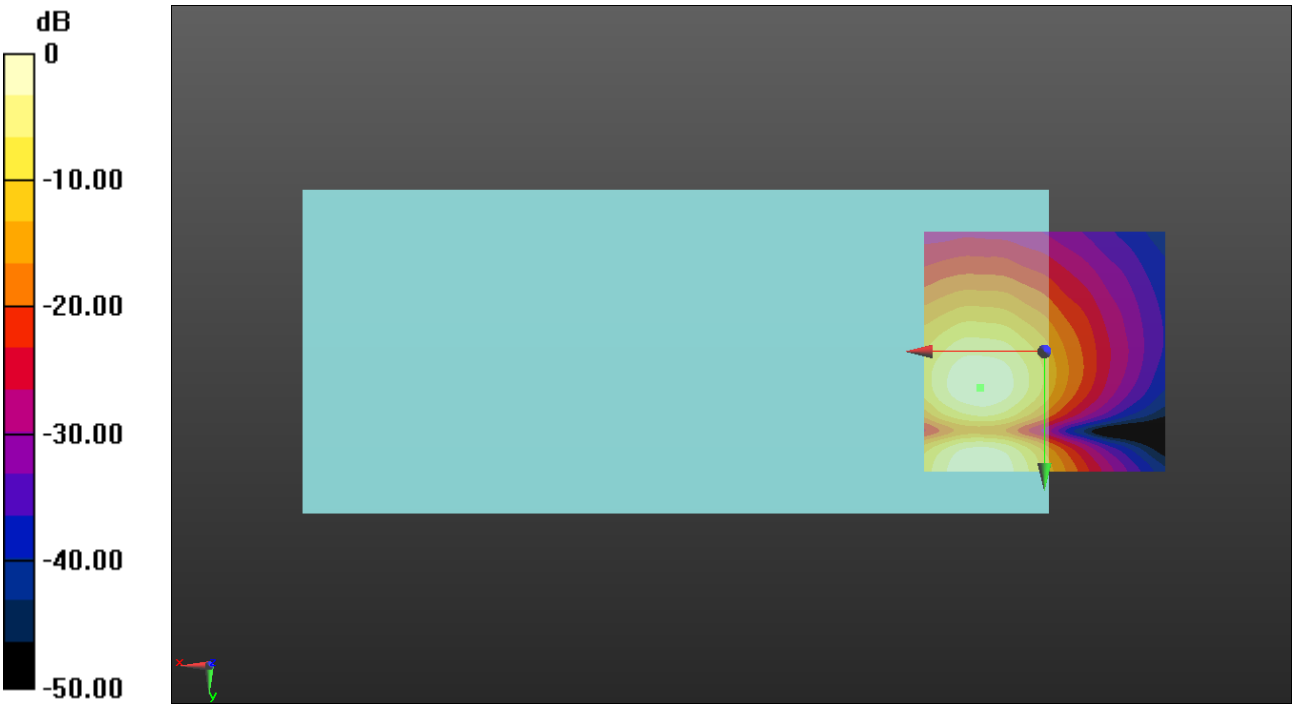
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6 Ant.F/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 37.11 dB
ABM1 = -0.81 dBA/m
ABM2 = -37.92 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 7.5, 3.7 mm



0 dB = 0.9351 A/m = −0.58 dBA/m

VoLTE_FDD

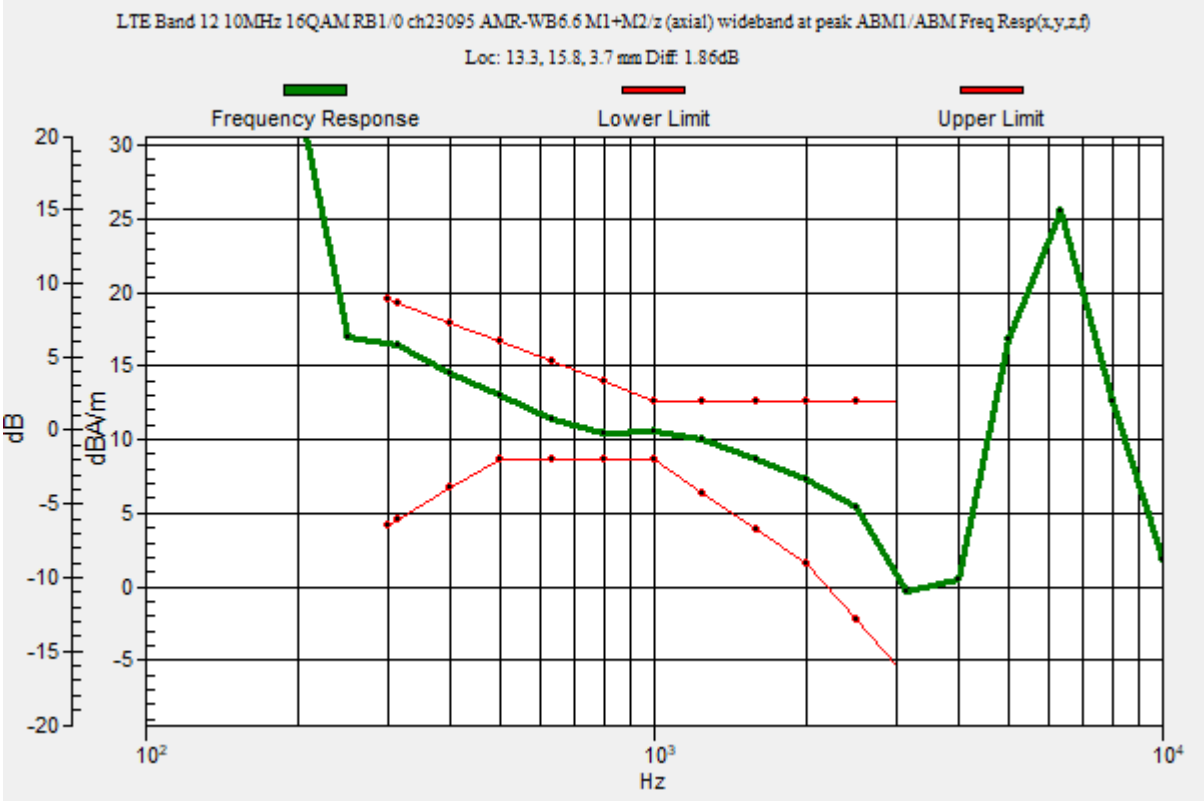
Communication System: UID 0, LTE (FDD) (0); Frequency: 707.5 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 12 10MHz 16QAM RB1/0 ch23095 AMR-WB6.6 Ant.A+Ant.B/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: 47.2
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 1.86 dB
BWC Factor = 10.80 dB
Location: 13.3, 15.8, 3.7 mm



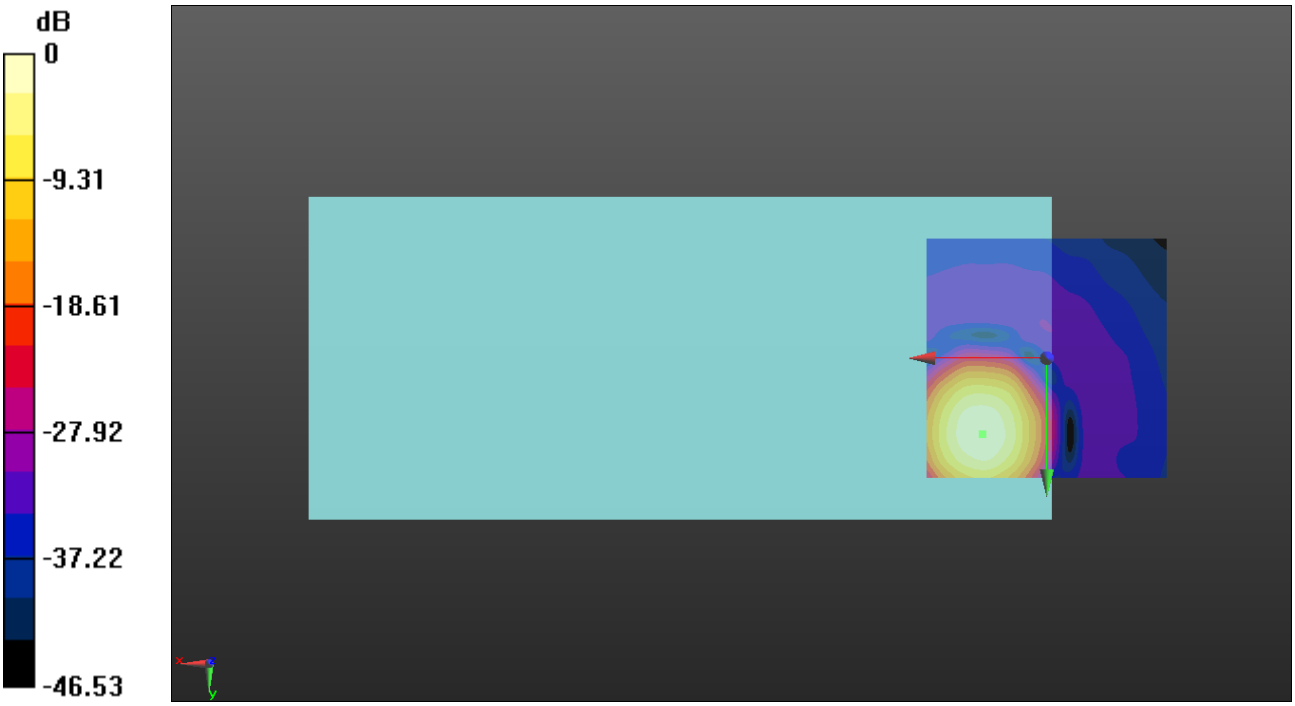
VoLTE_FDD

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6 Ant.A+Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 52.80 dB
ABM1 = 8.33 dBA/m
ABM2 = -44.47 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 15.8, 3.7 mm



0 dB = 2.609 A/m = 8.33 dBA/m

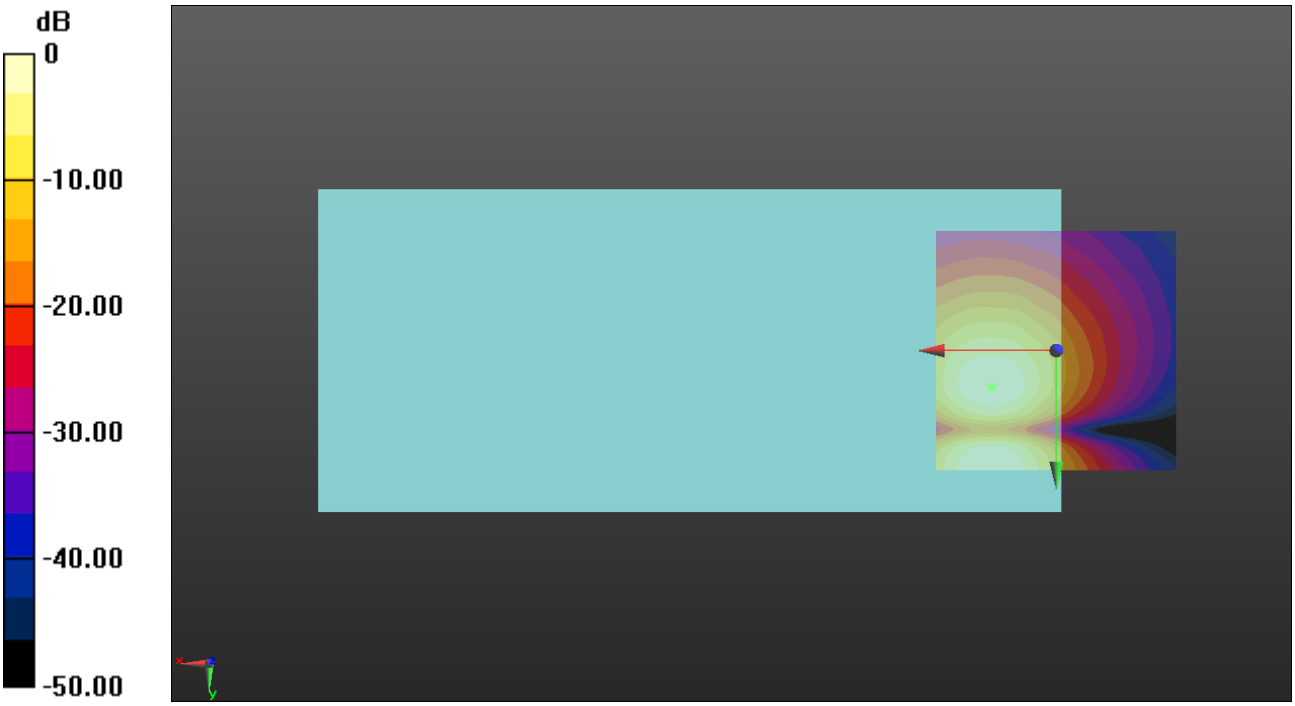
VoLTE_FDD

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6 Ant.A+Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 41.88 dB
ABM1 = -0.41 dBA/m
ABM2 = -42.29 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 7.5, 3.7 mm



0 dB = 0.9791 A/m = −0.18 dBA/m

VoLTE_FDD

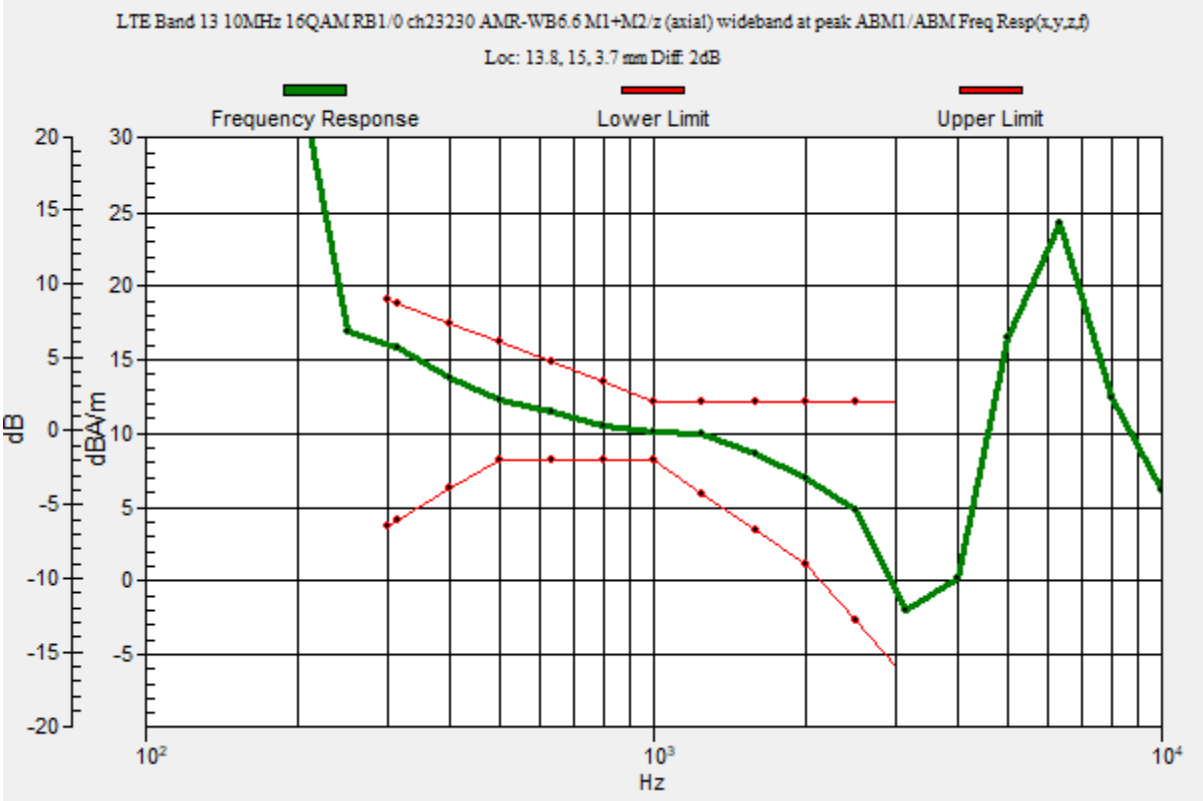
Communication System: UID 0, LTE (FDD) (0); Frequency: 782 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 13 10MHz 16QAM RB1/0 ch23230 AMR-WB6.6 Ant.A+Ant.B/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: 47.2
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 2.00 dB
BWC Factor = 10.80 dB
Location: 13.8, 15, 3.7 mm



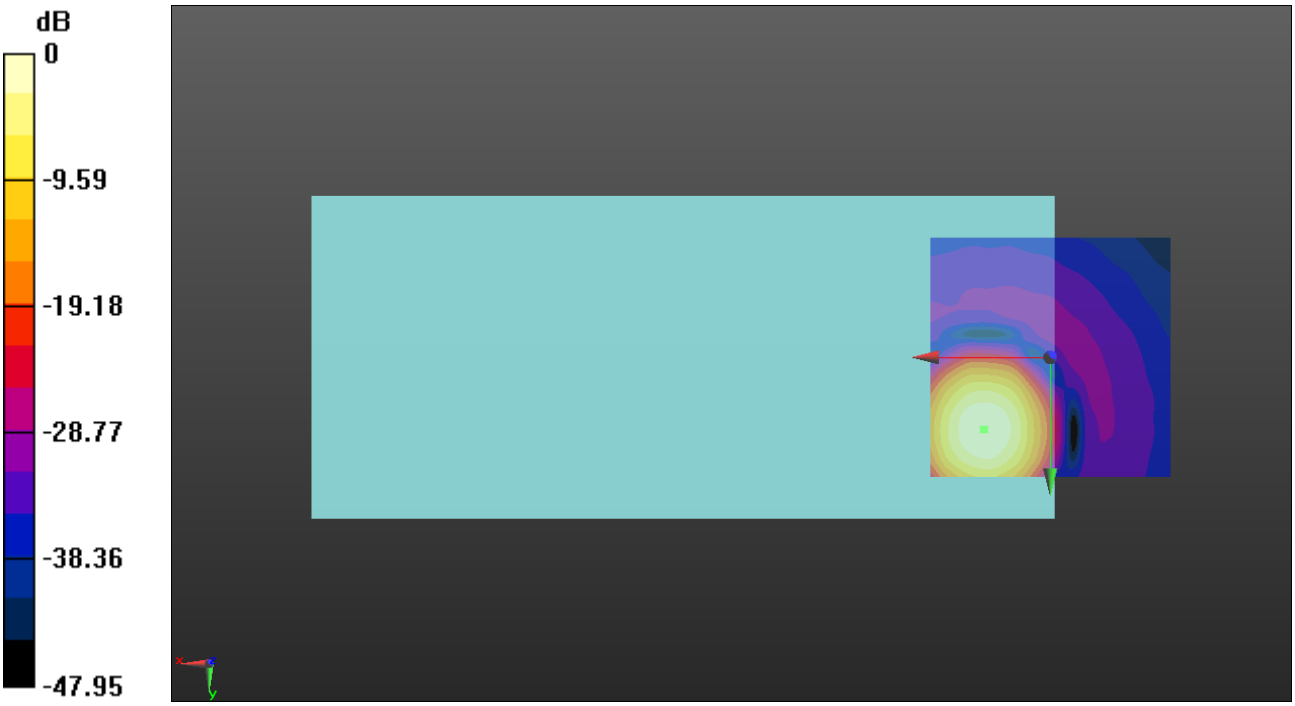
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 782 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6 Ant.A+Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 53.45 dB
ABM1 = 7.79 dBA/m
ABM2 = -45.66 dBA/m
BWC Factor = 0.16 dB
Location: 13.8, 15, 3.7 mm



0 dB = 2.451 A/m = 7.79 dBA/m

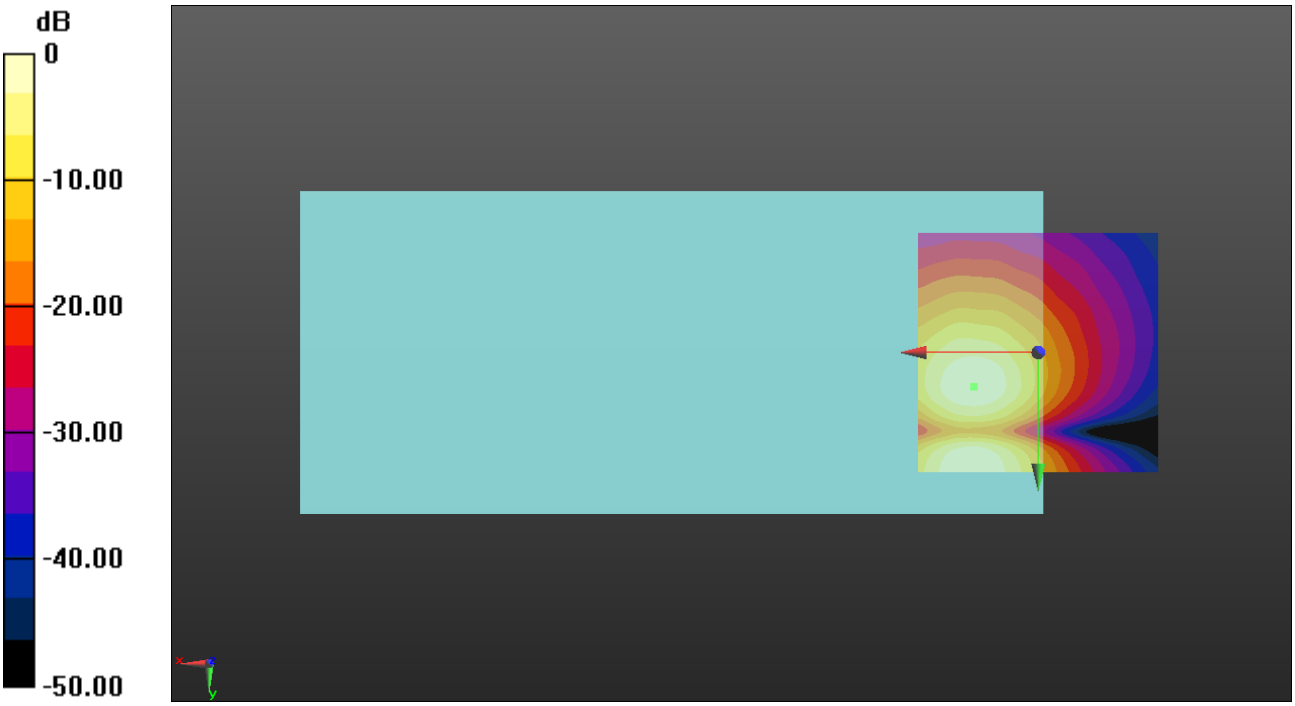
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 782 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6 Ant.A+Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 41.87 dB
ABM1 = -0.53 dBA/m
ABM2 = -42.40 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 7.1, 3.7 mm



0 dB = 0.9676 A/m = −0.29 dBA/m

VoLTE_FDD

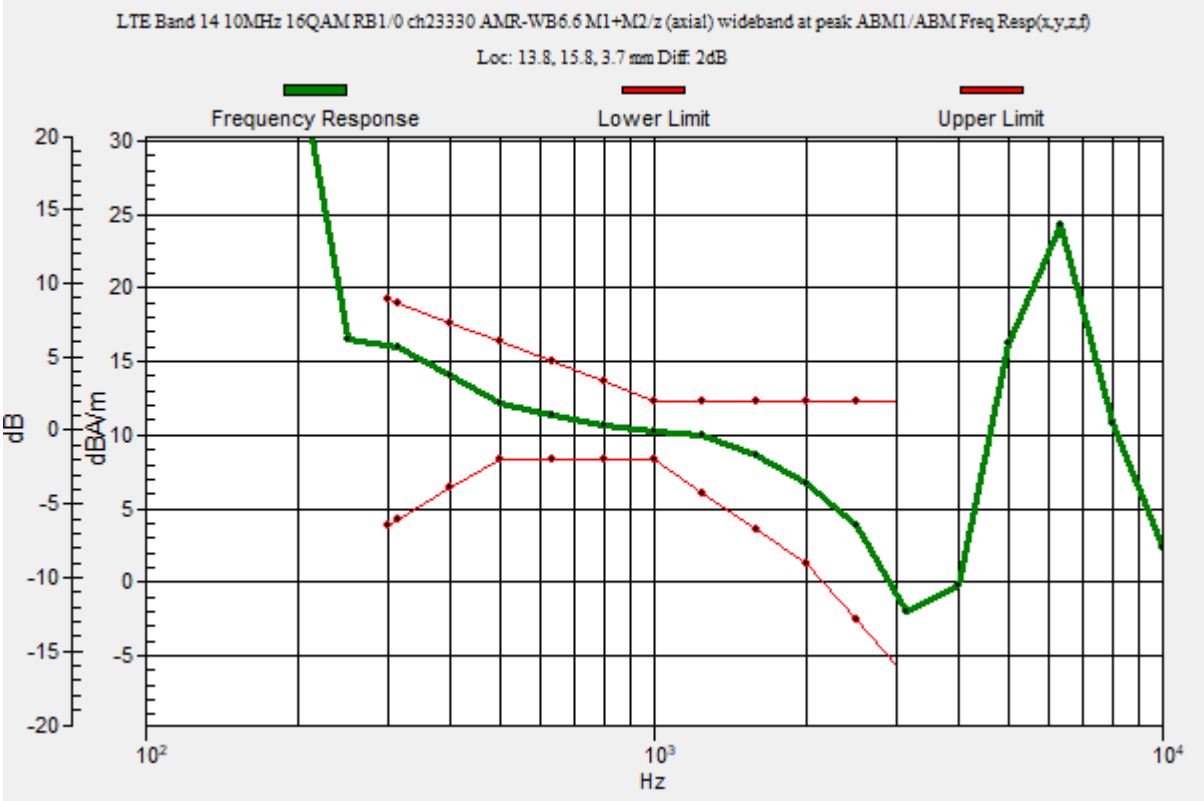
Communication System: UID 0, LTE (FDD) (0); Frequency: 793 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 14 10MHz 16QAM RB1/0 ch23330 AMR-WB6.6 Ant.A+Ant.B/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: 47.2
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 2.00 dB
BWC Factor = 10.80 dB
Location: 13.8, 15.8, 3.7 mm



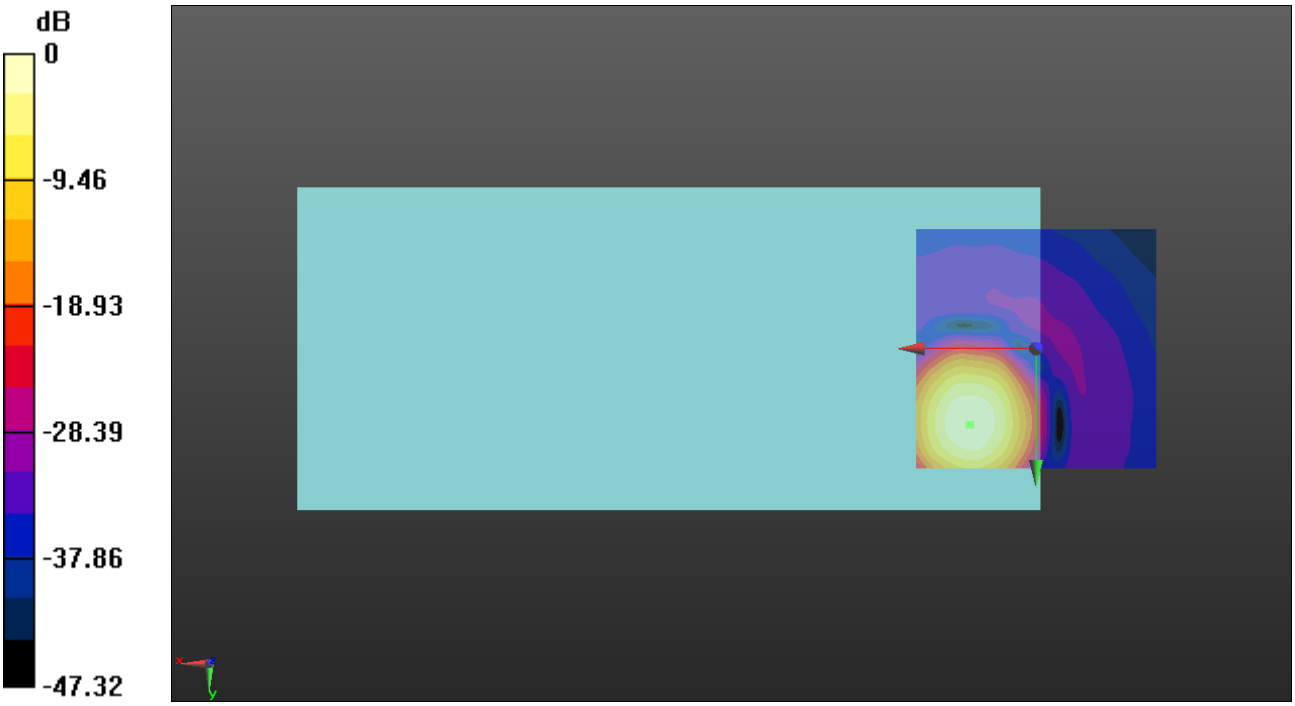
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 793 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 14 10MHz 16QAM RB1/0 ch23330 AMR-WB6.6 Ant.A+Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 56.06 dB
ABM1 = 8.07 dBA/m
ABM2 = -47.99 dBA/m
BWC Factor = 0.16 dB
Location: 13.8, 15.8, 3.7 mm



0 dB = 2.534 A/m = 8.08 dBA/m

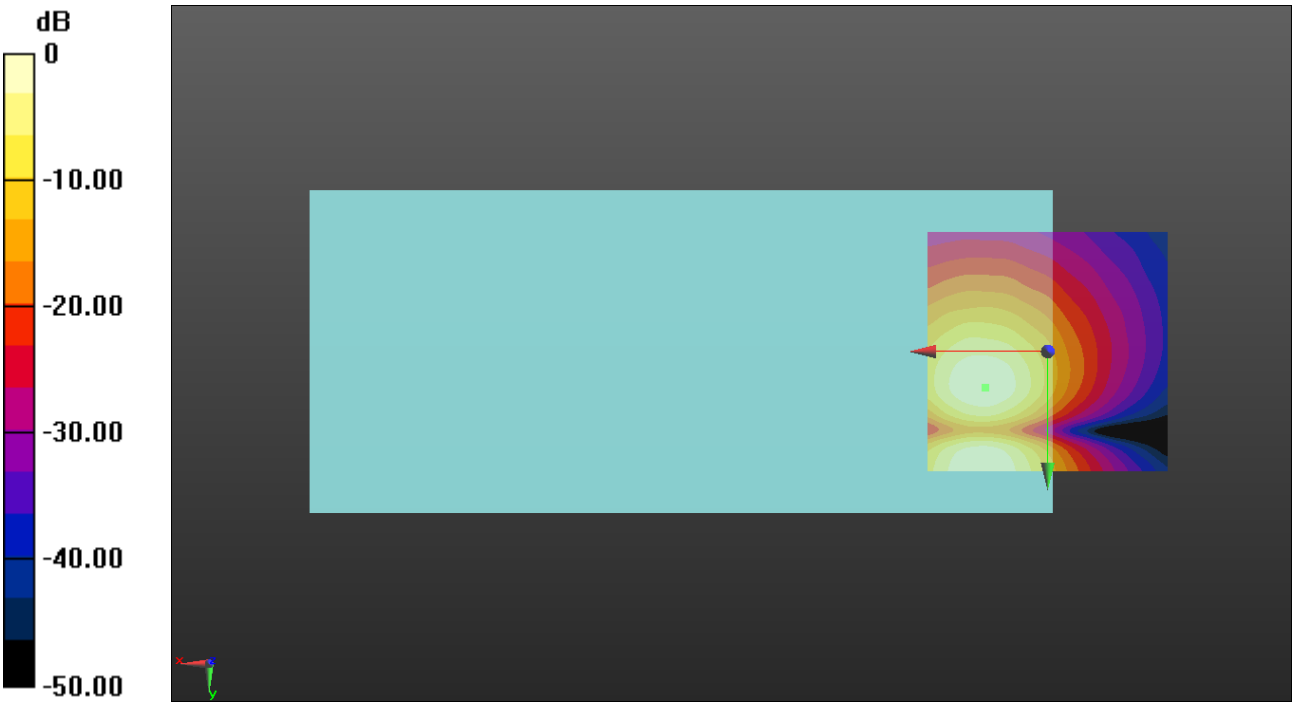
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 793 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 14 10MHz 16QAM RB1/0 ch23330 AMR-WB6.6 Ant.A+Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 42.02 dB
ABM1 = -0.32 dBA/m
ABM2 = -42.34 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.5, 3.7 mm



0 dB = 0.9641 A/m = −0.32 dBA/m

VoLTE_FDD

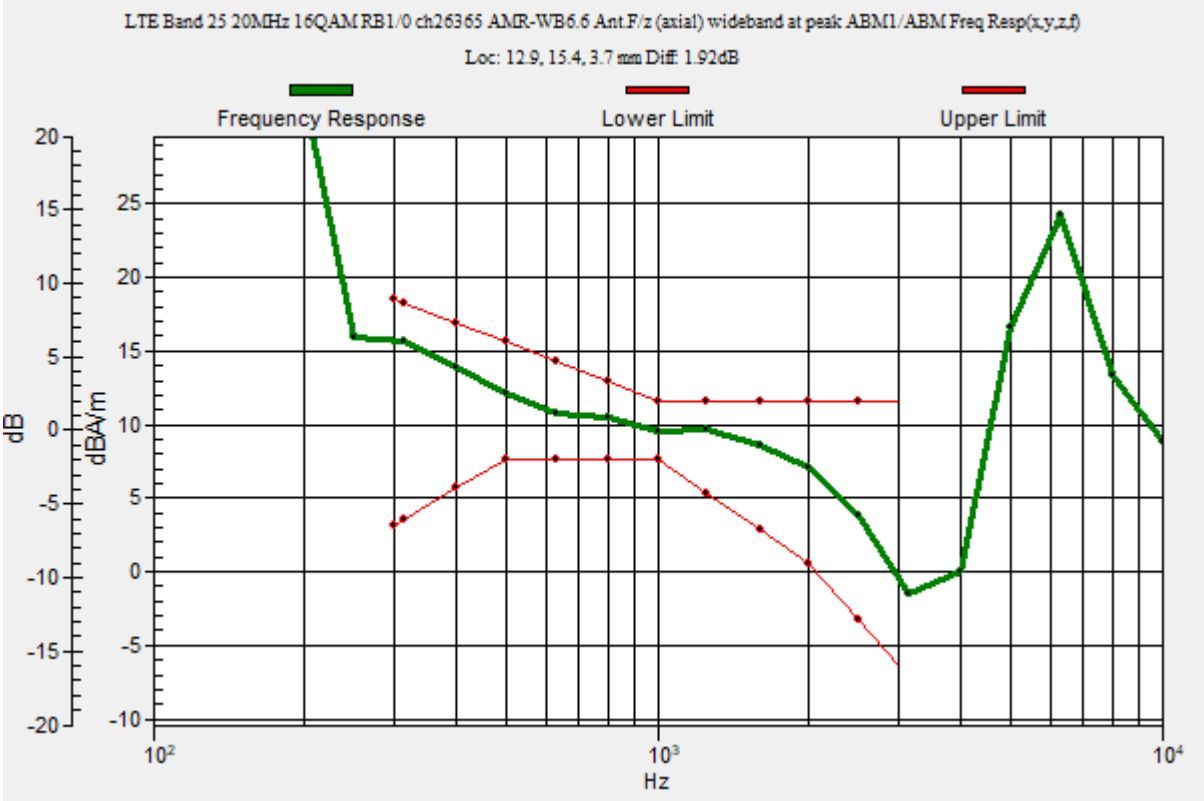
Communication System: UID 0, LTE (FDD) (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 25 20MHz 16QAM RB1/0 ch26365 AMR-WB6.6 Ant.F/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: 47.2
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 1.92 dB
BWC Factor = 10.80 dB
Location: 12.9, 15.4, 3.7 mm



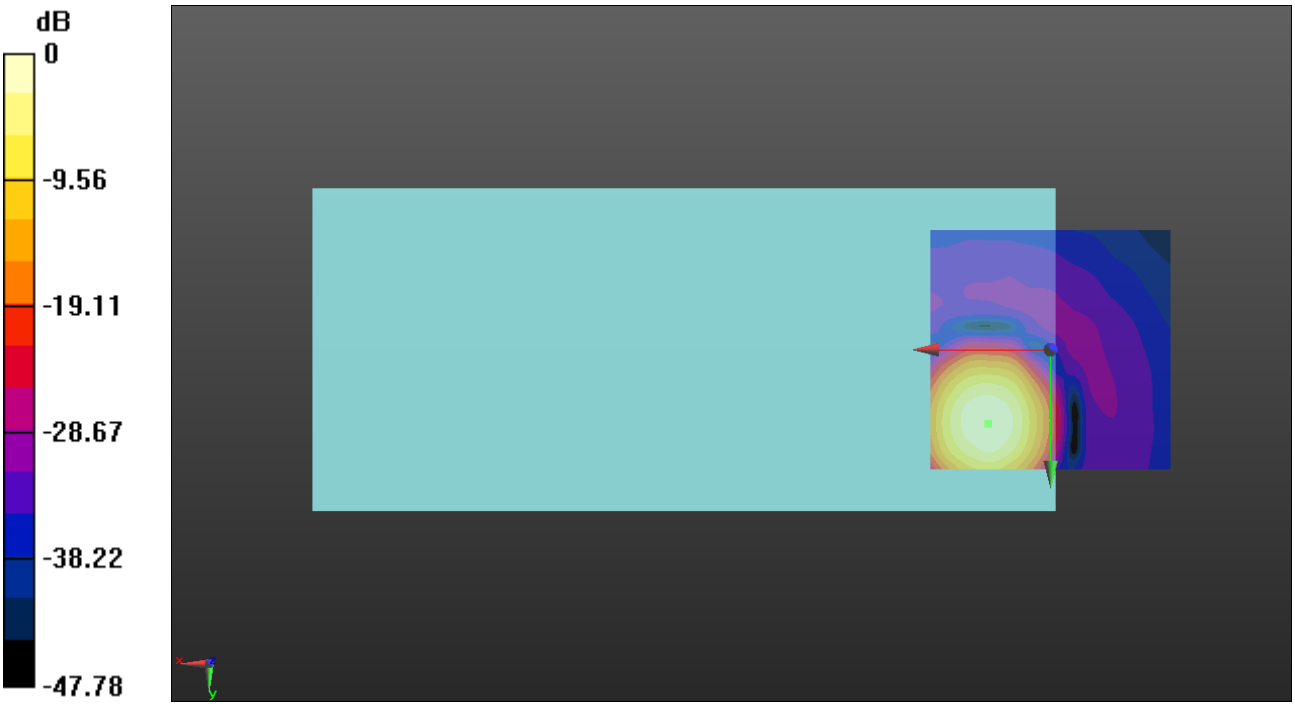
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 25 20MHz 16QAM RB1/0 ch26365 AMR-WB6.6 Ant.F/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 48.40 dB
ABM1 = 7.63 dBA/m
ABM2 = -40.77 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 15.4, 3.7 mm



0 dB = 2.408 A/m = 7.63 dBA/m

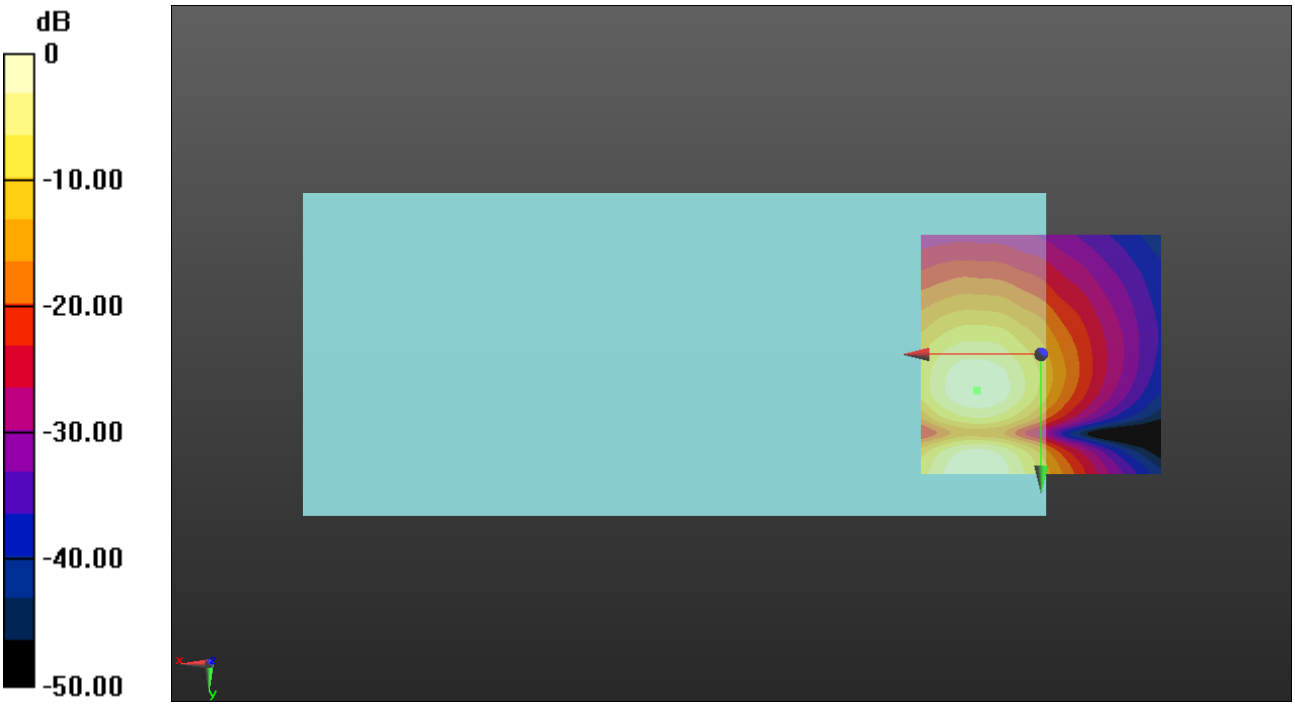
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 25 20MHz 16QAM RB1/0 ch26365 AMR-WB6.6 Ant.F/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 37.56 dB
ABM1 = -0.72 dBA/m
ABM2 = -38.28 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 7.5, 3.7 mm



0 dB = 0.9510 A/m = −0.44 dBA/m

VoLTE_FDD

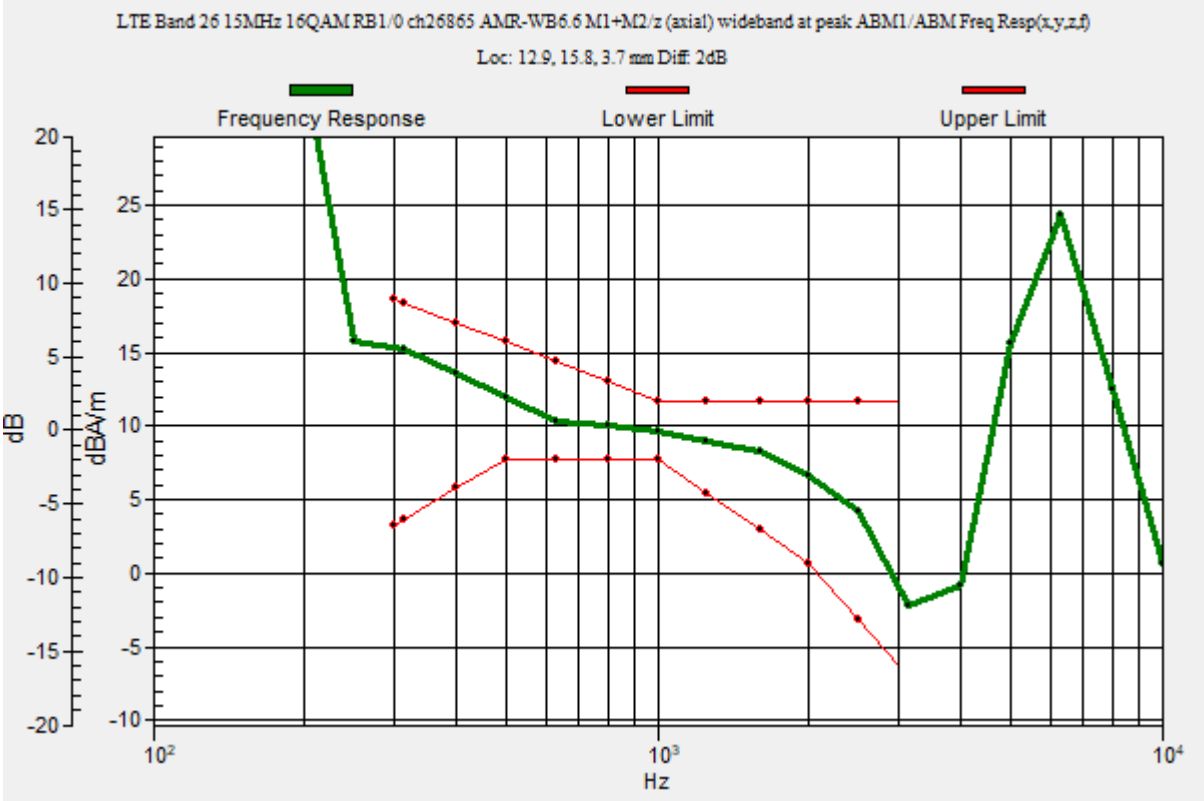
Communication System: UID 0, LTE (FDD) (0); Frequency: 831.5 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 26 15MHz 16QAM RB1/0 ch26865 AMR-WB6.6 Ant.A+Ant.B/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: 47.2
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.9, 15.8, 3.7 mm



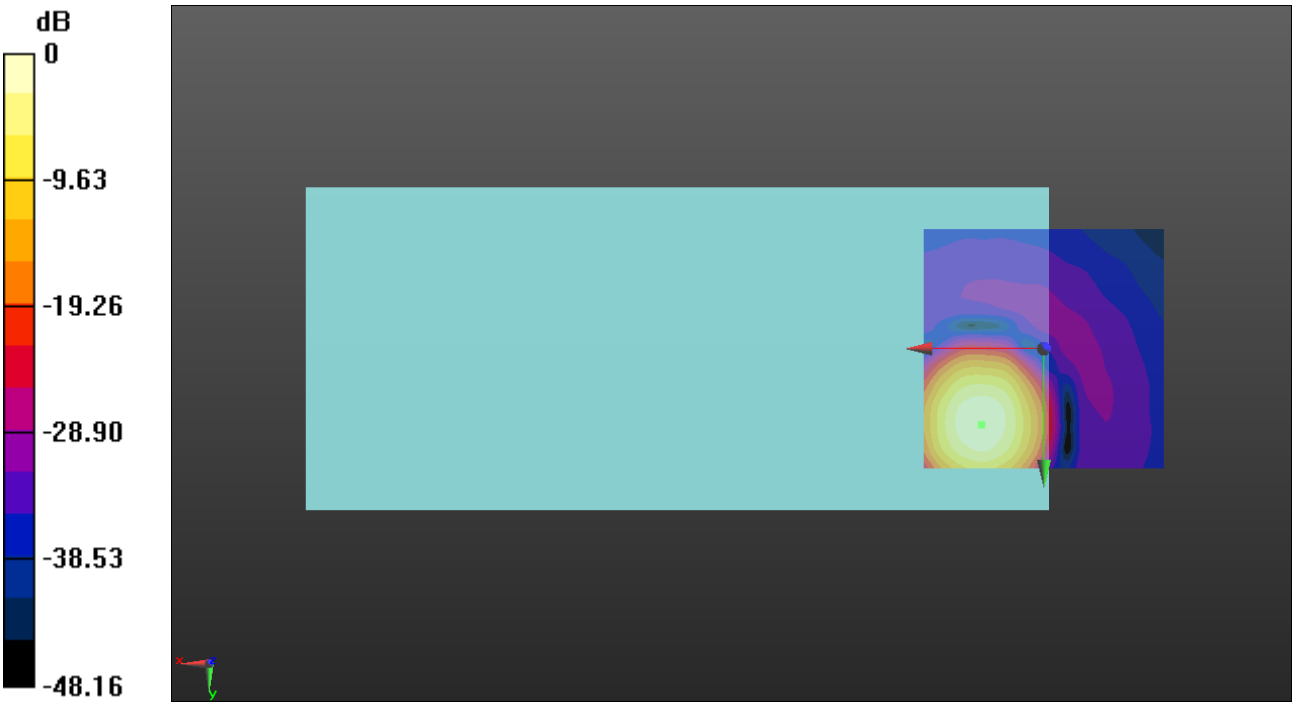
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 26 15MHz 16QAM RB1/0 ch26865 AMR-WB6.6 Ant.A+Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 54.66 dB
ABM1 = 7.70 dBA/m
ABM2 = -46.96 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 15.8, 3.7 mm



0 dB = 2.425 A/m = 7.69 dBA/m

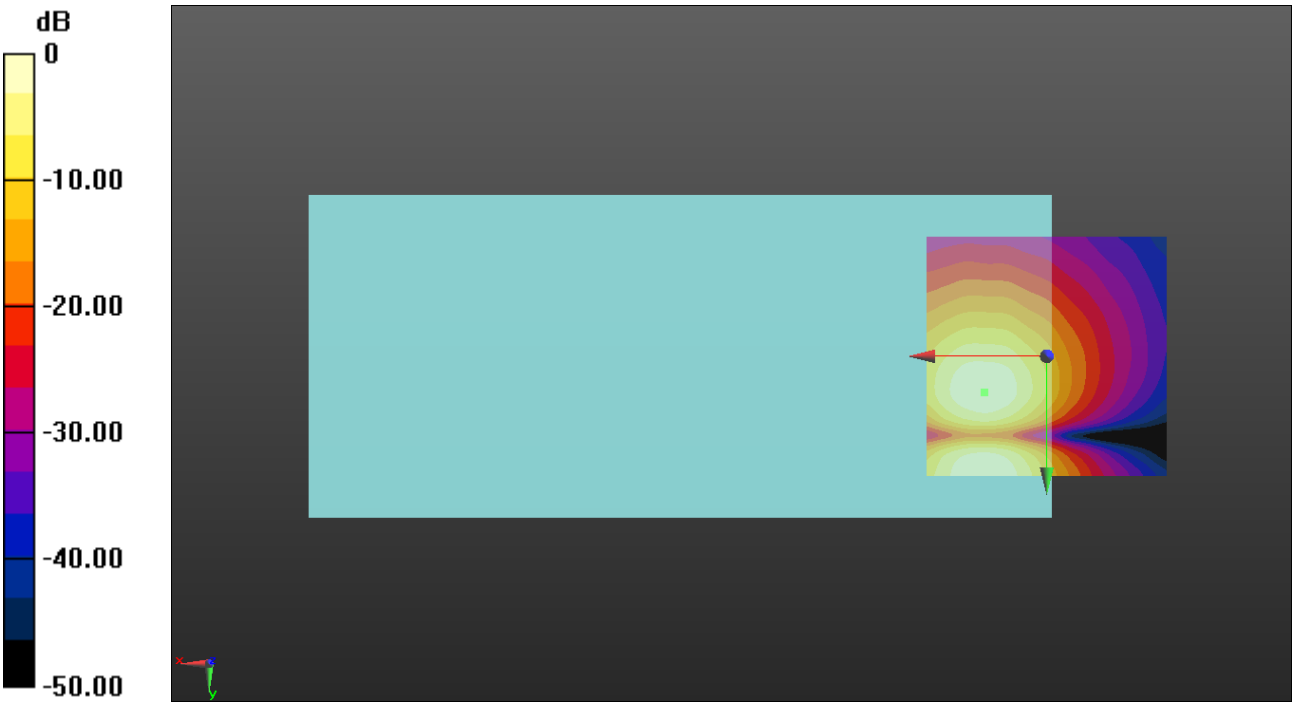
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 26 15MHz 16QAM RB1/0 ch26865 AMR-WB6.6 Ant.A+Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 41.82 dB
ABM1 = -0.91 dBA/m
ABM2 = -42.73 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.5, 3.7 mm



0 dB = 0.9164 A/m = −0.76 dBA/m

VoLTE_FDD

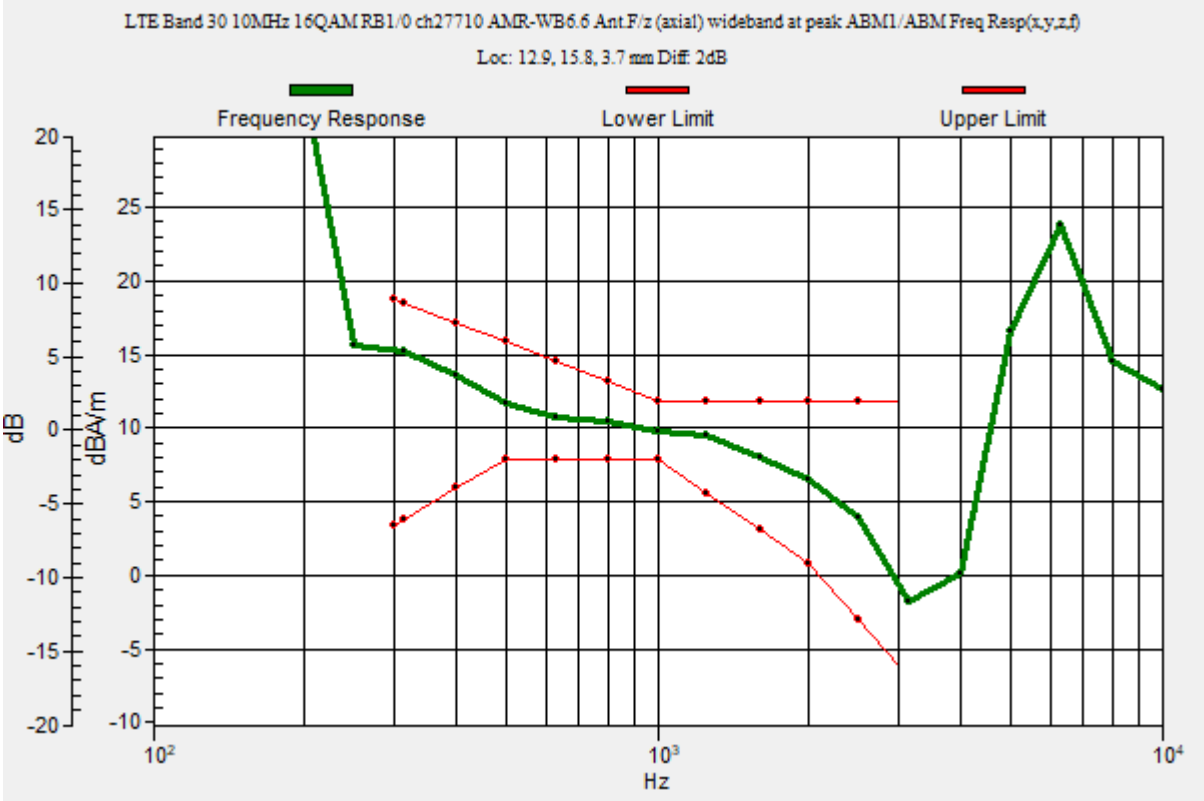
Communication System: UID 0, LTE (FDD) (0); Frequency: 2310 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 30 10MHz 16QAM RB1/0 ch27710 AMR-WB6.6 Ant.F/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: 47.2
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.9, 15.8, 3.7 mm



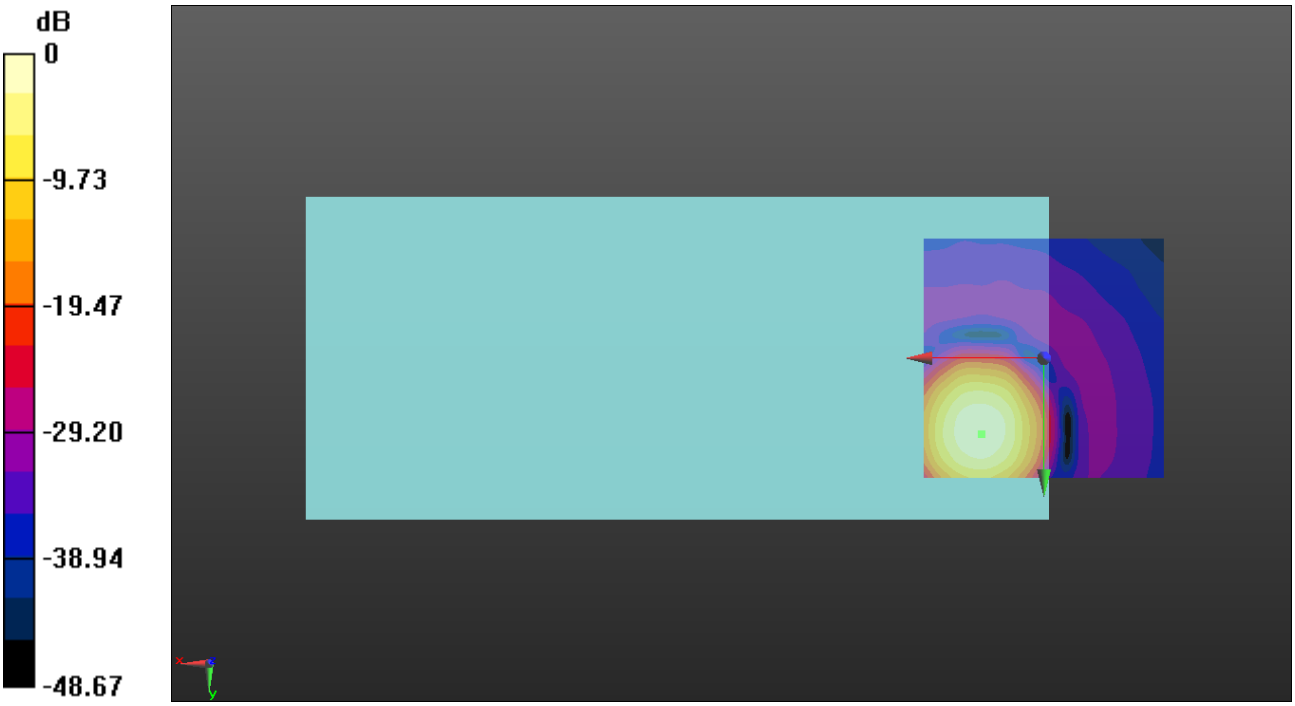
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 2310 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 30 10MHz 16QAM RB1/0 ch27710 AMR-WB6.6 Ant.F/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 47.09dB
ABM1 = 7.57 dBA/m
ABM2 = -39.52 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 15.8, 3.7 mm



0 dB = 2.389 A/m = 7.56 dBA/m

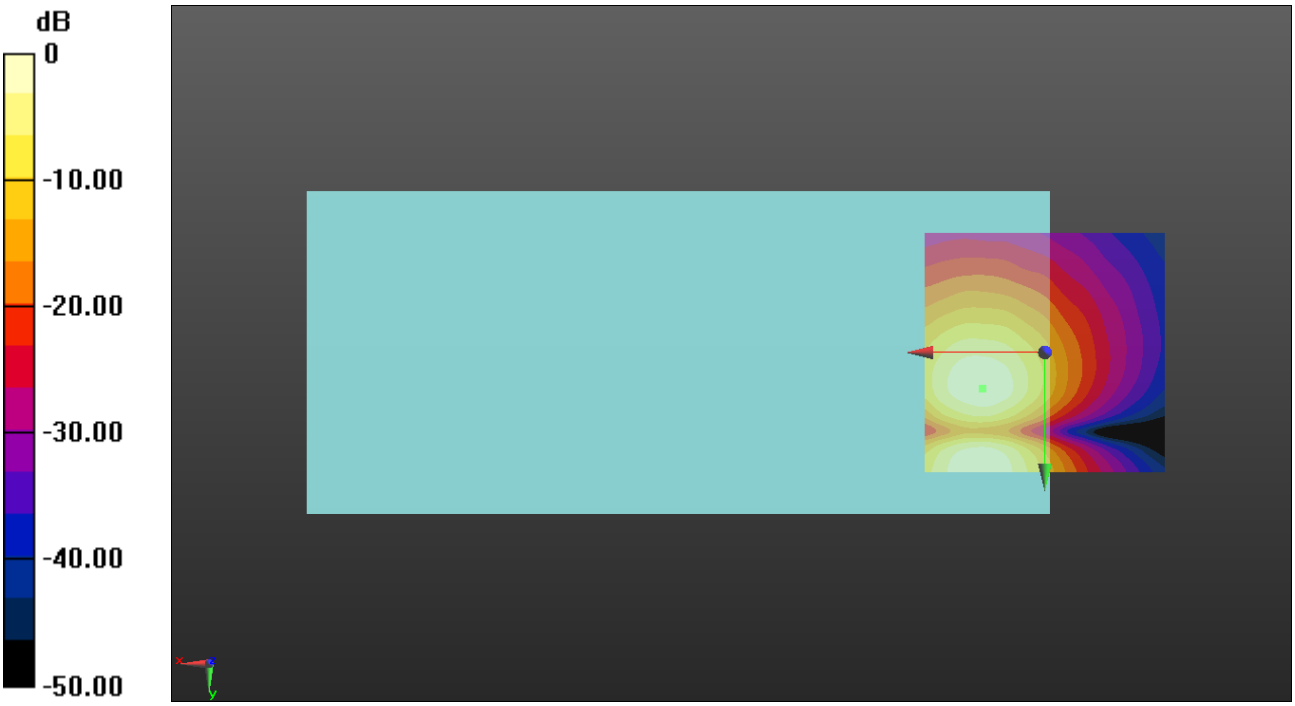
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 2310 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 30 10MHz 16QAM RB1/0 ch27710 AMR-WB6.6 Ant.F/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 35.79 dB
ABM1 = -0.88 dBA/m
ABM2 = -36.67 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.5, 3.7 mm



0 dB = 0.9199 A/m = −0.73 dBA/m

VoLTE_FDD

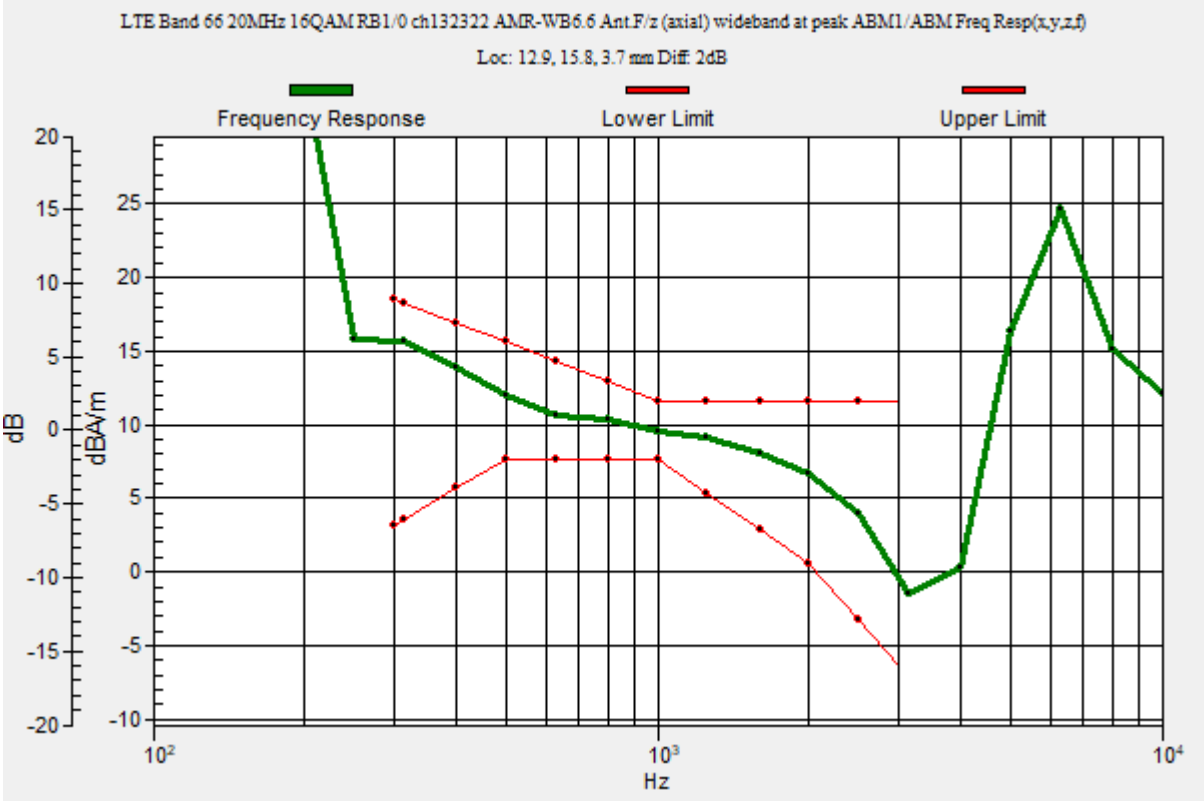
Communication System: UID 0, LTE (FDD) (0); Frequency: 1745 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 66 20MHz 16QAM RB1/0 ch132322 AMR-WB6.6 Ant.F/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: 47.2
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.9, 15.8, 3.7 mm



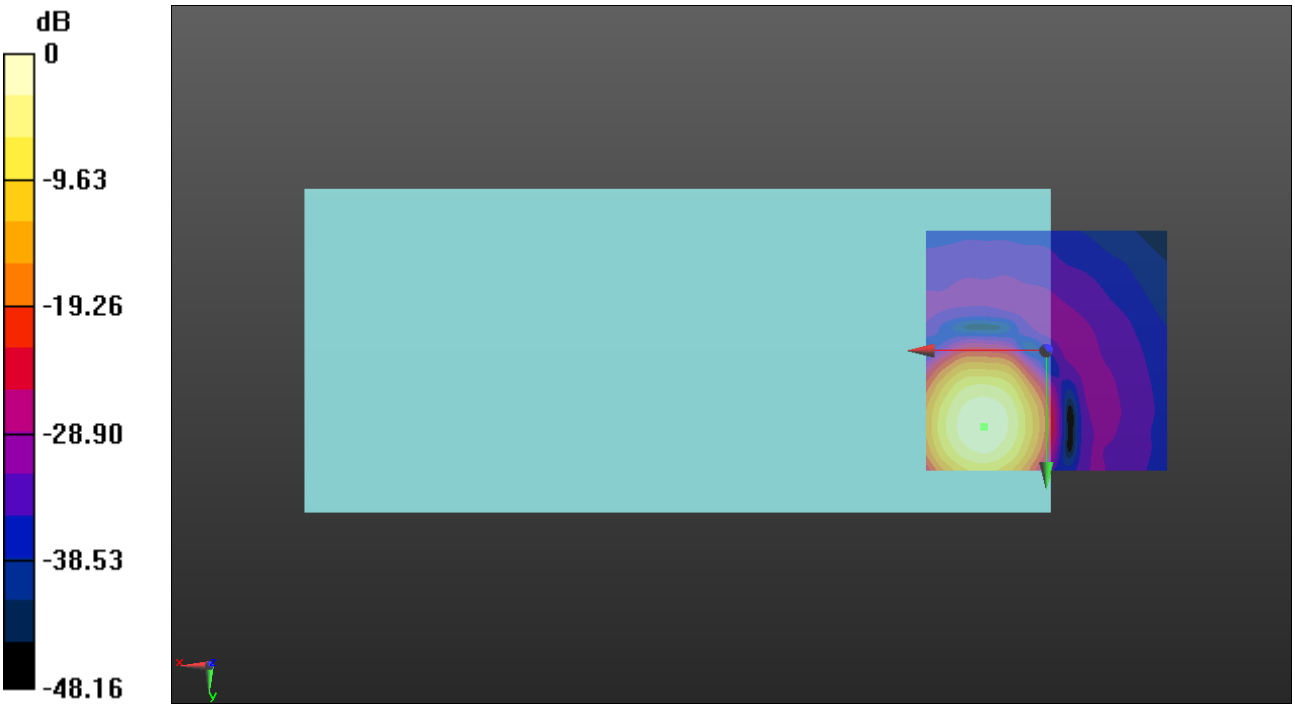
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6 Ant.F/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 46.23 dB
ABM1 = 7.51 dBA/m
ABM2 = -38.72 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 15.8, 3.7 mm



0 dB = 2.375 A/m = 7.51 dBA/m

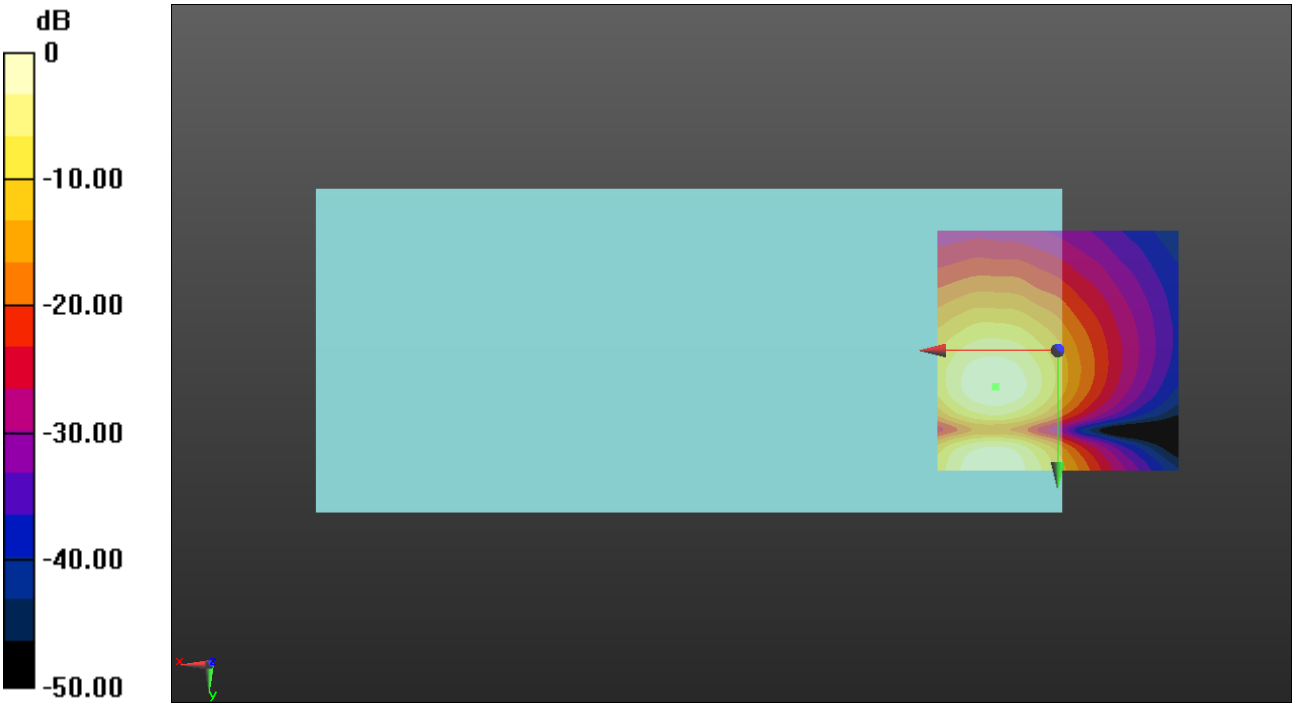
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6 Ant.F/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 33.48 dB
ABM1 = -0.68 dBA/m
ABM2 = -34.16 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.5, 3.7 mm



0 dB = 0.9365 A/m = −0.57 dBA/m

VoLTE_FDD

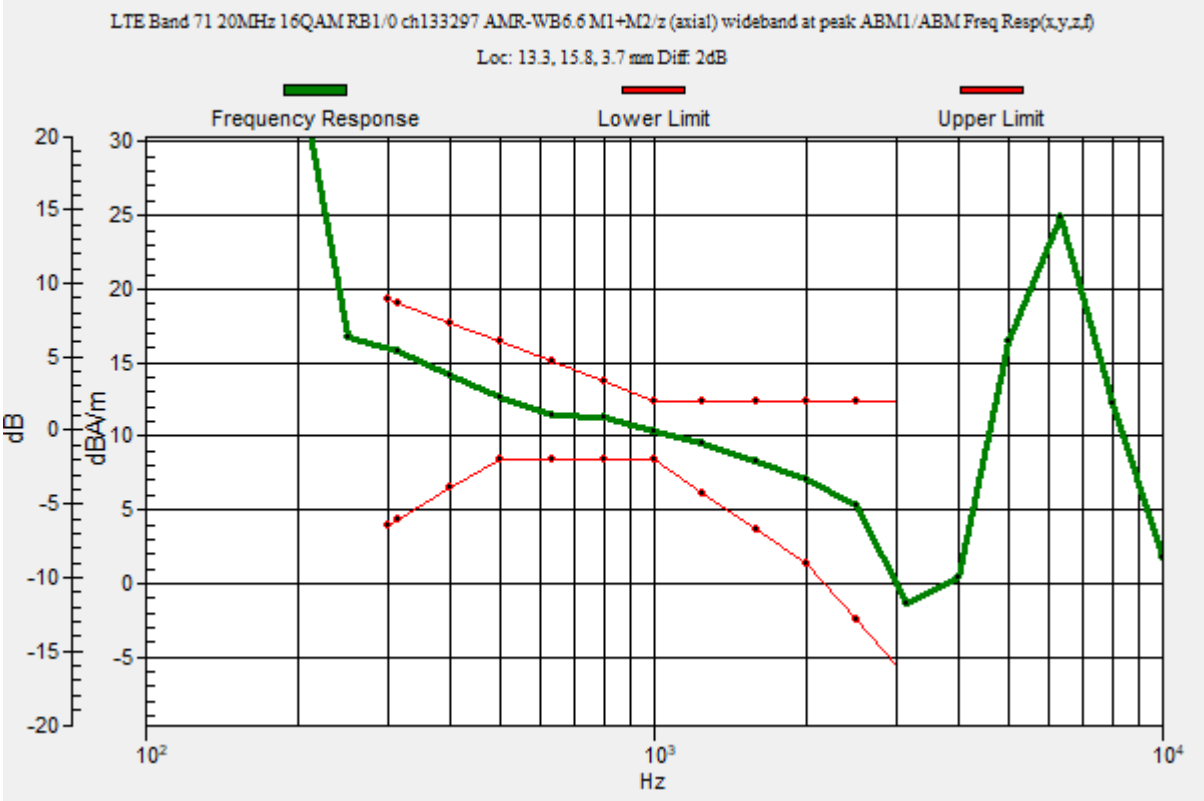
Communication System: UID 0, LTE (FDD) (0); Frequency: 680.5 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 71 20MHz 16QAM RB1/0 ch133297 AMR-WB6.6 Ant.A+Ant.B/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: 47.2
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 2.00 dB
BWC Factor = 10.80 dB
Location: 13.3, 15.8, 3.7 mm



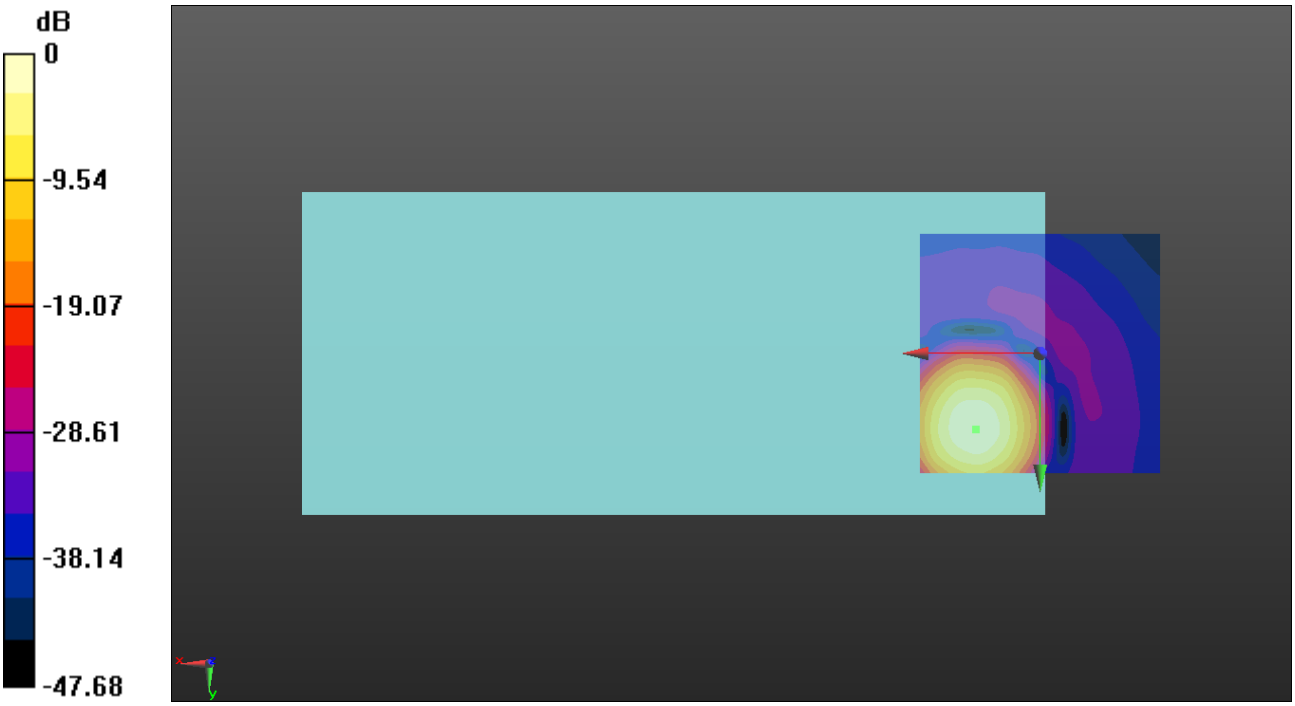
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 680.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 71 20MHz 16QAM RB1/0 ch133297 AMR-WB6.6 Ant.A+Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 55.51 dB
ABM1 = 8.05 dBA/m
ABM2 = -47.46 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 15.8, 3.7 mm



0 dB = 2.527 A/m = 8.05 dBA/m

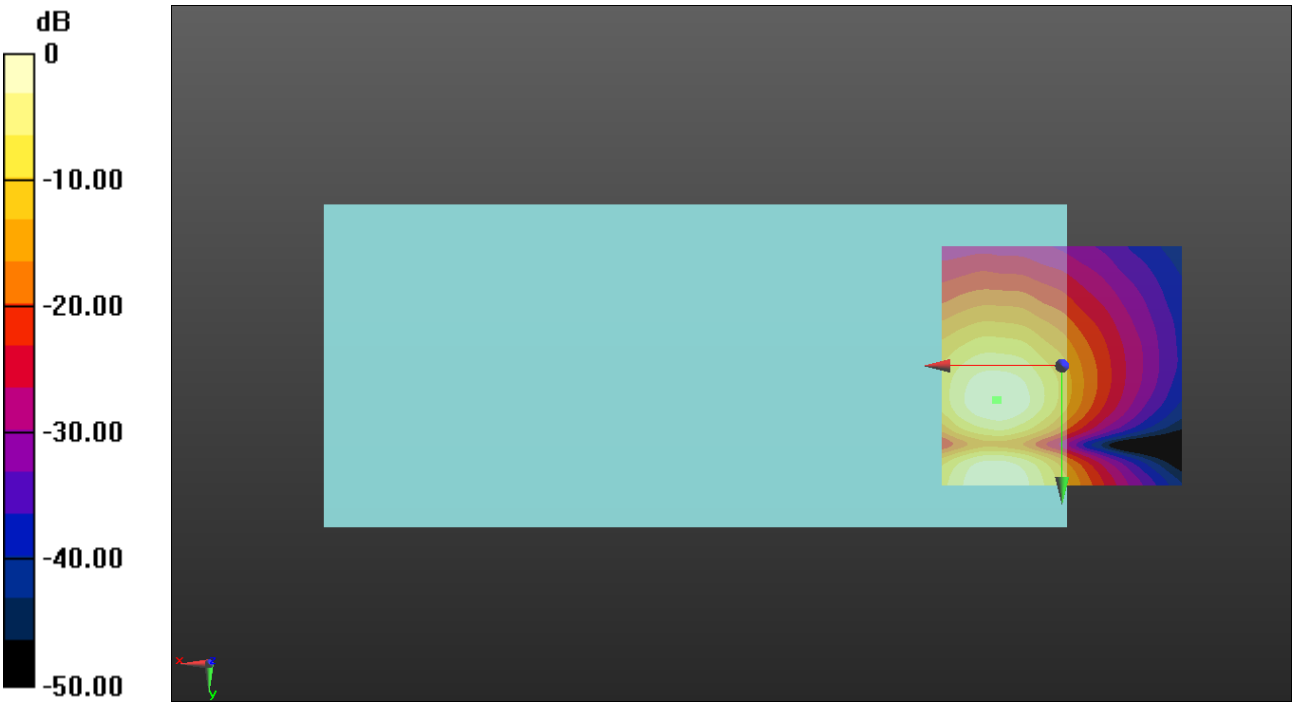
VoLTE_FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 680.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 71 20MHz 16QAM RB1/0 ch133297 AMR-WB6.6 Ant.A+Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 41.04 dB
ABM1 = -0.31 dBA/m
ABM2 = -41.35 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 7.1, 3.7 mm



0 dB = 0.9748 A/m = −0.22 dBA/m

VoLTE_TDD

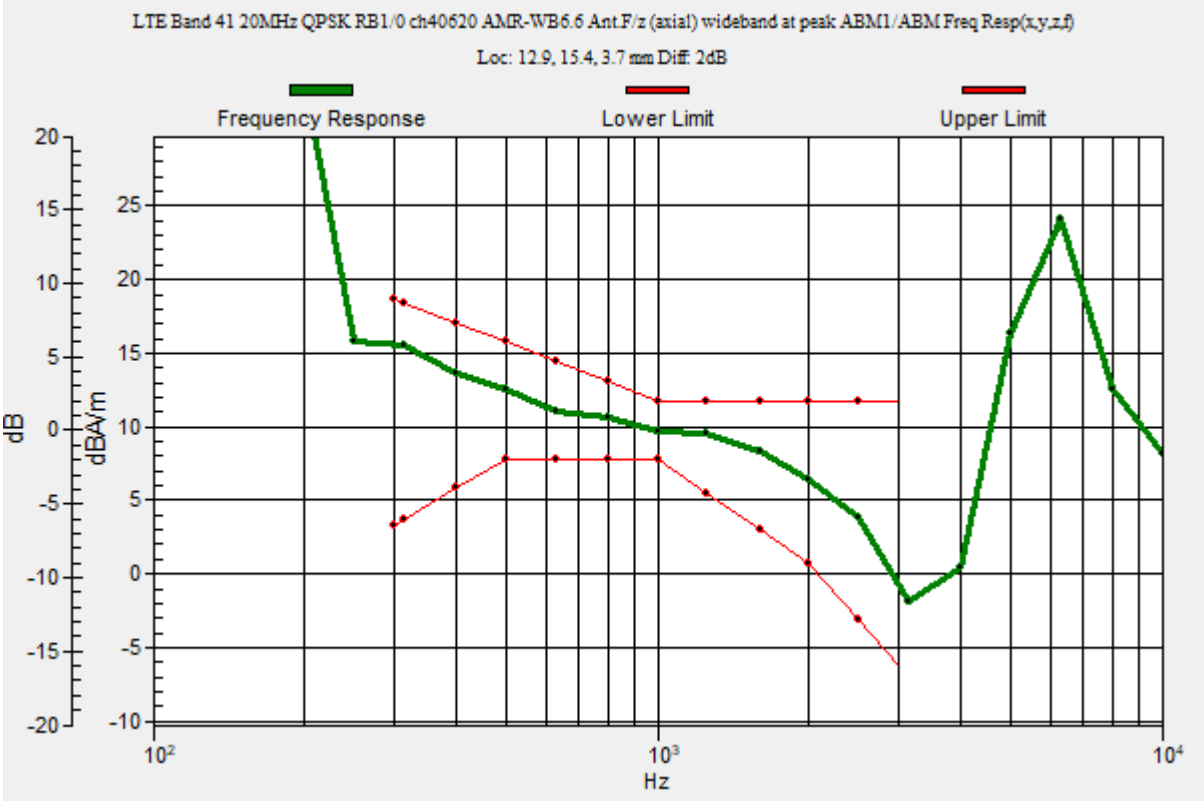
Communication System: UID 0, LTE (TDD) (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59956

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 41 20MHz QPSK RB1/0 ch40620 AMR-WB6.6 Ant.F/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: 47.2
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.9, 15.4, 3.7 mm



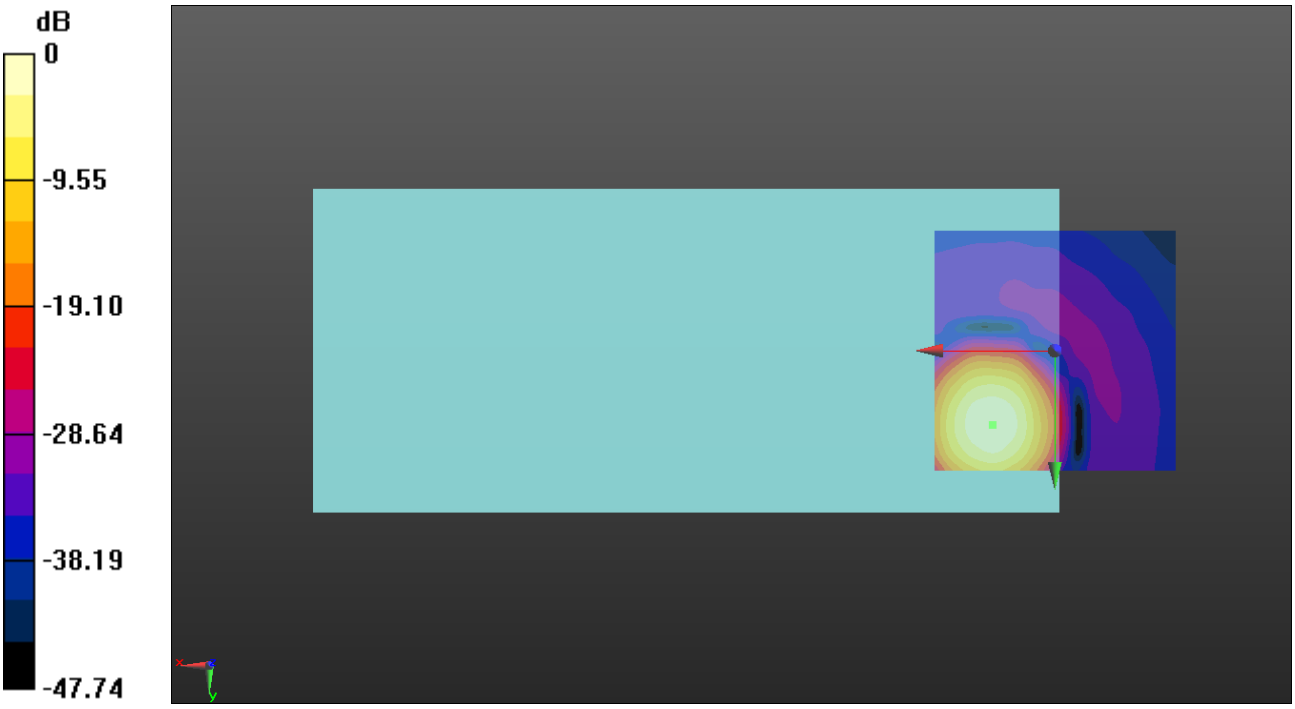
VoLTE_TDD

Communication System: UID 0, LTE (TDD) (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59956
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 41 20MHz QPSK RB1/0 ch40620 AMR-WB6.6 Ant.F/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 39.12 dB
ABM1 = 7.71 dBA/m
ABM2 = -31.41 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 15.4, 3.7 mm



0 dB = 2.429 A/m = 7.71 dBA/m

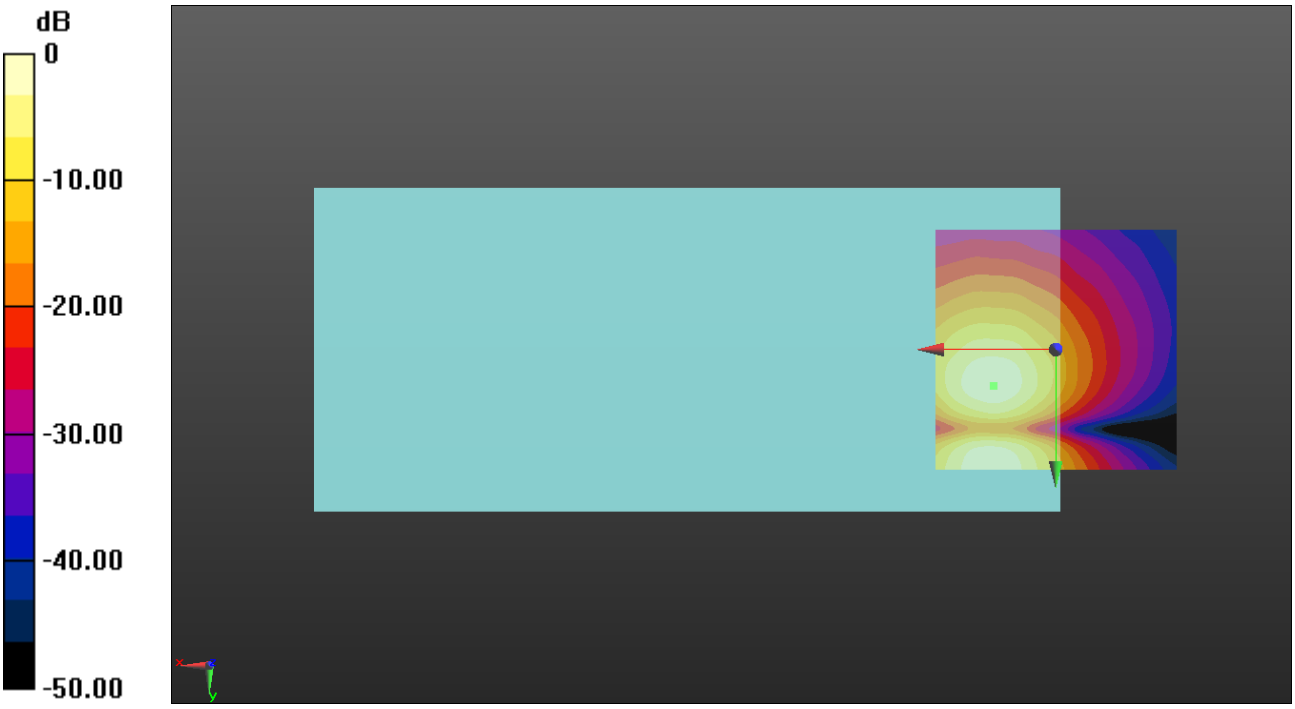
VoLTE_TDD

Communication System: UID 0, LTE (TDD) (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59956
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 41 20MHz QPSK RB1/0 ch40620 AMR-WB6.6 Ant.F/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 28.38 dB
ABM1 = -0.64 dBA/m
ABM2 = -29.02 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.5, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

VoLTE_TDD

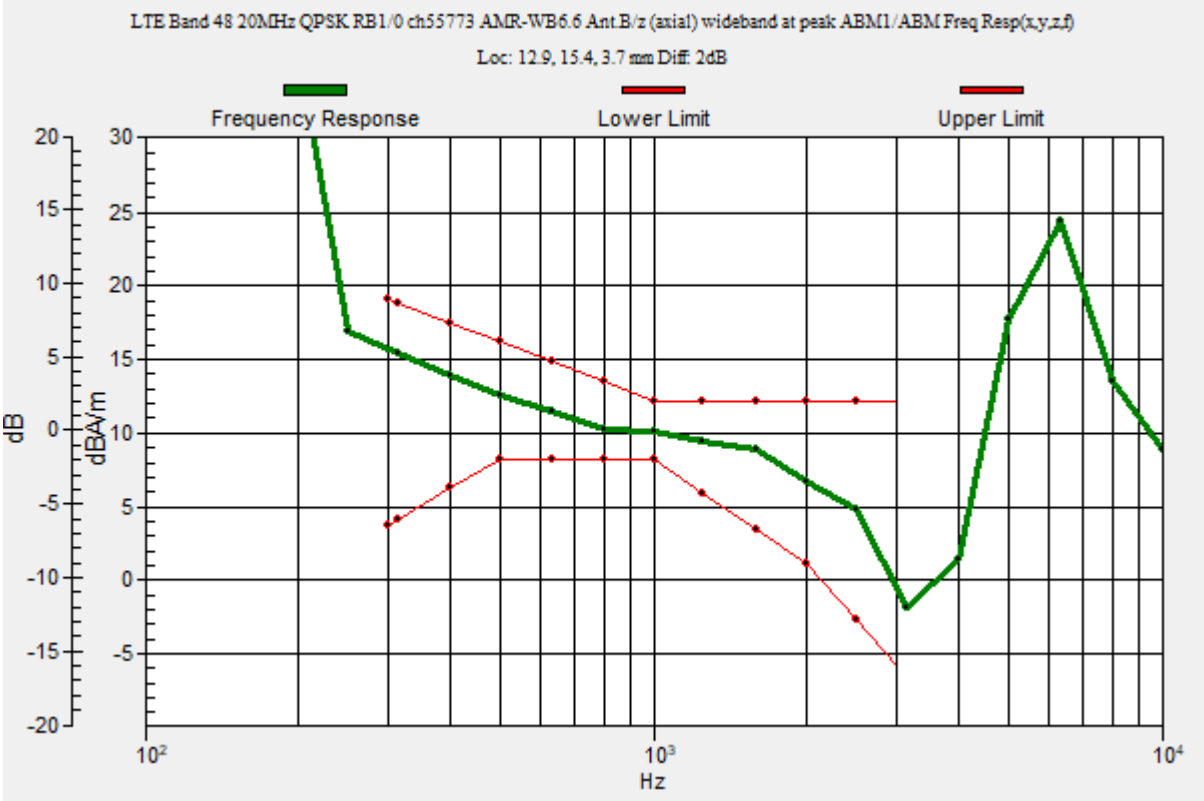
Communication System: UID 0, LTE (TDD) (0); Frequency: 3603.3 MHz;Duty Cycle: 1:1.59956

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 48 20MHz QPSK RB1/0 ch55773 AMR-WB6.6 Ant.B/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: 47.2
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.9, 15.4, 3.7 mm



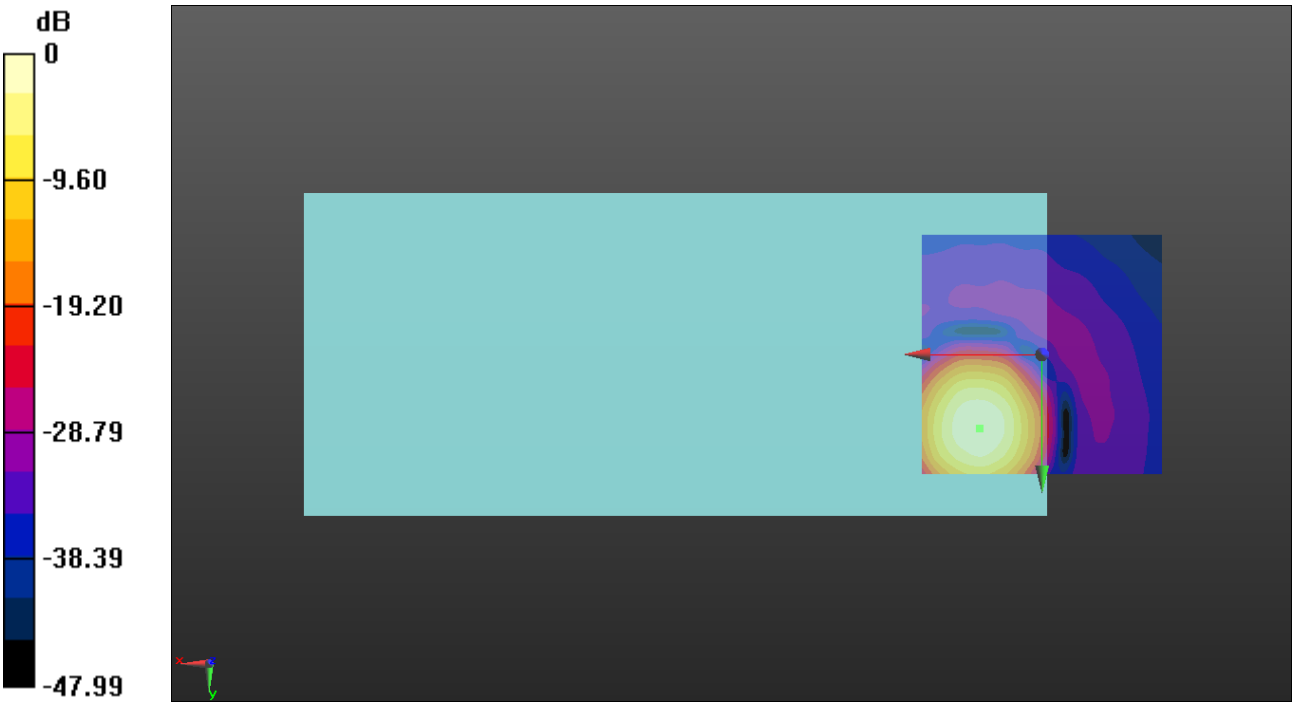
VoLTE_TDD

Communication System: UID 0, LTE (TDD) (0); Frequency: 3603.3 MHz; Duty Cycle: 1:1.59956
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6 Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 40.28 dB
ABM1 = 7.66 dBA/m
ABM2 = -32.62 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 15.4, 3.7 mm



0 dB = 2.416 A/m = 7.66 dBA/m

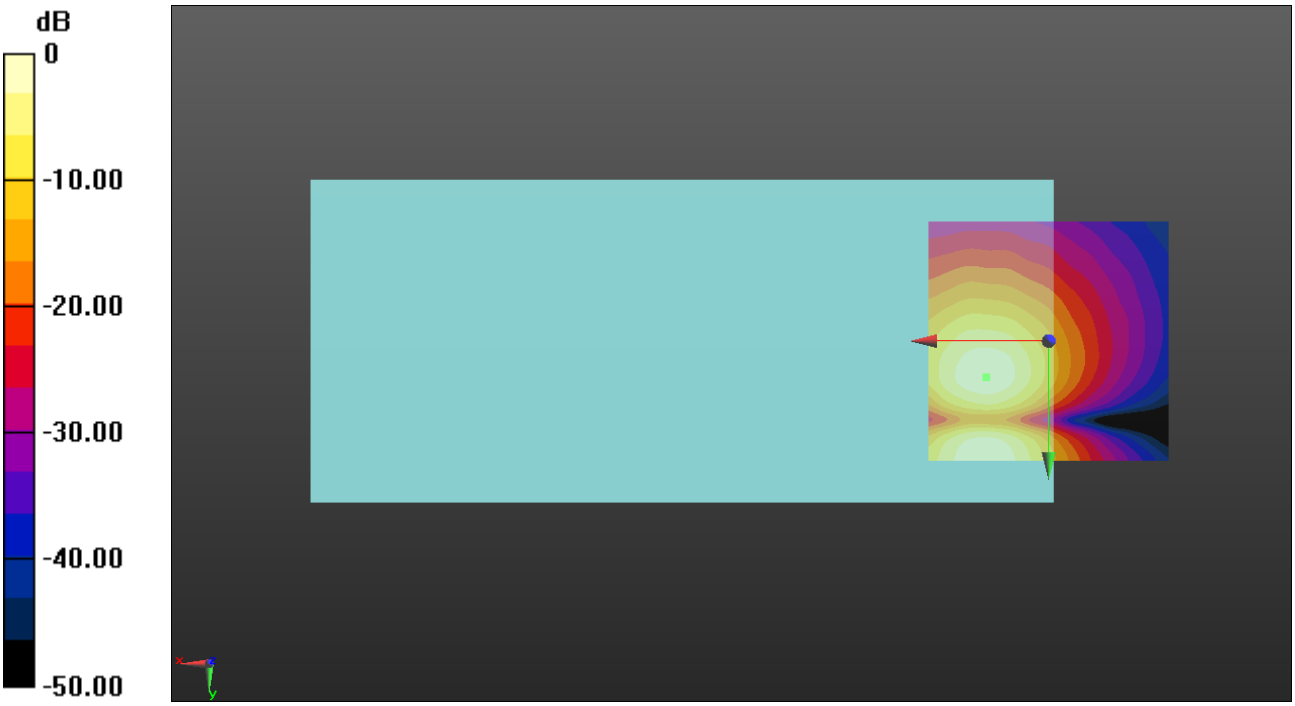
VoLTE_TDD

Communication System: UID 0, LTE (TDD) (0); Frequency: 3603.3 MHz; Duty Cycle: 1:1.59956
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6 Ant.B/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: 24.07
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 30.16 dB
ABM1 = -0.63 dBA/m
ABM2 = -30.79 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.5, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

VoNR FDD

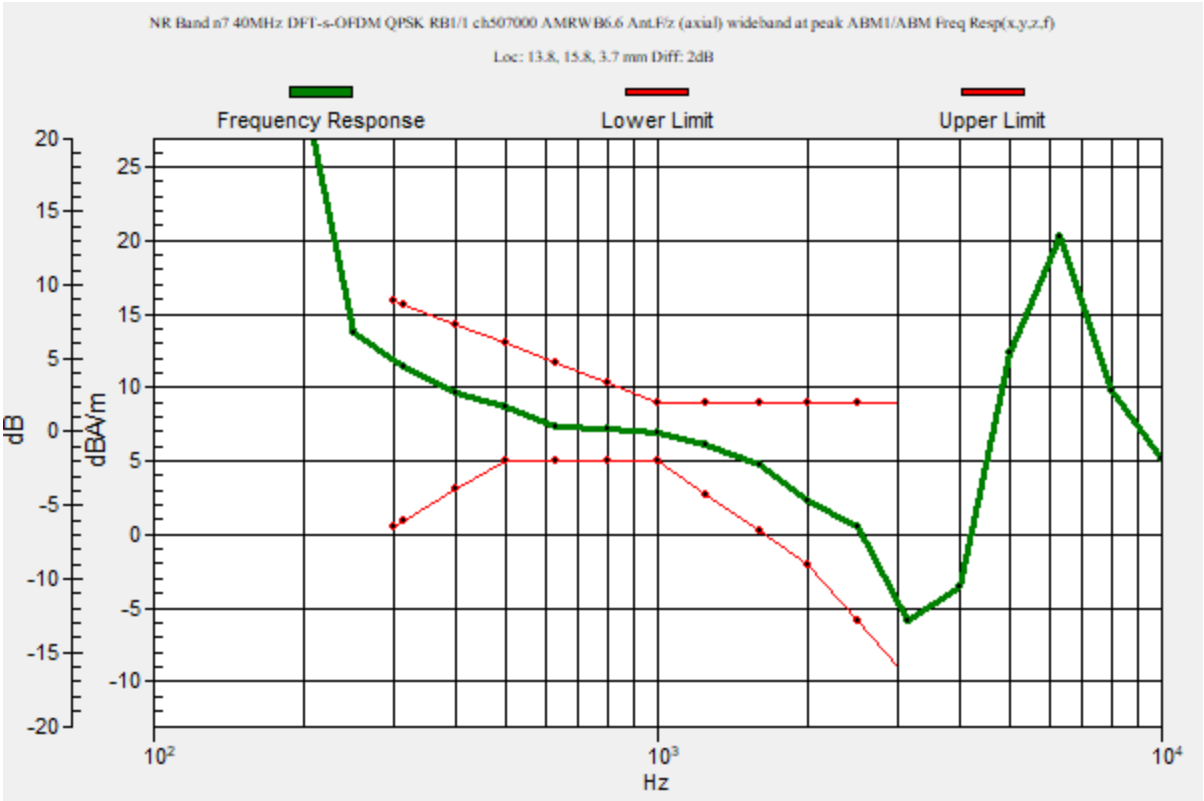
Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2535 MHz;Duty Cycle: 1:3.55877

T-Coil scan (scan for ANSI C63.19 2011 compliance)/NR Band n7 40MHz DFT-s-OFDM QPSK RB1/1 ch507000 AMRWB6.6 Ant.F/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: 29.78
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: 13.8, 15.8, 3.7 mm



VoNR FDD

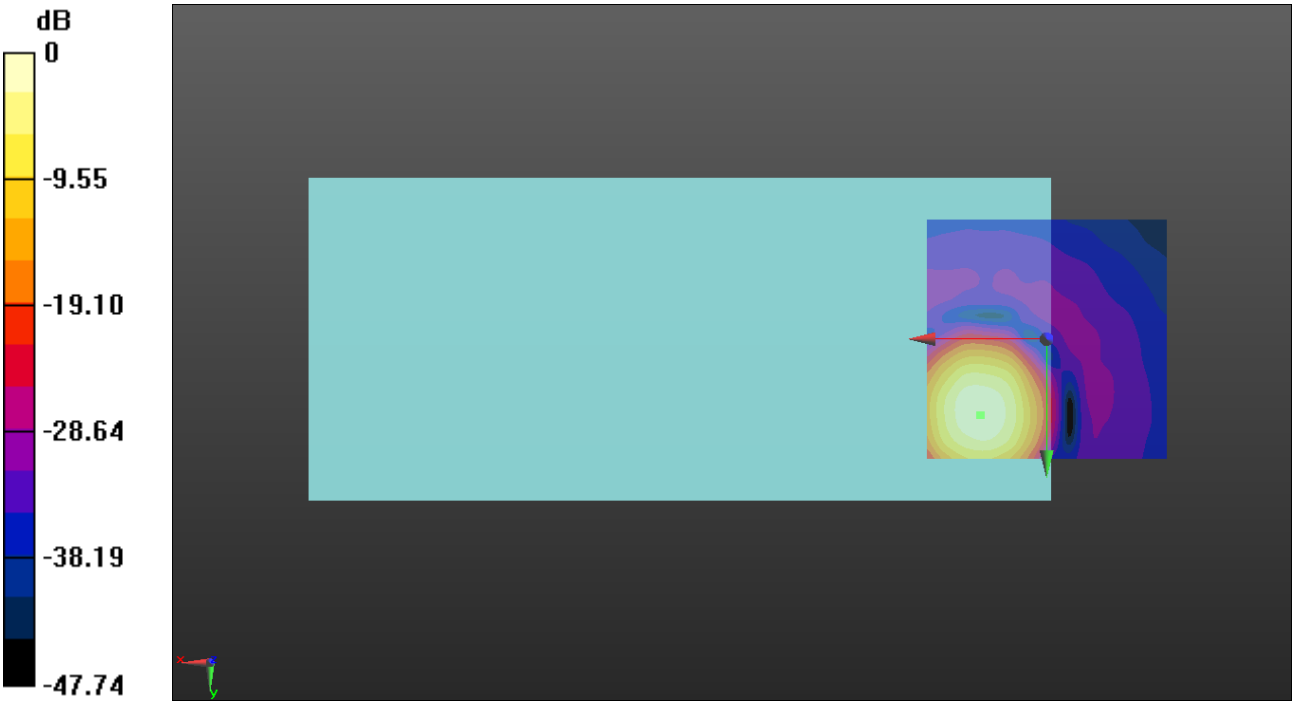
Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2535 MHz;
Duty Cycle: 1:3.55877
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n7 40MHz DFT-s-OFDM QPSK RB1/1 ch507000 AMRWB6.6 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 39.09 dB
ABM1 = 4.20 dBA/m
ABM2 = -34.89 dBA/m
BWC Factor = 0.16 dB
Location: 13.8, 15.8, 3.7 mm

BWC Factor = 0.16 dB



0 dB = 1.622 A/m = 4.20 dBA/m

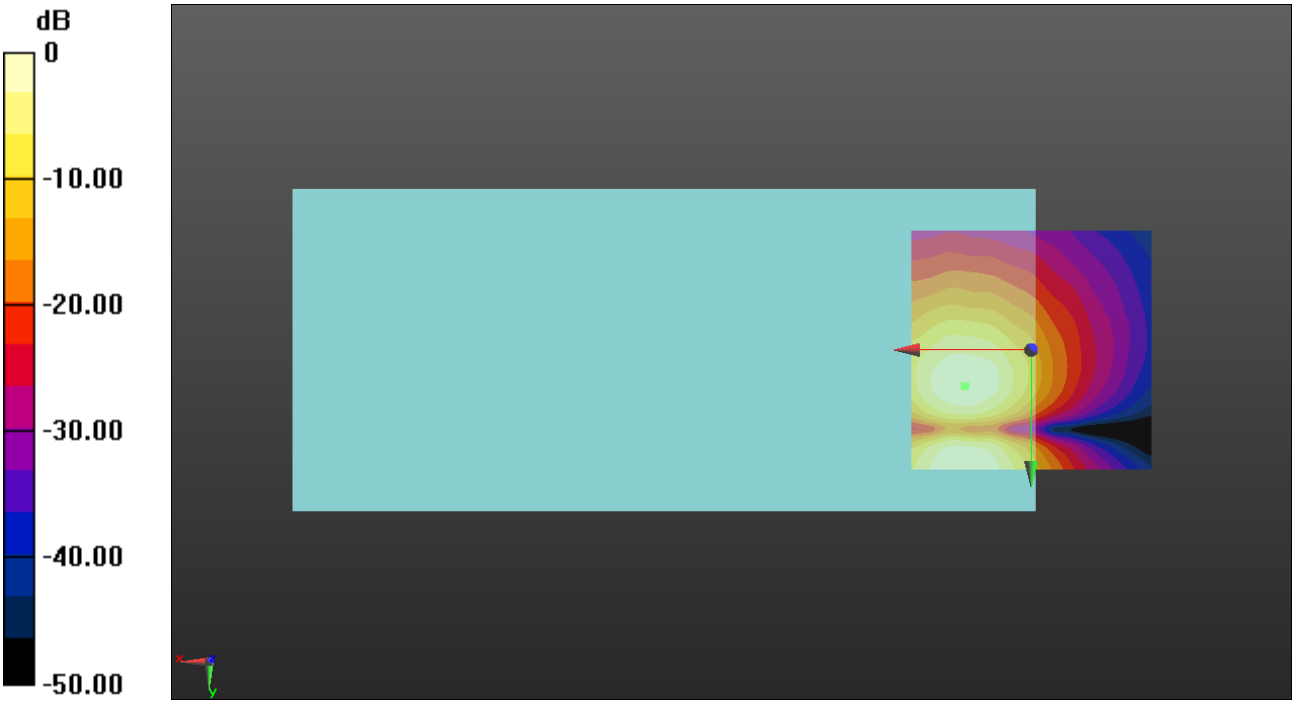
VoNR FDD

Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2535 MHz;
Duty Cycle: 1:3.55877
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n7 40MHz DFT-s-OFDM QPSK RB1/1 ch507000 AMRWB6.6 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 28.13 dB
ABM1 = -4.38 dBA/m
ABM2 = -32.51 dBA/m
BWC Factor = 0.16 dB
Location: 13.8, 7.5, 3.7 mm



0 dB = 0.6136 A/m = −4.24 dBA/m

VoNR FDD

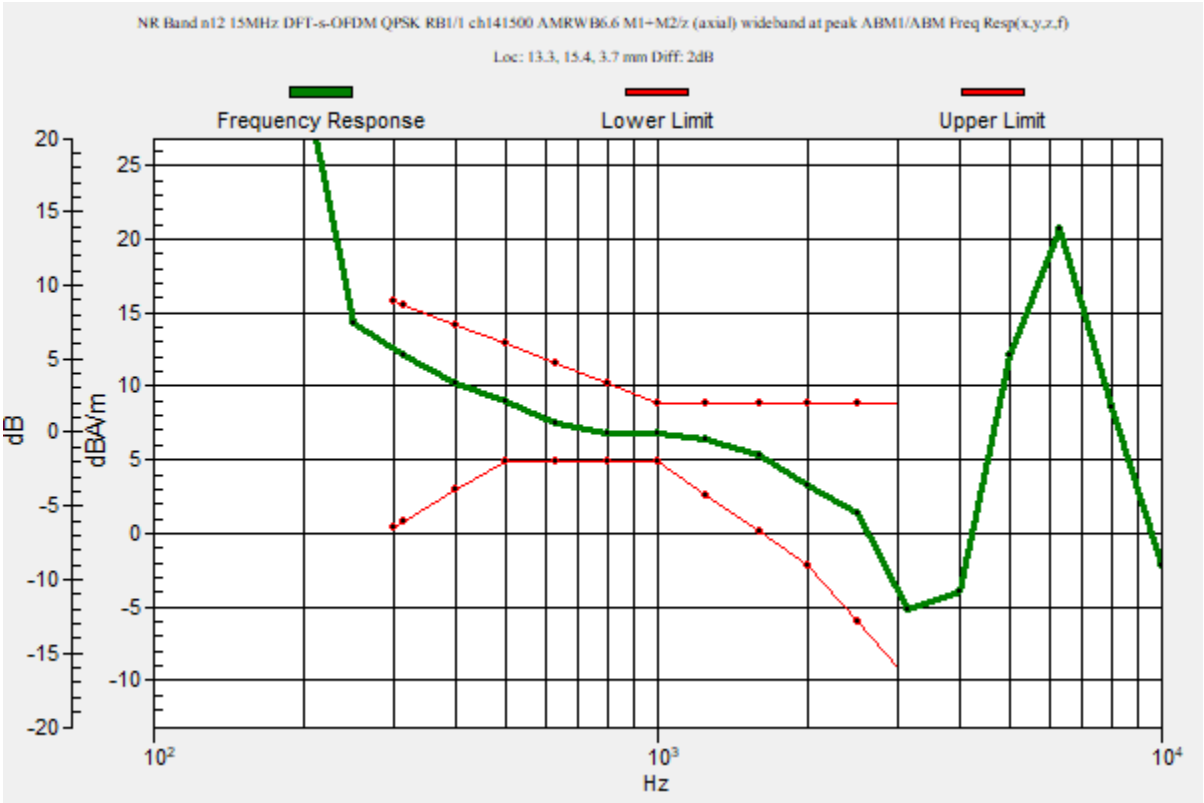
Communication System: UID 10930 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz); Frequency: 707.5 MHz;Duty Cycle: 1:3.56205

T-Coil scan (scan for ANSI C63.19 2011 compliance)/NR Band n12 15MHz DFT-s-OFDM QPSK RB1/1 ch141500 AMRWB6.6 Ant.A+Ant.B/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: 29.78
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: 13.3, 15.4, 3.7 mm



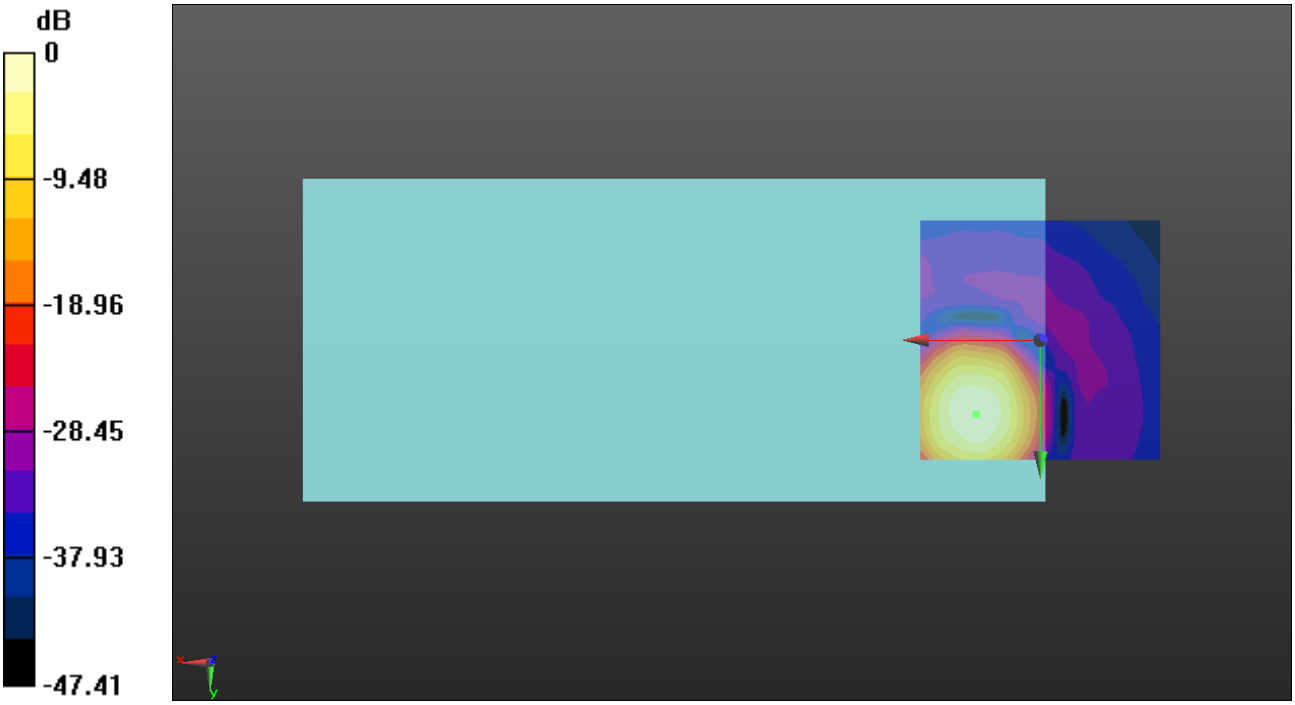
VoNR FDD

Communication System: UID 10930 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz); Frequency: 707.5 MHz;
Duty Cycle: 1:3.56205
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n12 15MHz DFT-s-OFDM QPSK RB1/1 ch141500 AMRWB6.6 Ant.A+Ant.B/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 48.36 dB
ABM1 = 4.08 dBA/m
ABM2 = -44.28 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 15.4, 3.7 mm



0 dB = 1.600 A/m = 4.08 dBA/m

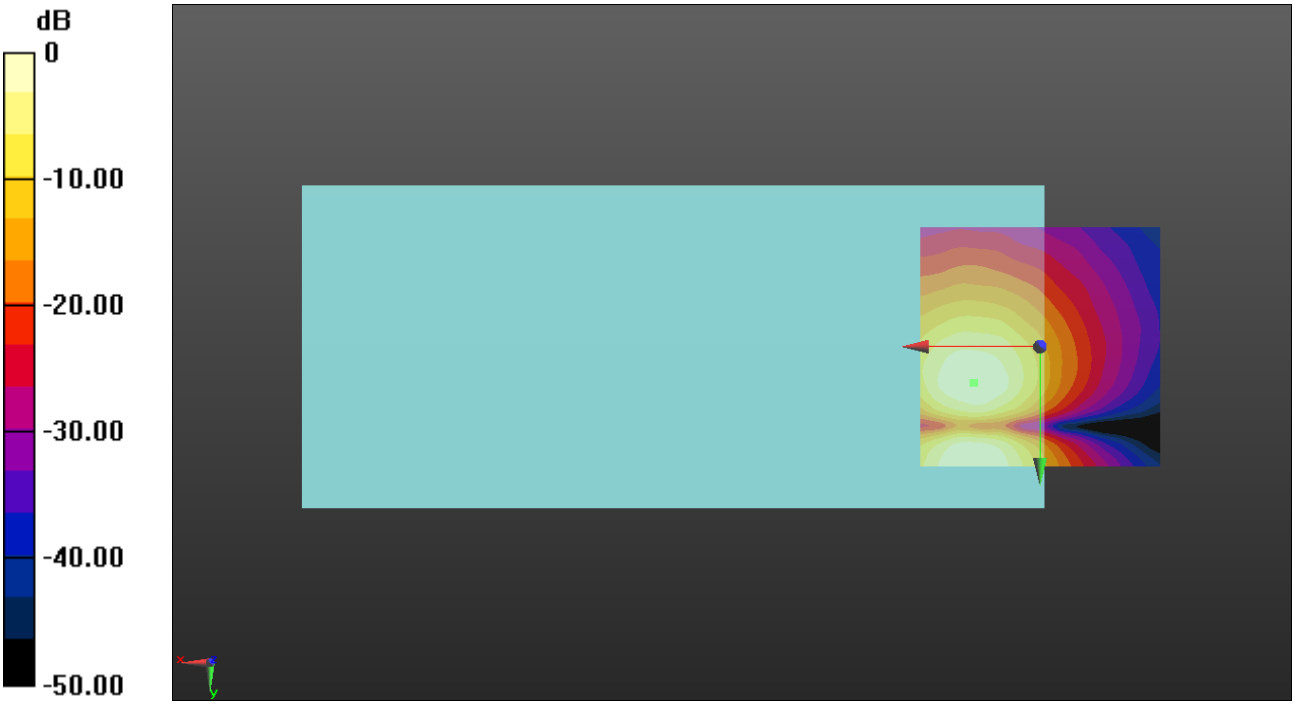
VoNR FDD

Communication System: UID 10930 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz); Frequency: 707.5 MHz;
Duty Cycle: 1:3.56205
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n12 15MHz DFT-s-OFDM QPSK RB1/1 ch141500 AMRWB6.6 Ant.A+Ant.B/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 35.45 dB
ABM1 = -4.39 dBA/m
ABM2 = -39.84 dBA/m
BWC Factor = 0.16 dB
Location: 13.8, 7.5, 3.7 mm



0 dB = 0.6034 A/m = −4.39 dBA/m

VoNR FDD

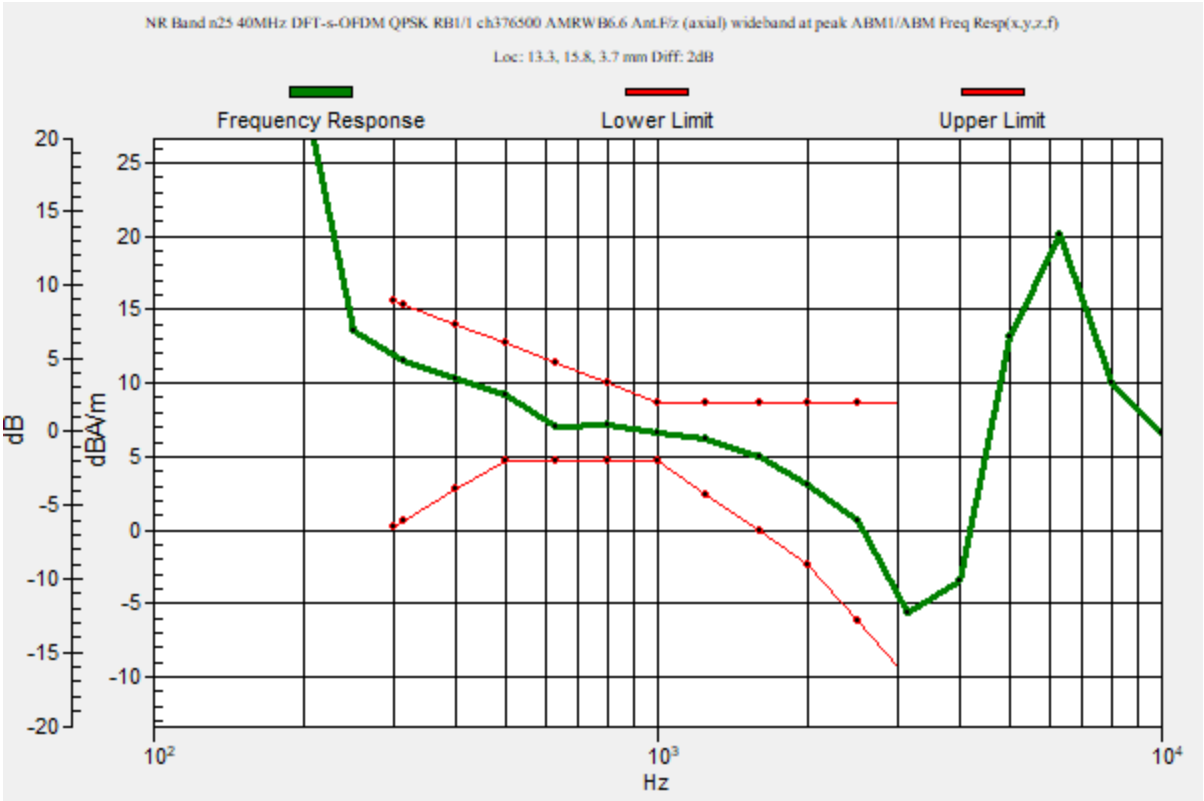
Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1882.5 MHz;Duty Cycle: 1:3.55877

T-Coil scan (scan for ANSI C63.19 2011 compliance)/NR Band n25 40MHz DFT-s-OFDM QPSK RB1/1 ch376500 AMRWB6.6 Ant.F/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: 29.78
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: 13.3, 15.8, 3.7 mm



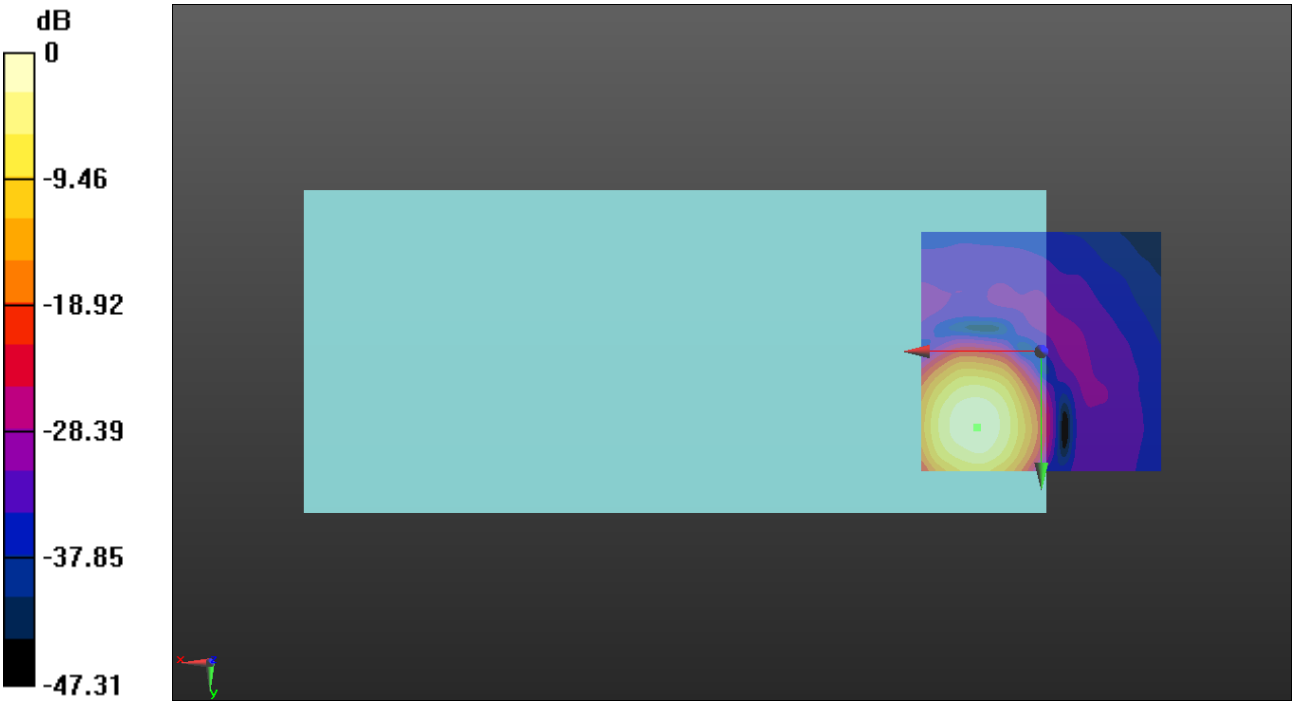
VoNR FDD

Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1882.5 MHz;
Duty Cycle: 1:3.55877
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n25 40MHz DFT-s-OFDM QPSK RB1/1 ch376500 AMRWB6.6 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 38.38 dB
ABM1 = 4.16 dBA/m
ABM2 = -34.22 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 15.8, 3.7 mm



0 dB = 1.615 A/m = 4.16 dBA/m

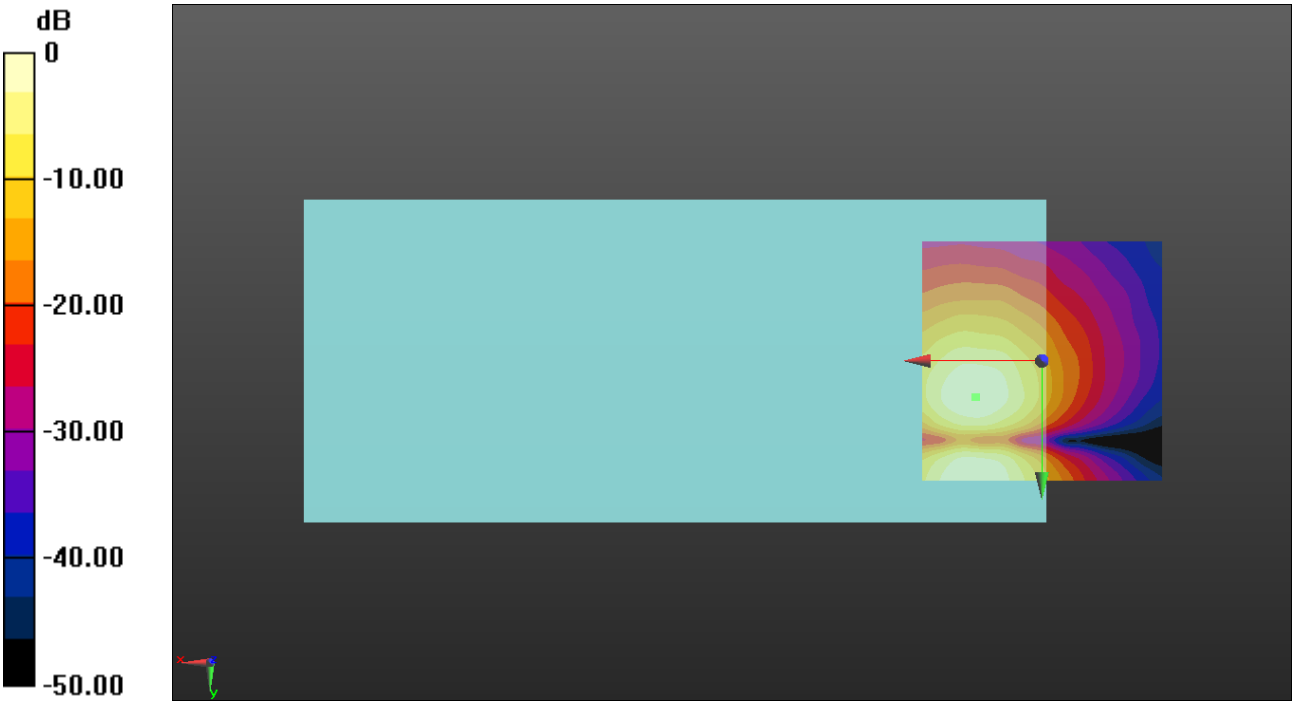
VoNR FDD

Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1882.5 MHz;
Duty Cycle: 1:3.55877
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n25 40MHz DFT-s-OFDM QPSK RB1/1 ch376500 AMRWB6.6 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 26.80 dB
ABM1 = -4.40 dBA/m
ABM2 = -31.20 dBA/m
BWC Factor = 0.16 dB
Location: 13.8, 7.5, 3.7 mm



0 dB = 0.6095 A/m = −4.30 dBA/m

VoNR FDD

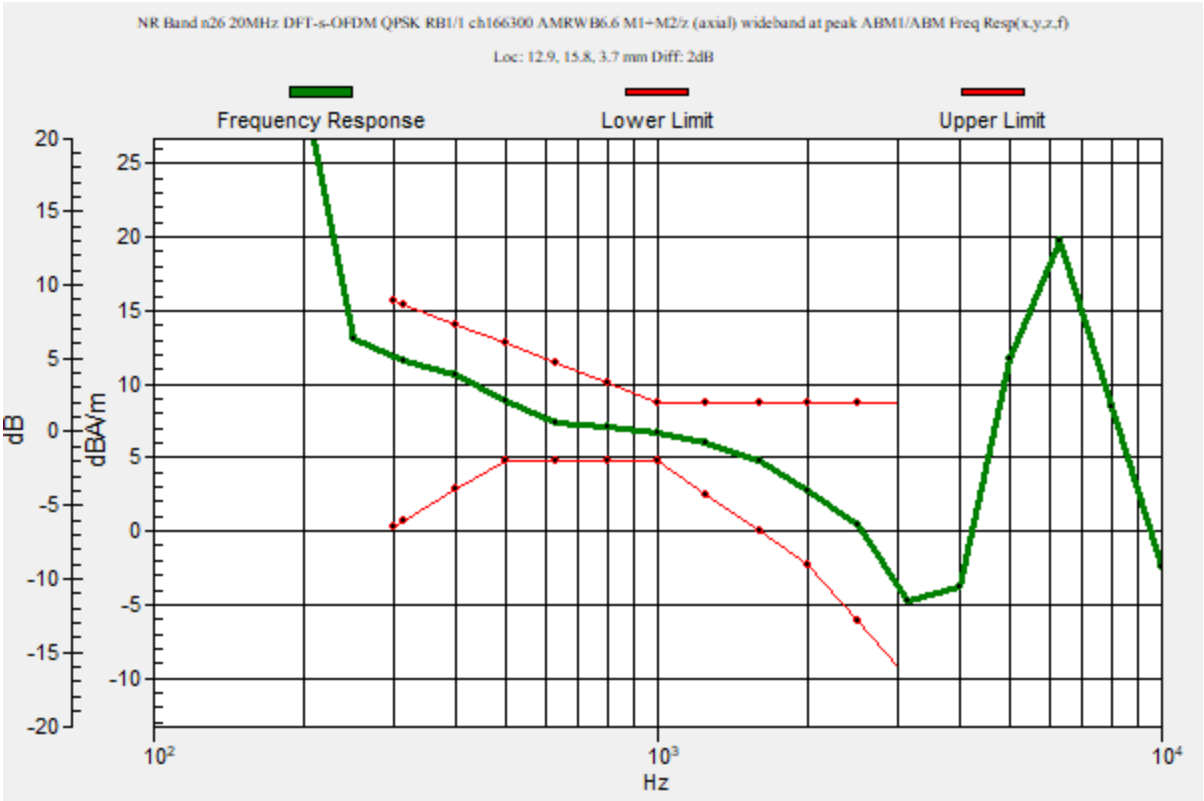
Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 831.5 MHz;Duty Cycle: 1:3.55795

T-Coil scan (scan for ANSI C63.19 2011 compliance)/NR Band n26 20MHz DFT-s-OFDM QPSK RB1/1 ch166300 AMRWB6.6 Ant.A+Ant.B/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: 29.78
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: 12.9, 15.8, 3.7 mm



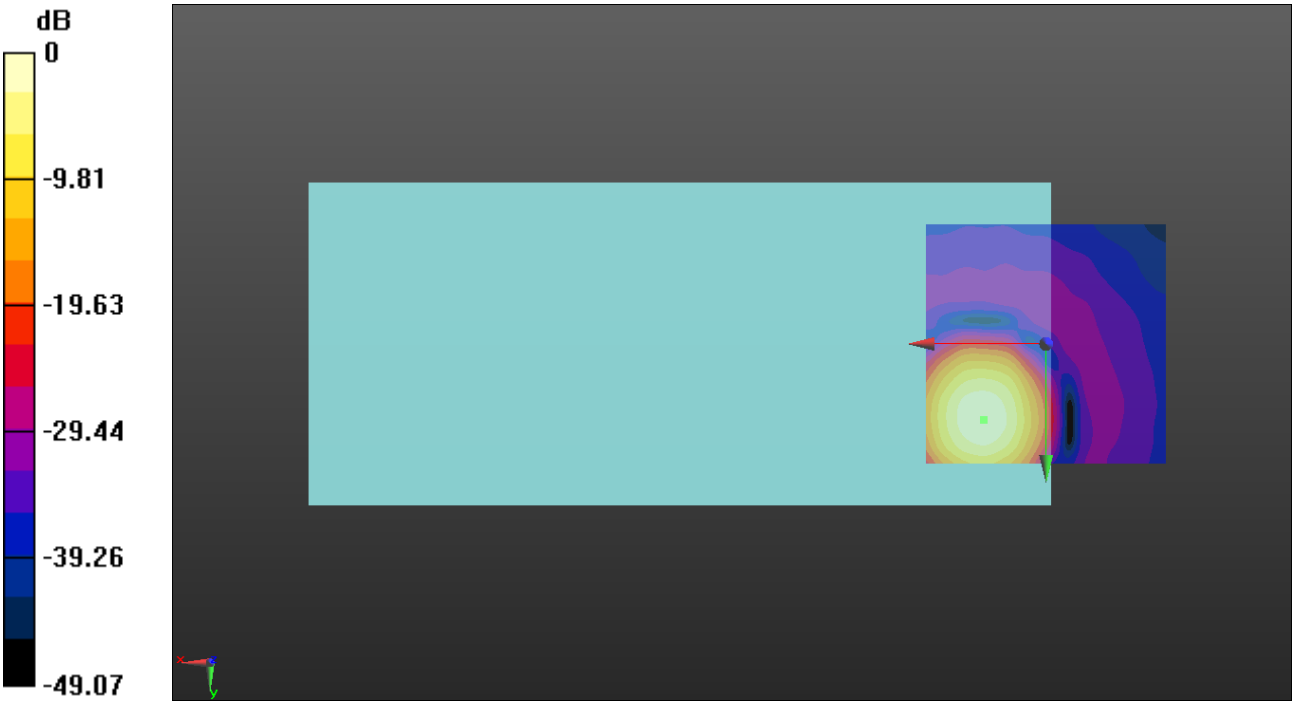
VoNR FDD

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 831.5 MHz;
Duty Cycle: 1:3.55795
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n26 20MHz DFT-s-OFDM QPSK RB1/1 ch166300 AMRWB6.6 Ant.A+Ant.B/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 49.03 dB
ABM1 = 4.41 dBA/m
ABM2 = -44.62 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 15.8, 3.7 mm



0 dB = 1.662 A/m = 4.41 dBA/m

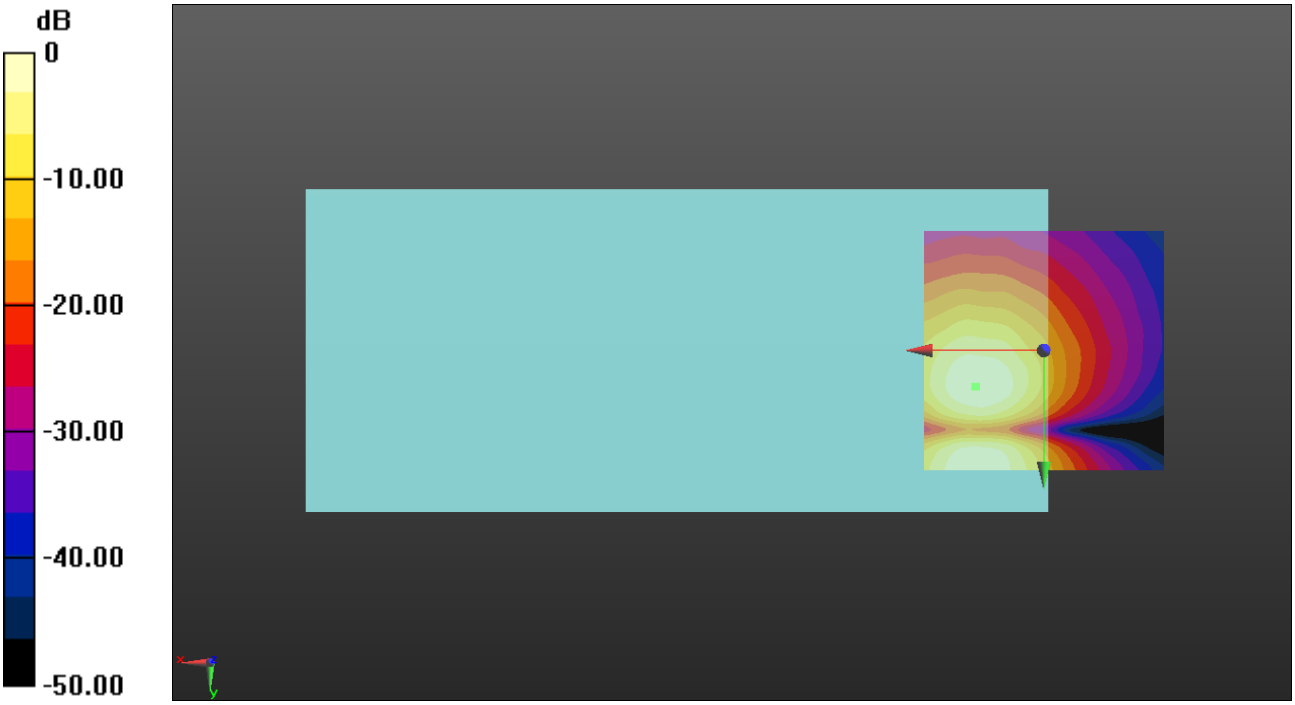
VoNR FDD

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 831.5 MHz;
Duty Cycle: 1:3.55795
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n26 20MHz DFT-s-OFDM QPSK RB1/1 ch166300 AMRWB6.6 Ant.A+Ant.B/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 34.64 dB
ABM1 = -4.41 dBA/m
ABM2 = -39.05 dBA/m
BWC Factor = 0.16 dB
Location: 14.2, 7.5, 3.7 mm



0 dB = 0.6151 A/m = −4.22 dBA/m

VoNR FDD

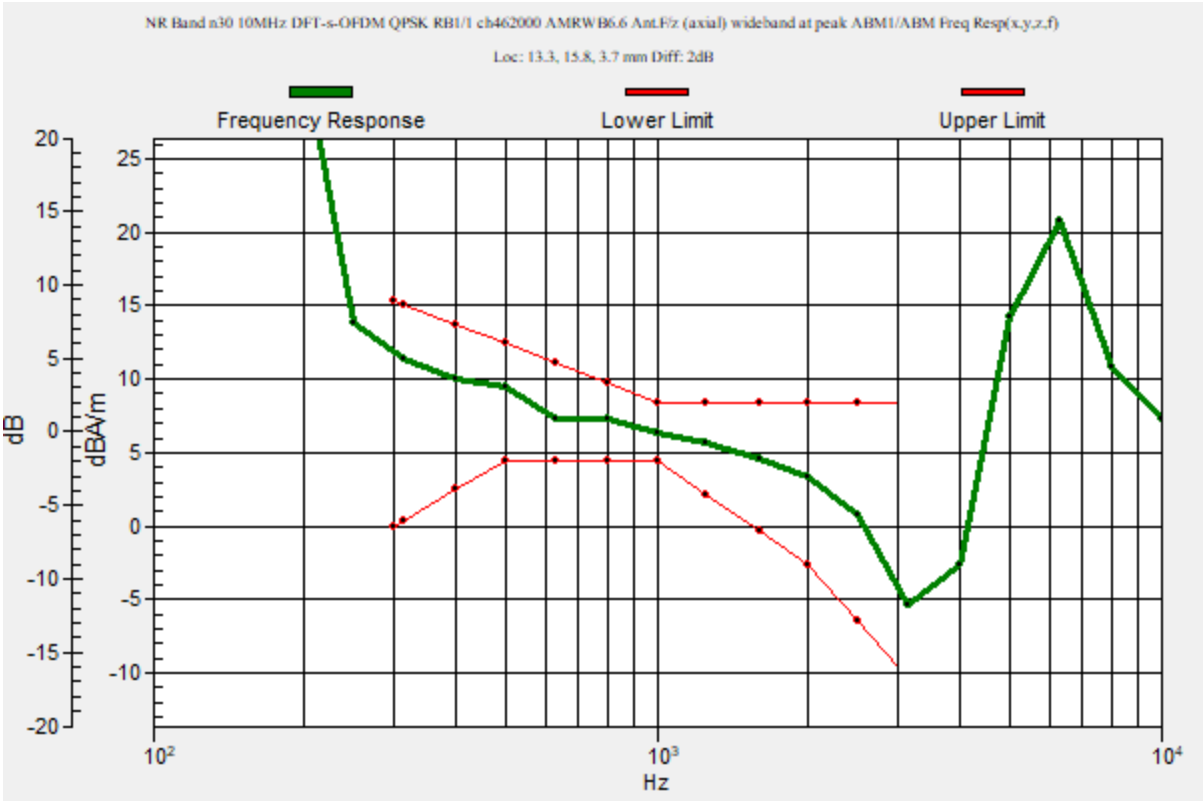
Communication System: UID 10929 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 2310 MHz;Duty Cycle: 1:3.56205

T-Coil scan (scan for ANSI C63.19 2011 compliance)/NR Band n30 10MHz DFT-s-OFDM QPSK RB1/1 ch462000 AMRWB6.6 Ant.F/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: 29.78
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: 13.3, 15.8, 3.7 mm



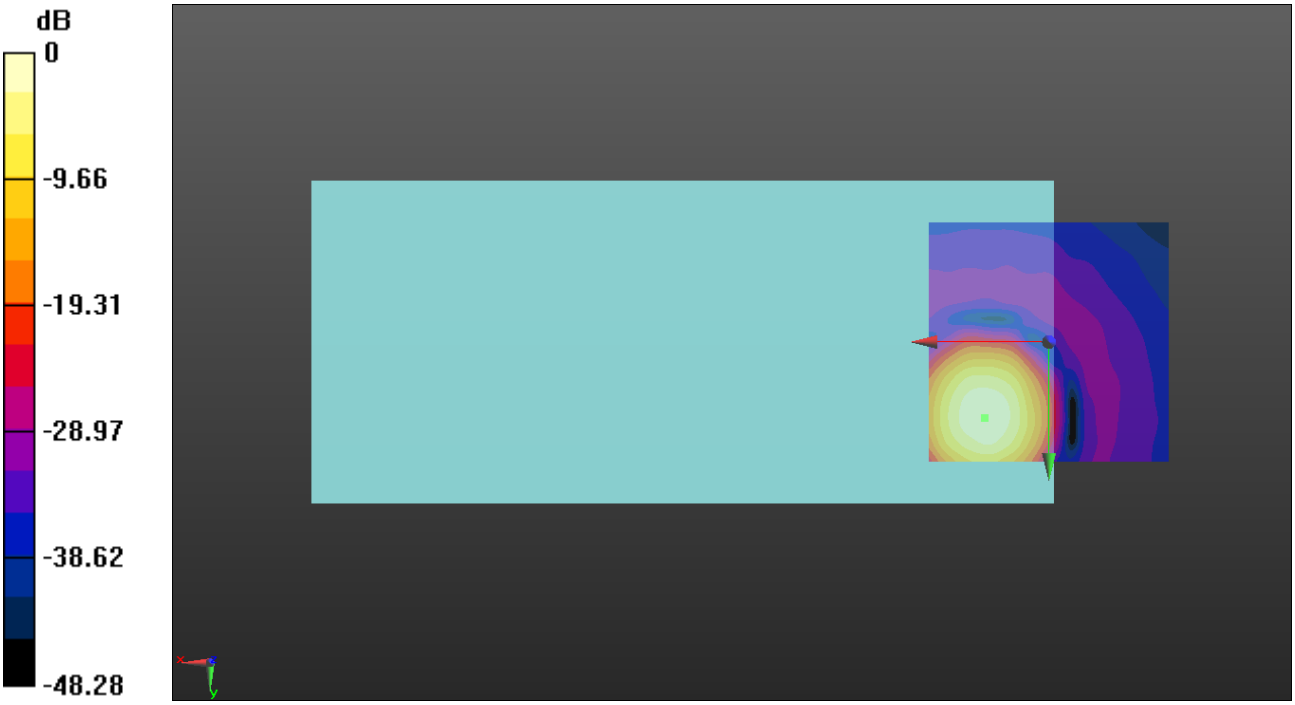
VoNR FDD

Communication System: UID 10929 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 2310 MHz;
Duty Cycle: 1:3.56205
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n30 10MHz DFT-s-OFDM QPSK RB1/1 ch462000 AMRWB6.6 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 36.89 dB
ABM1 = 4.21 dBA/m
ABM2 = -32.68 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 15.8, 3.7 mm



0 dB = 1.624 A/m = 4.21 dBA/m

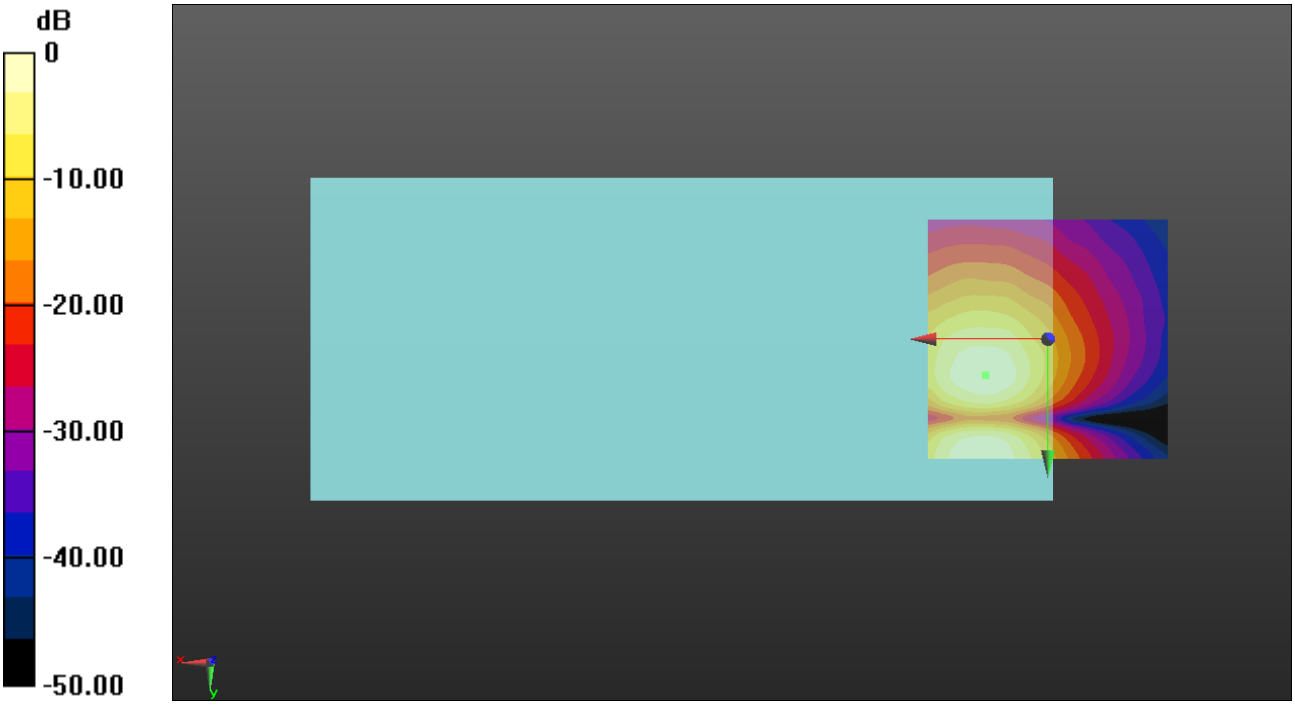
VoNR FDD

Communication System: UID 10929 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 2310 MHz;
Duty Cycle: 1:3.56205
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n30 10MHz DFT-s-OFDM QPSK RB1/1 ch462000 AMRWB6.6 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 27.67 dB
ABM1 = -4.37 dBA/m
ABM2 = -32.04 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.5, 3.7 mm



0 dB = 0.6278 A/m = −4.04 dBA/m

VoNR FDD

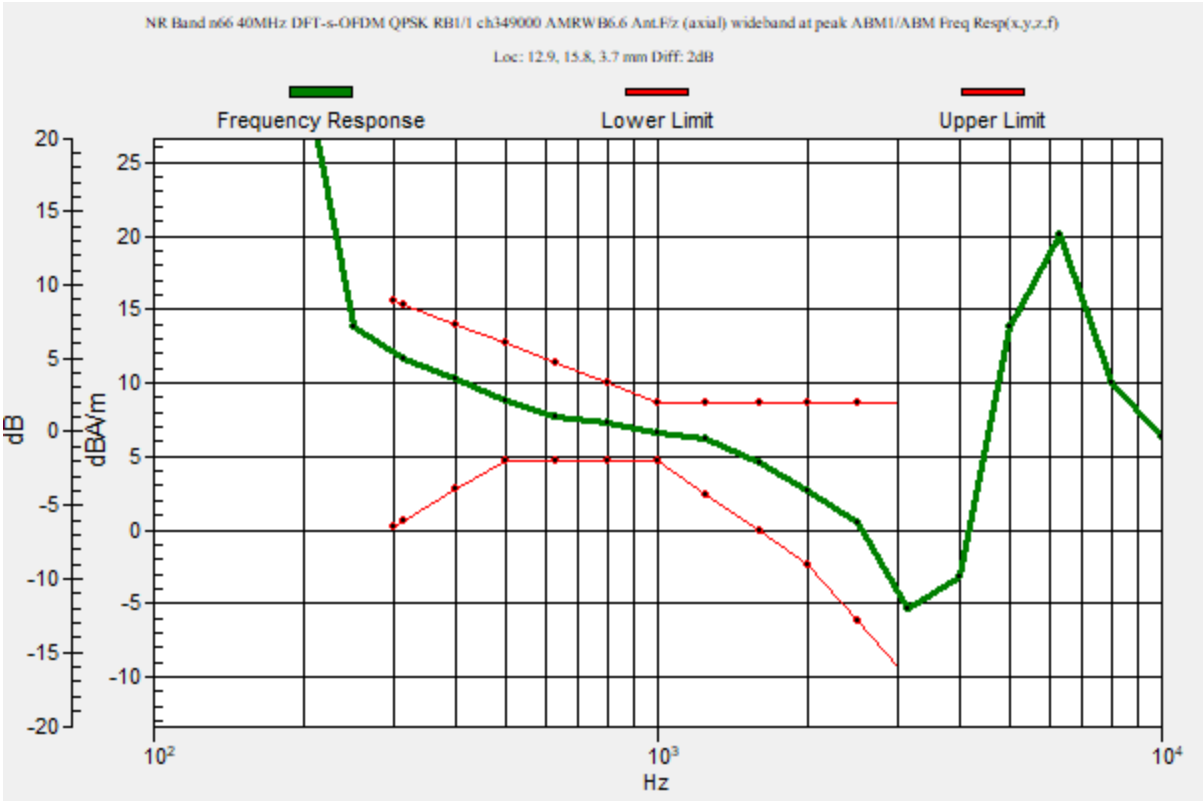
Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1745 MHz;Duty Cycle: 1:3.55877

T-Coil scan (scan for ANSI C63.19 2011 compliance)/NR Band n66 40MHz DFT-s-OFDM QPSK RB1/1 ch349000 AMRWB6.6 Ant.F/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: 29.78
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: 12.9, 15.8, 3.7 mm



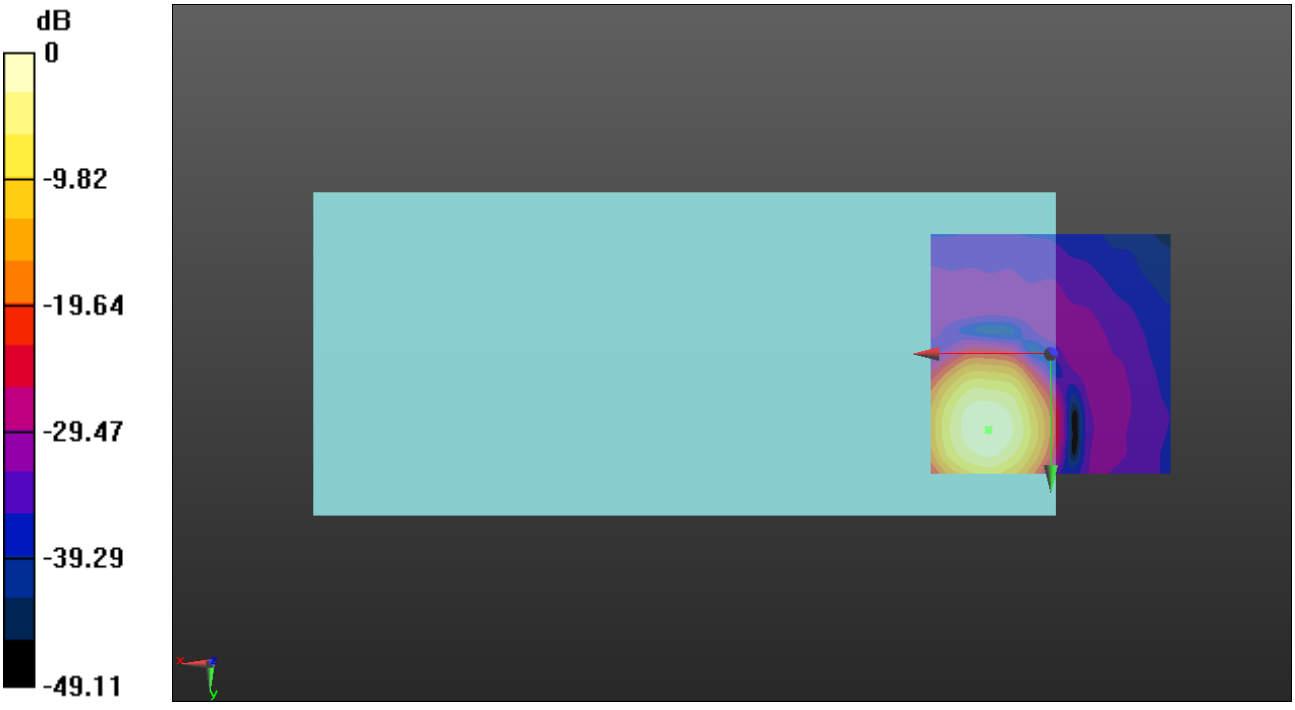
VoNR FDD

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 39.09 dB
ABM1 = 4.33 dBA/m
ABM2 = -34.76 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 15.8, 3.7 mm



0 dB = 1.646 A/m = 4.33 dBA/m

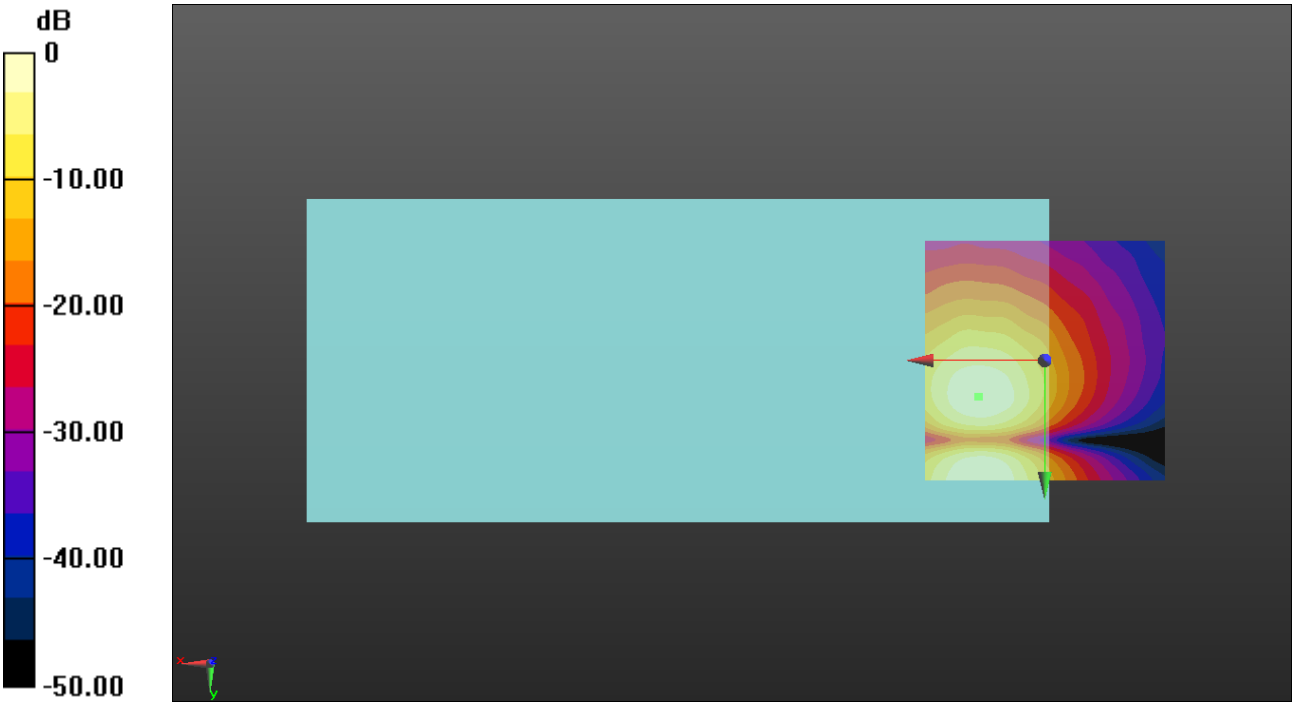
VoNR FDD

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 26.68 dB
ABM1 = -4.47 dBA/m
ABM2 = -31.15 dBA/m
BWC Factor = 0.16 dB
Location: 13.8, 7.5, 3.7 mm



0 dB = 0.6109 A/m = −4.28 dBA/m

VoNR FDD

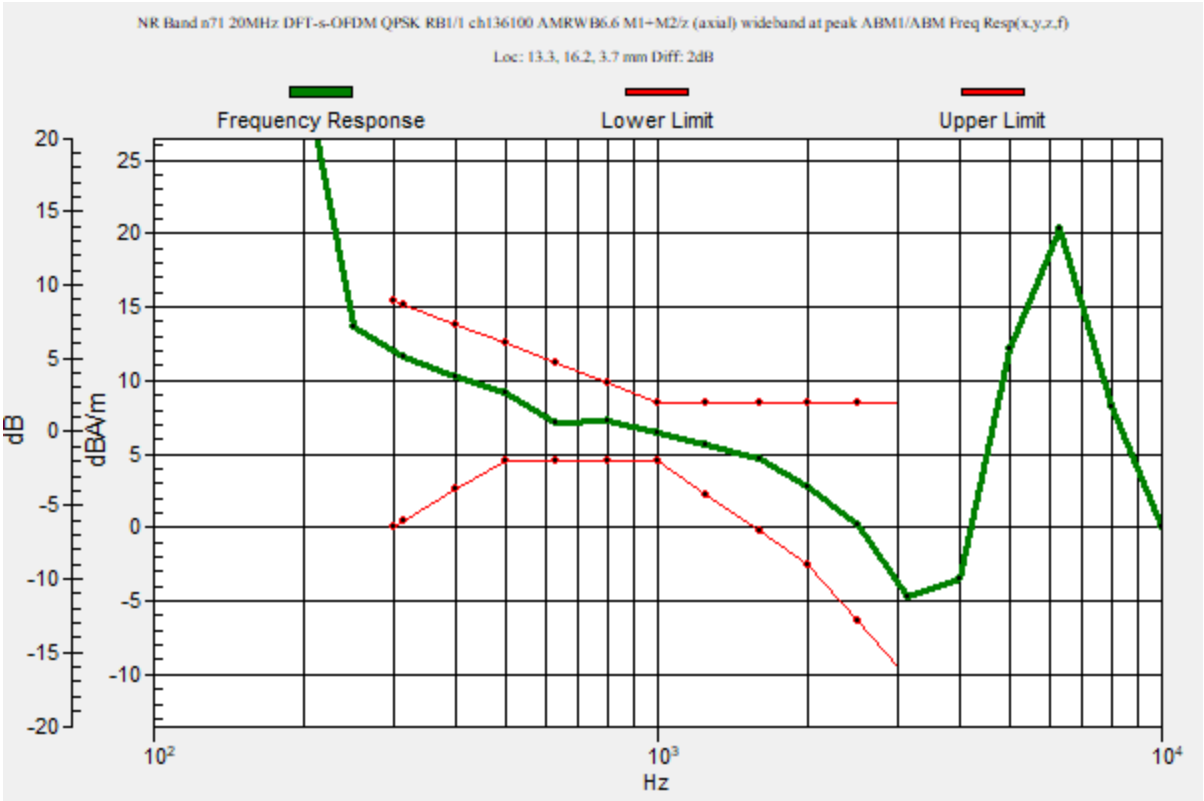
Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 680.5 MHz;Duty Cycle: 1:3.55795

T-Coil scan (scan for ANSI C63.19 2011 compliance)/NR Band n71 20MHz DFT-s-OFDM QPSK RB1/1 ch136100 AMRWB6.6 Ant.A+Ant.B/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: 29.78
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: 13.3, 16.2, 3.7 mm



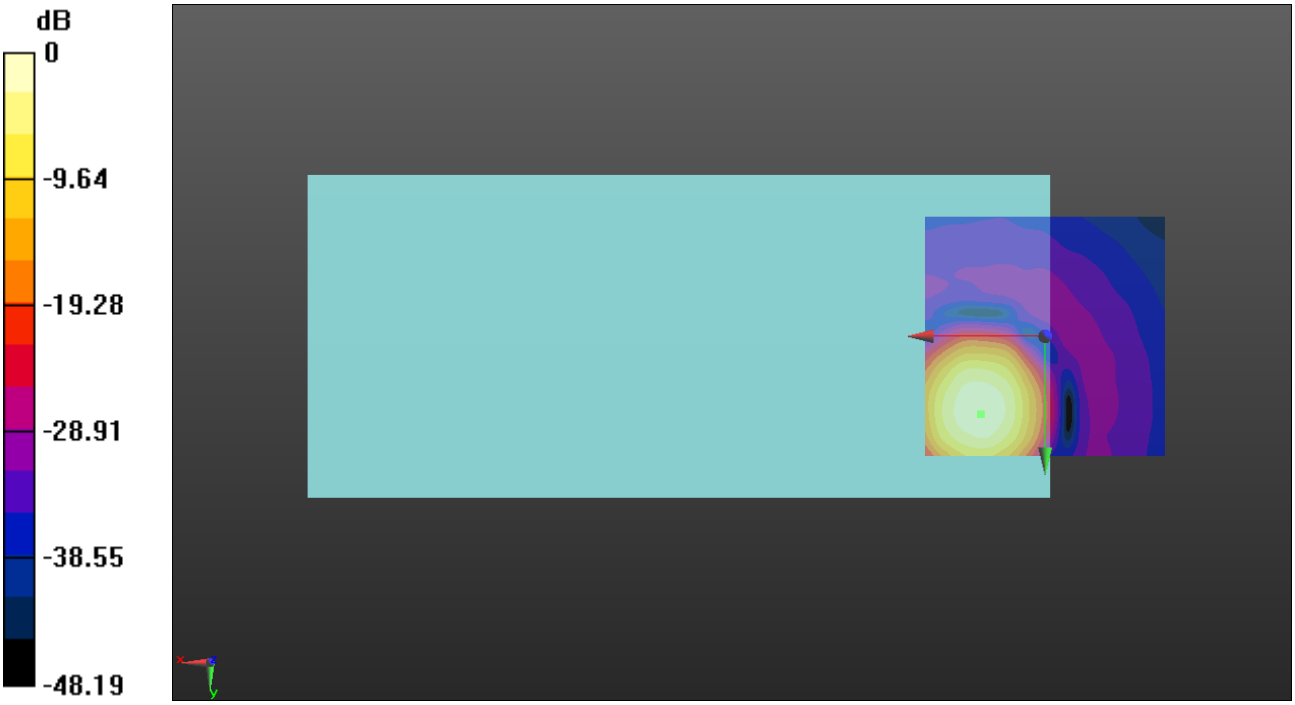
VoNR FDD

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 680.5 MHz;
Duty Cycle: 1:3.55795
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n71 20MHz DFT-s-OFDM QPSK RB1/1 ch136100 AMRWB6.6 Ant.A+Ant.B/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 46.78 dB
ABM1 = 4.14 dBA/m
ABM2 = -42.64 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 16.2, 3.7 mm



0 dB = 1.610 A/m = 4.14 dBA/m

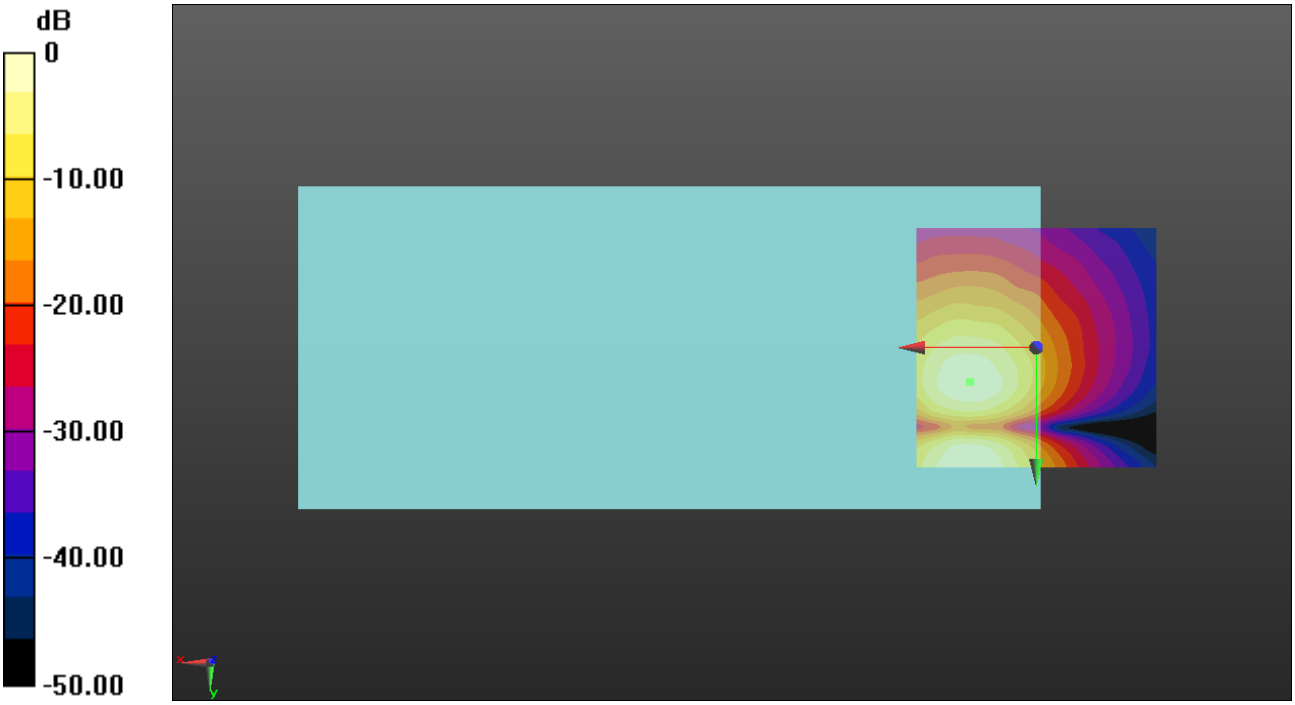
VoNR FDD

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 680.5 MHz;
Duty Cycle: 1:3.55795
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n71 20MHz DFT-s-OFDM QPSK RB1/1 ch136100 AMRWB6.6 Ant.A+Ant.B/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 33.07 dB
ABM1 = -4.36 dBA/m
ABM2 = -37.43 dBA/m
BWC Factor = 0.16 dB
Location: 13.8, 7.1, 3.7 mm



0 dB = 0.6421 A/m = −3.85 dBA/m

VoNR TDD

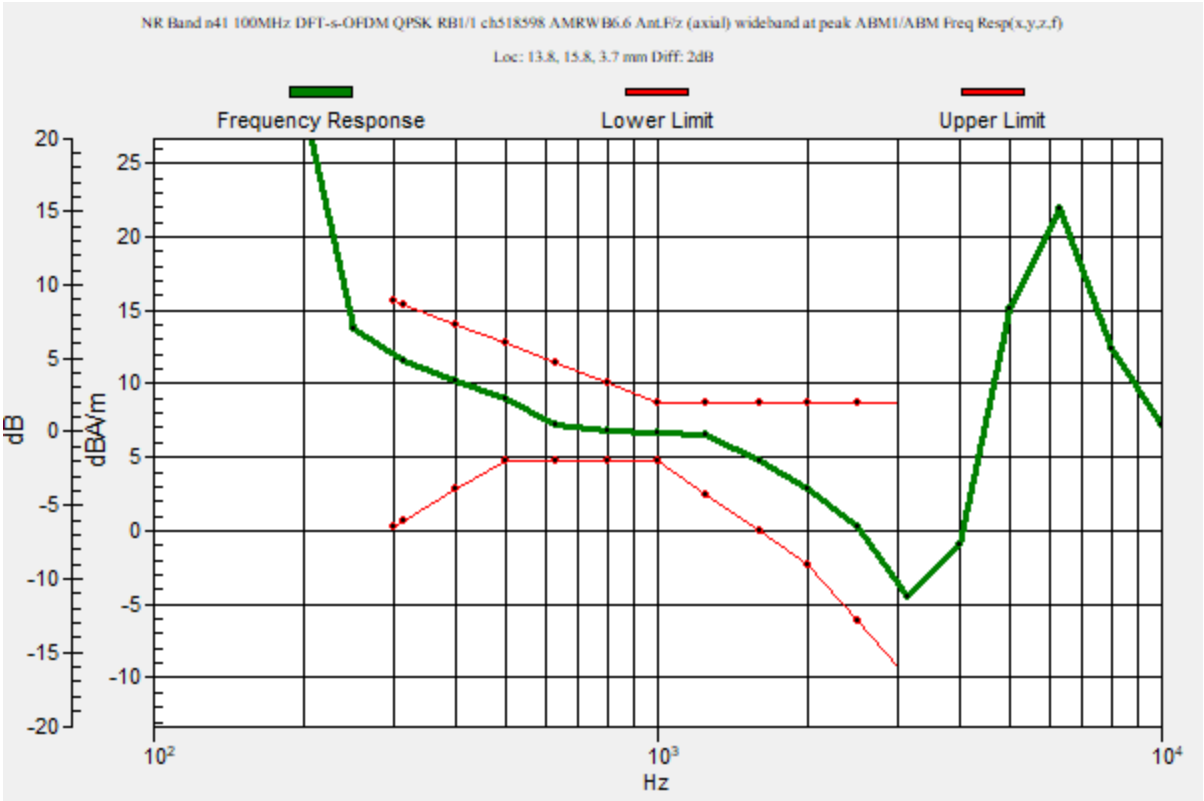
Communication System: UID 10973 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz;Duty Cycle: 1:8.05008

T-Coil scan (scan for ANSI C63.19 2011 compliance)/NR Band n41 100MHz DFT-s-OFDM QPSK RB1/1 ch518598 AMRWB6.6 Ant.F/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: 29.78
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: 13.8, 15.8, 3.7 mm



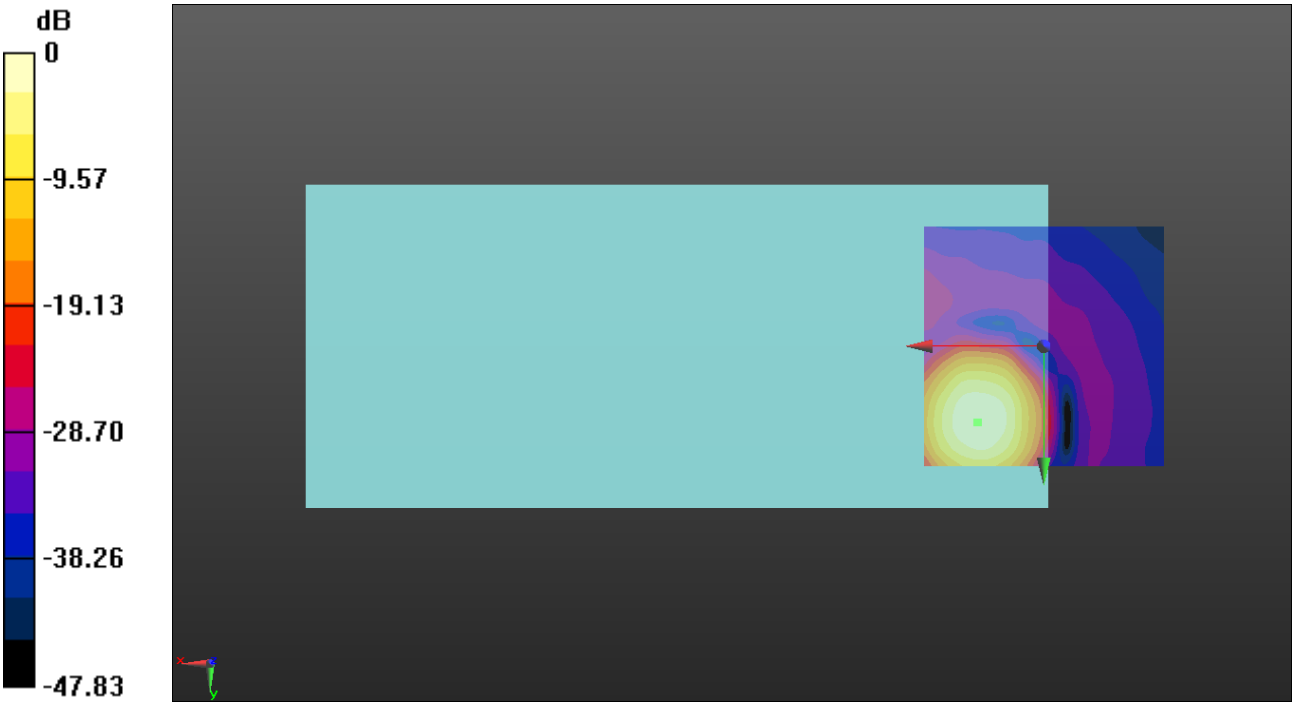
VoNR TDD

Communication System: UID 10973 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz;
Duty Cycle: 1:8.05008
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n41 100MHz DFT-s-OFDM QPSK RB1/1 ch518598 AMRWB6.6 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 33.16 dB
ABM1 = 4.04 dBA/m
ABM2 = -29.12 dBA/m
BWC Factor = 0.16 dB
Location: 13.8, 15.8, 3.7 mm



0 dB = 1.592 A/m = 4.04 dBA/m

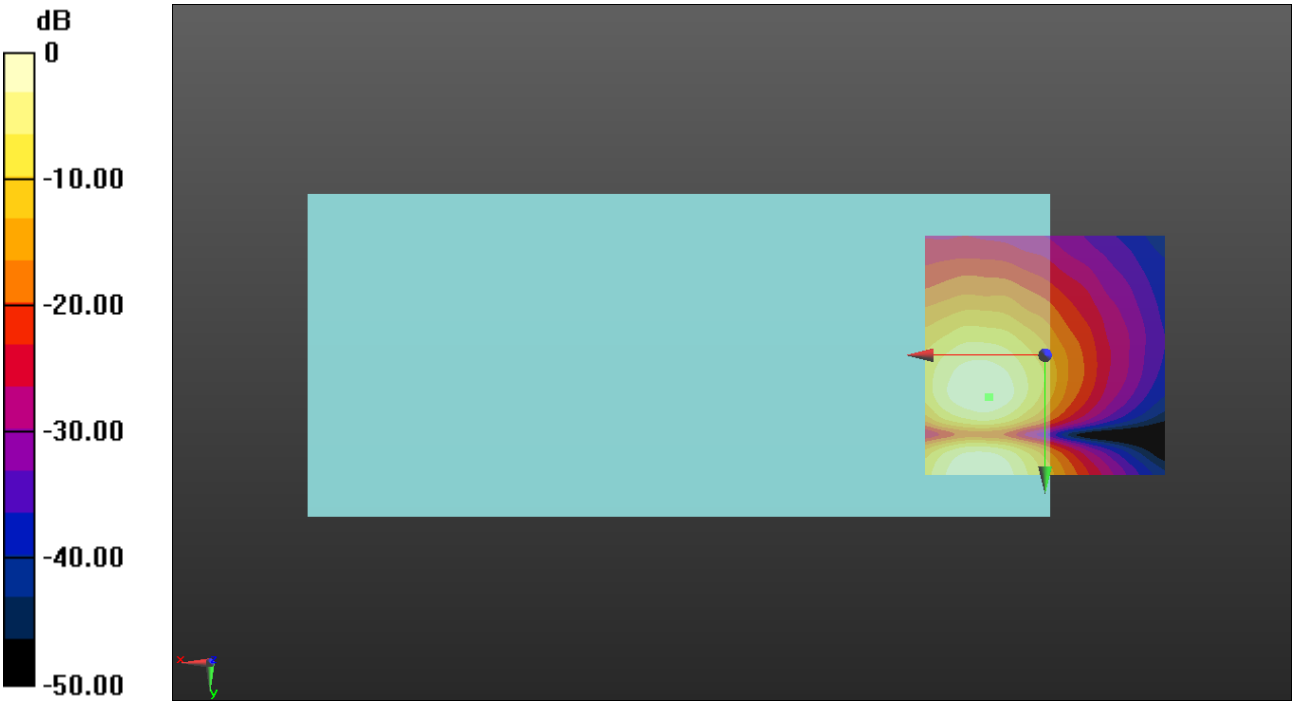
VoNR TDD

Communication System: UID 10973 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz;
Duty Cycle: 1:8.05008
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n41 100MHz DFT-s-OFDM QPSK RB1/1 ch518598 AMRWB6.6 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 23.94dB
ABM1 = -4.68 dBA/m
ABM2 = -28.62 dBA/m
BWC Factor = 0.16 dB
Location: 11.7, 8.7, 3.7 mm



0 dB = 0.6244 A/m = −4.09 dBA/m

VoNR TDD

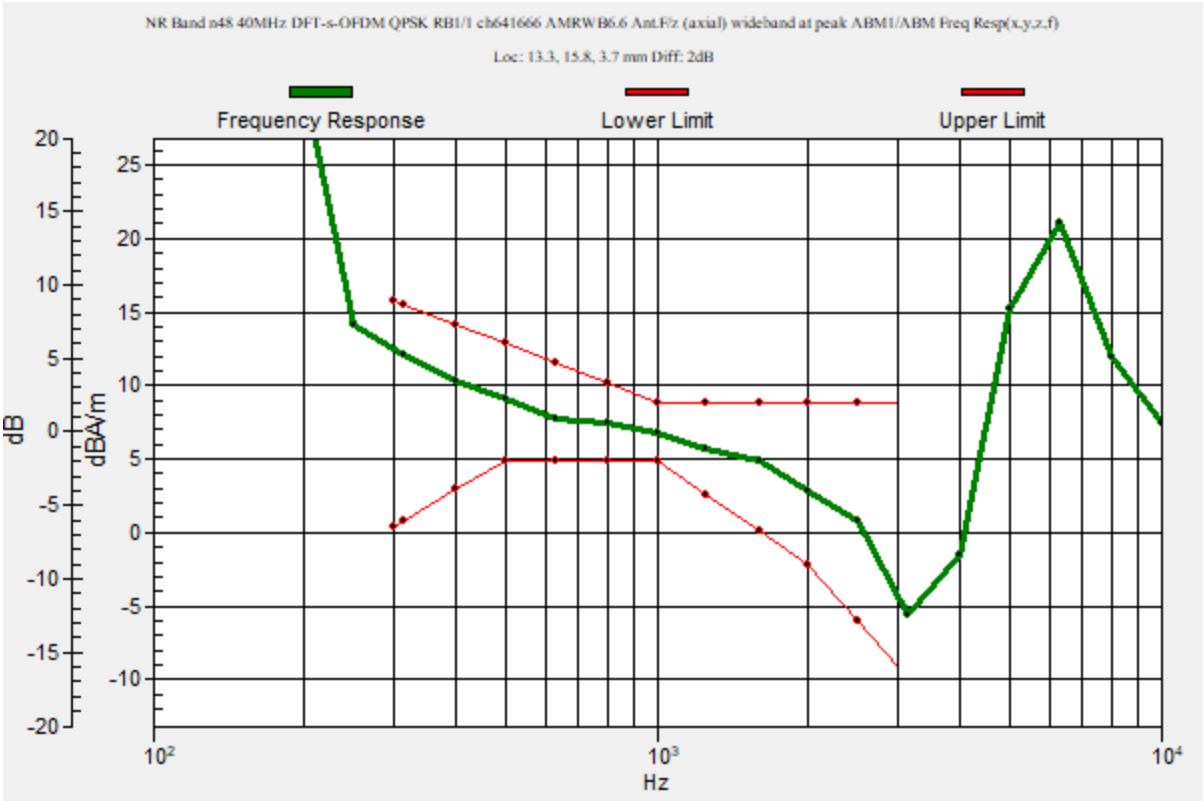
Communication System: UID 10903 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz); Frequency: 3624.99 MHz;Duty Cycle: 1:3.69999

T-Coil scan (scan for ANSI C63.19 2011 compliance)/NR Band n48 40MHz DFT-s-OFDM QPSK RB1/1 ch641666 AMRWB6.6 Ant.F/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: 29.78
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: 13.3, 15.8, 3.7 mm



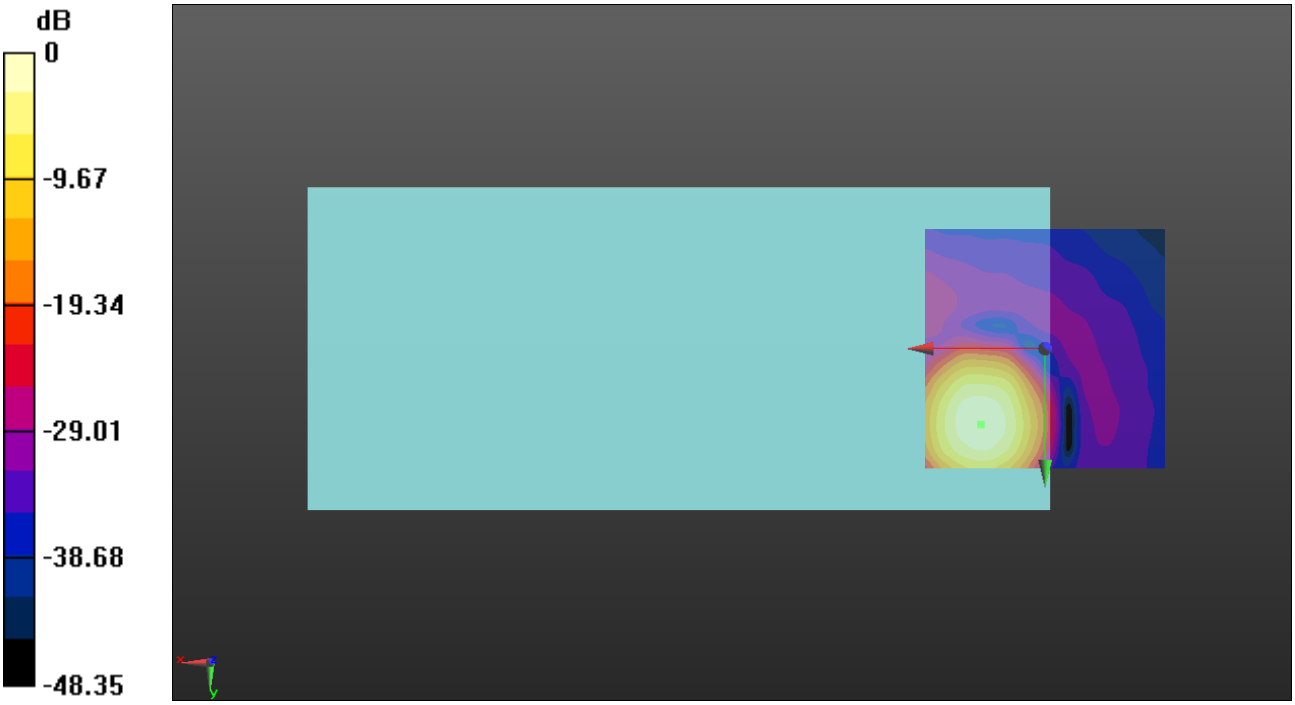
VoNR TDD

Communication System: UID 10903 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz); Frequency: 3624.99 MHz;
Duty Cycle: 1:3.69999
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 33.26 dB \
ABM1 = 4.47 dBA/m
ABM2 = -28.79 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 15.8, 3.7 mm



0 dB = 1.673 A/m = 4.47 dBA/m

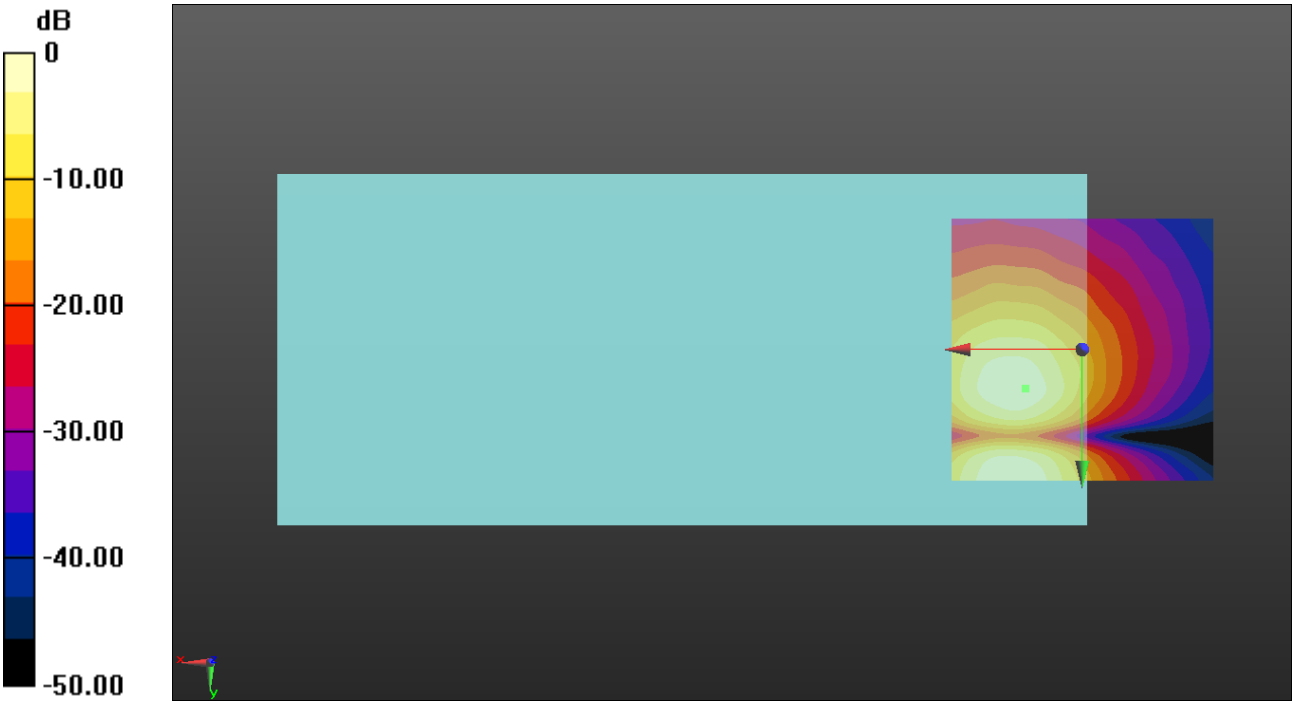
VoNR TDD

Communication System: UID 10903 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz); Frequency: 3624.99 MHz;
Duty Cycle: 1:3.69999
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 24.86 dB
ABM1 = -4.54 dBA/m
ABM2 = -29.40 dBA/m
BWC Factor = 0.16 dB
Location: 10.8, 7.5, 3.7 mm



0 dB = 0.6430 A/m = −3.84 dBA/m

VoNR TDD

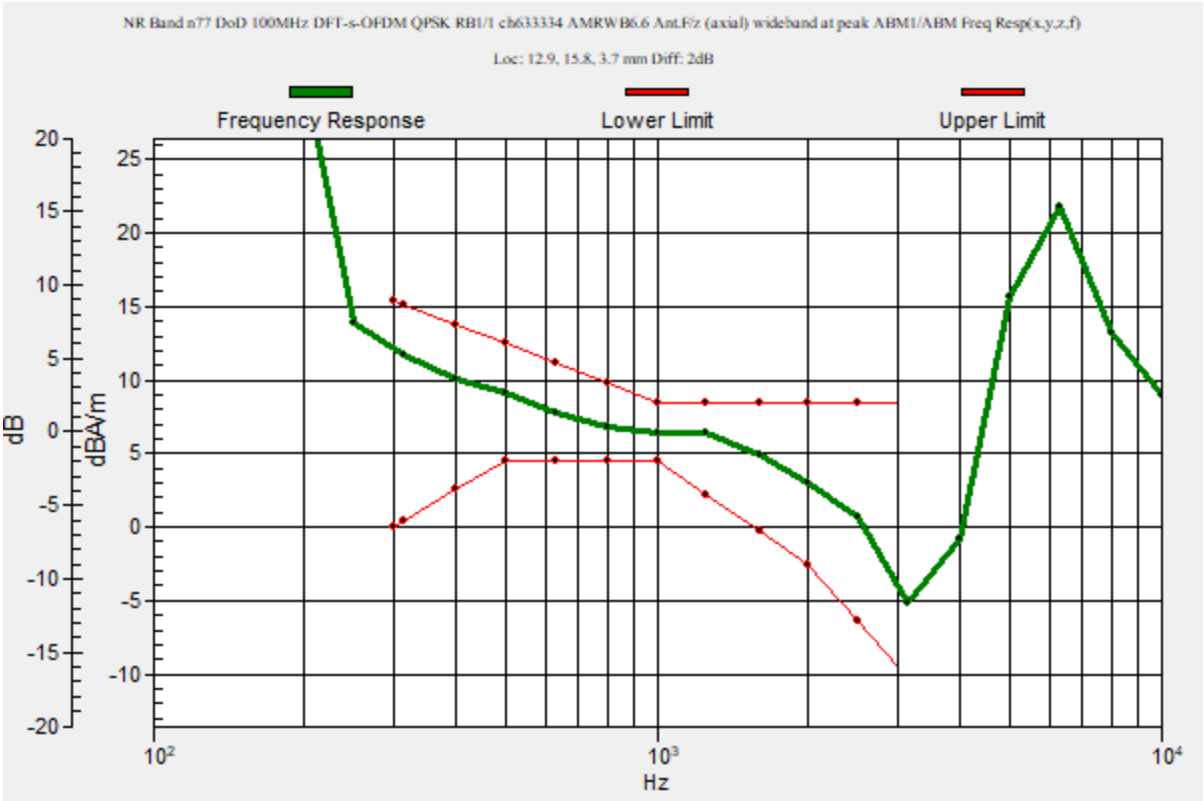
Communication System: UID 10866 - AAF, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3500.01 MHz;Duty Cycle: 1:3.69913

T-Coil scan (scan for ANSI C63.19 2011 compliance)/NR Band n77 DoD 100MHz DFT-s-OFDM QPSK RB1/1 ch633334 AMRWB6.6 Ant.F/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: 29.78
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: 12.9, 15.8, 3.7 mm



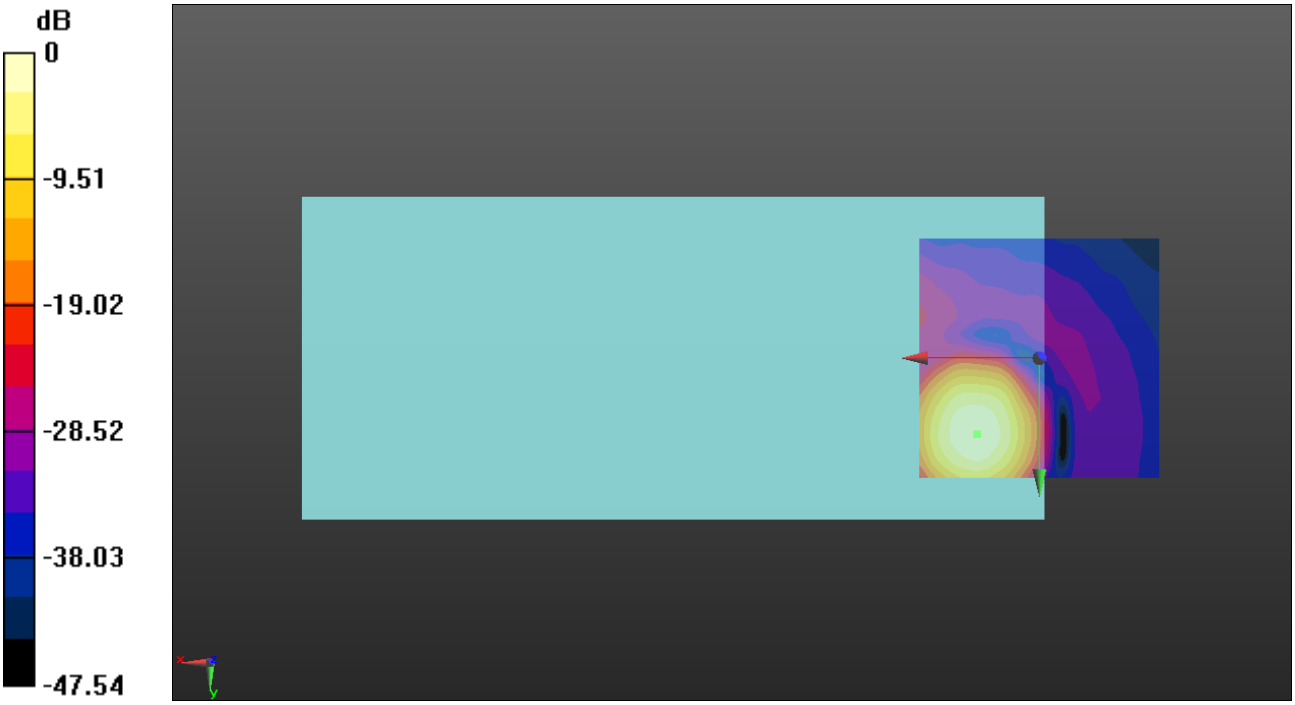
VoNR TDD

Communication System: UID 10866 - AAF, 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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 31.70 dB
ABM1 = 4.28 dBA/m
ABM2 = -27.42 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 15.8, 3.7 mm



0 dB = 1.637 A/m = 4.28 dBA/m

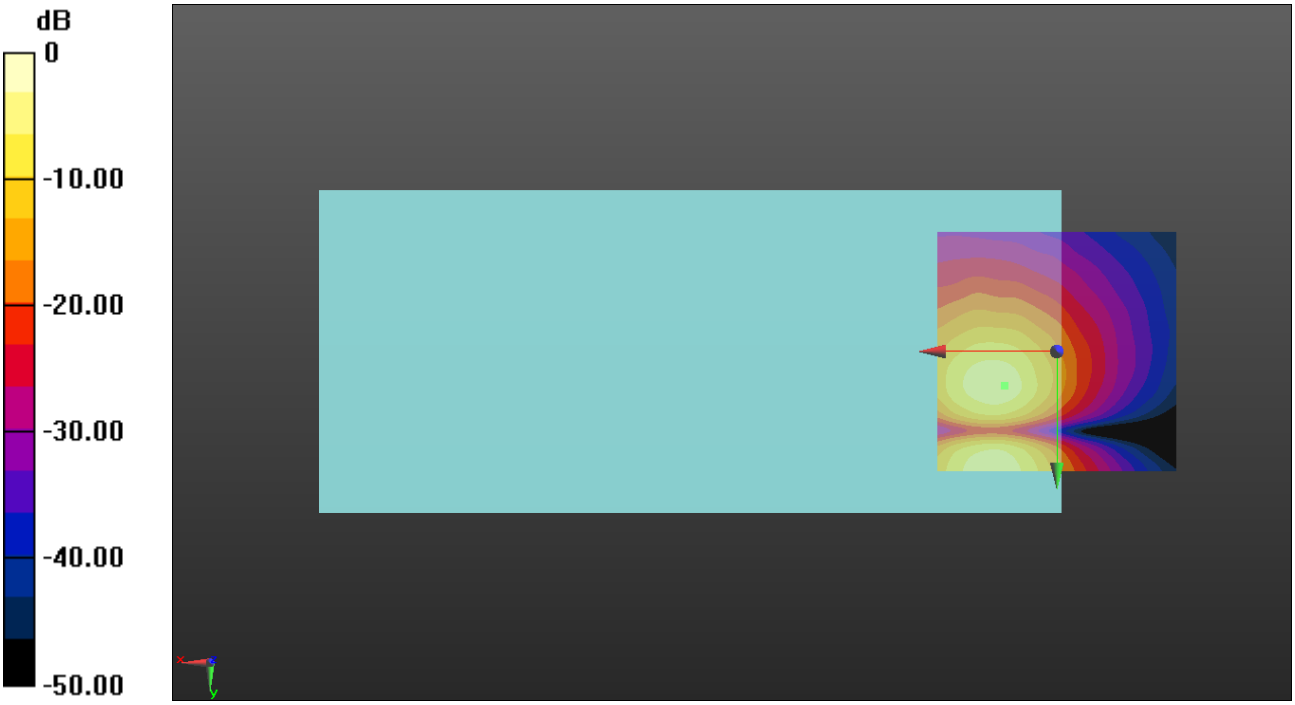
VoNR TDD

Communication System: UID 10866 - AAF, 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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 23.96dB
ABM1 = -4.76 dBA/m
ABM2 = -28.72 dBA/m
BWC Factor = 0.16 dB
Location: 10.8, 7.1, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

VoNR TDD

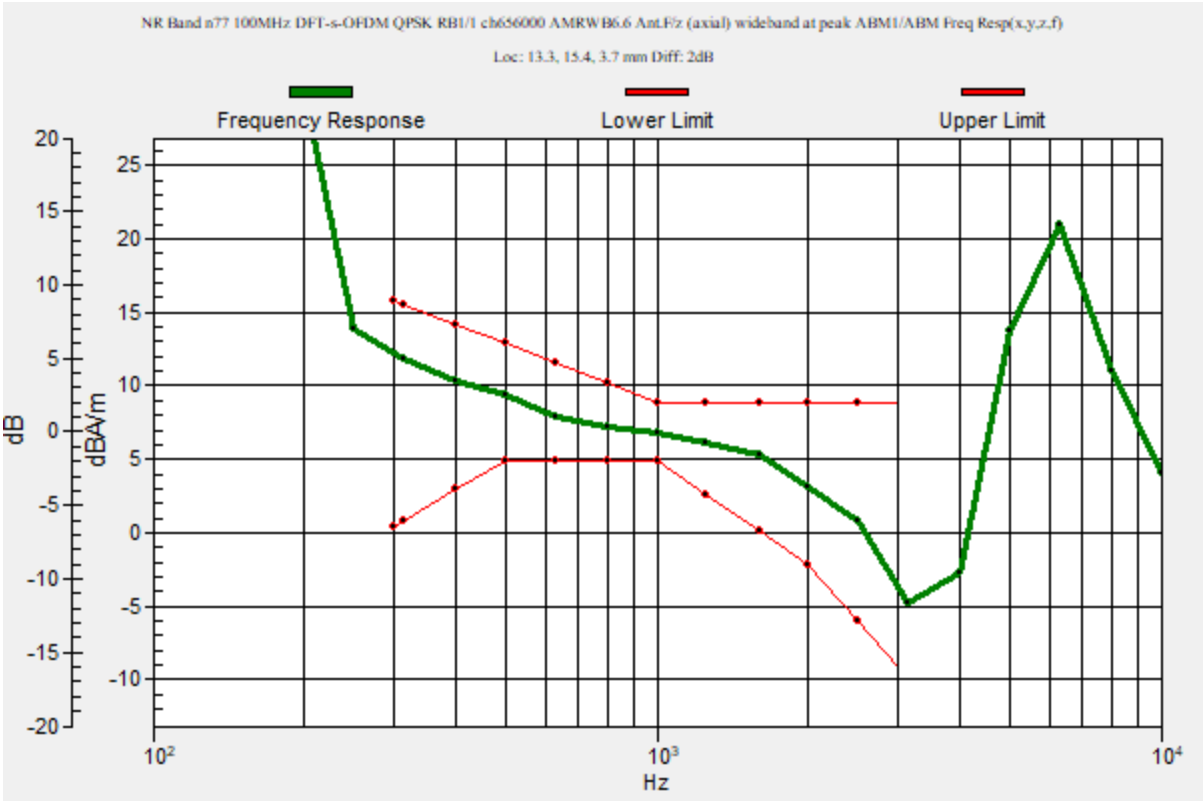
Communication System: UID 10866 - AAF, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3840 MHz;Duty Cycle: 1:3.69913

T-Coil scan (scan for ANSI C63.19 2011 compliance)/NR Band n77 100MHz DFT-s-OFDM QPSK RB1/1 ch656000 AMRWB6.6 Ant.F/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: 29.78
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: 13.3, 15.4, 3.7 mm



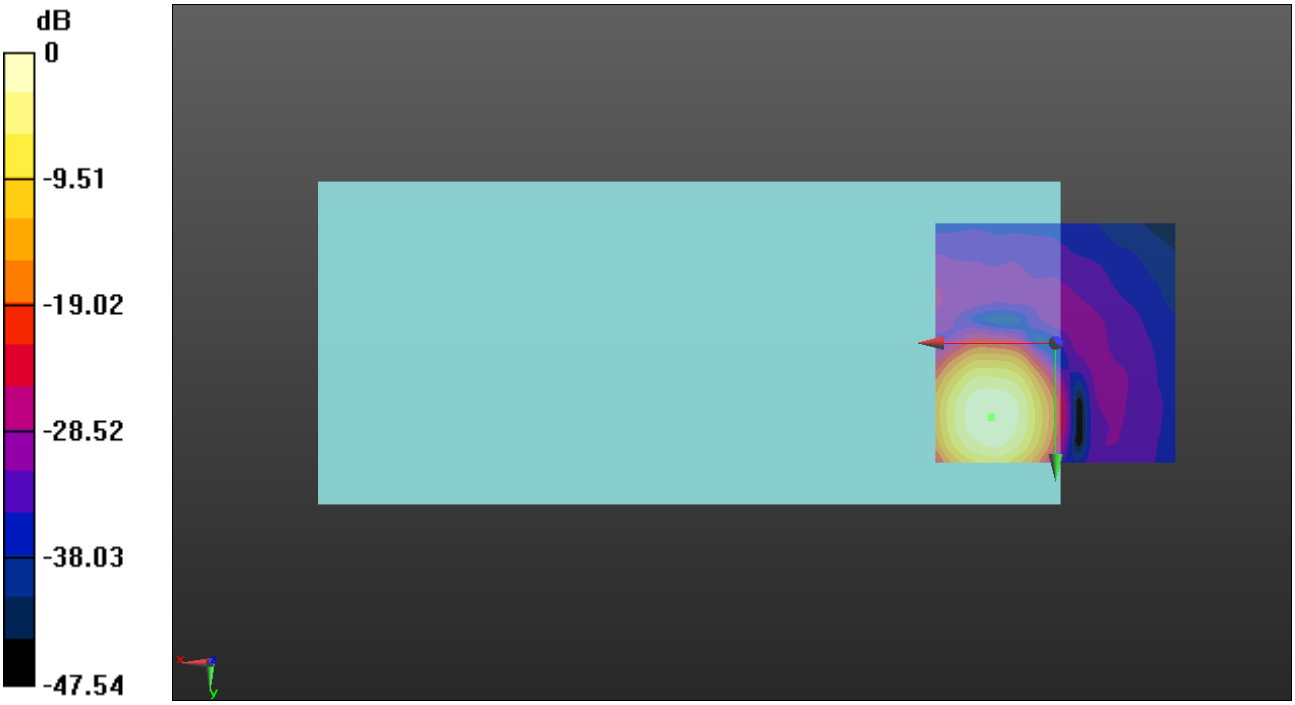
VoNR TDD

Communication System: UID 10866 - AAF, 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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 36.08 dB
ABM1 = 3.81 dBA/m
ABM2 = -32.27 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 15.4, 3.7 mm



0 dB = 1.551 A/m = 3.81 dBA/m

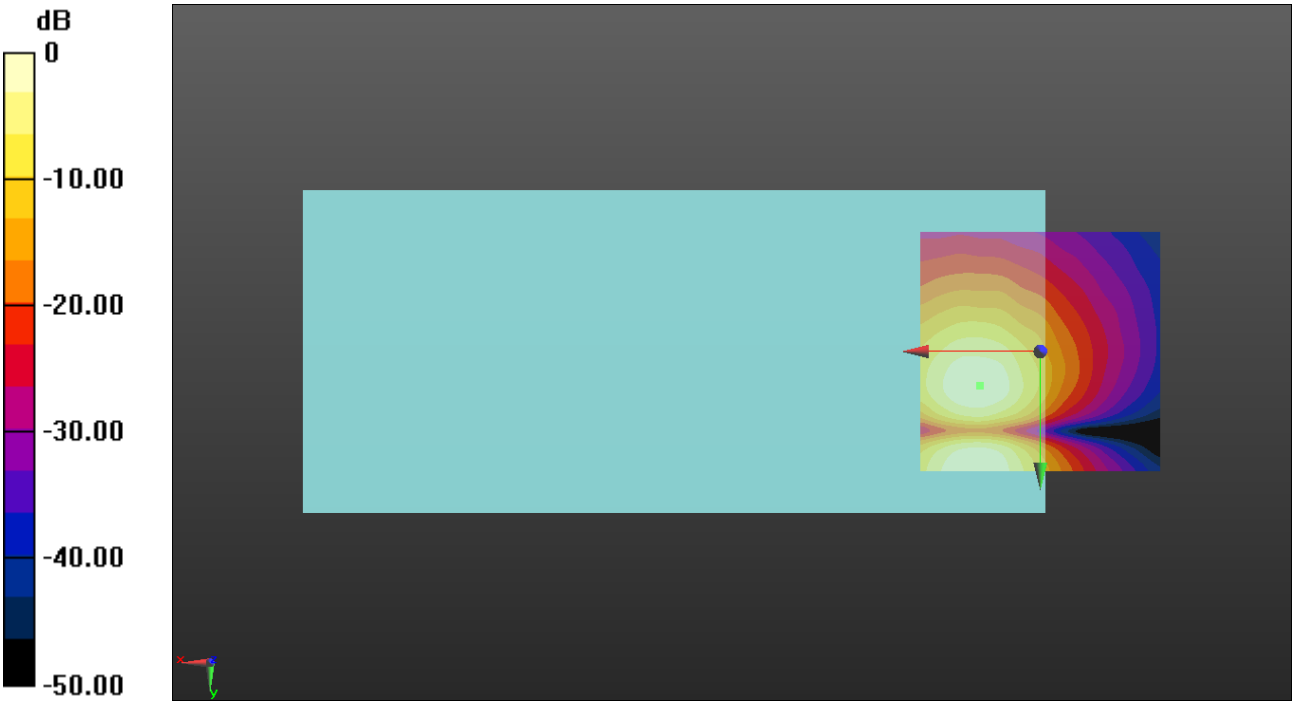
VoNR TDD

Communication System: UID 10866 - AAF, 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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 26.24 dB
ABM1 = -4.79 dBA/m
ABM2 = -31.03 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 7.1, 3.7 mm



0 dB = 0.6198 A/m = −4.15 dBA/m

VoWiFi

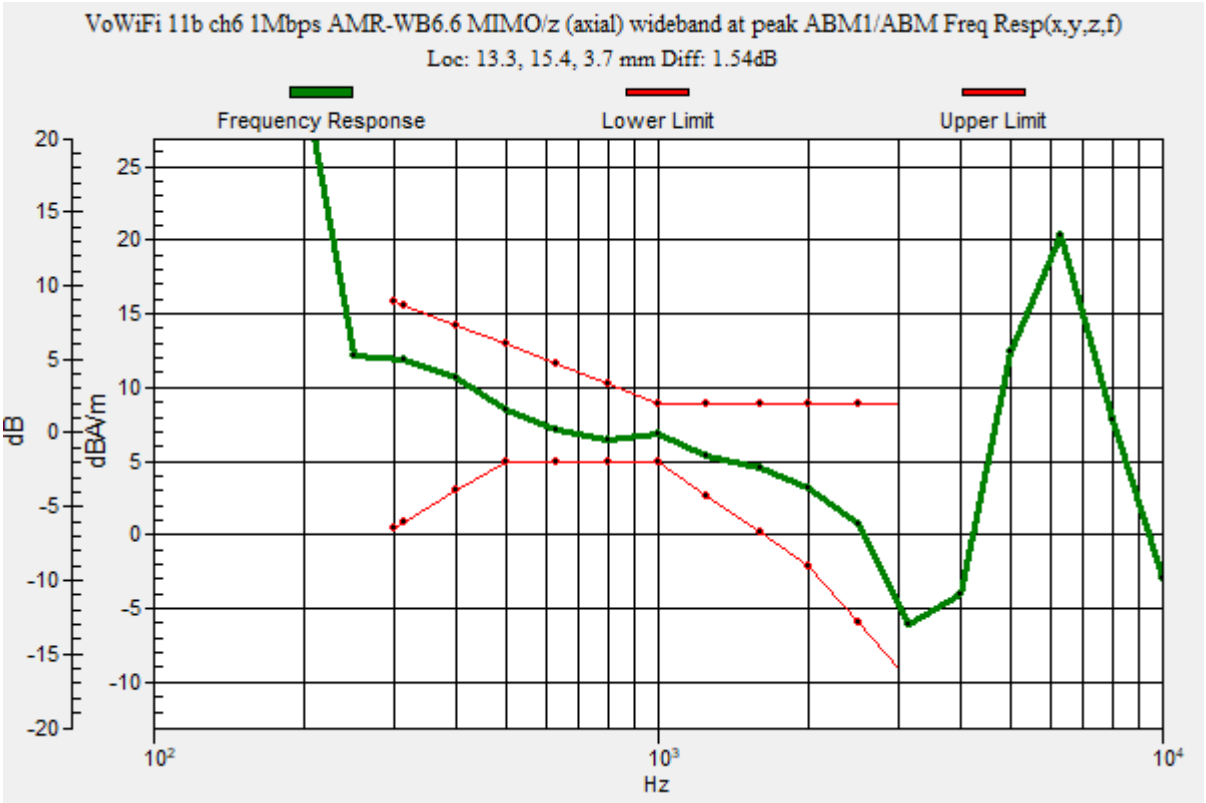
Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/VoWiFi 11b ch6 1Mbps AMR-WB6.6 MIMO/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: 29.78
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 = 1.54 dB
BWC Factor = 10.80 dB
Location: 13.3, 15.4, 3.7 mm



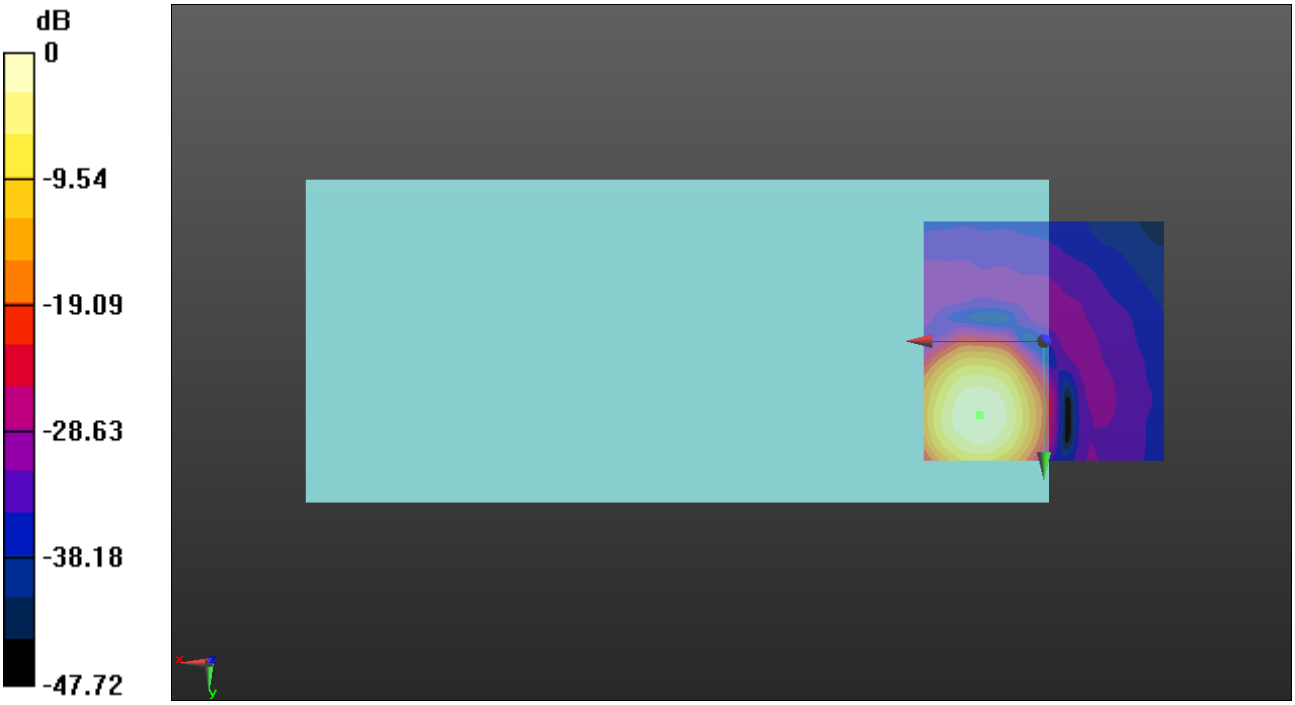
VoWiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6 MIMO/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 46.52 dB
ABM1 = 4.83 dBA/m
ABM2 = -41.69 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 15.4, 3.7 mm



0 dB = 1.745 A/m = 4.84 dBA/m

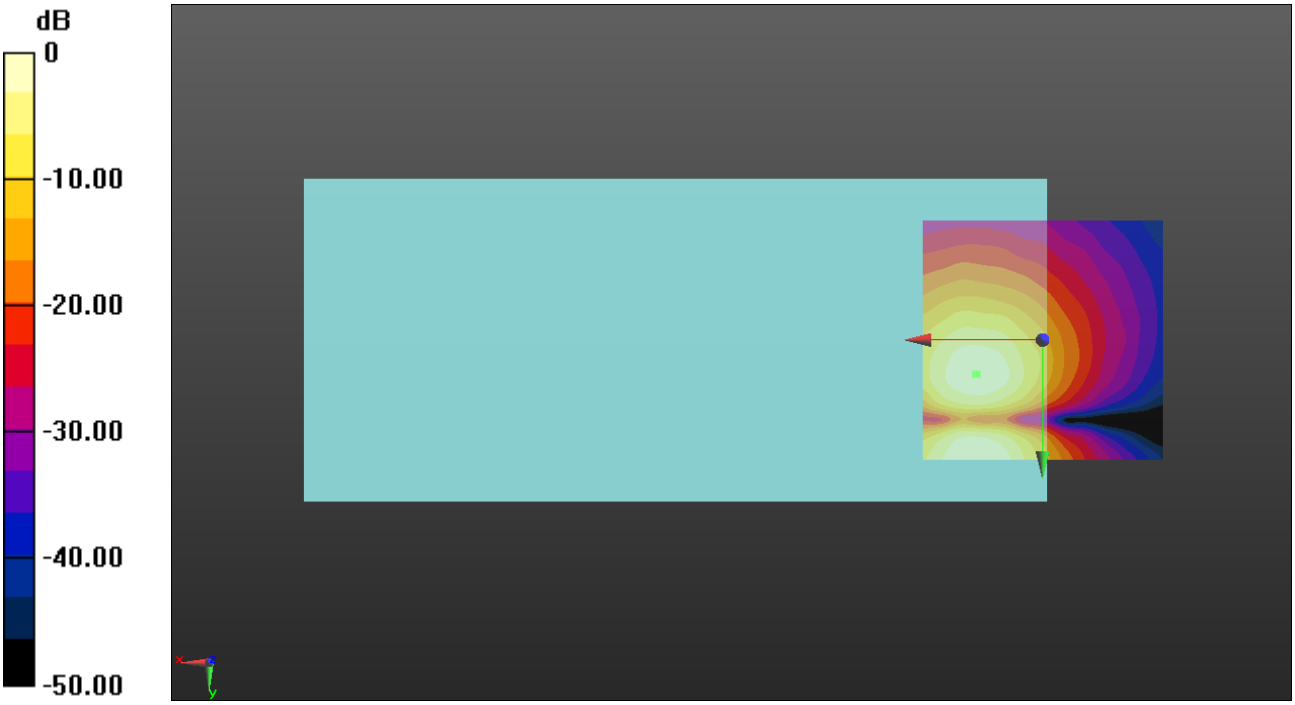
VoWiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6 MIMO/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 31.13 dB
ABM1 = -3.43 dBA/m
ABM2 = -34.56 dBA/m
BWC Factor = 0.16 dB
Location: 13.8, 7.1, 3.7 mm



0 dB = 0.7099 A/m = −2.98 dBA/m

VoWiFi

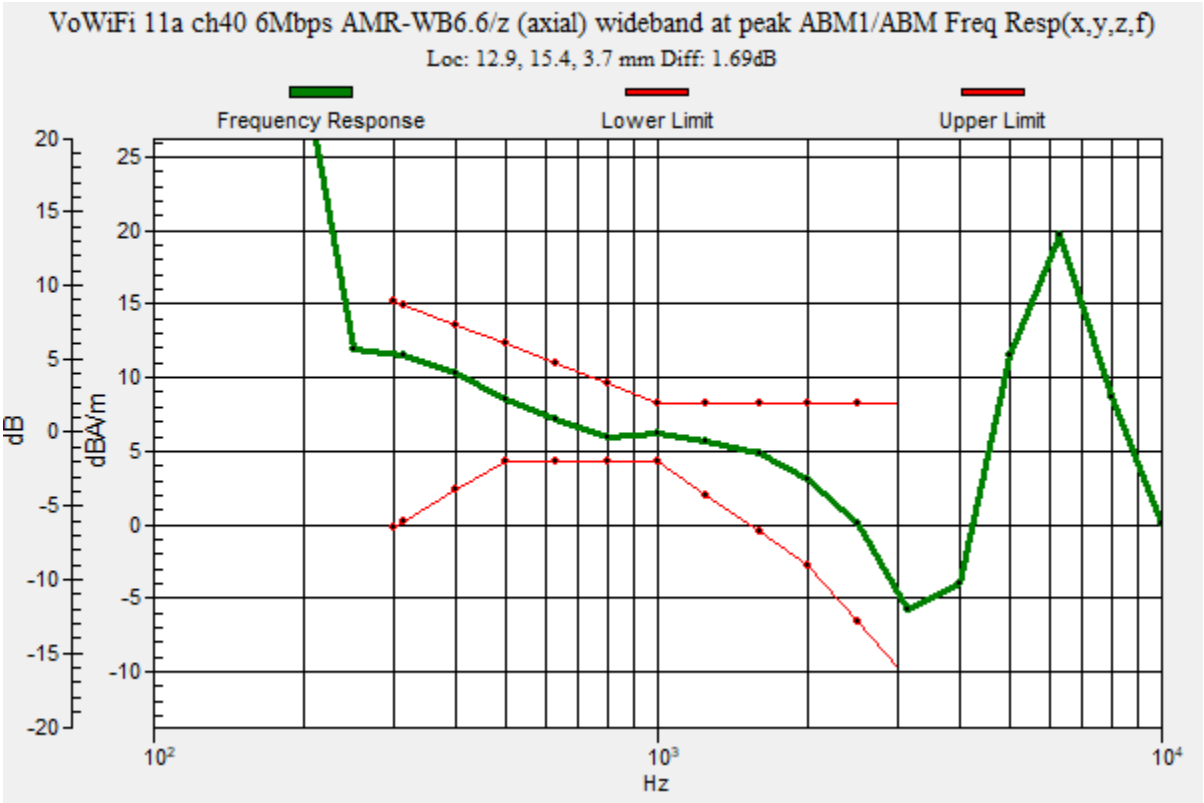
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5200 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/VoWiFi 11a ch40 6Mbps AMR-WB6.6/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: 29.78
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 = 1.69 dB
BWC Factor = 10.80 dB
Location: 12.9, 15.4, 3.7 mm



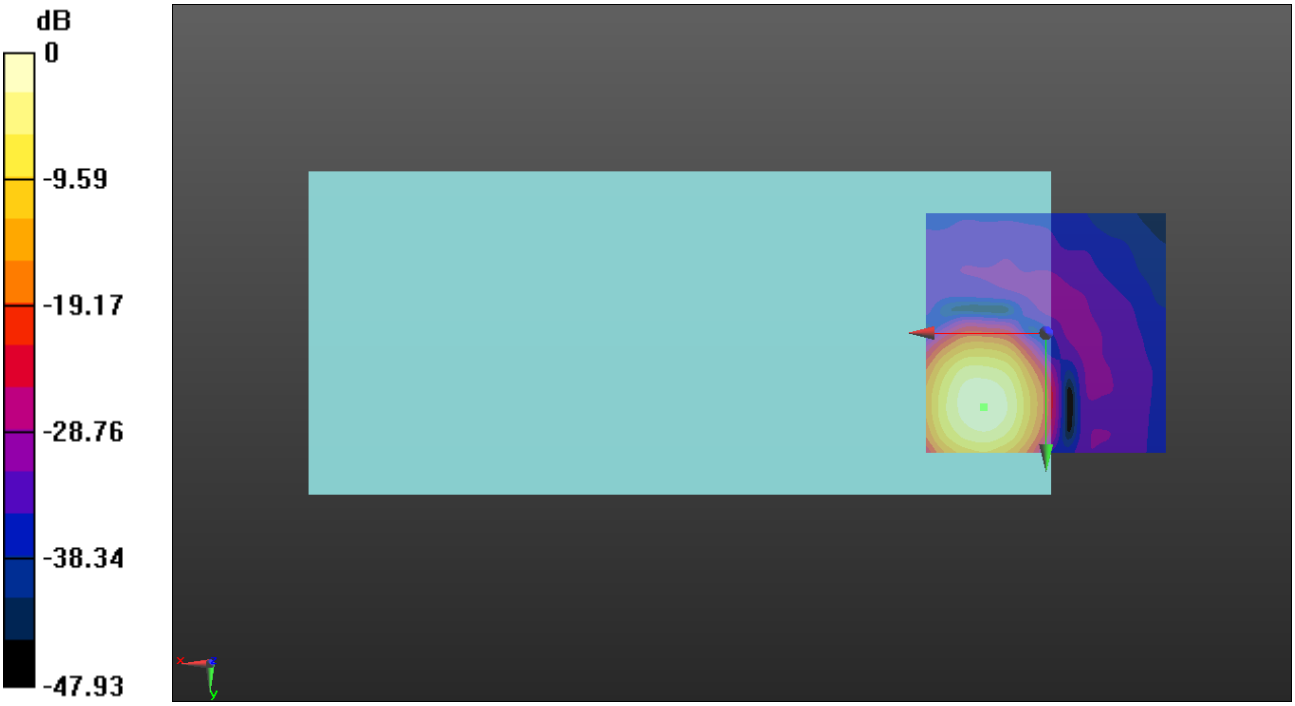
VoWiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 51.01 dB
ABM1 = 5.22 dBA/m
ABM2 = -45.79 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 15.4, 3.7 mm



0 dB = 1.823 A/m = 5.22 dBA/m

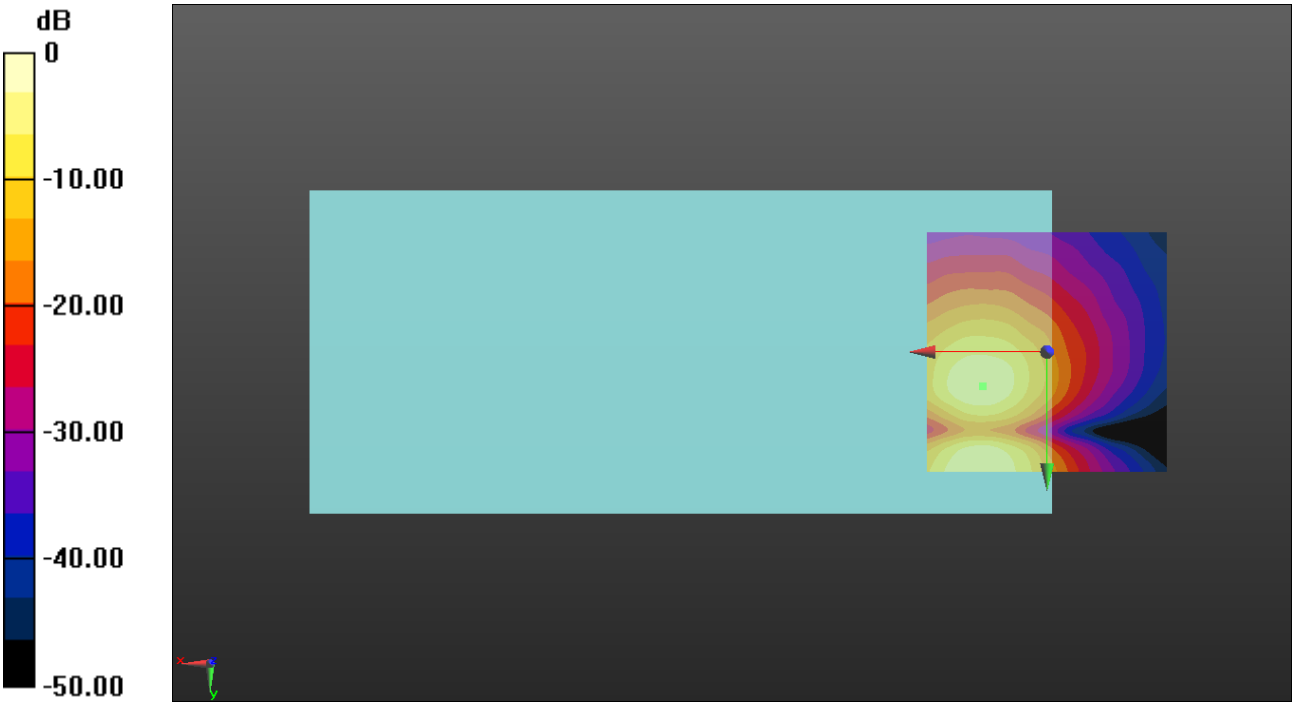
VoWiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 36.27 dB
ABM1 = -3.34 dBA/m
ABM2 = -39.61 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 7.1, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

VoWiFi

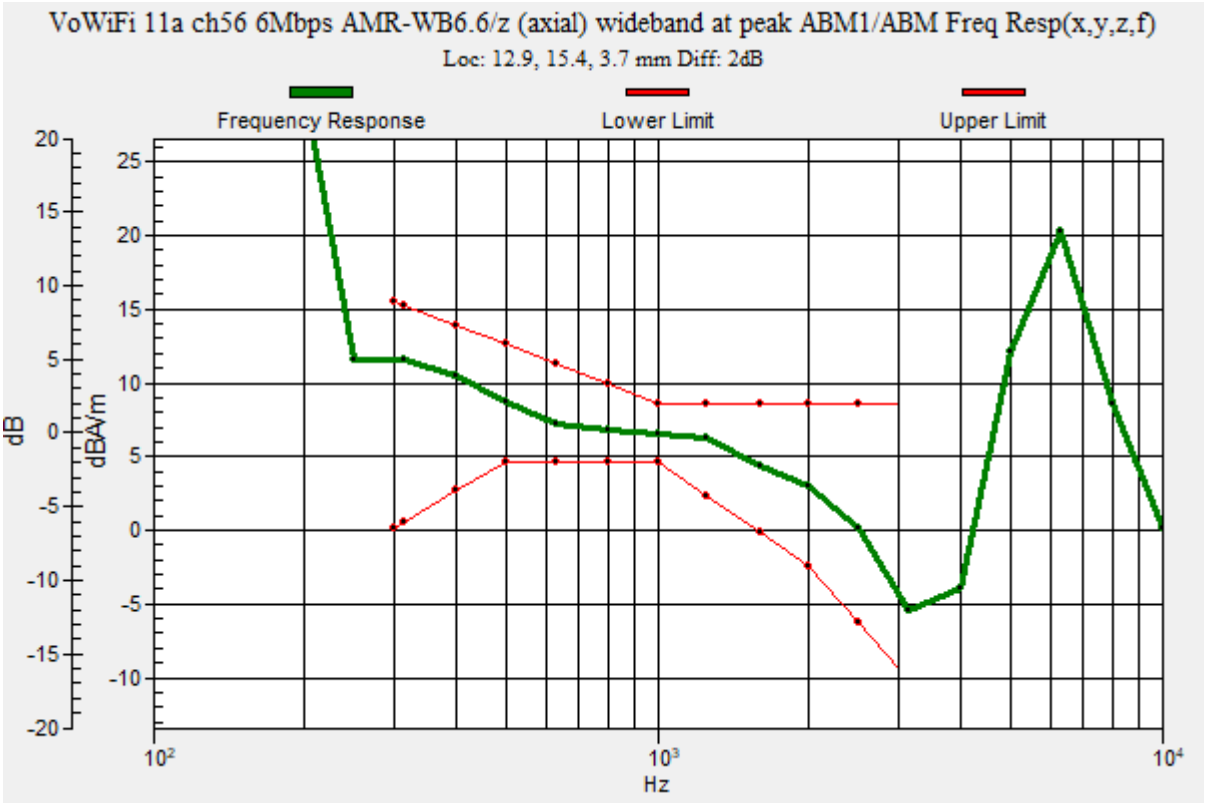
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5280 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/VoWiFi 11a ch56 6Mbps AMR-WB6.6/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: 29.78
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: 12.9, 15.4, 3.7 mm



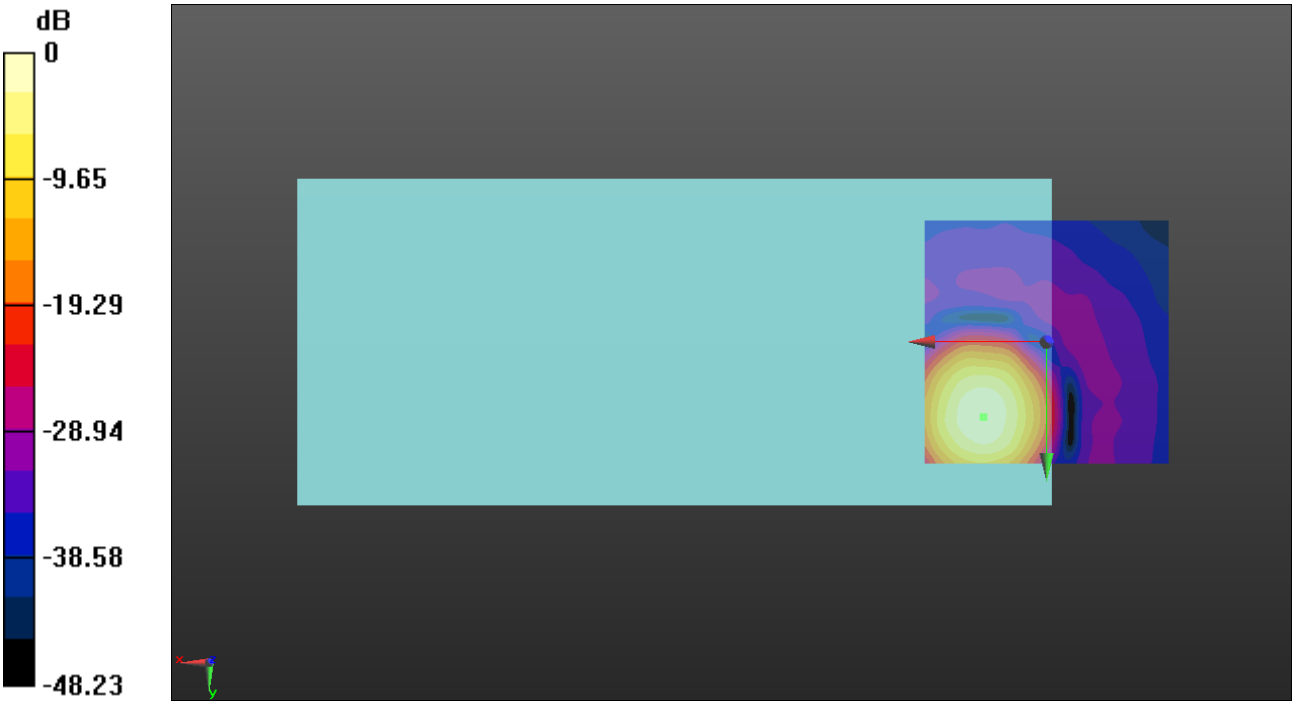
VoWiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Dev ice Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 52.29 dB
ABM1 = 5.27 dBA/m
ABM2 = -47.02 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 15.4, 3.7 mm



0 dB = 1.834 A/m = 5.27 dBA/m

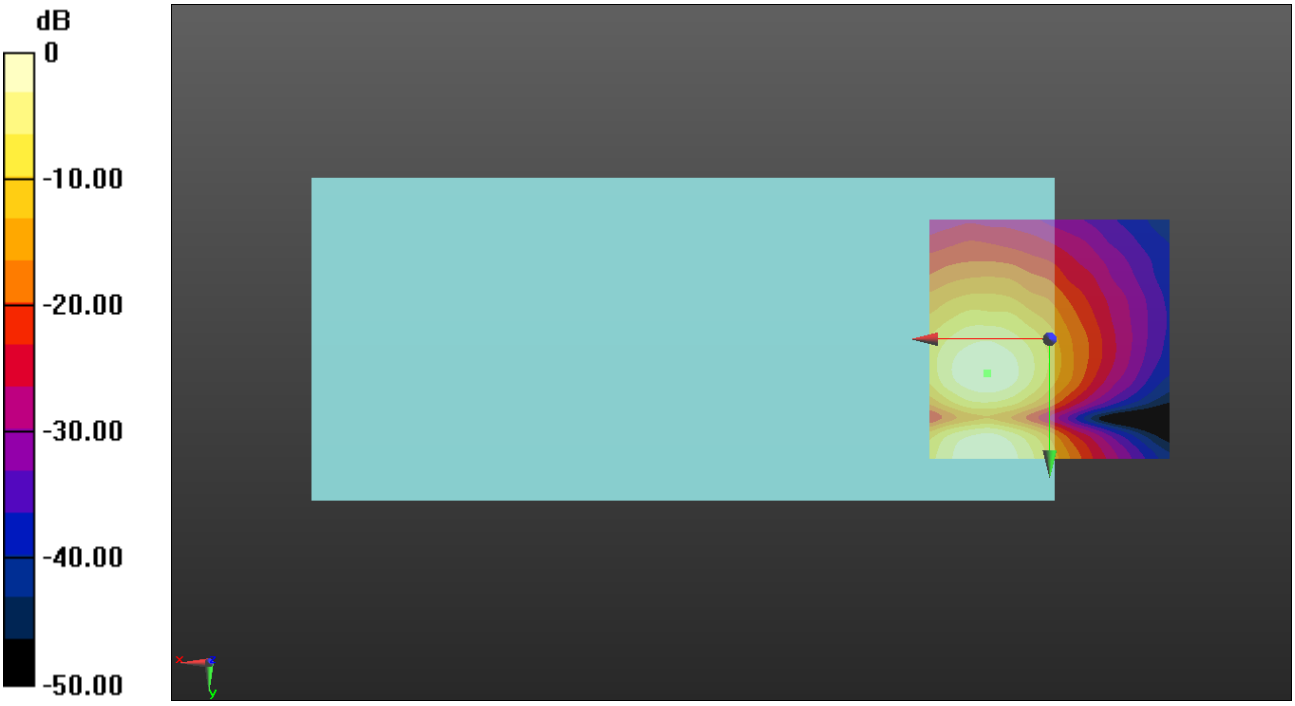
VoWiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 39.54 dB
ABM1 = -3.12 dBA/m
ABM2 = -42.66 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.1, 3.7 mm



0 dB = 0.7021 A/m = −3.07 dBA/m

VoWiFi

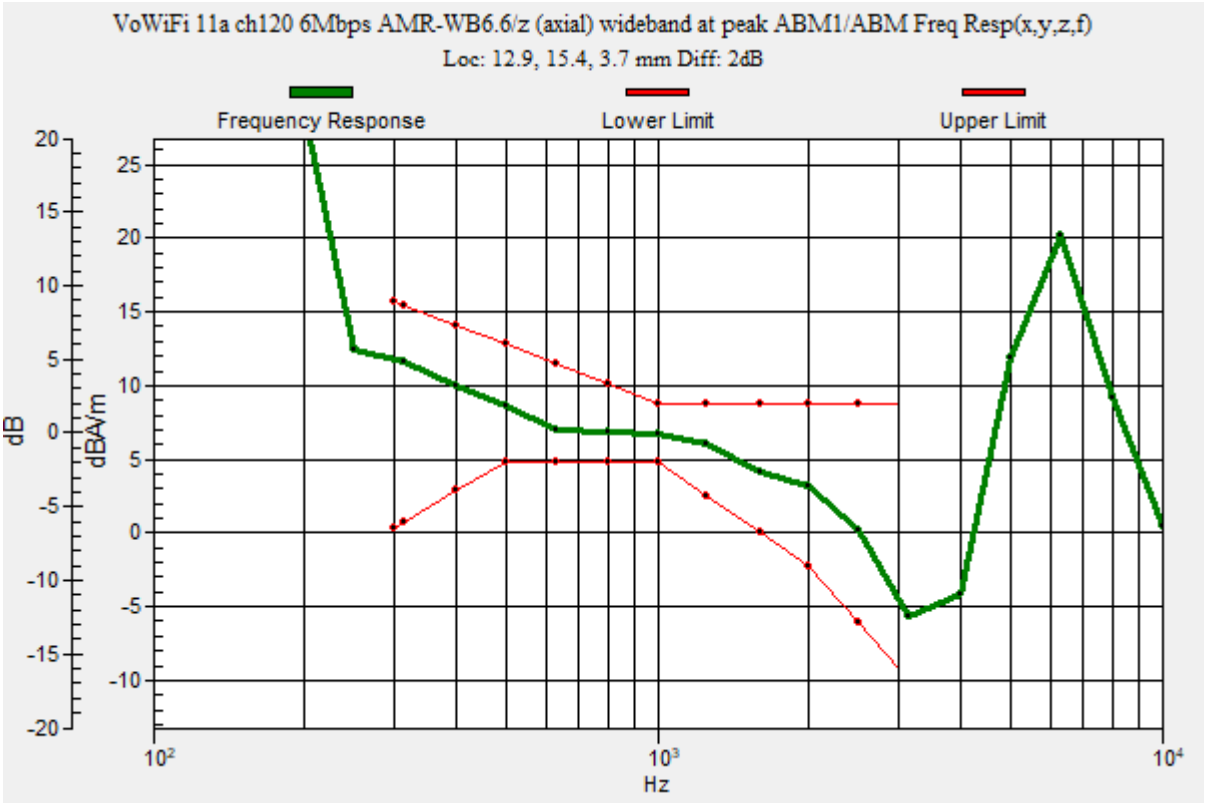
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5600 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/VoWiFi 11a ch120 6Mbps AMR-WB6.6/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: 29.78
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: 12.9, 15.4, 3.7 mm



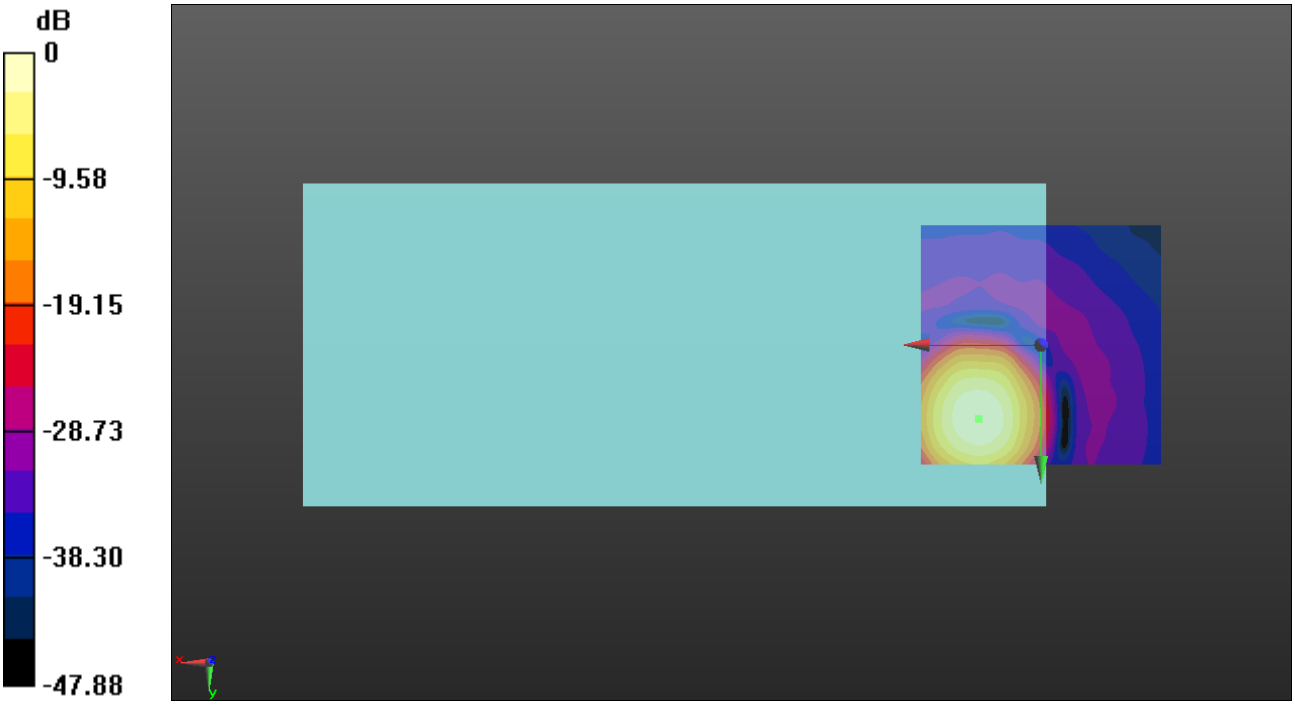
VoWiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 51.40 dB
ABM1 = 5.15 dBA/m
ABM2 = -46.25 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 15.4, 3.7 mm



0 dB = 1.810 A/m = 5.15 dBA/m

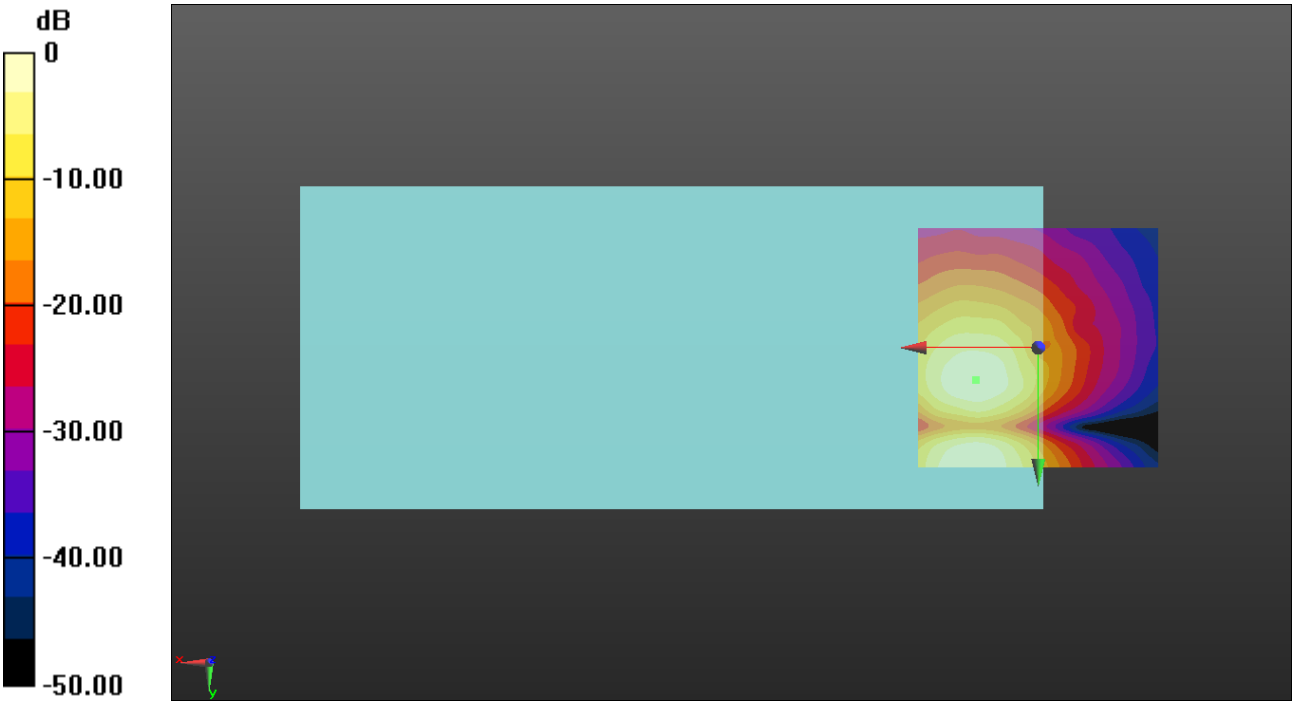
VoWiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 36.33 dB
ABM1 = -3.28 dBA/m
ABM2 = -39.61 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 6.7, 3.7 mm



0 dB = 0.7030 A/m = −3.06 dBA/m

VoWiFi

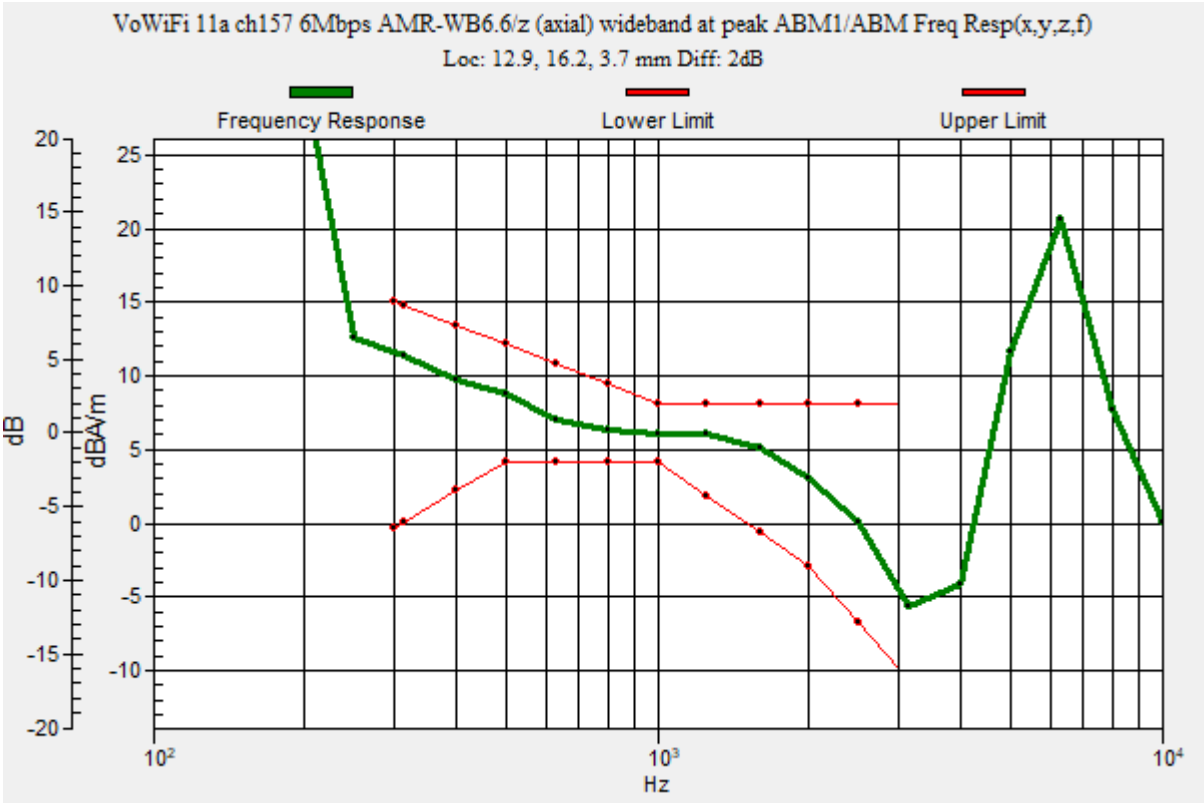
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5785 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/VoWiFi 11a ch157 6Mbps AMR-WB6.6/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: 29.78
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: 12.9, 16.2, 3.7 mm



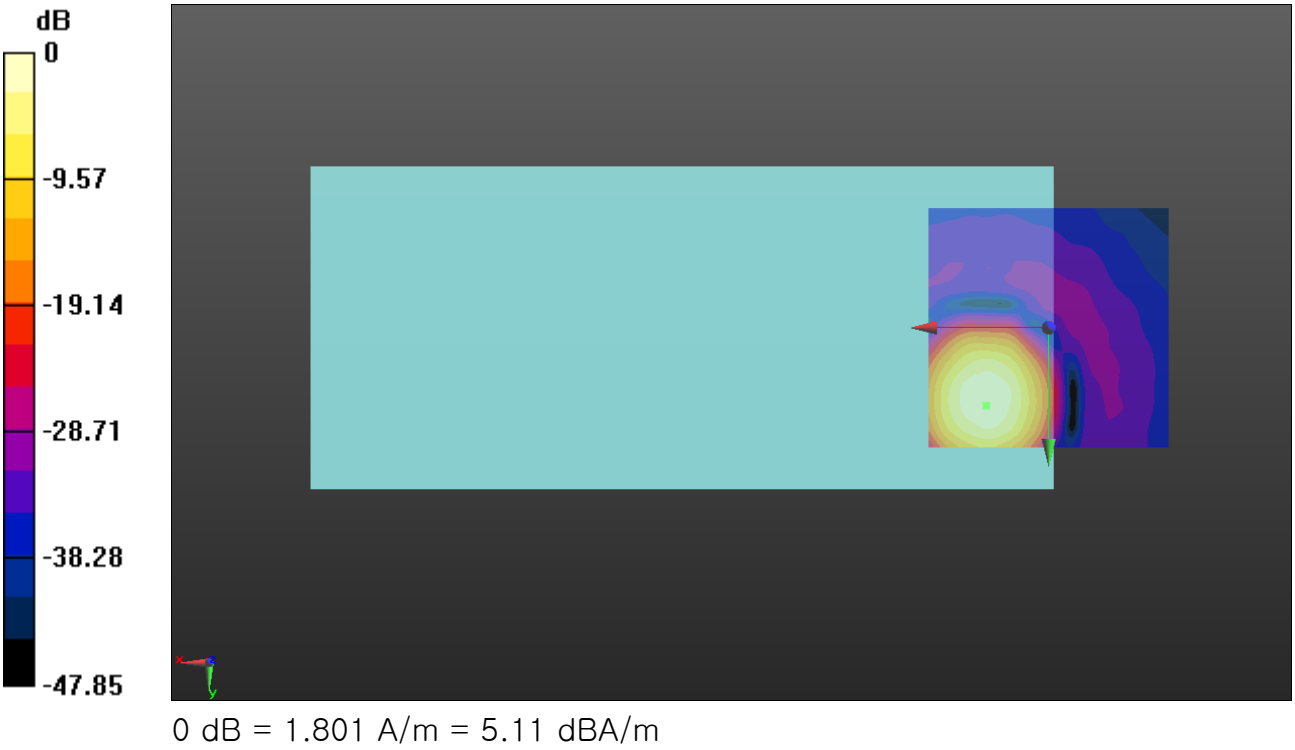
VoWiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 52.68 dB
ABM1 = 5.11 dBA/m
ABM2 = -47.57 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 16.2, 3.7 mm



0 dB = 1.801 A/m = 5.11 dBA/m

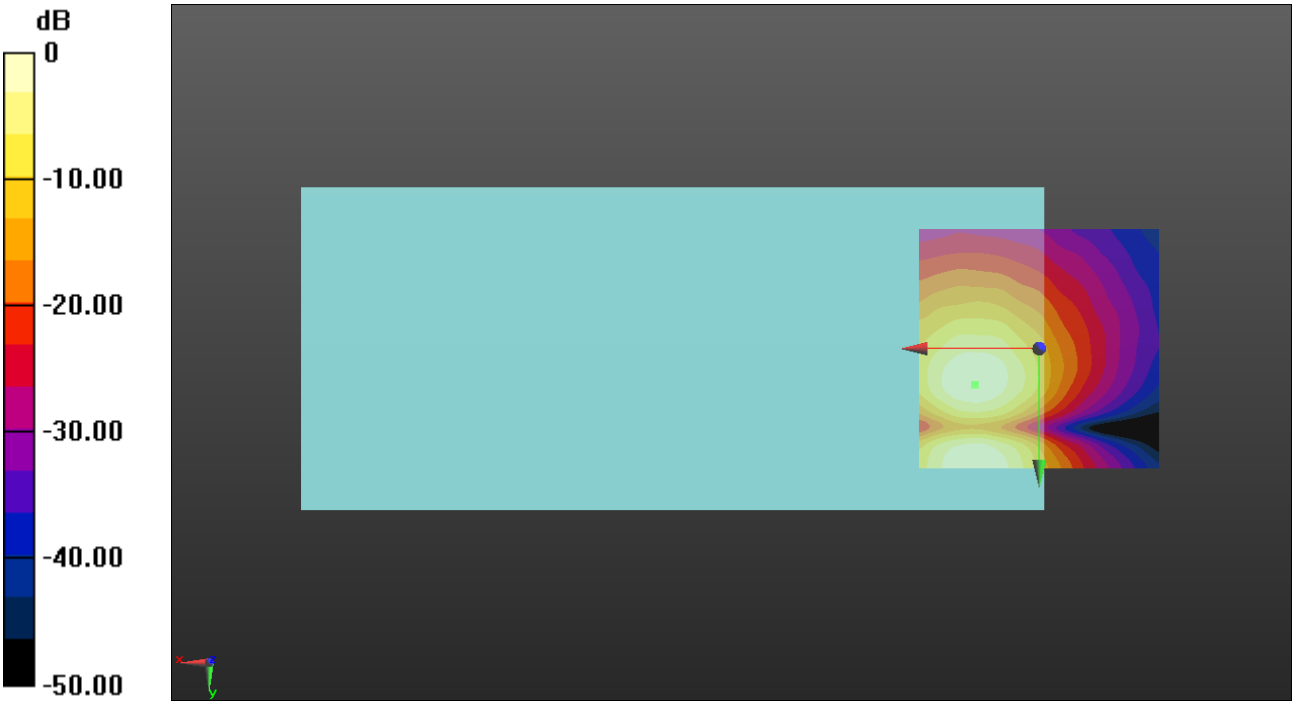
VoWiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 AMR-WB6.6/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 39.19 dB
ABM1 = -3.05 dBA/m
ABM2 = -42.24 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 7.5, 3.7 mm



0 dB = 0.7041 A/m = −3.05 dBA/m

VoWiFi

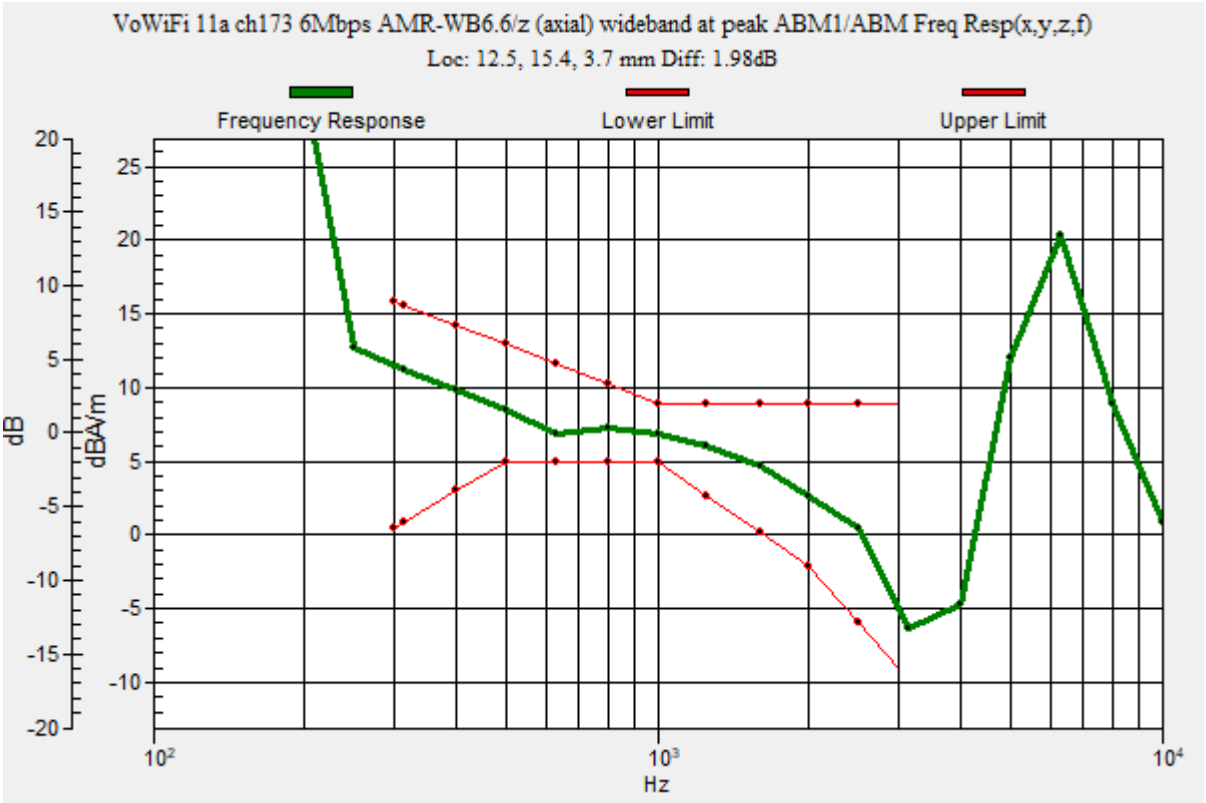
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5865 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/VoWiFi 11a ch173 6Mbps AMR-WB6.6/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: 29.78
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: 12.5, 15.4, 3.7 mm



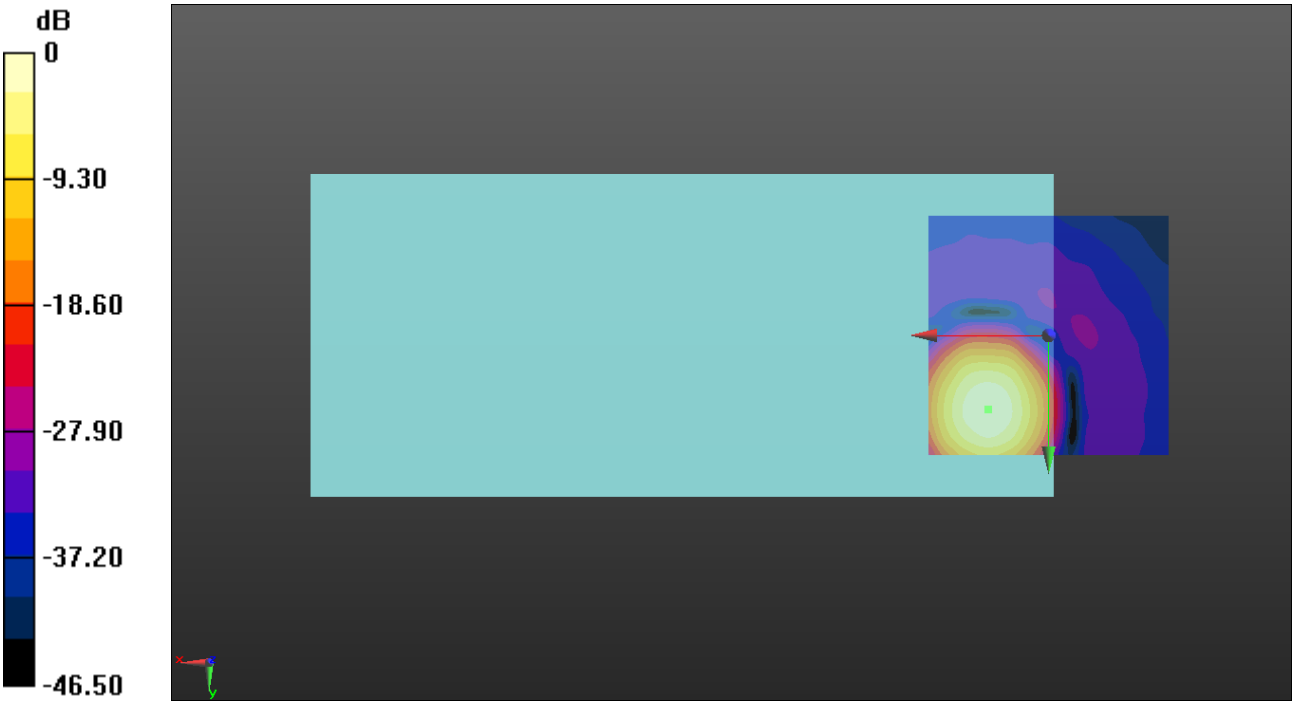
VoWiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5865 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 ch173 6Mbps AMR-WB6.6/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 49.99 dB
ABM1 = 5.16 dBA/m
ABM2 = -44.83 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 15.4, 3.7 mm



0 dB = 1.811 A/m = 5.16 dBA/m

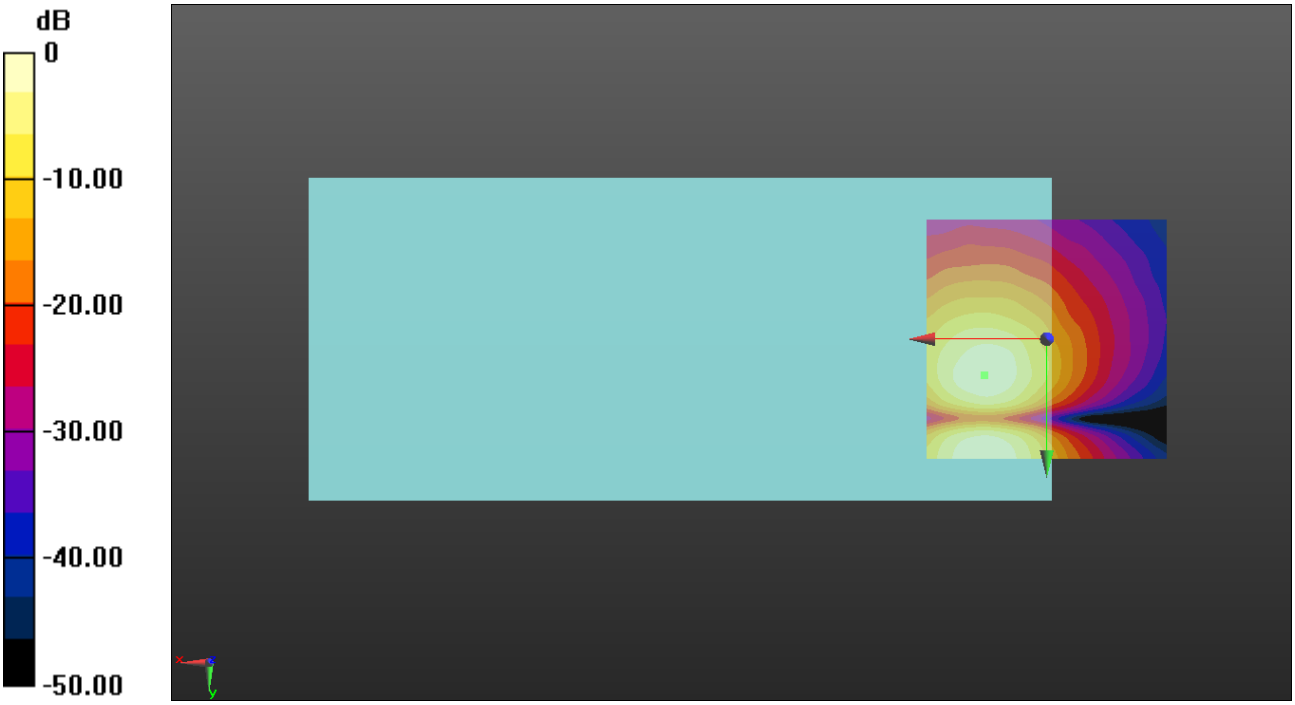
VoWiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5865 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 ch173 6Mbps AMR-WB6.6/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 38.88 dB
ABM1 = -2.96 dBA/m
ABM2 = -41.84 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.5, 3.7 mm



0 dB = 0.7109 A/m = −2.96 dBA/m

OTT EDGE

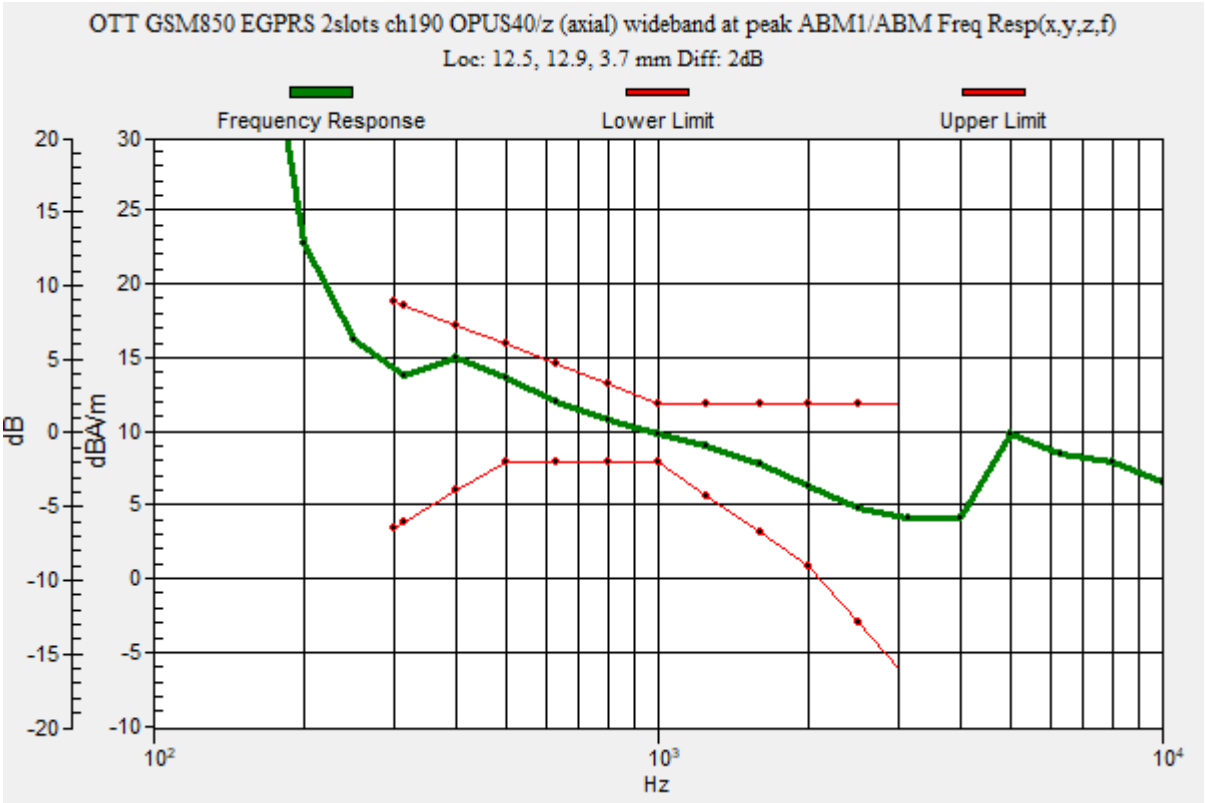
Communication System: UID 10026 - DAC, EDGE-FDD (TDMA, 8PSK, TN 0-1); Frequency: 836.6 MHz;Duty Cycle: 1:9.02194

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT GSM850 EGPRS 2slots ch190 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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.5, 12.9, 3.7 mm



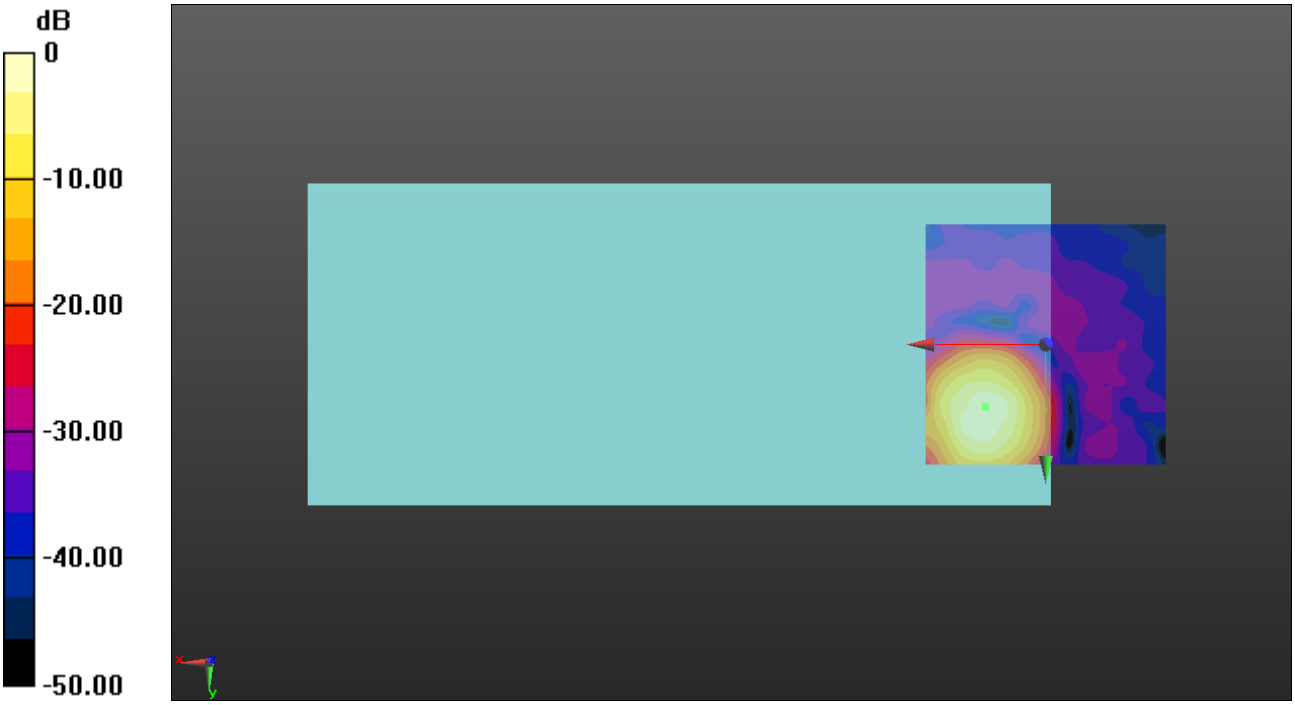
OTT EDGE

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 41.44 dB
ABM1 = 10.87 dBA/m
ABM2 = -30.57 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 12.9, 3.7 mm



0 dB = 3.497 A/m = 10.87 dBA/m

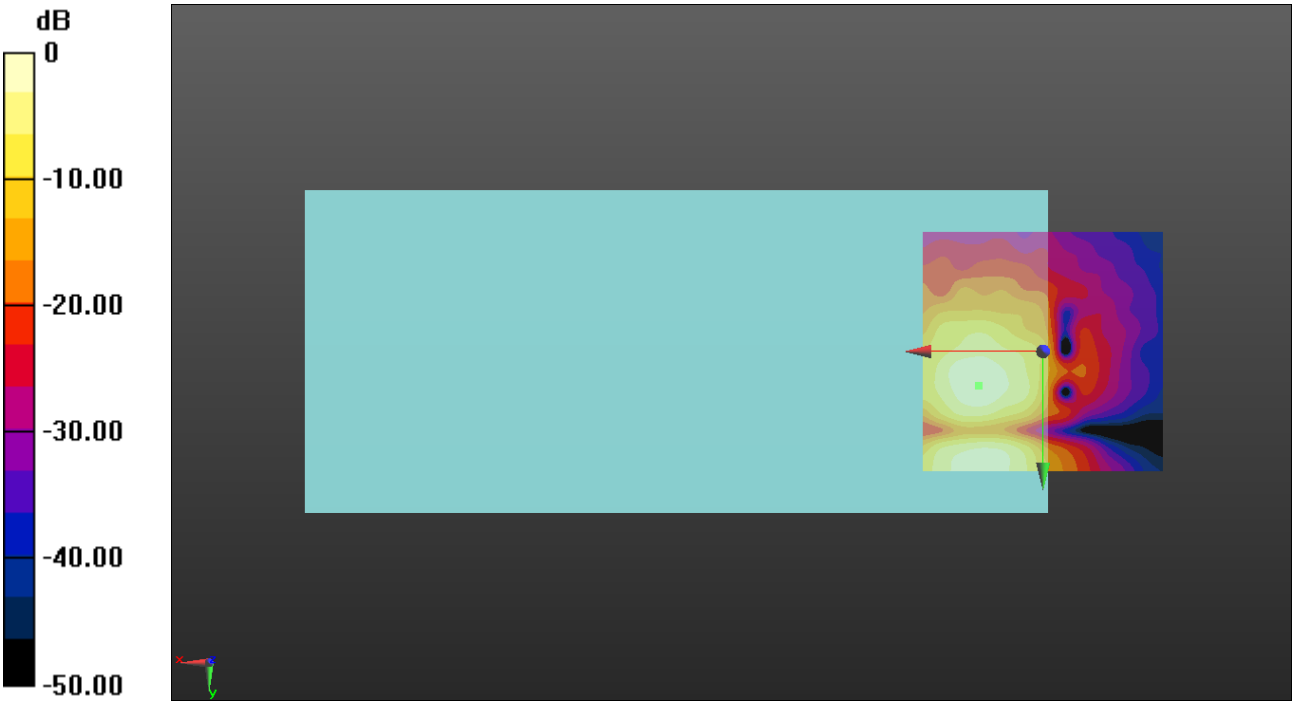
OTT EDGE

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 30.34 dB
ABM1 = 2.13 dBA/m
ABM2 = -28.21 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 7.1, 3.7 mm



0 dB = 1.277 A/m = 2.12 dBA/m

OTT EDGE

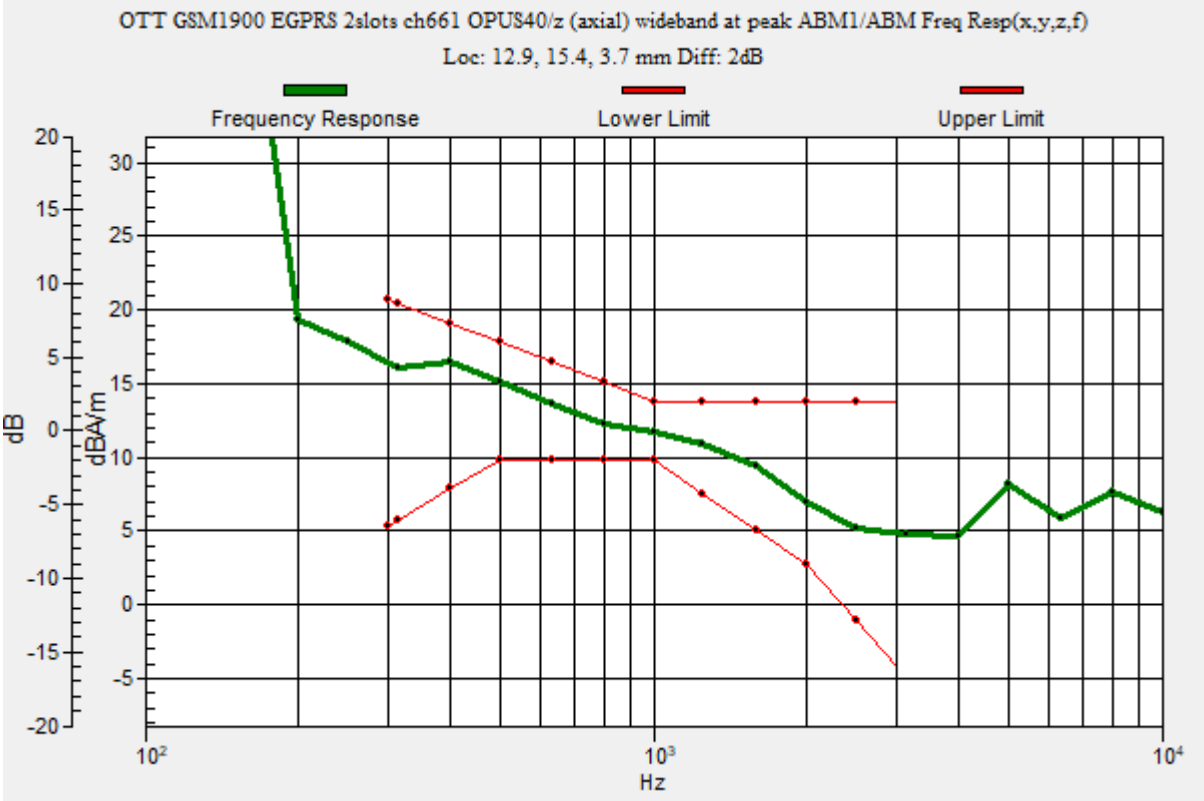
Communication System: UID 10026 - DAC, EDGE-FDD (TDMA, 8PSK, TN 0-1); Frequency: 1880 MHz;Duty Cycle: 1:9.02194

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT GSM1900 EGPRS 2slots ch661 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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.9, 15.4, 3.7 mm



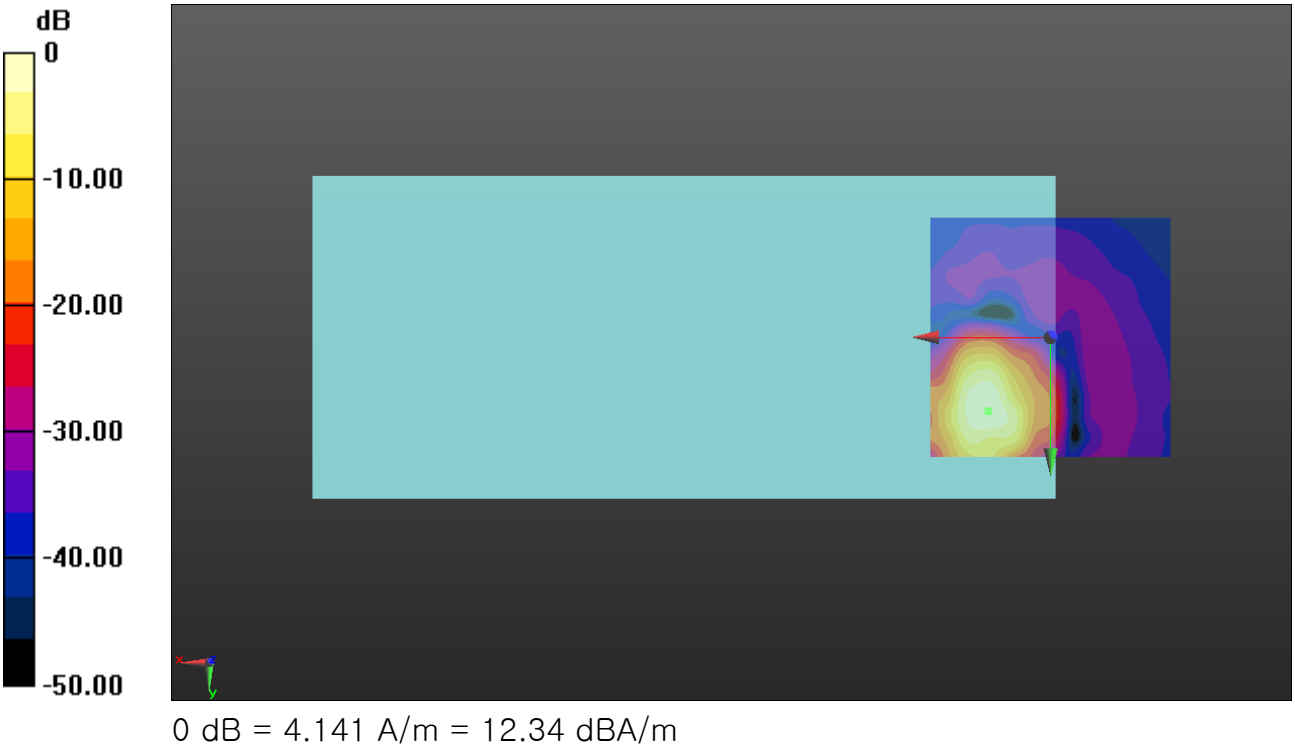
OTT EDGE

Communication System: UID 10026 - DAC, EDGE-FDD (TDMA, 8PSK, TN 0-1); Frequency: 1880 MHz; Duty Cycle: 1:9.02194
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 2000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 48.09 dB
ABM1 = 12.34 dBA/m
ABM2 = -35.75 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 15.4, 3.7 mm



0 dB = 4.141 A/m = 12.34 dBA/m

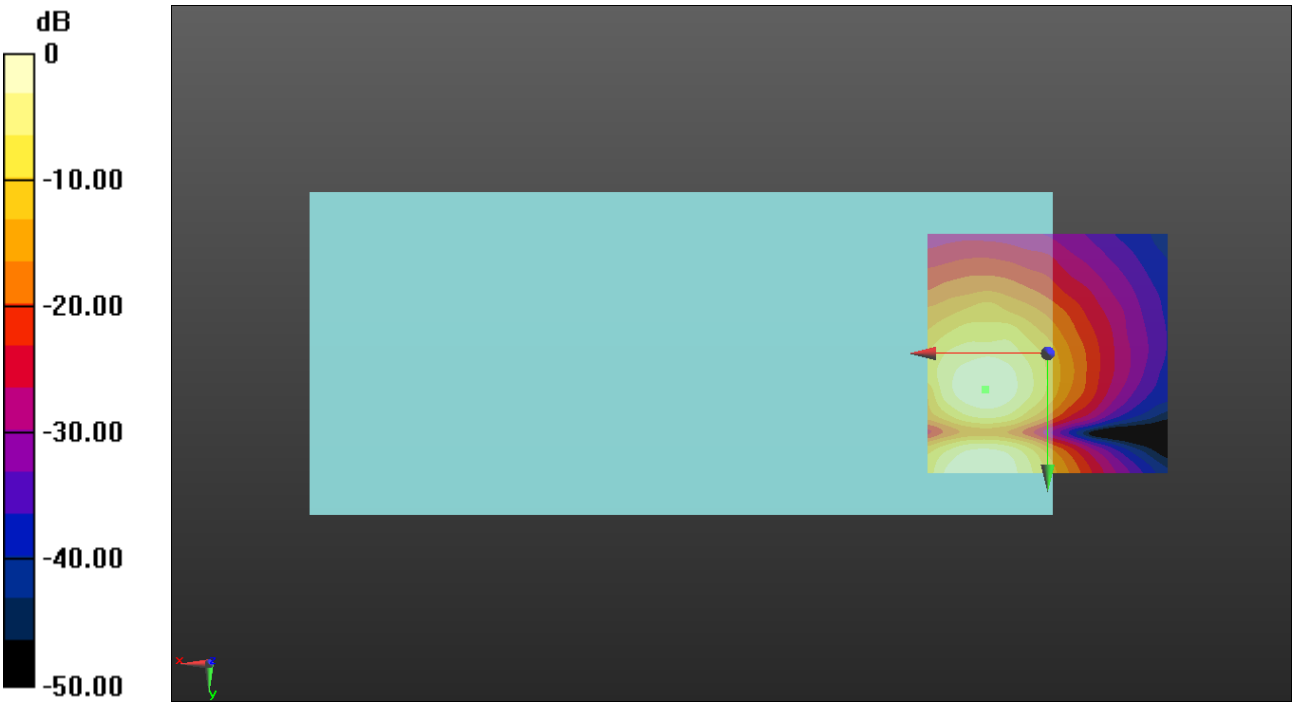
OTT EDGE

Communication System: UID 10026 - DAC, EDGE-FDD (TDMA, 8PSK, TN 0-1); Frequency: 1880 MHz; Duty Cycle: 1:9.02194
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 2000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 37.83 dB
ABM1 = 3.65 dBA/m
ABM2 = -34.18 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.5, 3.7 mm



0 dB = 1.532 A/m = 3.71 dBA/m

OTT HSUPA

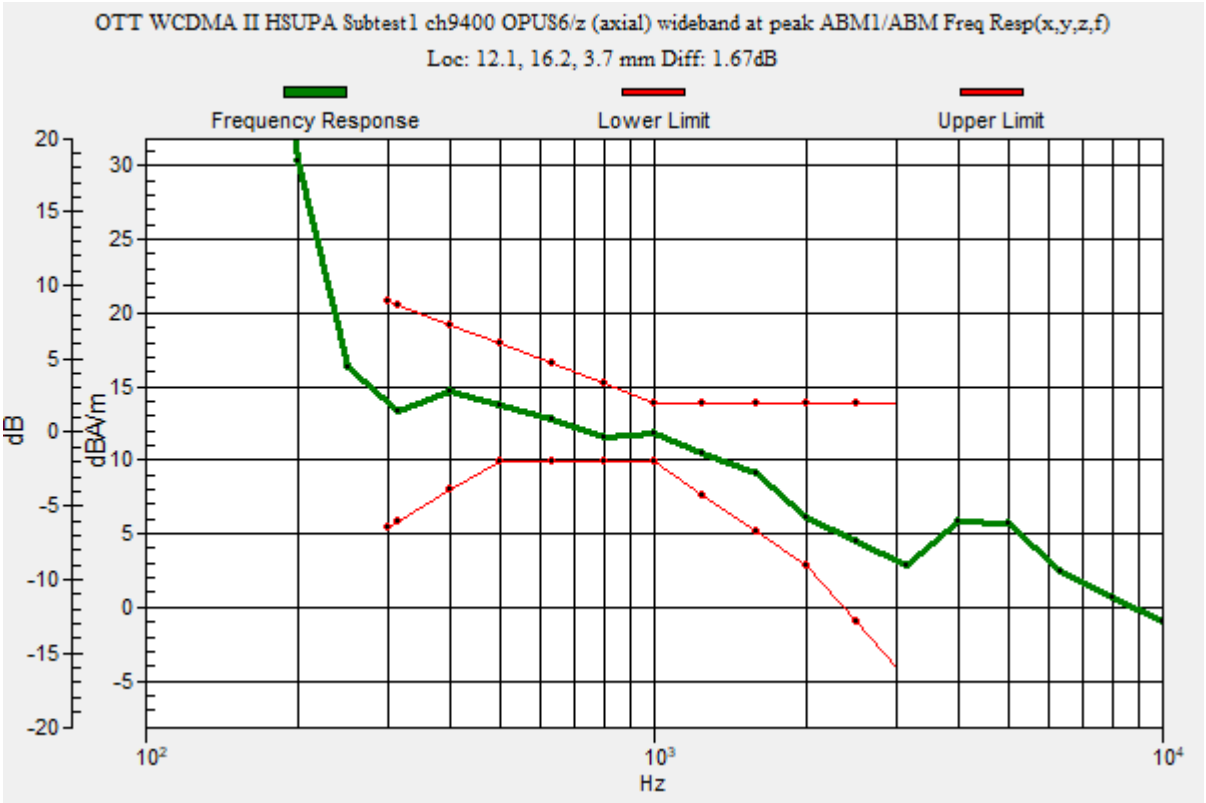
Communication System: UID 10225 - CAC, UMTS-FDD (HSPA+); Frequency: 1880 MHz;Duty Cycle: 1:3.95458

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT WCDMA II HSUPA Subtest1 ch9400 OPUS6/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: 40.83
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 = 1.67 dB
BWC Factor = 10.80 dB
Location: 12.1, 16.2, 3.7 mm



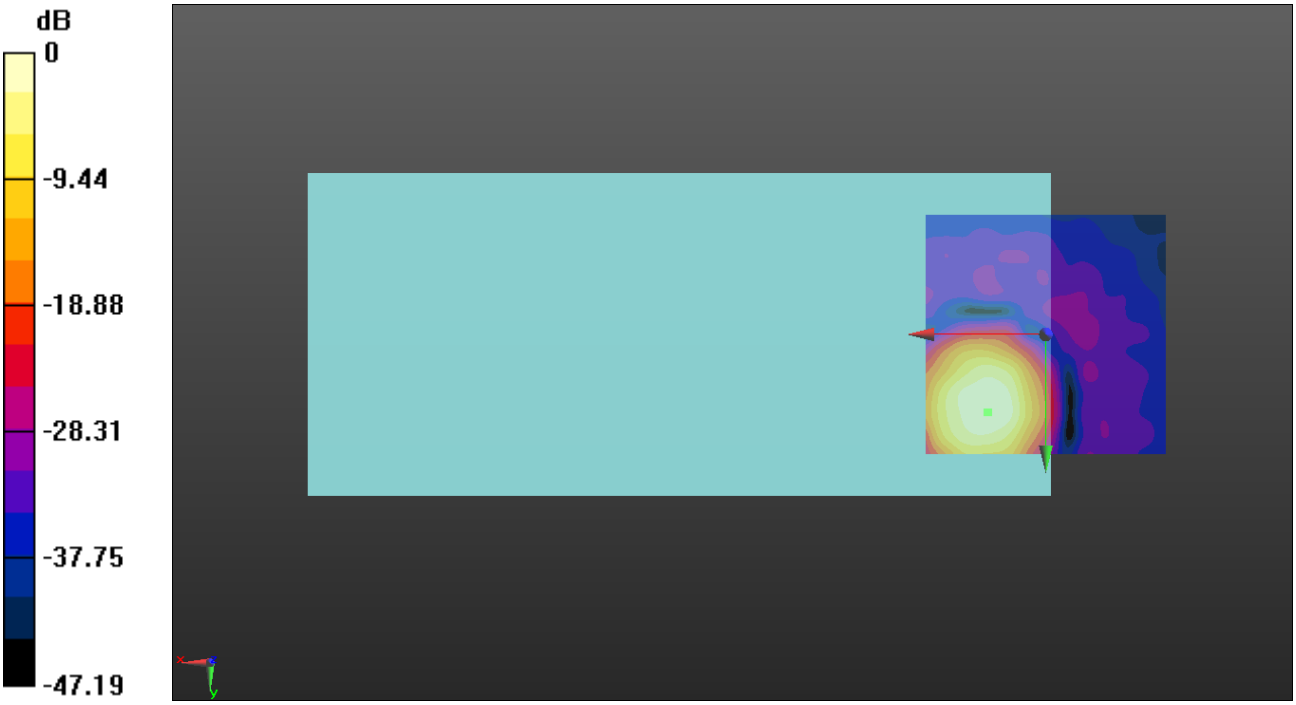
OTT HSUPA

Communication System: UID 10225 - CAC, UMTS-FDD (HSPA+); Frequency: 1880 MHz; Duty Cycle: 1:3.95458
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 55.57 dB
ABM1 = 9.56 dBA/m
ABM2 = -46.01 dBA/m
BWC Factor = 0.16 dB
Location: 12.1, 16.2, 3.7 mm



0 dB = 3.008 A/m = 9.57 dBA/m

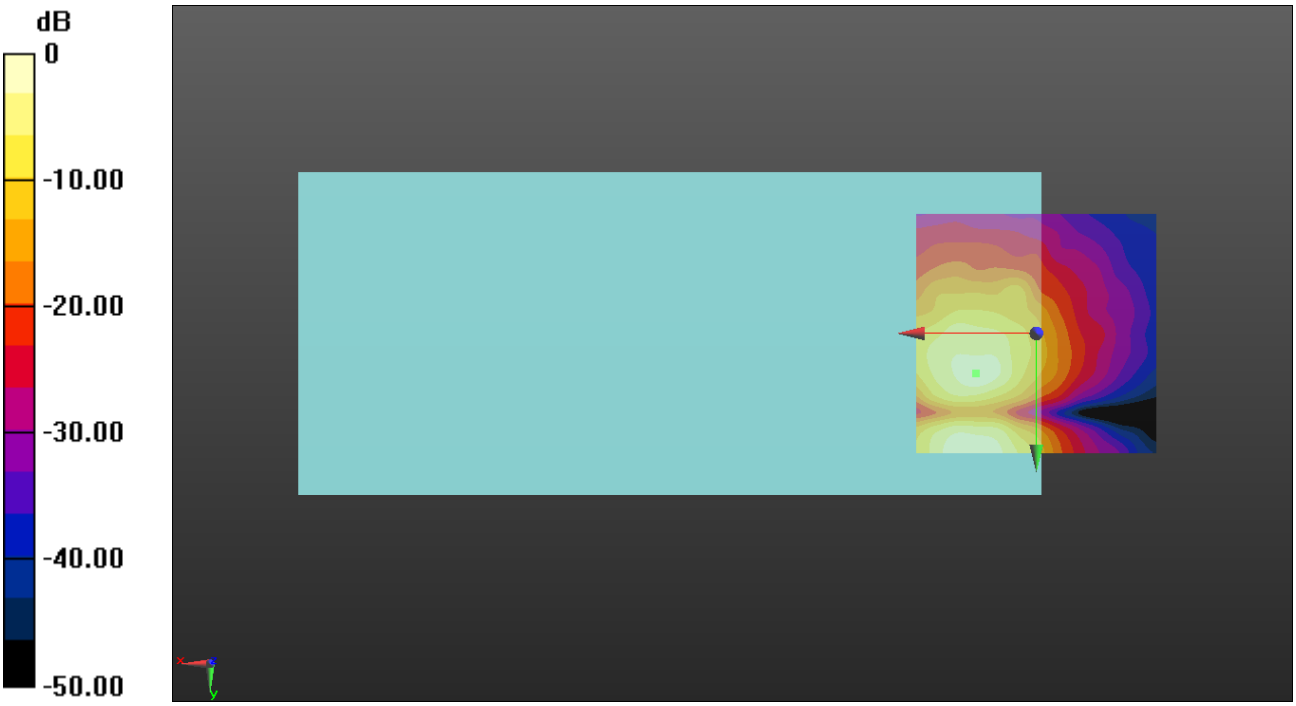
OTT HSUPA

Communication System: UID 10225 - CAC, UMTS-FDD (HSPA+); Frequency: 1880 MHz; Duty Cycle: 1:3.95458
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 45.94 dB
ABM1 = 2.28 dBA/m
ABM2 = -43.66 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 8.3, 3.7 mm



0 dB = 1.300 A/m = 2.28 dBA/m

OTT HSUPA

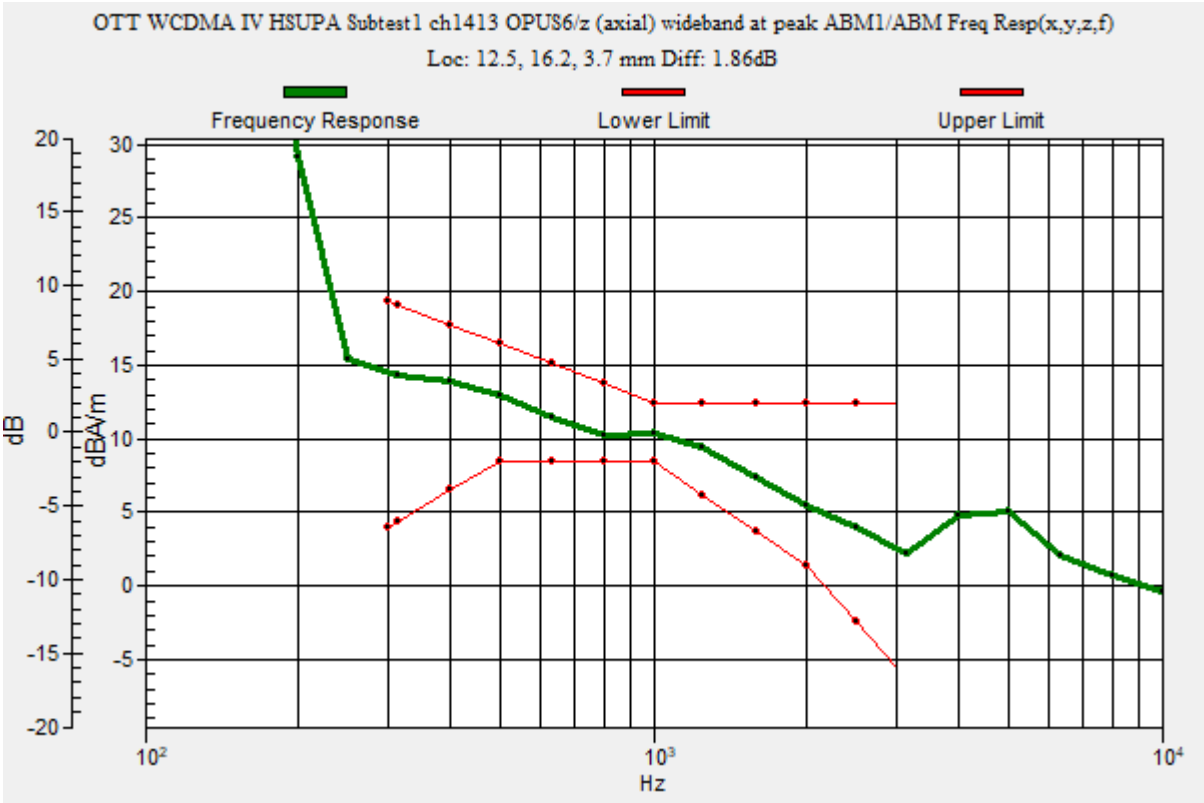
Communication System: UID 10225 - CAC, UMTS-FDD (HSPA+); Frequency: 1732.6 MHz;Duty Cycle: 1:3.95458

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT WCDMA IV HSUPA Subtest1 ch1413 OPUS6/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: 40.83
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 = 1.86 dB
BWC Factor = 10.80 dB
Location: 12.5, 16.2, 3.7 mm



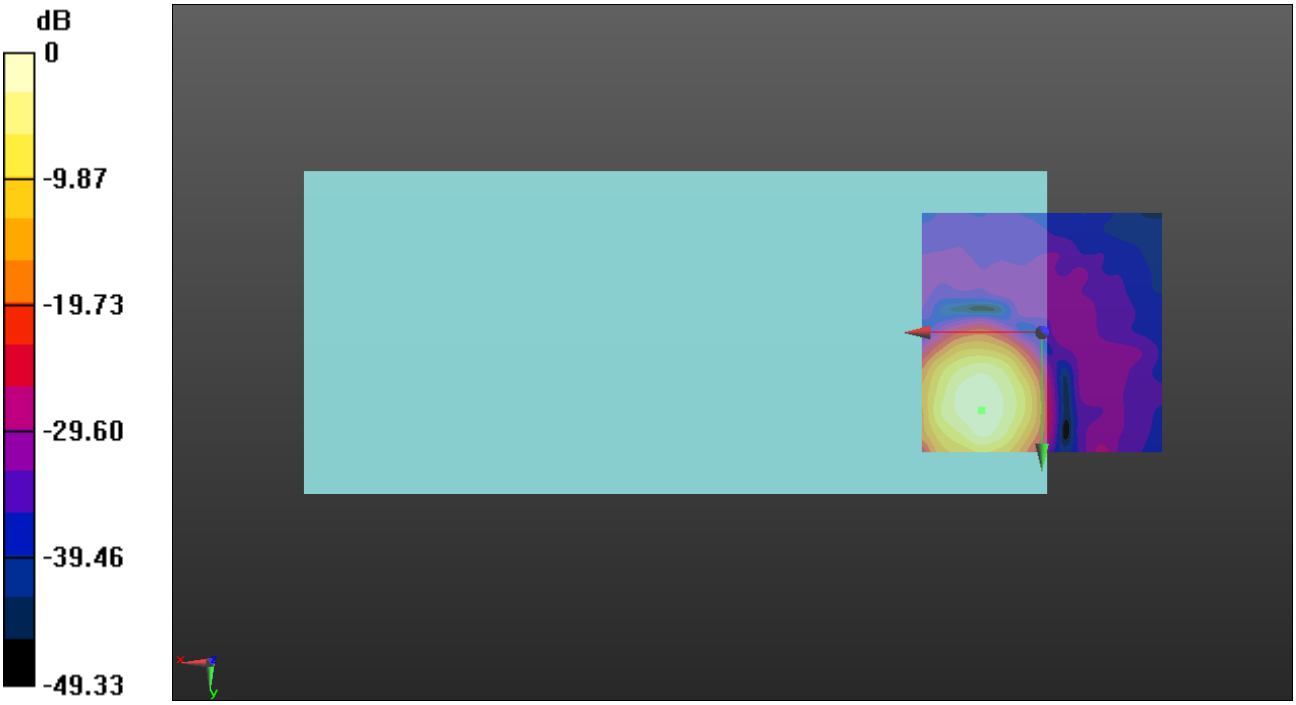
OTT HSUPA

Communication System: UID 10225 - CAC, UMTS-FDD (HSPA+); Frequency: 1732.6 MHz; Duty Cycle: 1:3.95458
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 IV HSUPA Subtest1 ch1413 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 55.16 dB
ABM1 = 9.74 dBA/m
ABM2 = -45.42 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 16.2, 3.7 mm



0 dB = 3.070 A/m = 9.74 dBA/m

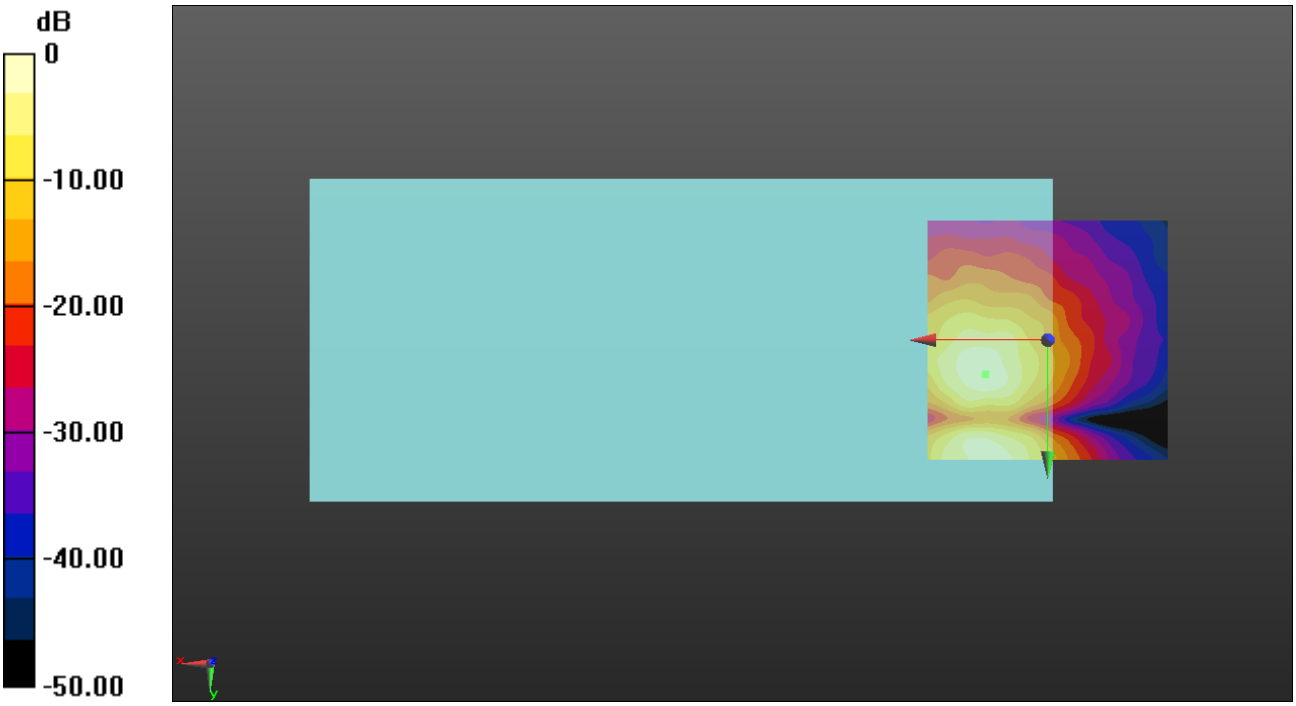
OTT HSUPA

Communication System: UID 10225 - CAC, UMTS-FDD (HSPA+); Frequency: 1732.6 MHz; Duty Cycle: 1:3.95458
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 IV HSUPA Subtest1 ch1413 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 46.08 dB
ABM1 = 2.69 dBA/m
ABM2 = -43.39 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.1, 3.7 mm



0 dB = 1.363 A/m = 2.69 dBA/m

OTT HSUPA

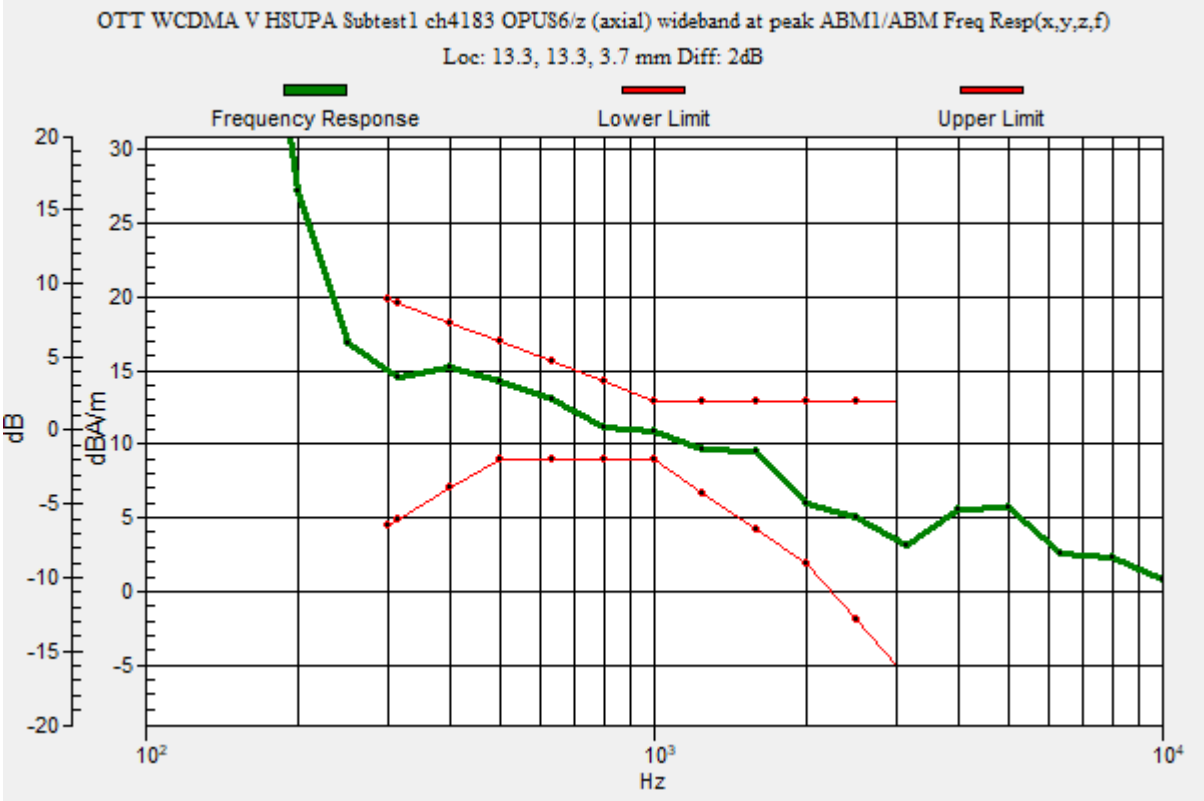
Communication System: UID 10225 - CAC, UMTS-FDD (HSPA+); Frequency: 836.6 MHz;Duty Cycle: 1:3.95458

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT WCDMA V HSUPA Subtest1 ch4183 OPUS6/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 13.3, 13.3, 3.7 mm



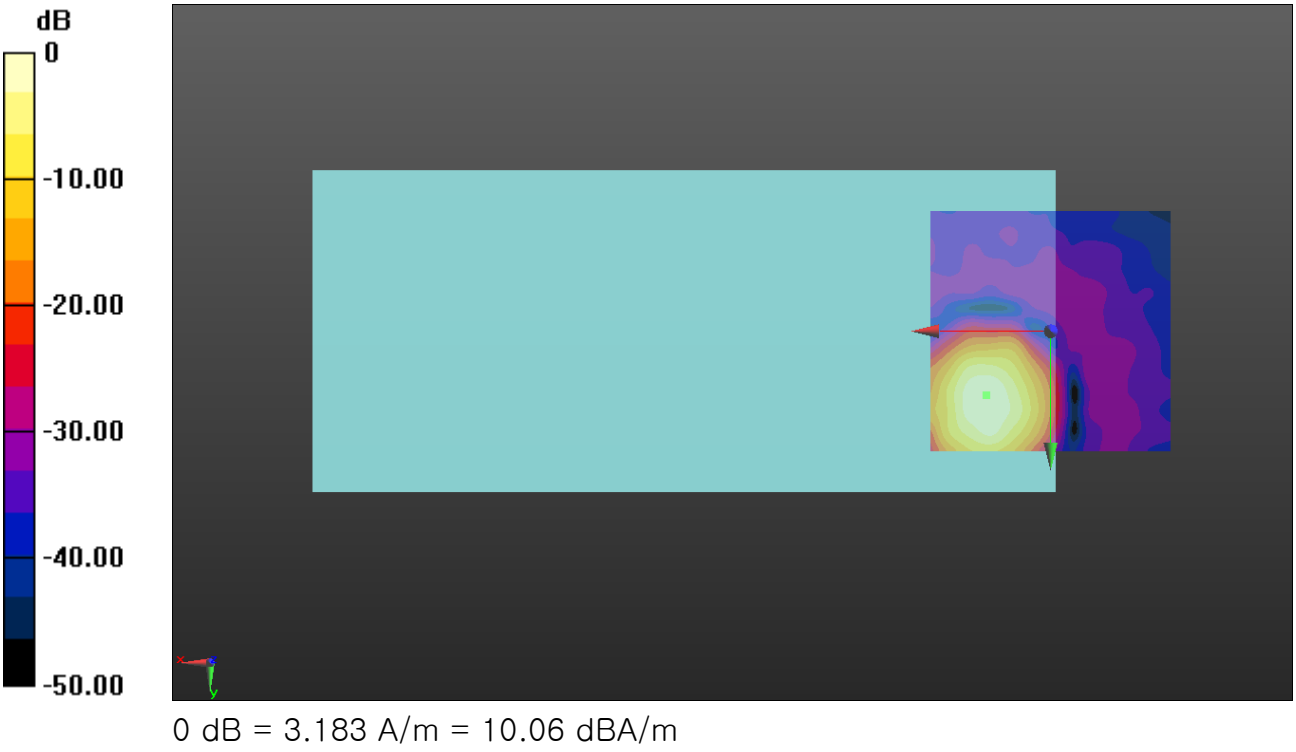
OTT HSUPA

Communication System: UID 10225 - CAC, UMTS-FDD (HSPA+); Frequency: 836.6 MHz; Duty Cycle: 1:3.95458
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 53.29 dB
ABM1 = 10.06 dBA/m
ABM2 = -43.23 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 13.3, 3.7 mm



0 dB = 3.183 A/m = 10.06 dBA/m

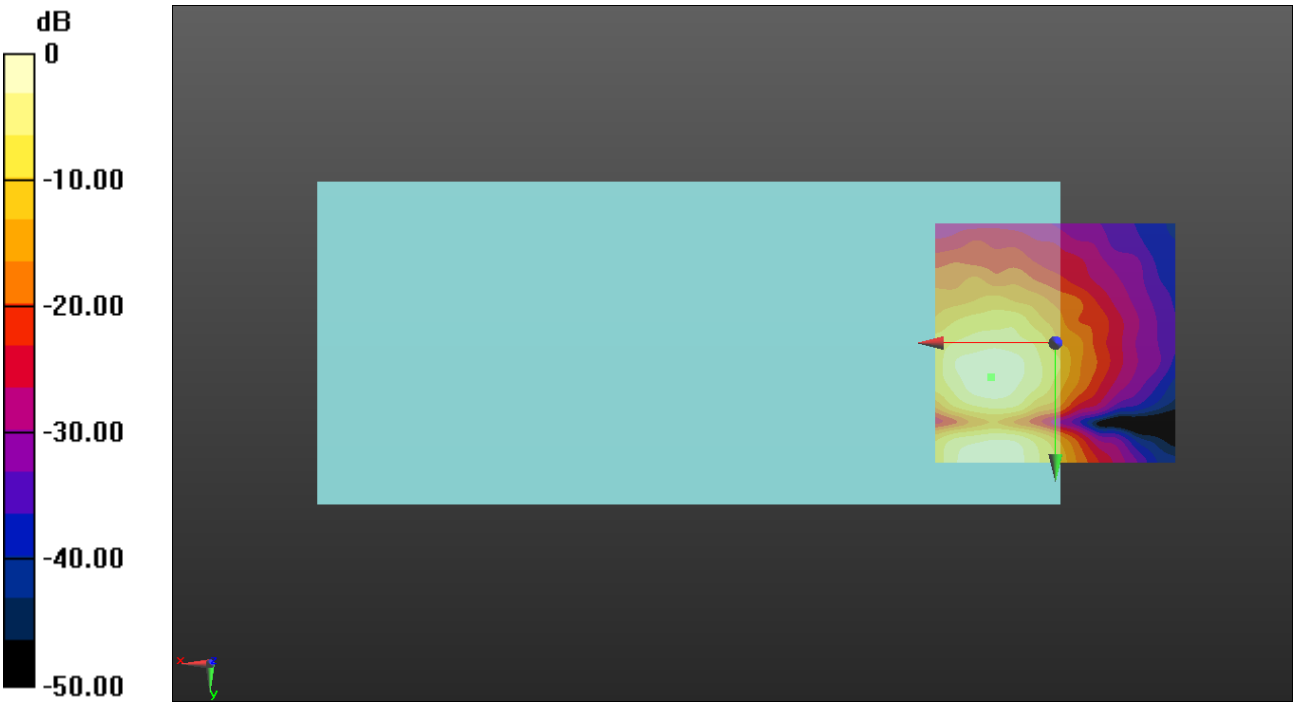
OTT HSUPA

Communication System: UID 10225 - CAC, UMTS-FDD (HSPA+); Frequency: 836.6 MHz; Duty Cycle: 1:3.95458
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 44.30 dB
ABM1 = 0.96 dBA/m
ABM2 = -43.34 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 7.1, 3.7 mm



0 dB = 1.127 A/m = 1.04 dBA/m

OTT LTE FDD

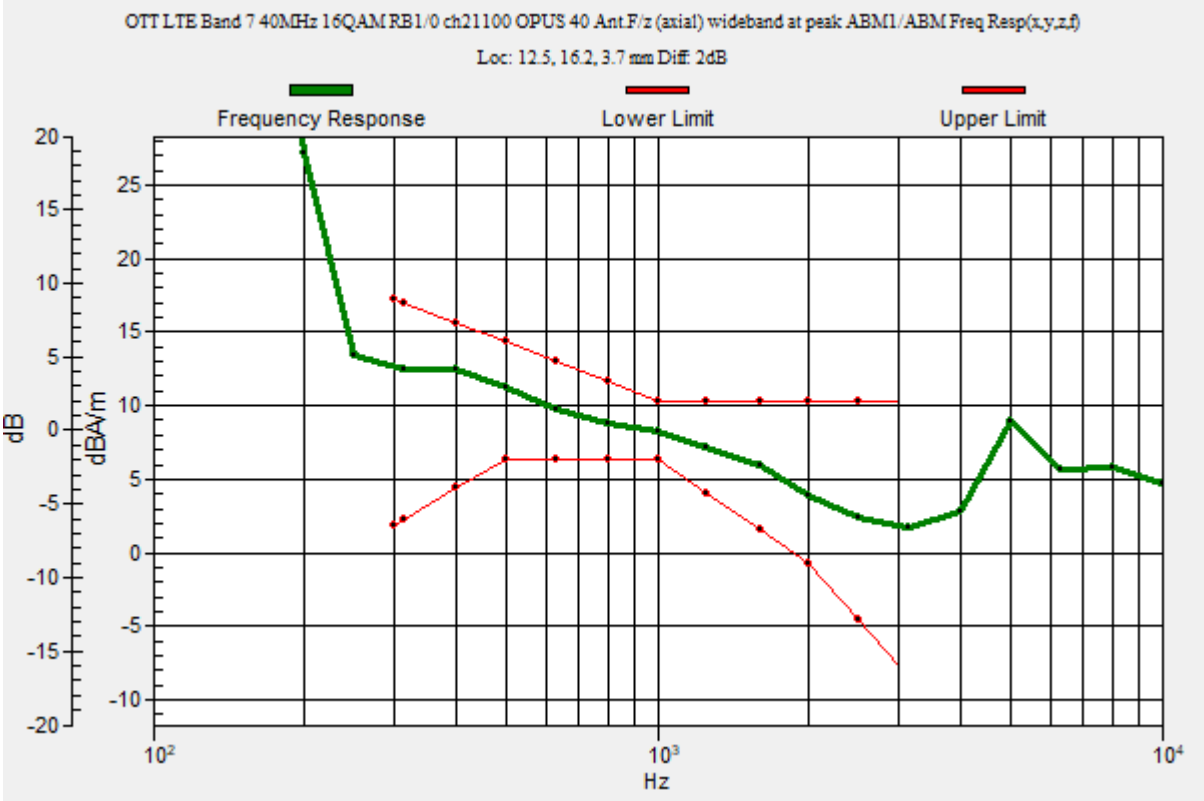
Communication System: UID 0, LTE (FDD) (0); Frequency: 2535 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT LTE Band 7 40MHz 16QAM RB1/0 ch21100 OPUS 40 Ant.F/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.5, 16.2, 3.7 mm



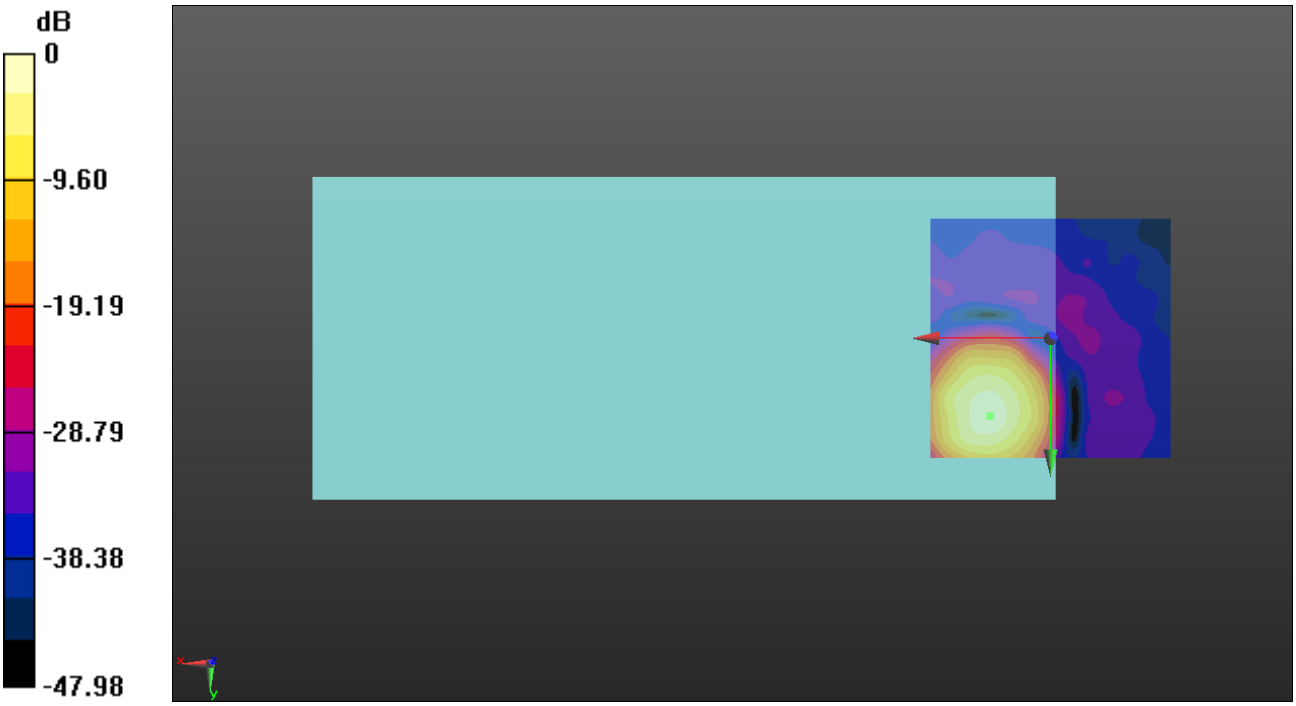
OTT LTE FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 40MHz 16QAM RB1/0 ch21100 OPUS 40 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 52.24 dB
ABM1 = 8.26 dBA/m
ABM2 = -43.98 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 16.2, 3.7 mm



0 dB = 2.589 A/m = 8.26 dBA/m

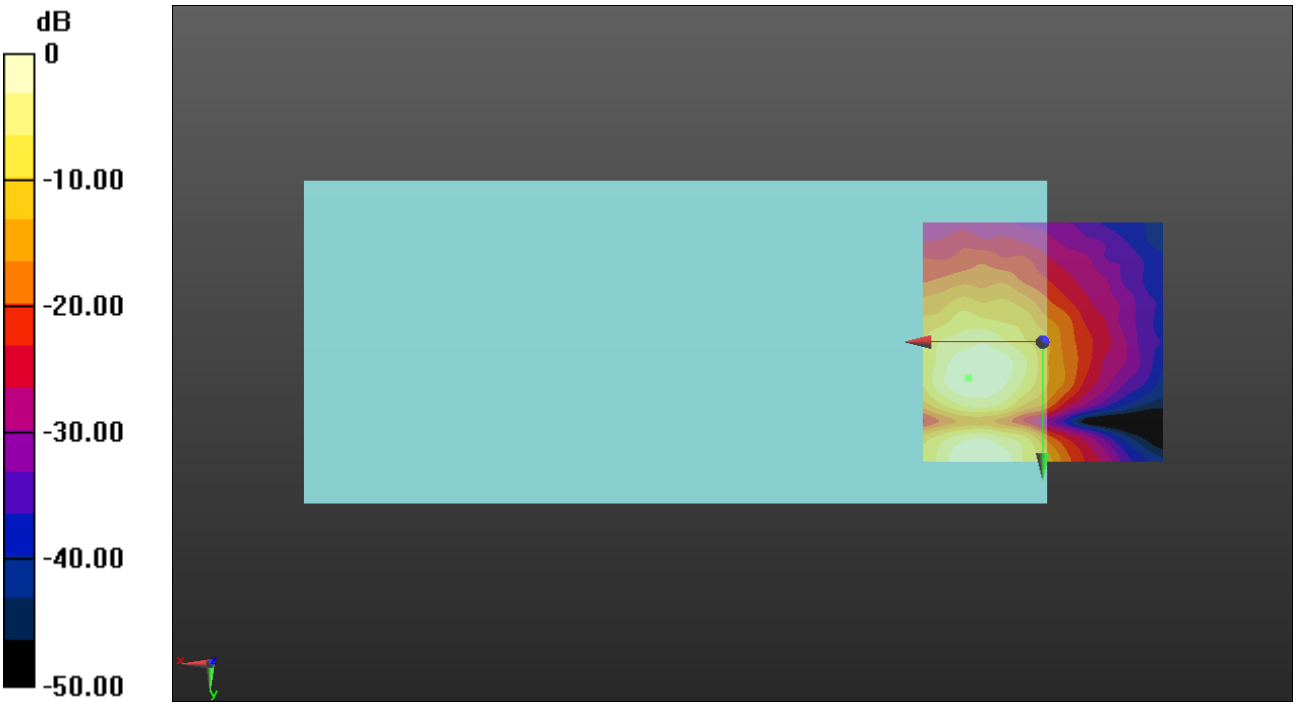
OTT LTE FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 40MHz 16QAM RB1/0 ch21100 OPUS 40 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 36.89 dB
ABM1 = -0.71 dBA/m
ABM2 = -37.60 dBA/m
BWC Factor = 0.16 dB
Location: 15.4, 7.5, 3.7 mm



0 dB = 0.9540 A/m = −0.41 dBA/m

OTT LTE FDD

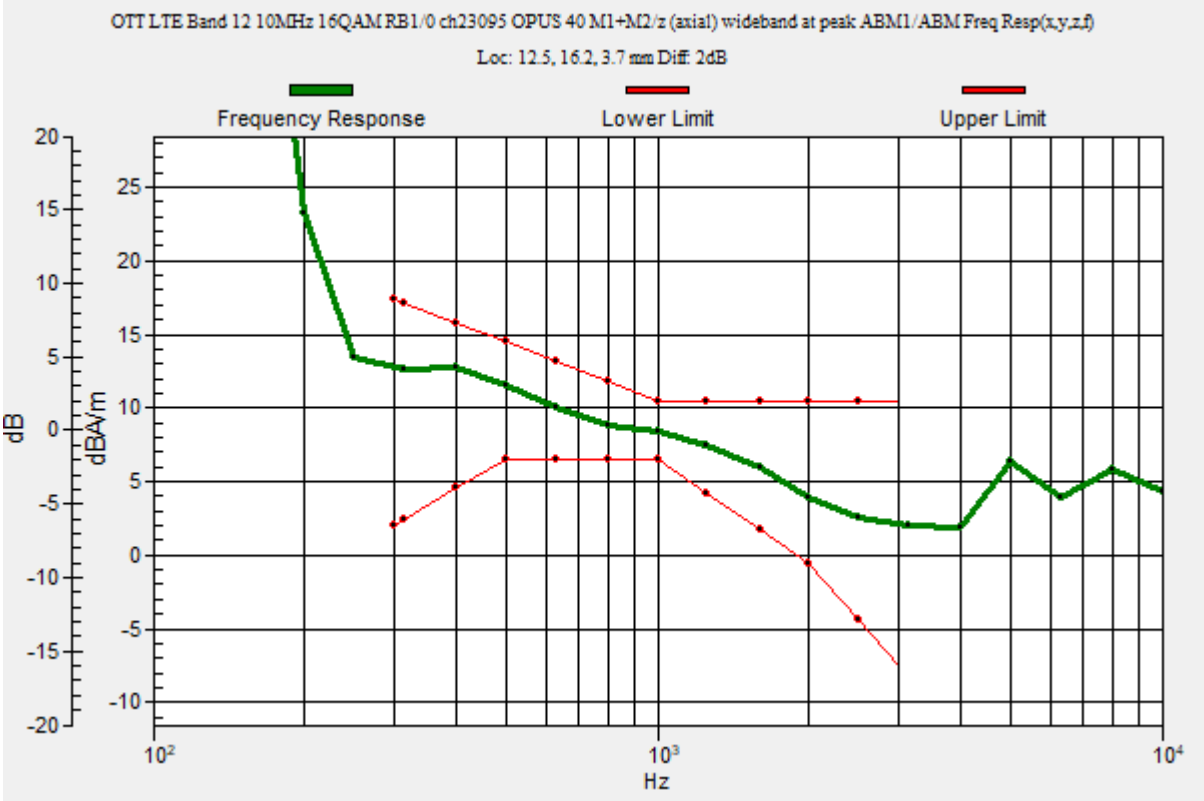
Communication System: UID 0, LTE (FDD) (0); Frequency: 707.5 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT LTE Band 12 10MHz 16QAM RB1/0 ch23095 OPUS 40 Ant.A+Ant.B/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.5, 16.2, 3.7 mm



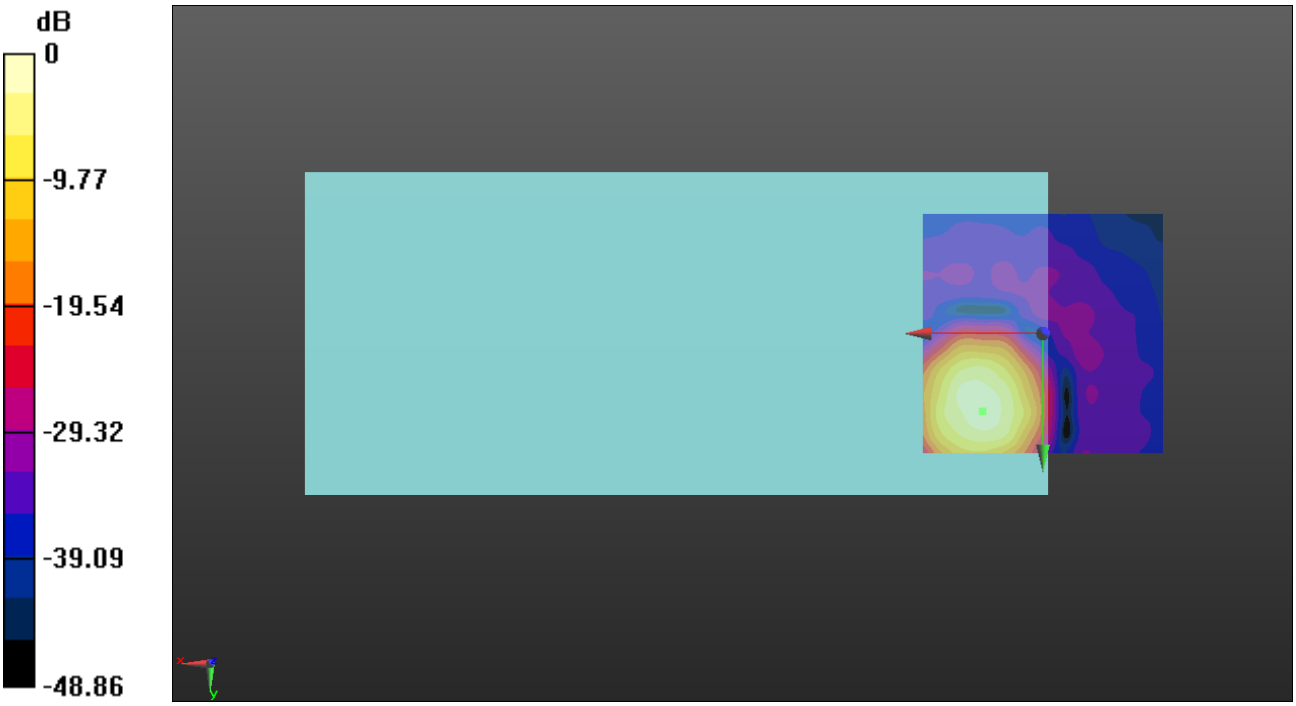
OTT LTE FDD

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 OPUS 40 Ant.A+Ant.B/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 52.36 dB
ABM1 = 8.17 dBA/m
ABM2 = -44.19 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 16.2, 3.7 mm



0 dB = 2.561 A/m = 8.17 dBA/m

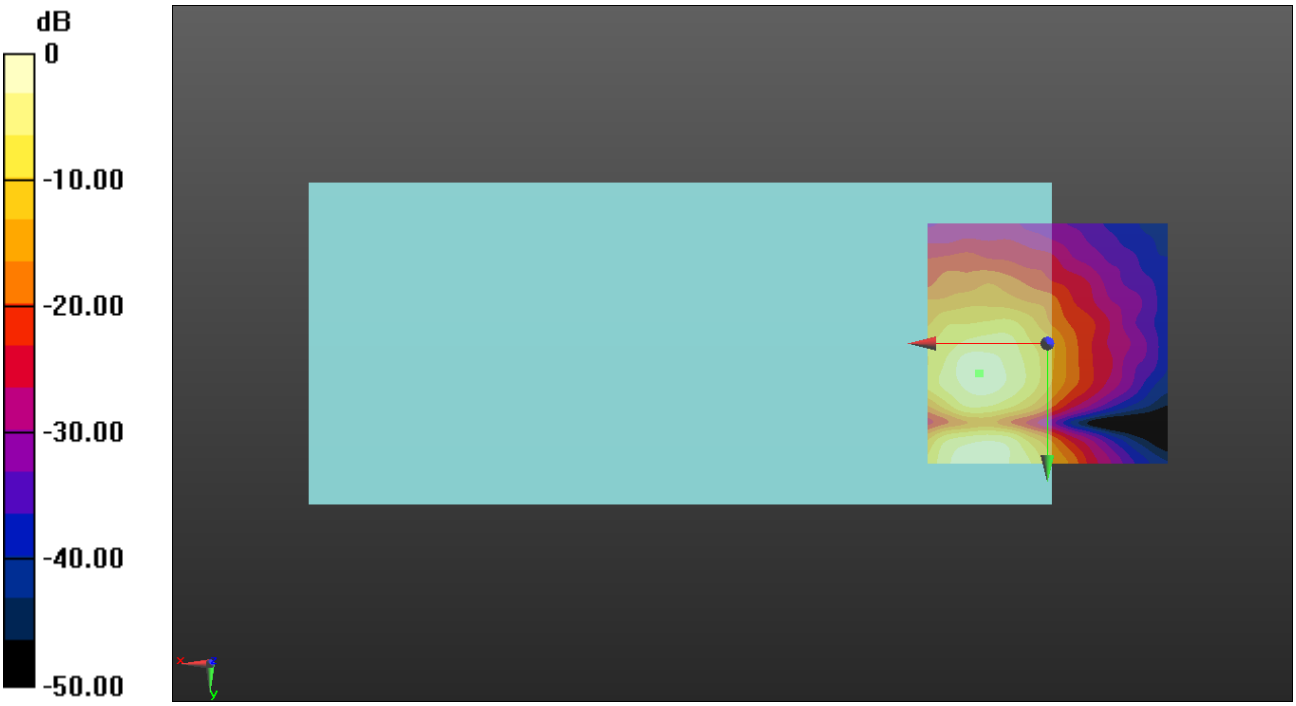
OTT LTE FDD

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 OPUS 40 Ant.A+Ant.B/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 37.35 dB
ABM1 = -1.22 dBA/m
ABM2 = -38.57 dBA/m
BWC Factor = 0.16 dB
Location: 14.2, 6.2, 3.7 mm



0 dB = 1.002 A/m = 0.02 dBA/m

OTT LTE FDD

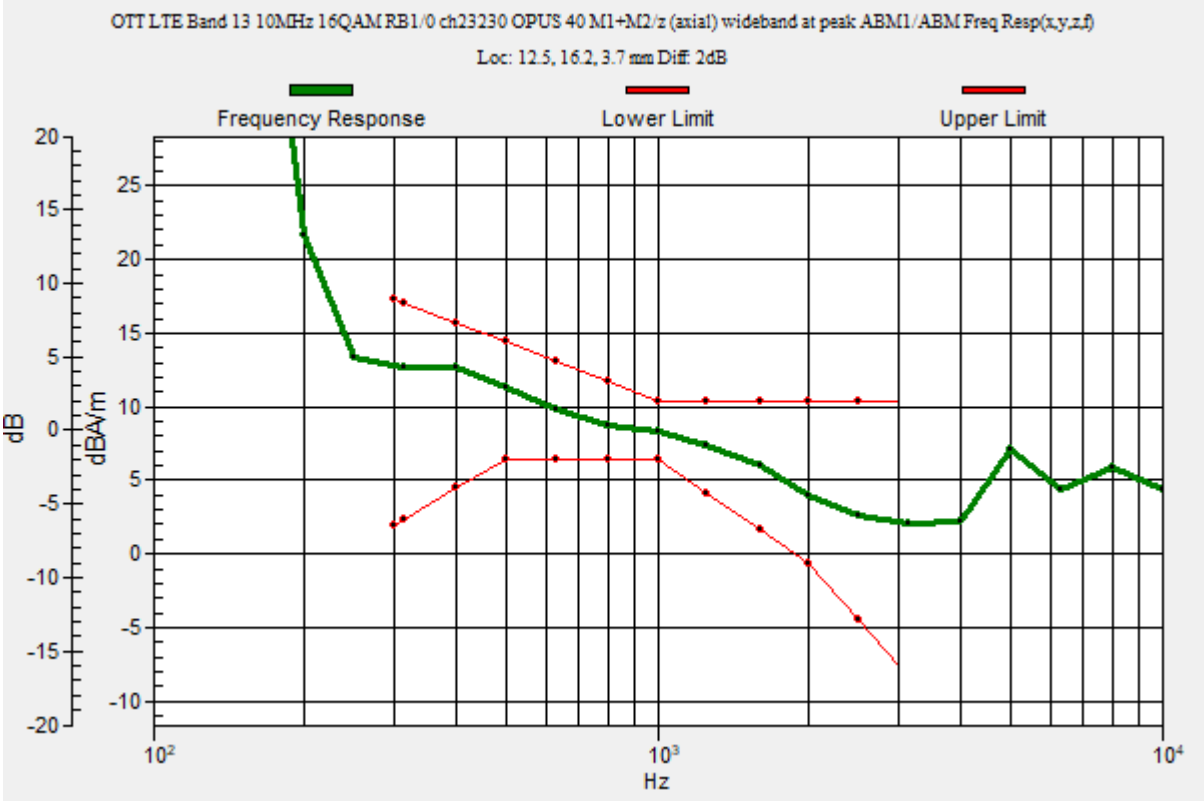
Communication System: UID 0, LTE (FDD) (0); Frequency: 782 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT LTE Band 13 10MHz 16QAM RB1/0 ch23230 OPUS 40 Ant.A+Ant.B/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.5, 16.2, 3.7 mm



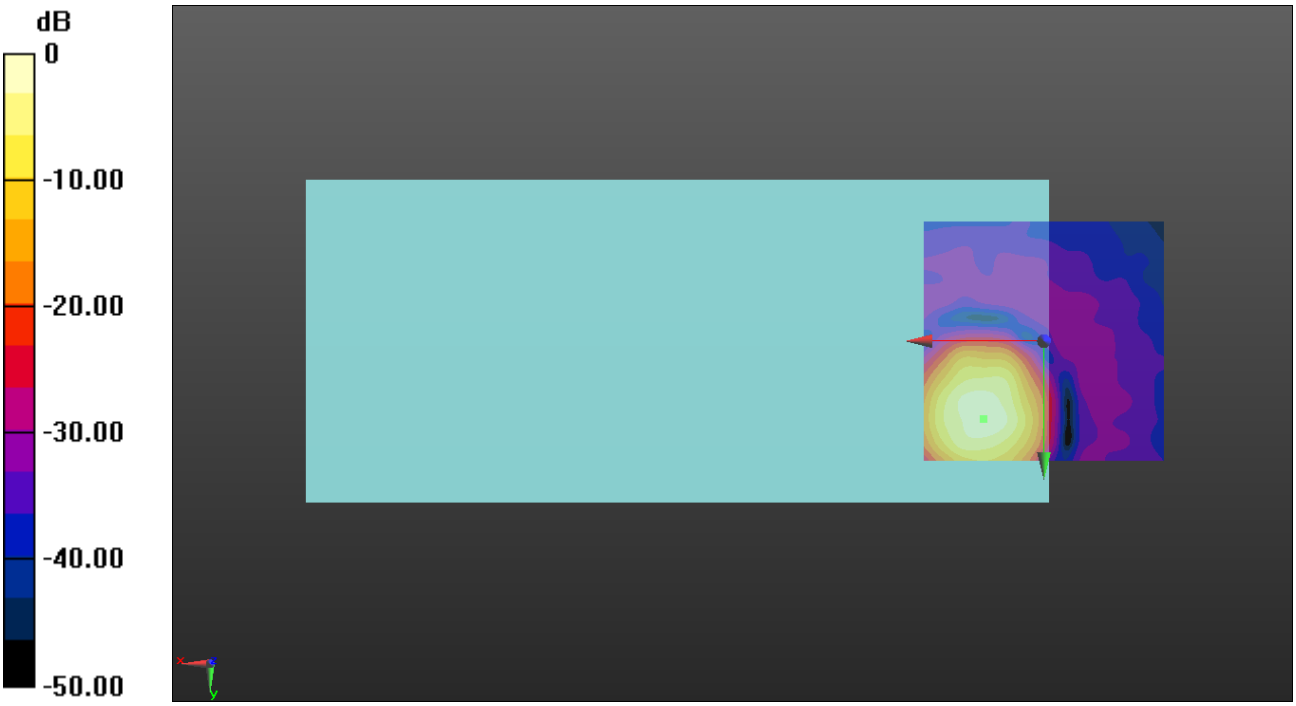
OTT LTE FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 782 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 OPUS 40 Ant.A+Ant.B/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 52.26 dB
ABM1 = 8.01 dBA/m
ABM2 = -44.25 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 16.2, 3.7 mm



0 dB = 2.514 A/m = 8.01 dBA/m

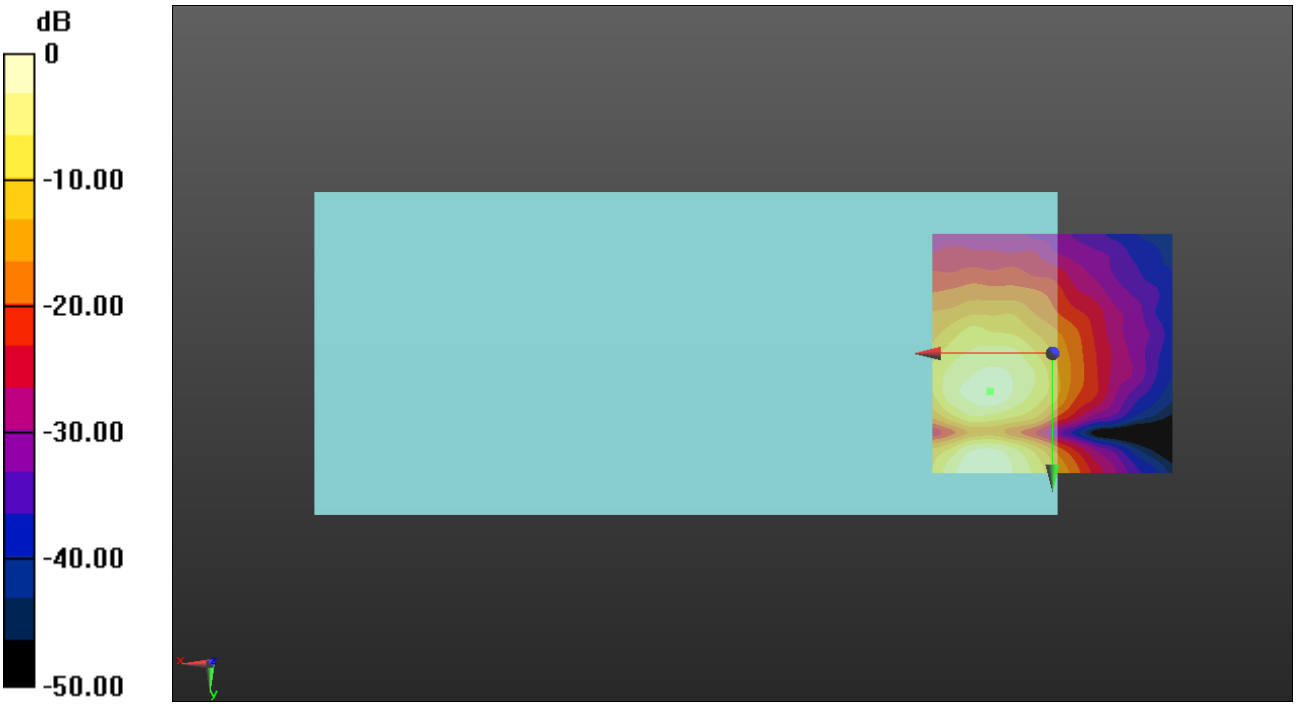
OTT LTE FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 782 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 OPUS 40 Ant.A+Ant.B/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 40.29 dB
ABM1 = 0.01 dBA/m
ABM2 = -40.28 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.9, 3.7 mm



0 dB = 1.023 A/m = 0.20 dBA/m

OTT LTE FDD

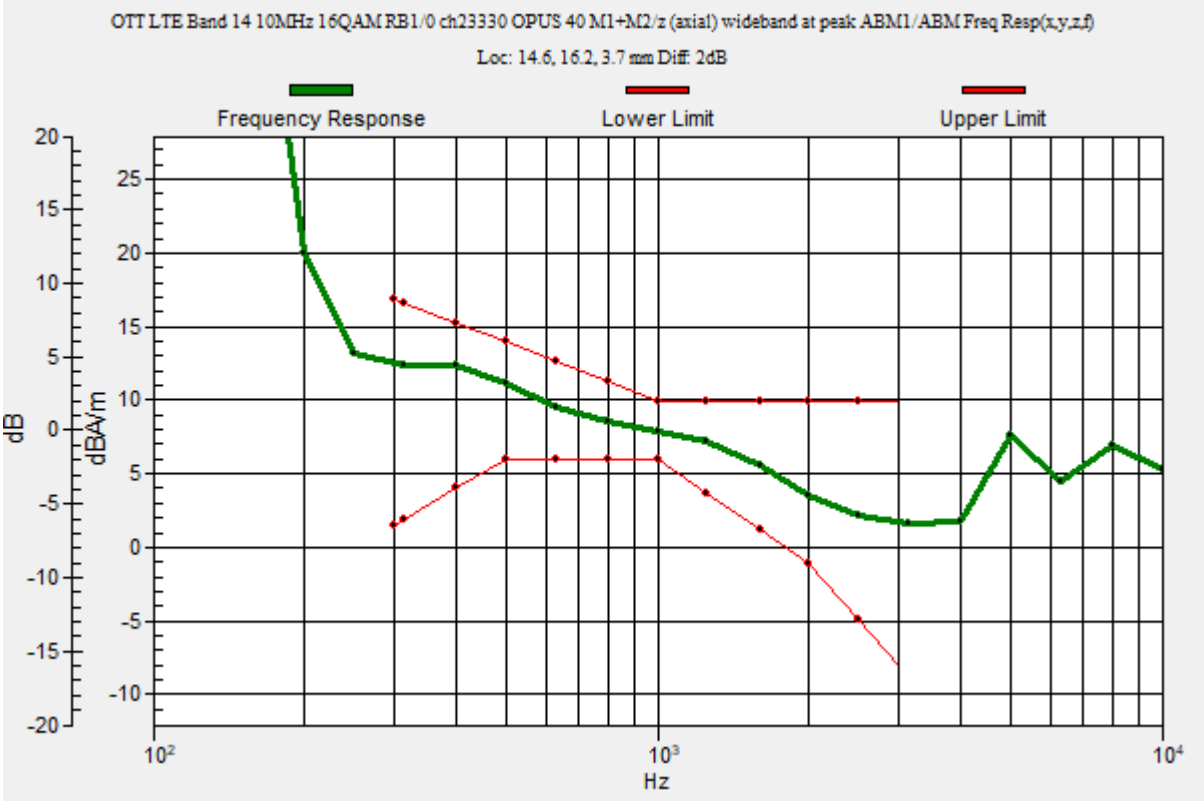
Communication System: UID 0, LTE (FDD) (0); Frequency: 793 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT LTE Band 14 10MHz 16QAM RB1/0 ch23330 OPUS 40 Ant.A+Ant.B/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 14.6, 16.2, 3.7 mm



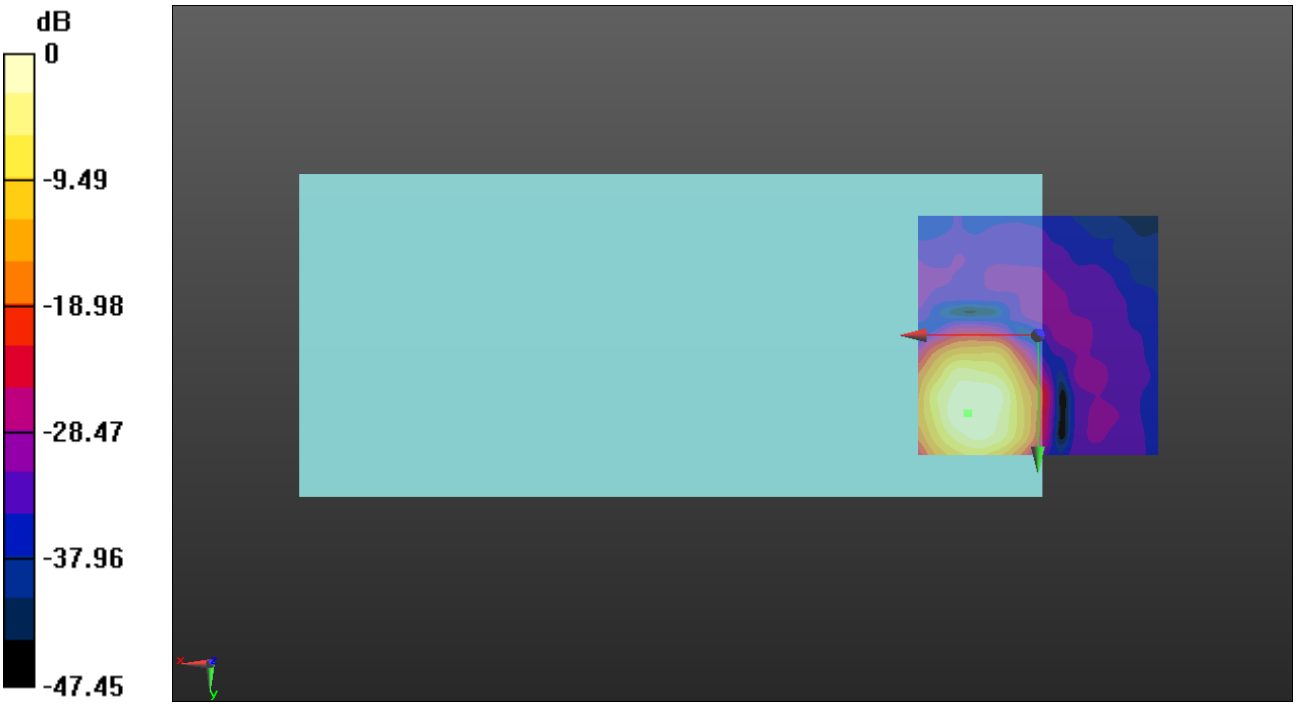
OTT LTE FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 793 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 14 10MHz 16QAM RB1/0 ch23330 OPUS 40 Ant.A+Ant.B/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 49.00 dB
ABM1 = 7.10 dBA/m
ABM2 = -41.90 dBA/m
BWC Factor = 0.16 dB
Location: 14.6, 16.2, 3.7 mm



0 dB = 2.263 A/m = 7.09 dBA/m

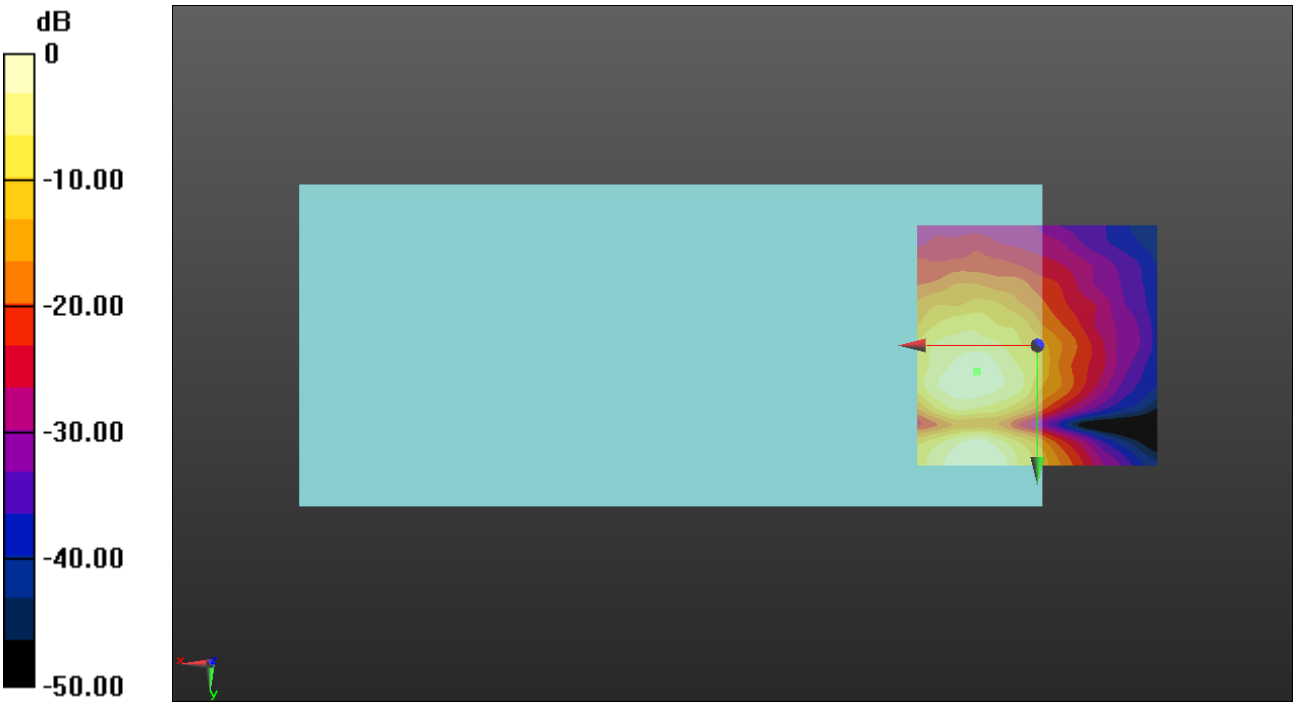
OTT LTE FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 793 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 14 10MHz 16QAM RB1/0 ch23330 OPUS 40 Ant.A+Ant.B/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 38.82 dB
ABM1 = -0.59 dBA/m
ABM2 = -39.41 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 5.4, 3.7 mm



0 dB = 0.9341 A/m = −0.59 dBA/m

OTT LTE FDD

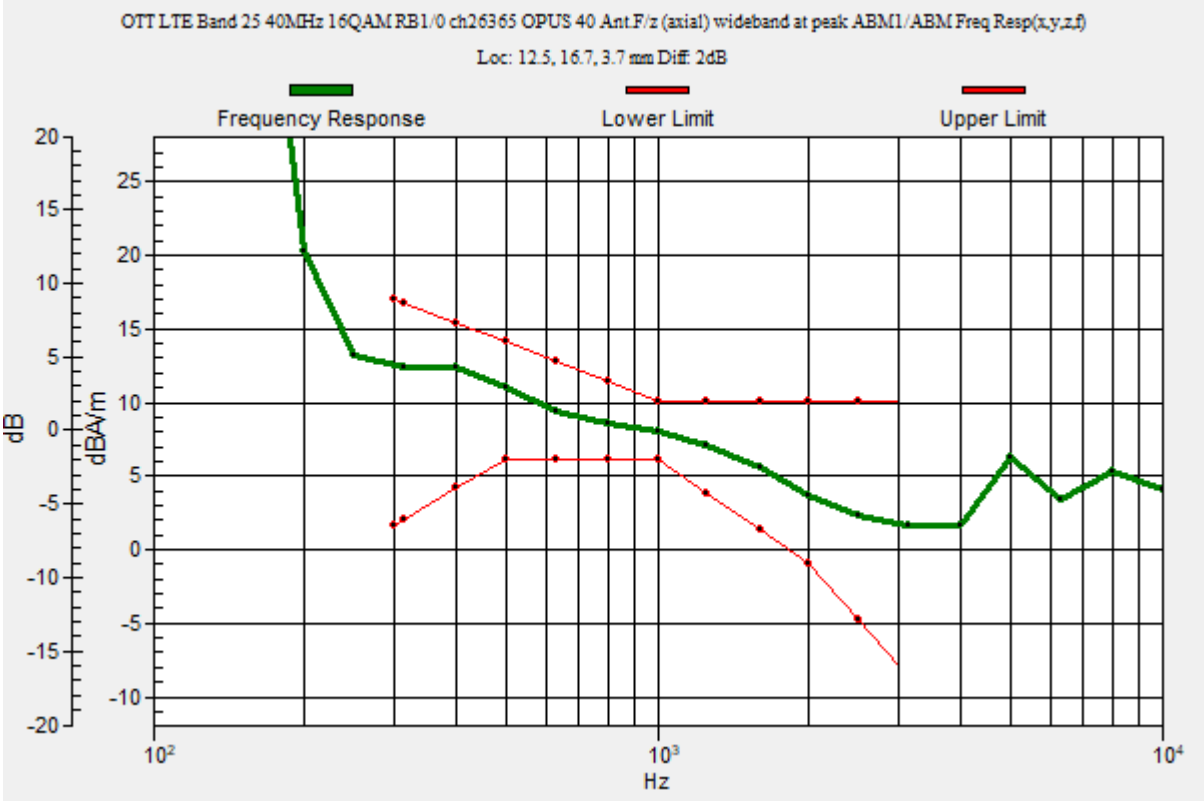
Communication System: UID 0, LTE (FDD) (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT LTE Band 25 40MHz 16QAM RB1/0 ch26365 OPUS 40 Ant.F/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.5, 16.7, 3.7 mm



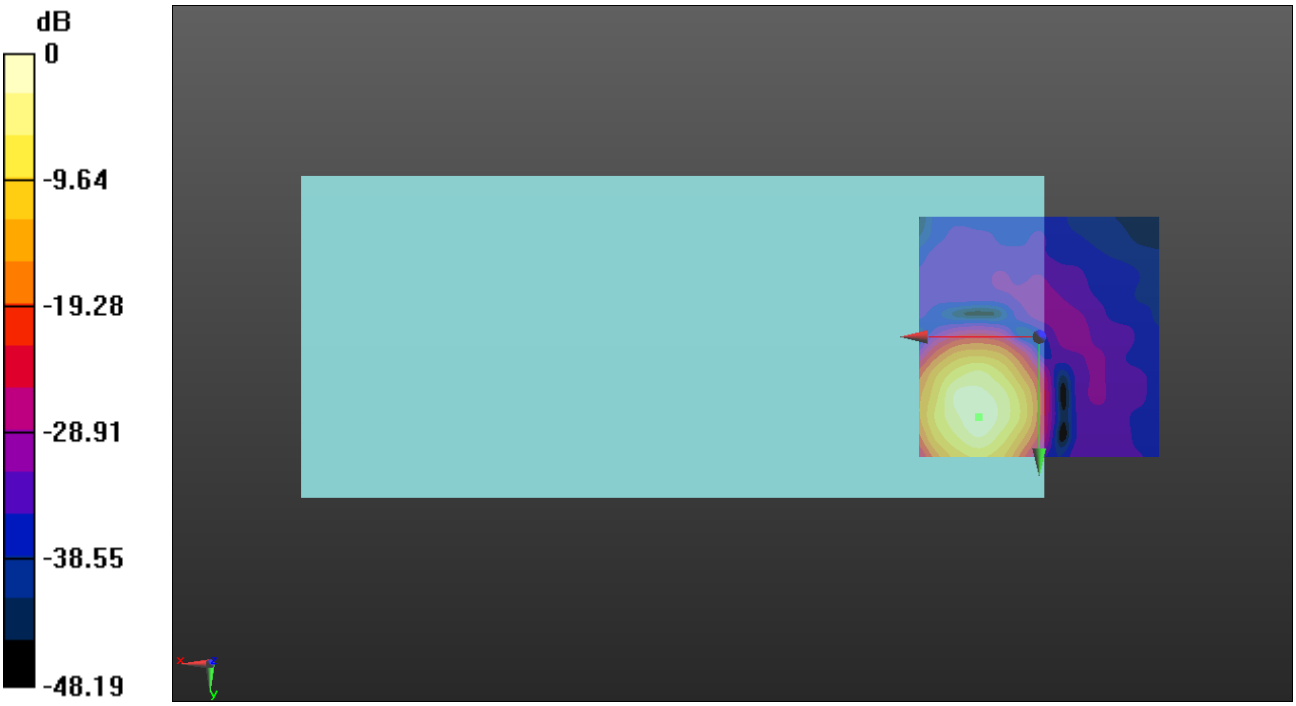
OTT LTE FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 25 40MHz 16QAM RB1/0 ch26365 OPUS 40 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 52.09 dB
ABM1 = 8.14 dBA/m
ABM2 = -43.95 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 16.7, 3.7 mm



0 dB = 2.552 A/m = 8.14 dBA/m

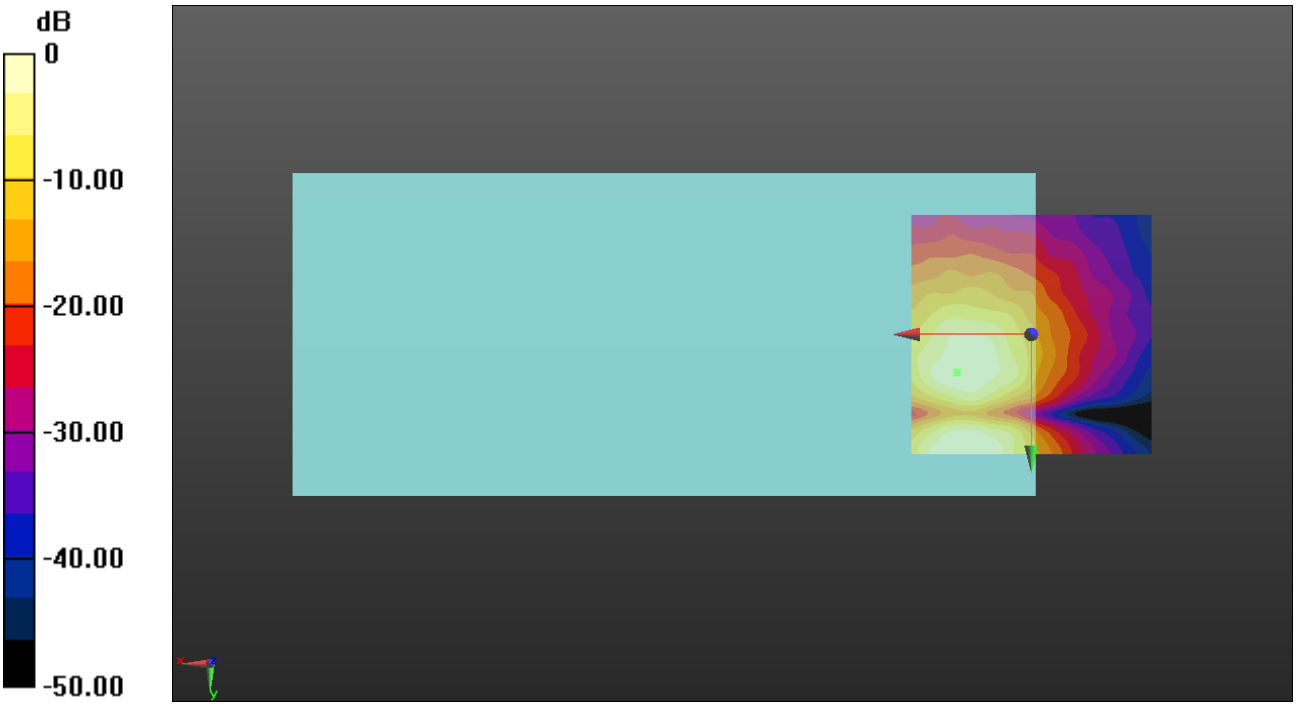
OTT LTE FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 25 40MHz 16QAM RB1/0 ch26365 OPUS 40 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 36.97 dB
ABM1 = -1.03 dBA/m
ABM2 = -38.00 dBA/m
BWC Factor = 0.16 dB
Location: 15.4, 7.9, 3.7 mm



0 dB = 0.8877 A/m = −1.03 dBA/m

OTT LTE FDD

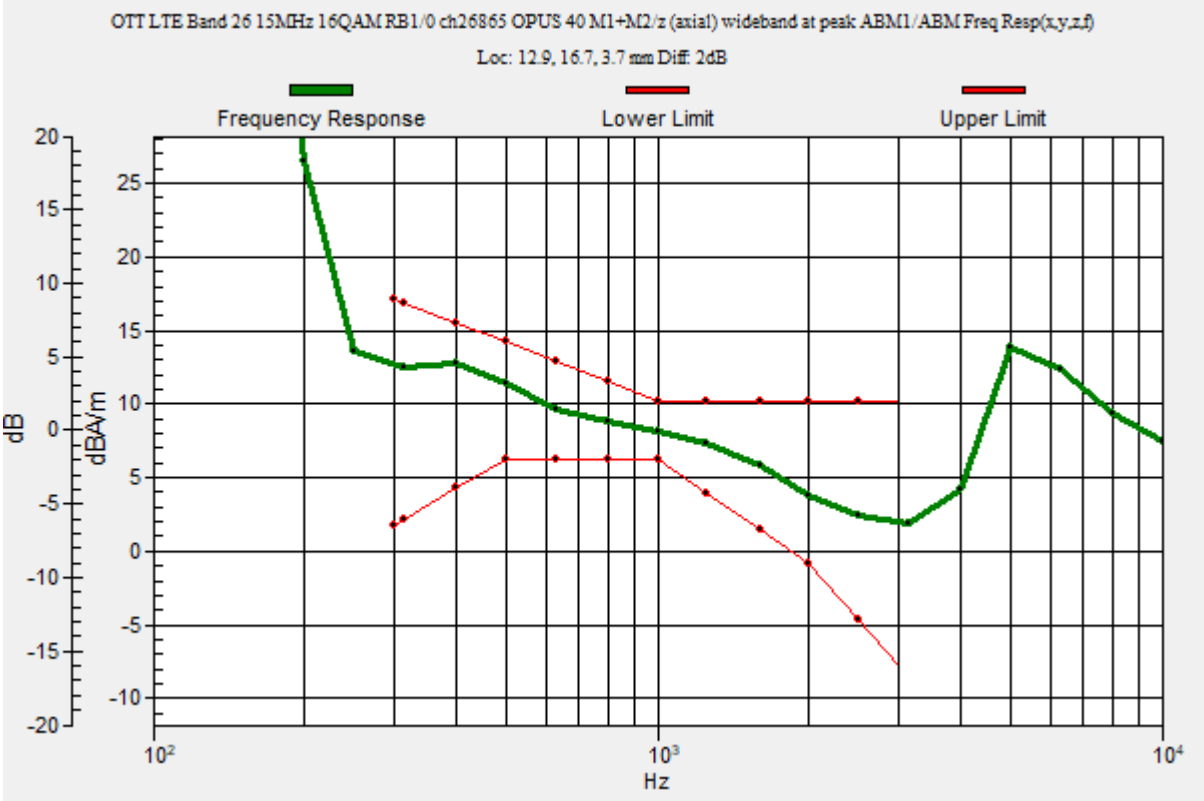
Communication System: UID 0, LTE (FDD) (0); Frequency: 831.5 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT LTE Band 26 15MHz 16QAM RB1/0 ch26865 OPUS 40 Ant.A+Ant.B/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.9, 16.7, 3.7 mm



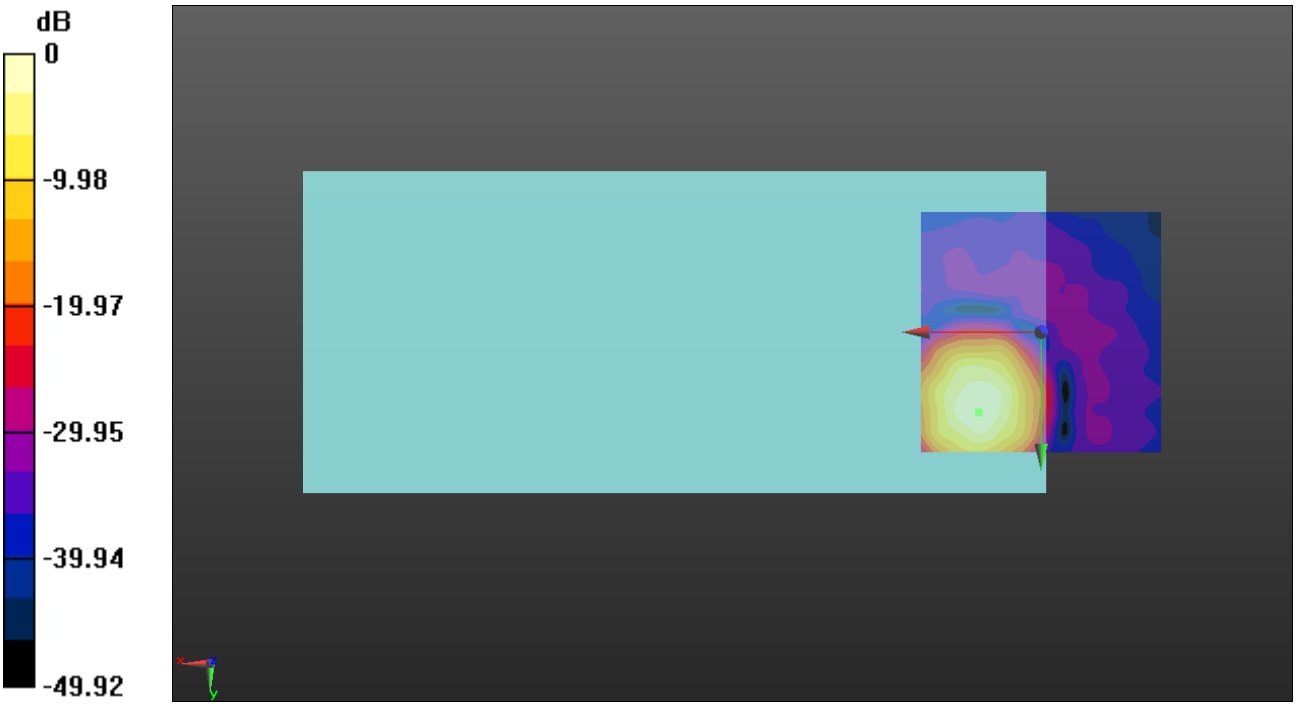
OTT LTE FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 26 15MHz 16QAM RB1/0 ch26865 OPUS 40 Ant.A+Ant.B/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 56.33 dB
ABM1 = 8.45 dBA/m
ABM2 = -47.88 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 16.7, 3.7 mm



0 dB = 2.645 A/m = 8.45 dBA/m

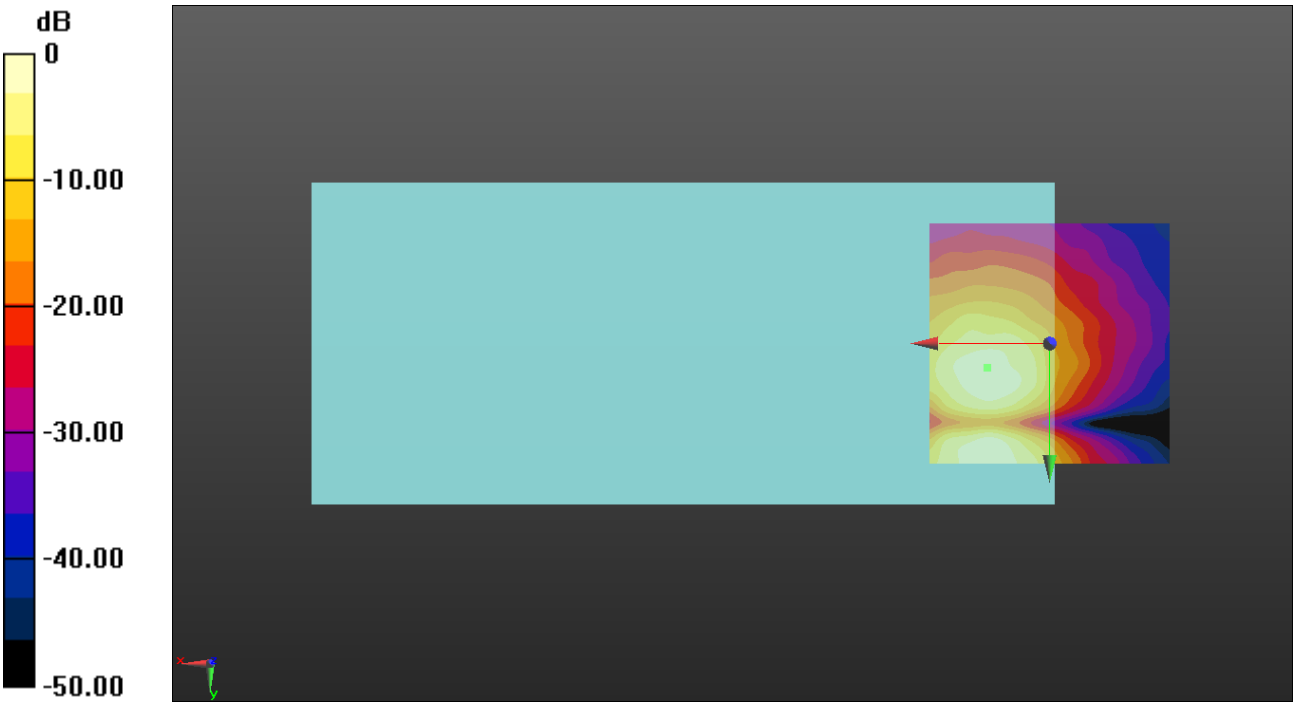
OTT LTE FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 26 15MHz 16QAM RB1/0 ch26865 OPUS 40 Ant.A+Ant.B/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 45.11 dB
ABM1 = -0.61 dBA/m
ABM2 = -45.72 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 5, 3.7 mm



0 dB = 0.9323 A/m = −0.61 dBA/m

OTT LTE FDD

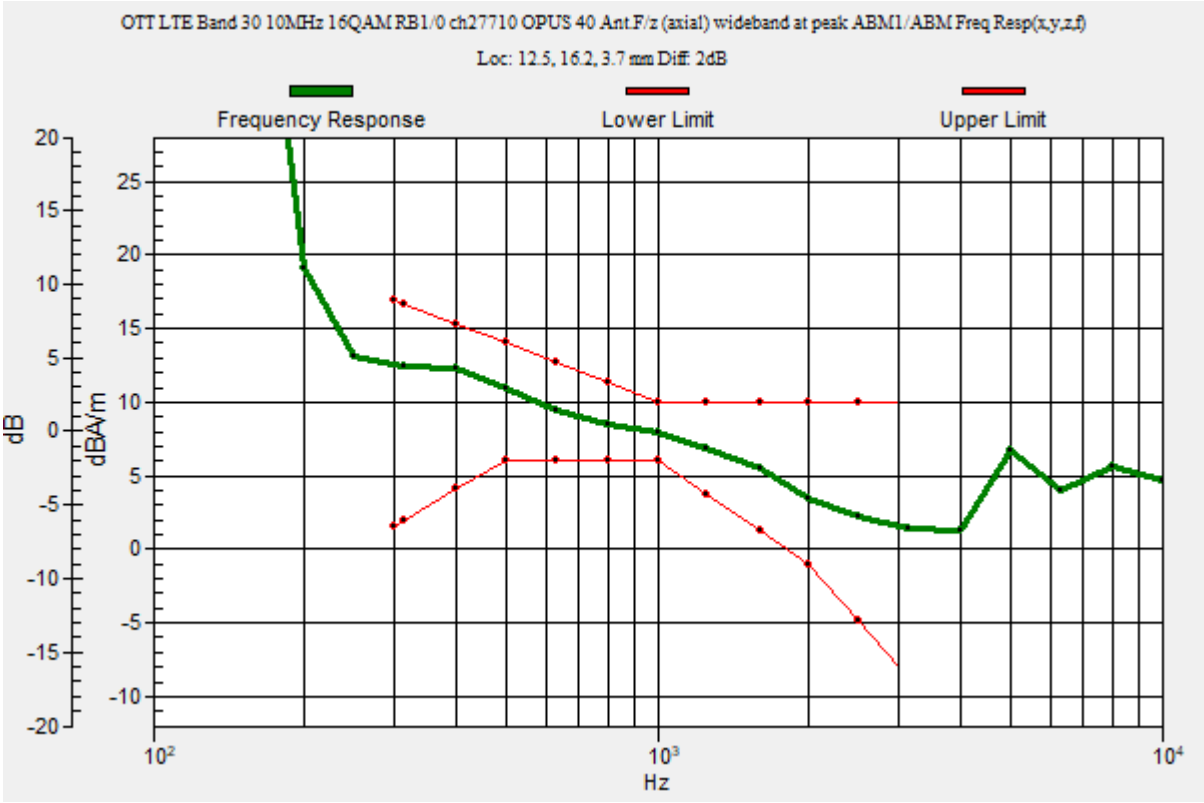
Communication System: UID 0, LTE (FDD) (0); Frequency: 2310 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT LTE Band 30 10MHz 16QAM RB1/0 ch27710 OPUS 40 Ant.F/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.5, 16.2, 3.7 mm



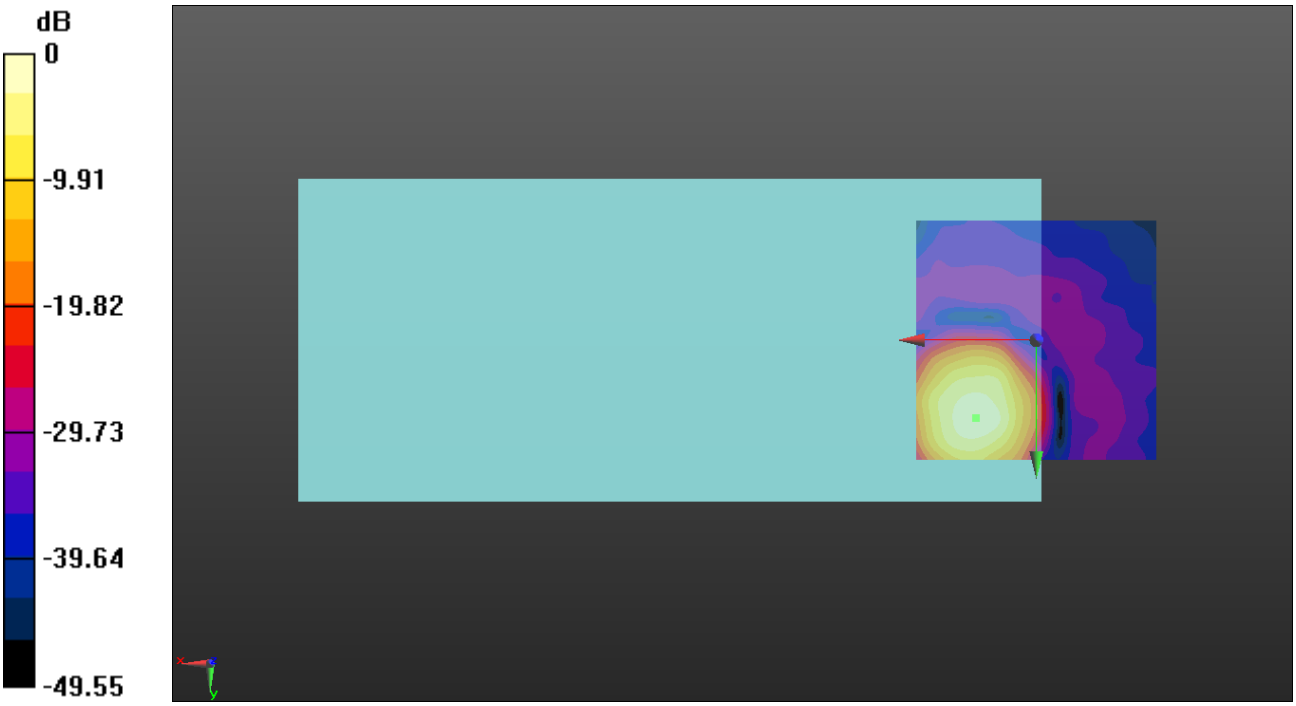
OTT LTE FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 2310 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 30 10MHz 16QAM RB1/0 ch27710 OPUS 40 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 51.29 dB
ABM1 = 7.93 dBA/m
ABM2 = -43.36 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 16.2, 3.7 mm



0 dB = 2.492 A/m = 7.93 dBA/m

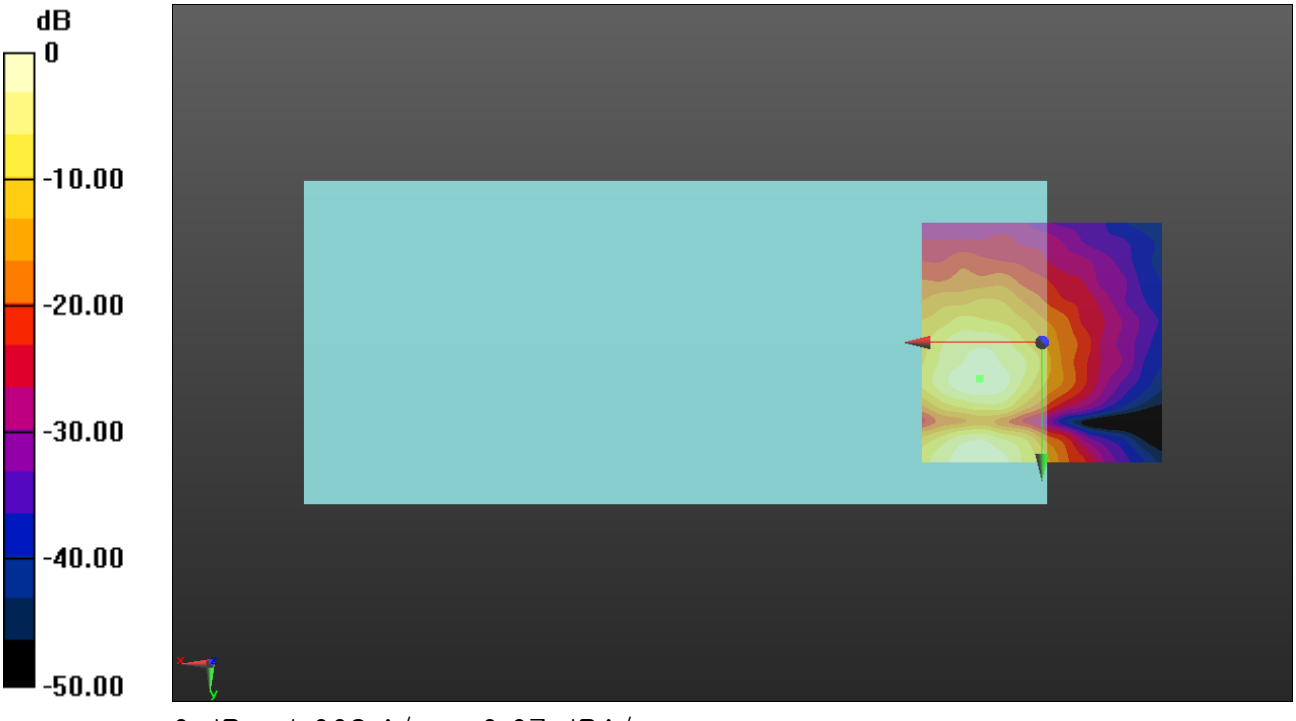
OTT LTE FDD ㄴ

Communication System: UID 0, LTE (FDD) (0); Frequency: 2310 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 30 10MHz 16QAM RB1/0 ch27710 OPUS 40 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 39.34 dB
ABM1 = 0.07 dBA/m
ABM2 = -39.27 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.5, 3.7 mm



0 dB = 1.008 A/m = 0.07 dBA/m

OTT LTE FDD

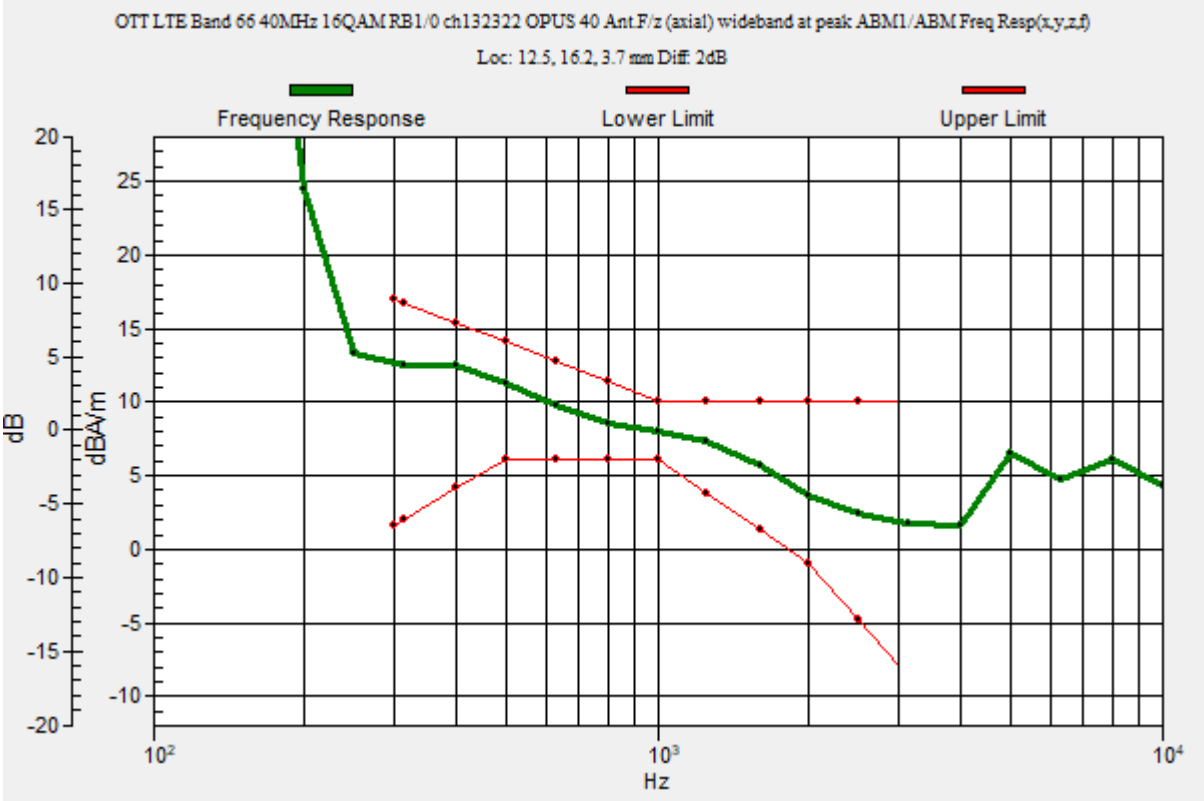
Communication System: UID 0, LTE (FDD) (0); Frequency: 1745 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT LTE Band 66 40MHz 16QAM RB1/0 ch132322 OPUS 40 Ant.F/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.5, 16.2, 3.7 mm



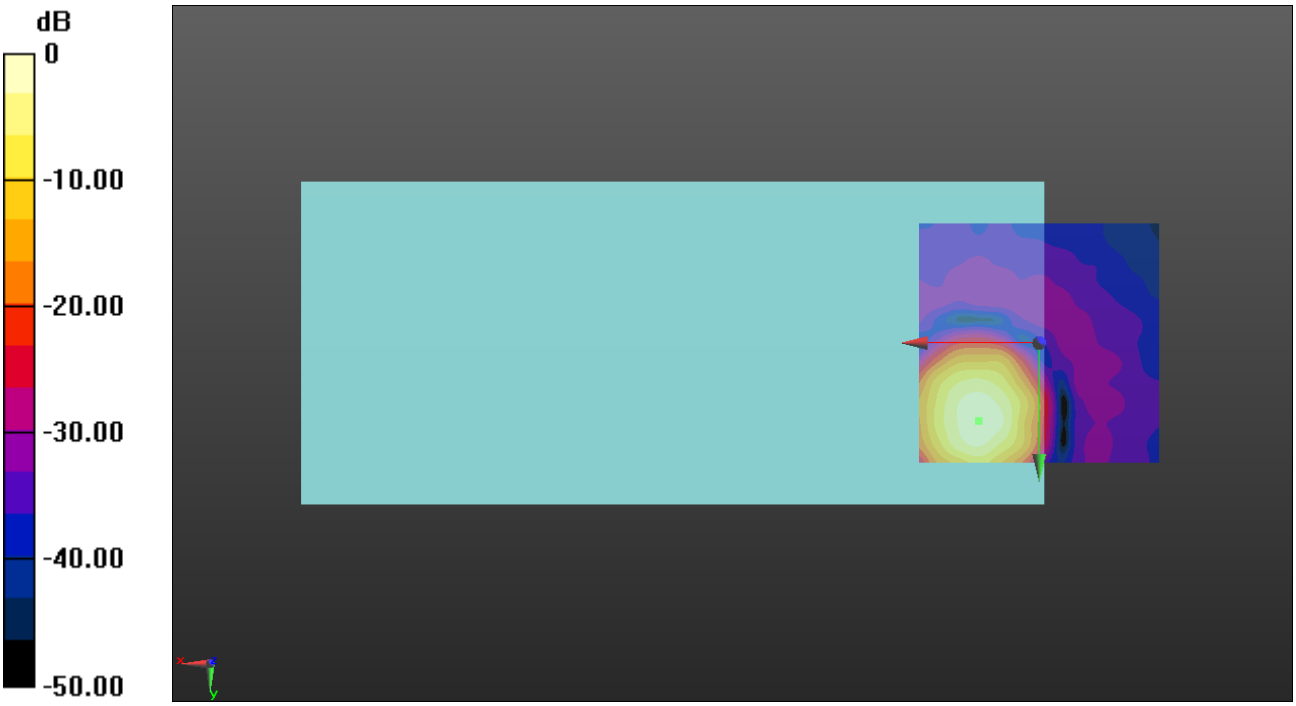
OTT LTE FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 40MHz 16QAM RB1/0 ch132322 OPUS 40 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 52.30 dB
ABM1 = 8.15 dBA/m
ABM2 = -44.15 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 16.2, 3.7 mm



0 dB = 2.557 A/m = 8.15 dBA/m

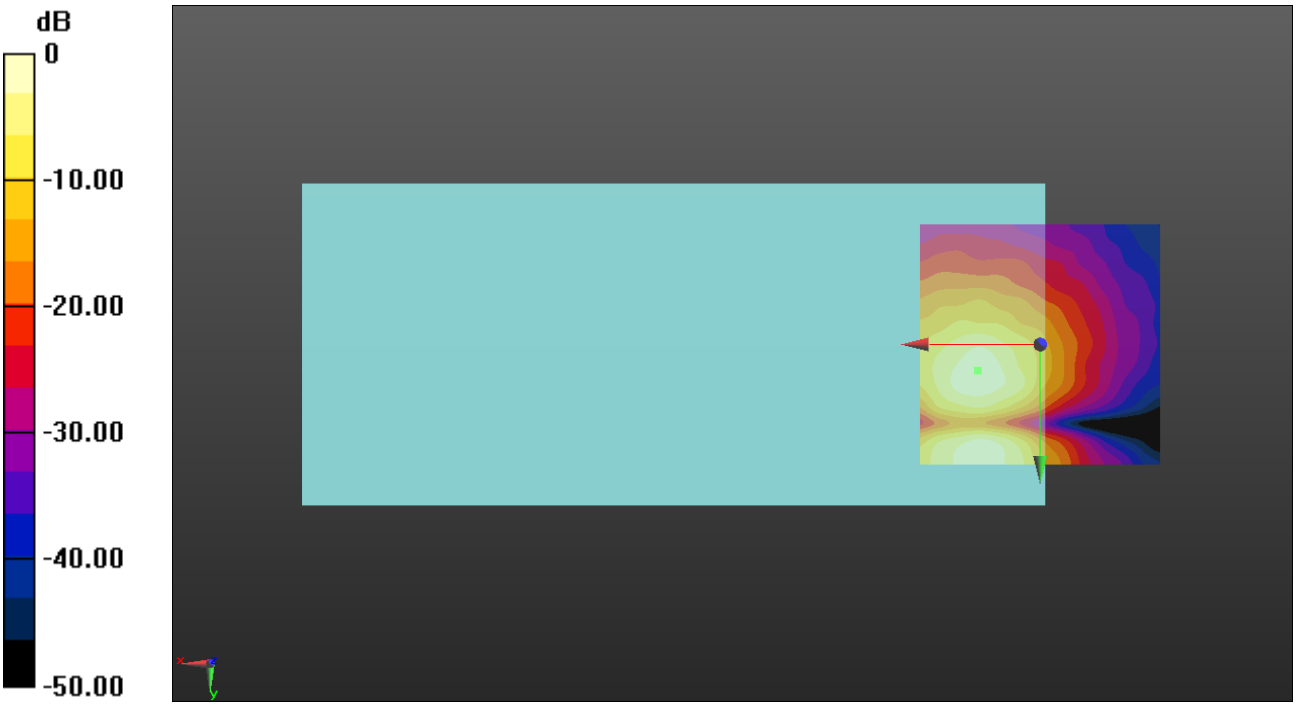
OTT LTE FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 40MHz 16QAM RB1/0 ch132322 OPUS 40 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 38.48 dB
ABM1 = -0.84 dBA/m
ABM2 = -39.32 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 5.4, 3.7 mm



0 dB = 0.9953 A/m = −0.04 dBA/m

OTT LTE FDD

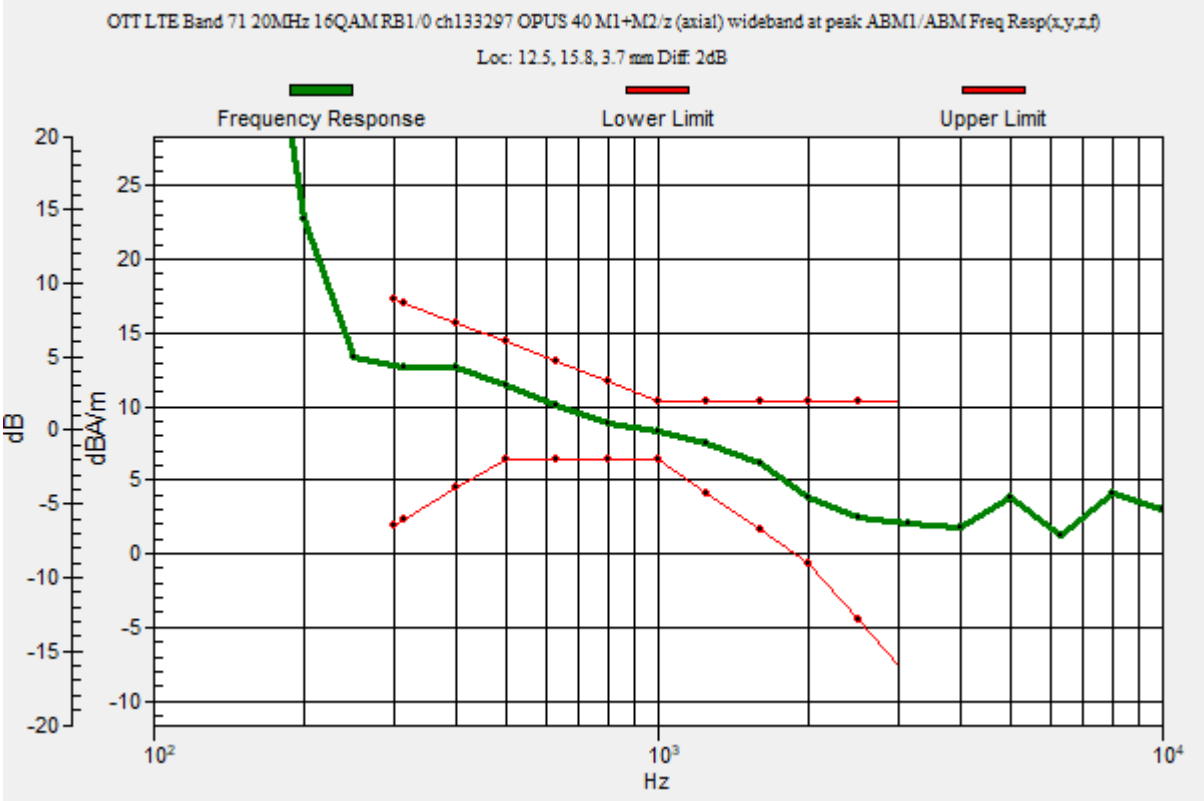
Communication System: UID 0, LTE (FDD) (0); Frequency: 680.5 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT LTE Band 71 20MHz 16QAM RB1/0 ch133297 OPUS 40 Ant.A+Ant.B/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.5, 15.8, 3.7 mm



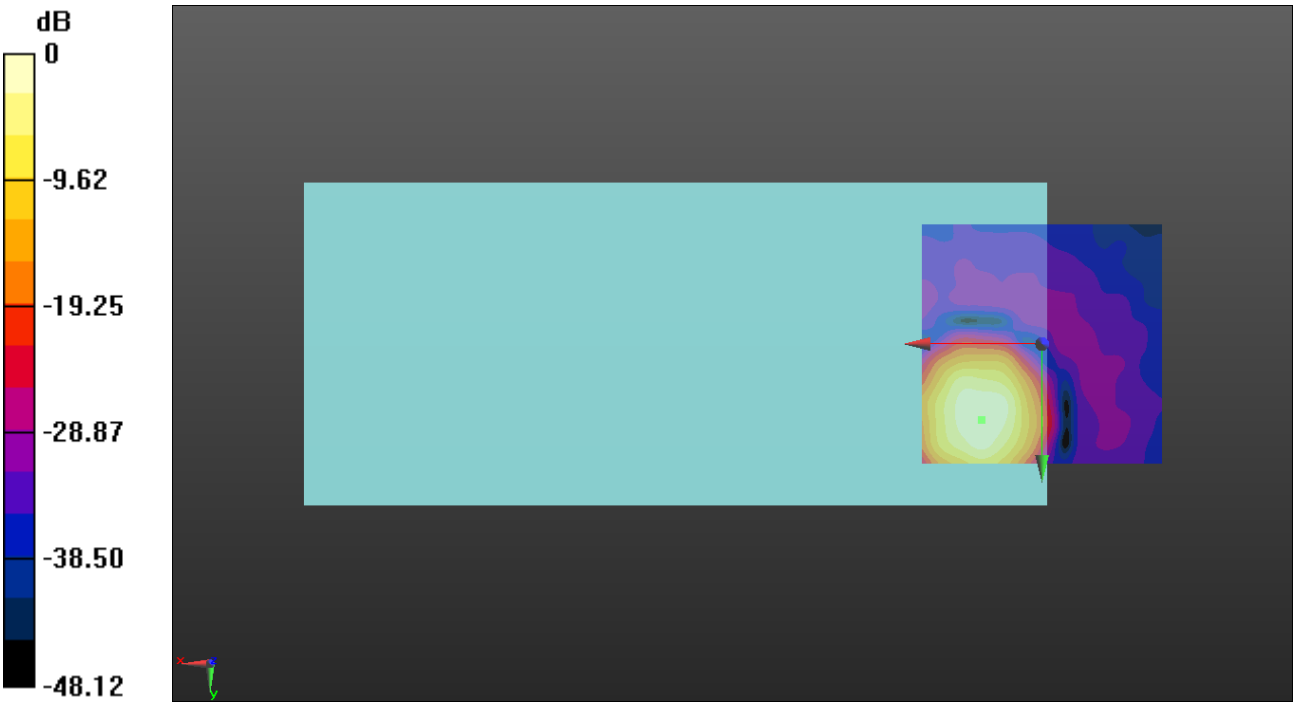
OTT LTE FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 680.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 71 20MHz 16QAM RB1/0 ch133297 OPUS 40 Ant.A+Ant.B/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 56.17 dB
ABM1 = 7.14 dBA/m
ABM2 = -49.03 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 15.8, 3.7 mm



0 dB = 2.276 A/m = 7.14 dBA/m

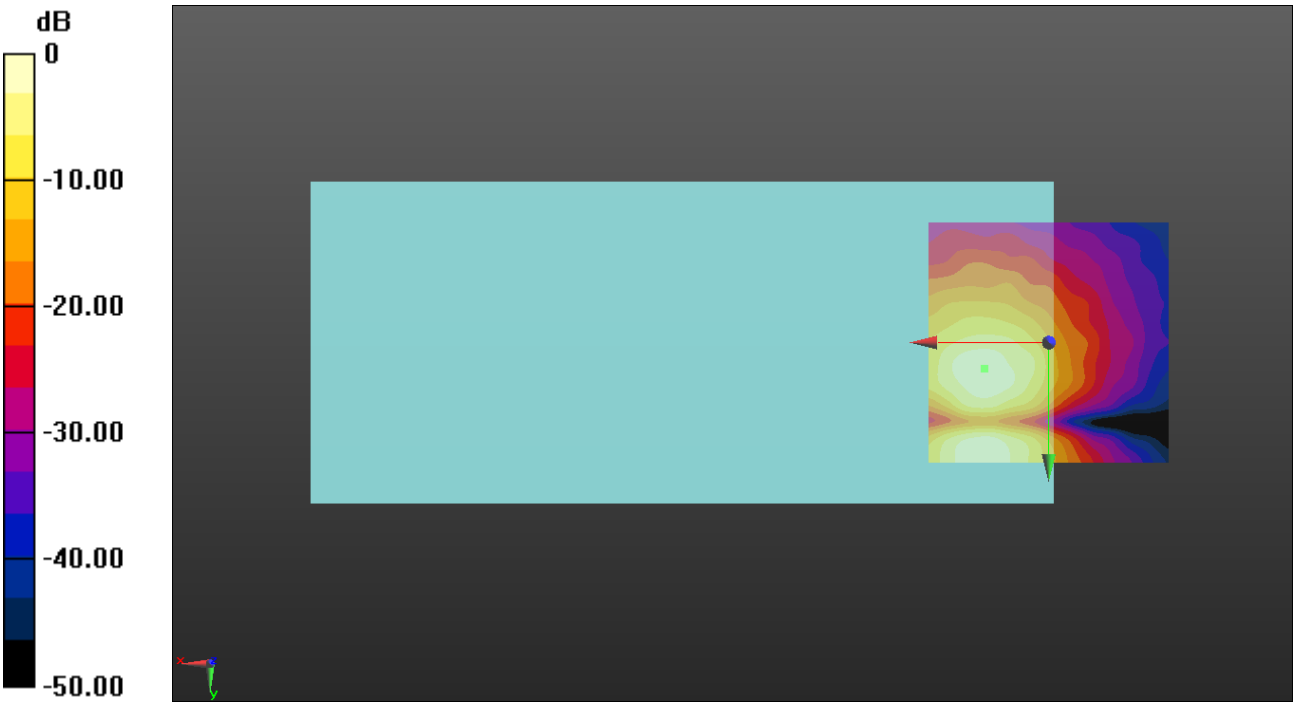
OTT LTE FDD

Communication System: UID 0, LTE (FDD) (0); Frequency: 680.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 71 20MHz 16QAM RB1/0 ch133297 OPUS 40 Ant.A+Ant.B/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 45.21 dB
ABM1 = -0.69 dBA/m
ABM2 = -45.90 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 5.4, 3.7 mm



0 dB = 0.9644 A/m = −0.31 dBA/m

OTT LTE TDD

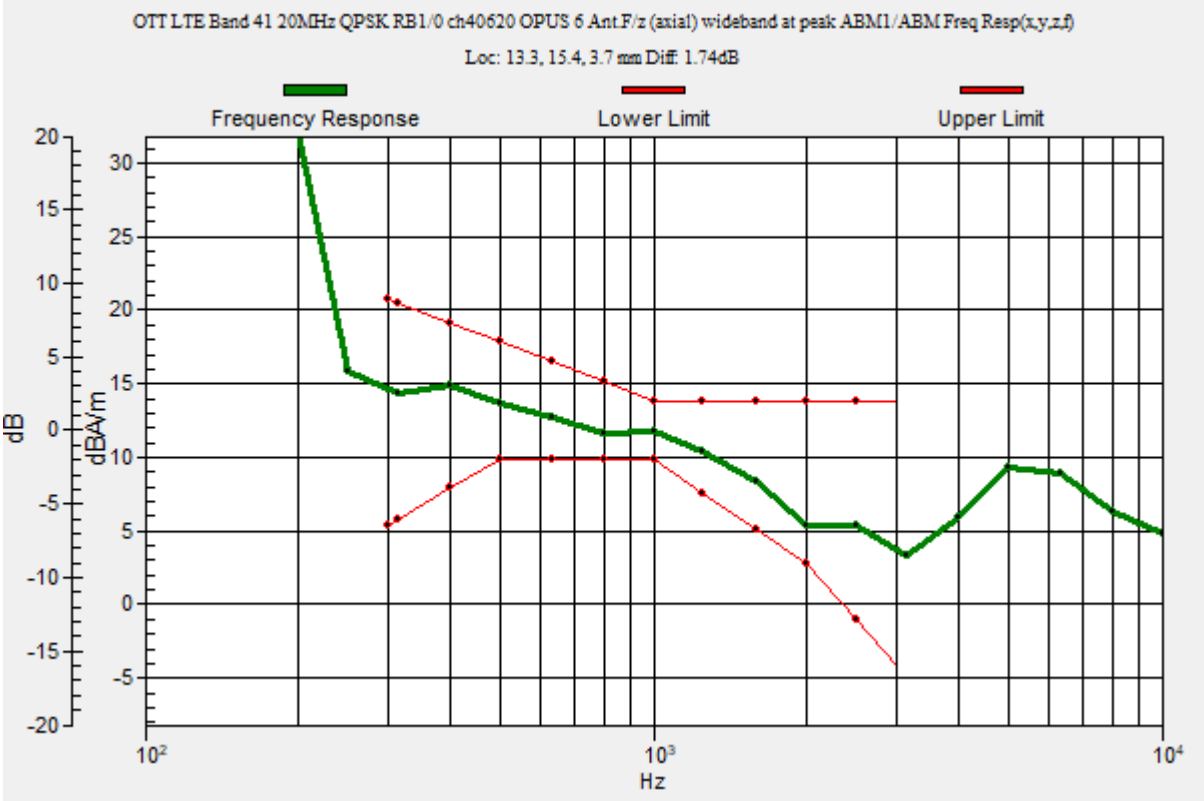
Communication System: UID 0, LTE (TDD) (0); Frequency: 2593 MHz;Duty Cycle: 1:1.59956

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT LTE Band 41 20MHz QPSK RB1/0 ch40620 OPUS 6 Ant.F/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: 40.83
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 = 1.74 dB
BWC Factor = 10.80 dB
Location: 13.3, 15.4, 3.7 mm



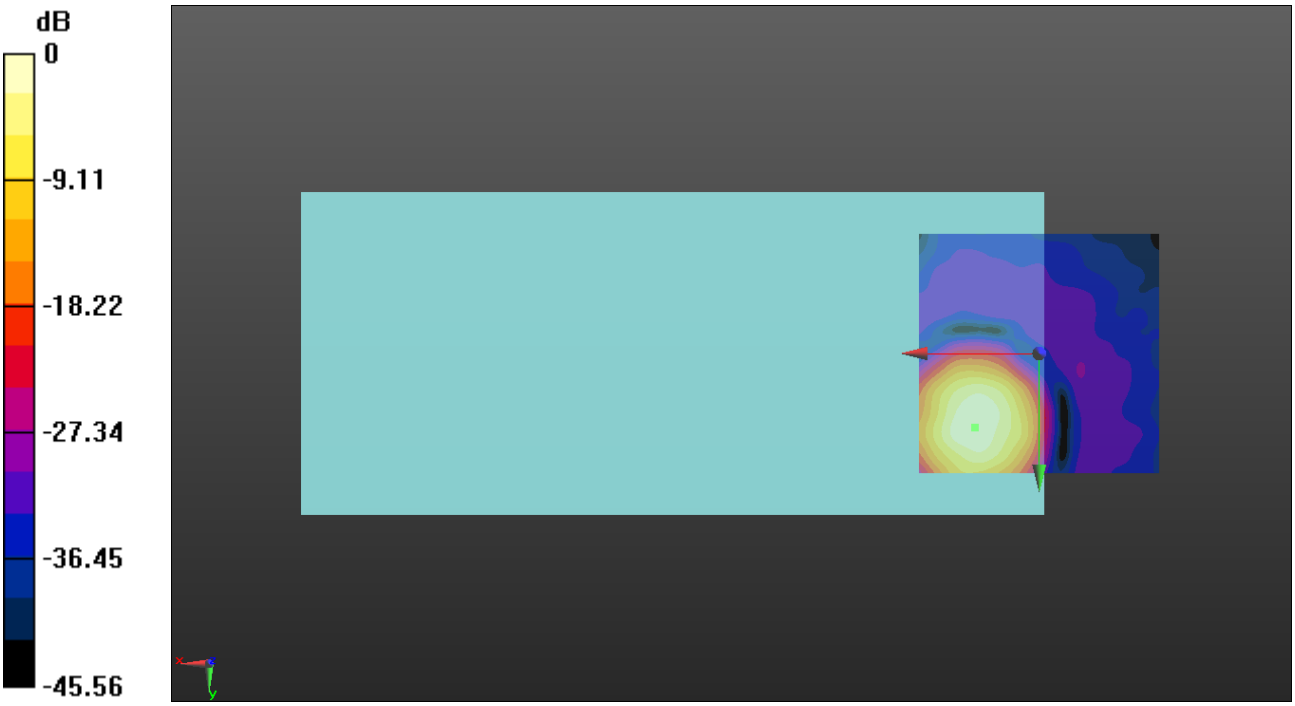
OTT LTE TDD

Communication System: UID 0, LTE (TDD) (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59956
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 41 20MHz QPSK RB1/0 ch40620 OPUS 6 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 38.91 dB
ABM1 = 9.37 dBA/m
ABM2 = -29.54 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 15.4, 3.7 mm



0 dB = 2.940 A/m = 9.37 dBA/m

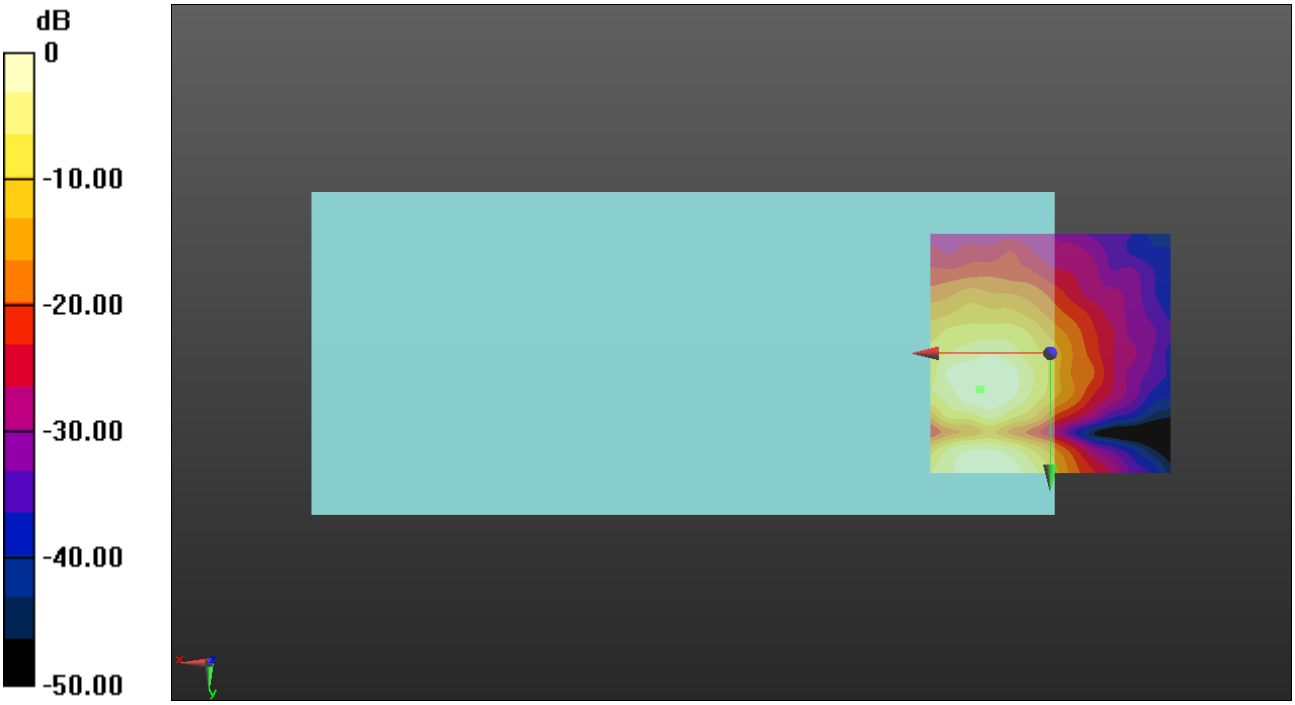
OTT LTE TDD

Communication System: UID 0, LTE (TDD) (0); Frequency: 2593 MHz; Duty Cycle: 1:1.59956
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
-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 41 20MHz QPSK RB1/0 ch40620 OPUS 6 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 34.10 dB
ABM1 = 1.25 dBA/m
ABM2 = -32.85 dBA/m
BWC Factor = 0.16 dB
Location: 14.6, 7.5, 3.7 mm



0 dB = 1.154 A/m = 1.24 dBA/m

OTT LTE TDD

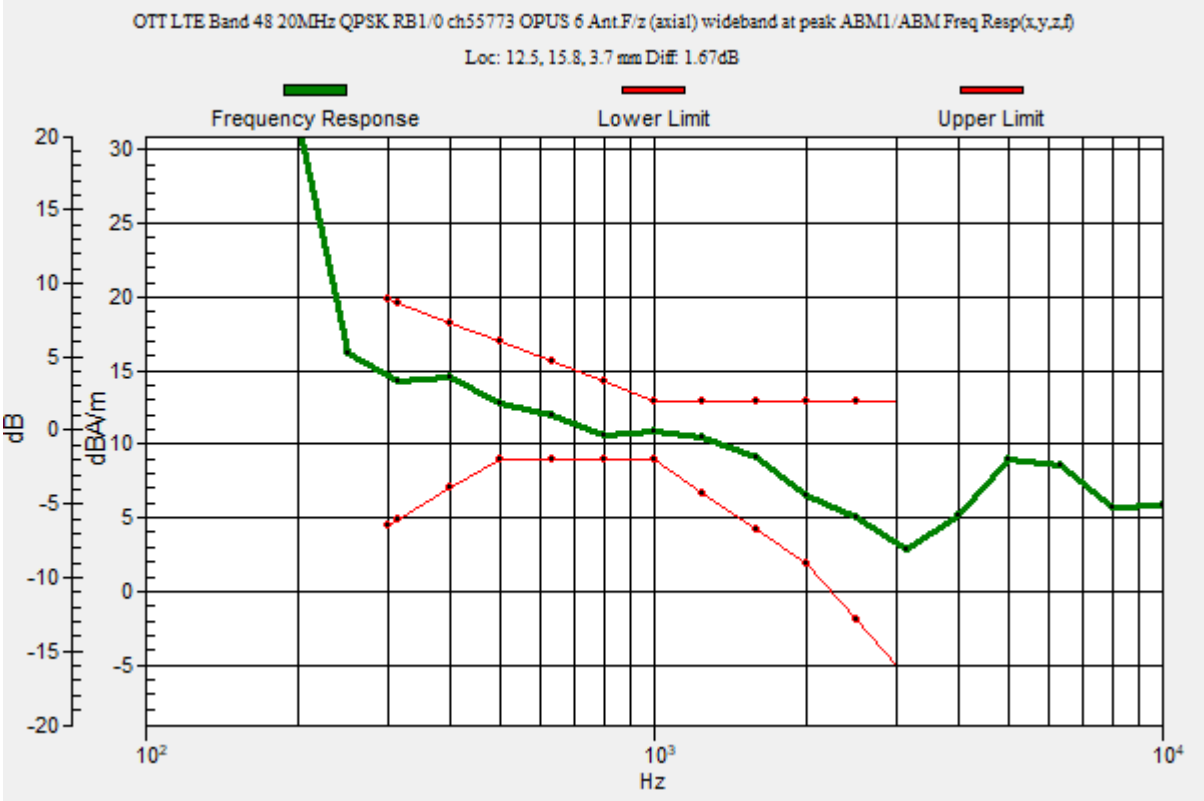
Communication System: UID 0, LTE (TDD) (0); Frequency: 3603.3 MHz;Duty Cycle: 1:1.59956

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT LTE Band 48 20MHz QPSK RB1/0 ch55773 OPUS 6 Ant.F/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: 40.83
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 = 1.67 dB
BWC Factor = 10.80 dB
Location: 12.5, 15.8, 3.7 mm



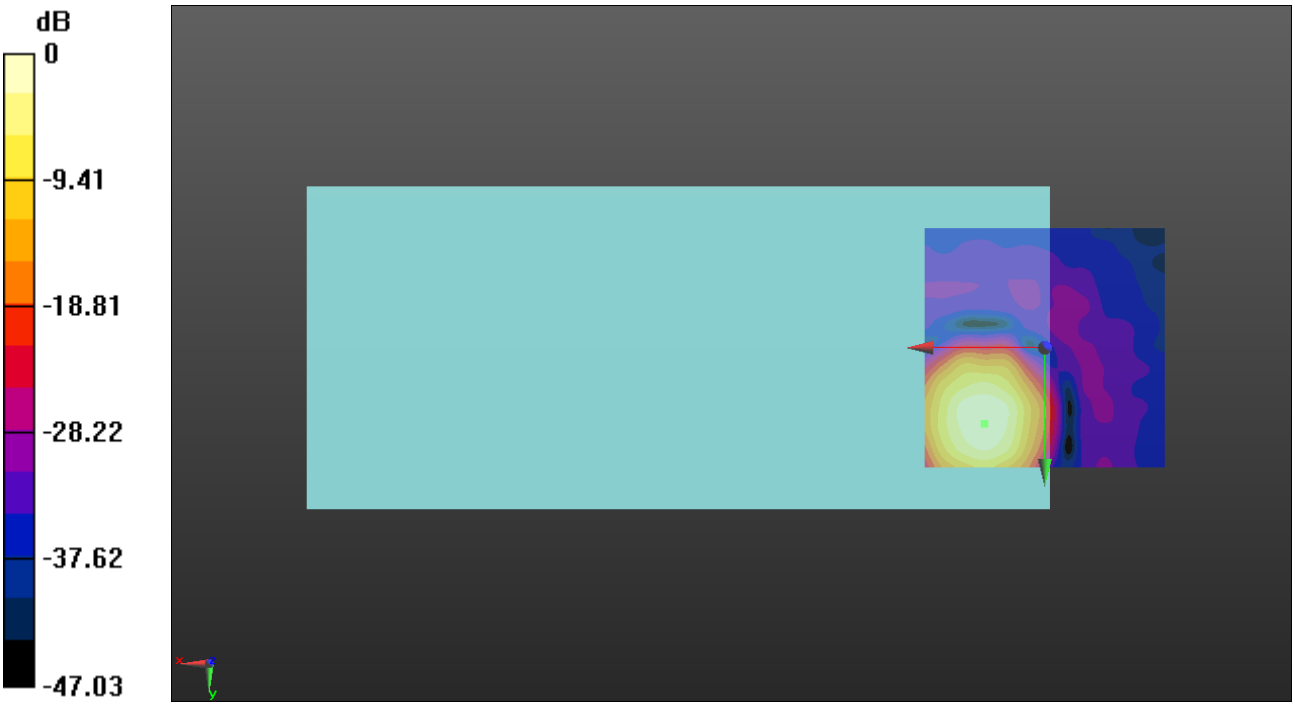
OTT LTE TDD

Communication System: UID 0, LTE (TDD) (0); Frequency: 3603.3 MHz; Duty Cycle: 1:1.59956
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 OPUS 6 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 41.78 dB
ABM1 = 9.18 dBA/m
ABM2 = -32.60 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 15.8, 3.7 mm



0 dB = 2.878 A/m = 9.18 dBA/m

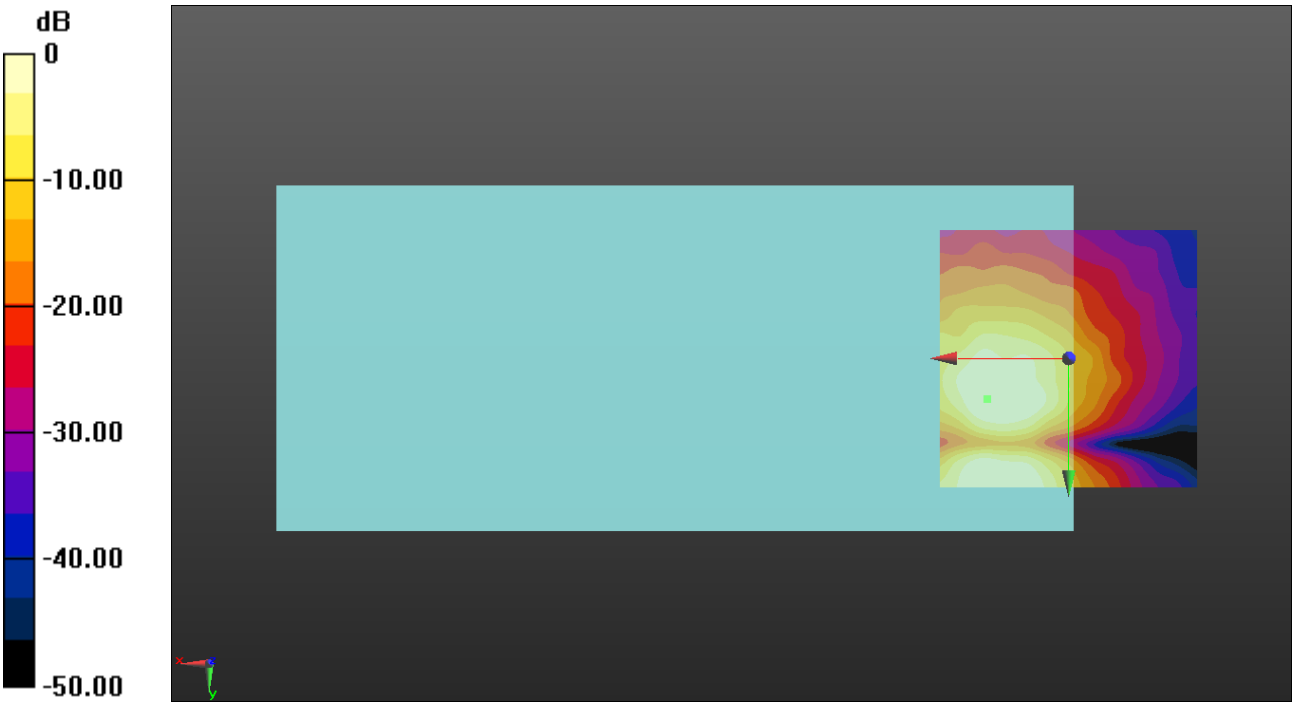
OTT LTE TDD

Communication System: UID 0, LTE (TDD) (0); Frequency: 3603.3 MHz; Duty Cycle: 1:1.59956
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 OPUS 6 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 29.89 dB
ABM1 = 1.56 dBA/m
ABM2 = -28.33 dBA/m
BWC Factor = 0.16 dB
Location: 15.8, 7.9, 3.7 mm



0 dB = 1.000 A/m = 0.00 dBA/m

OTT NR FDD

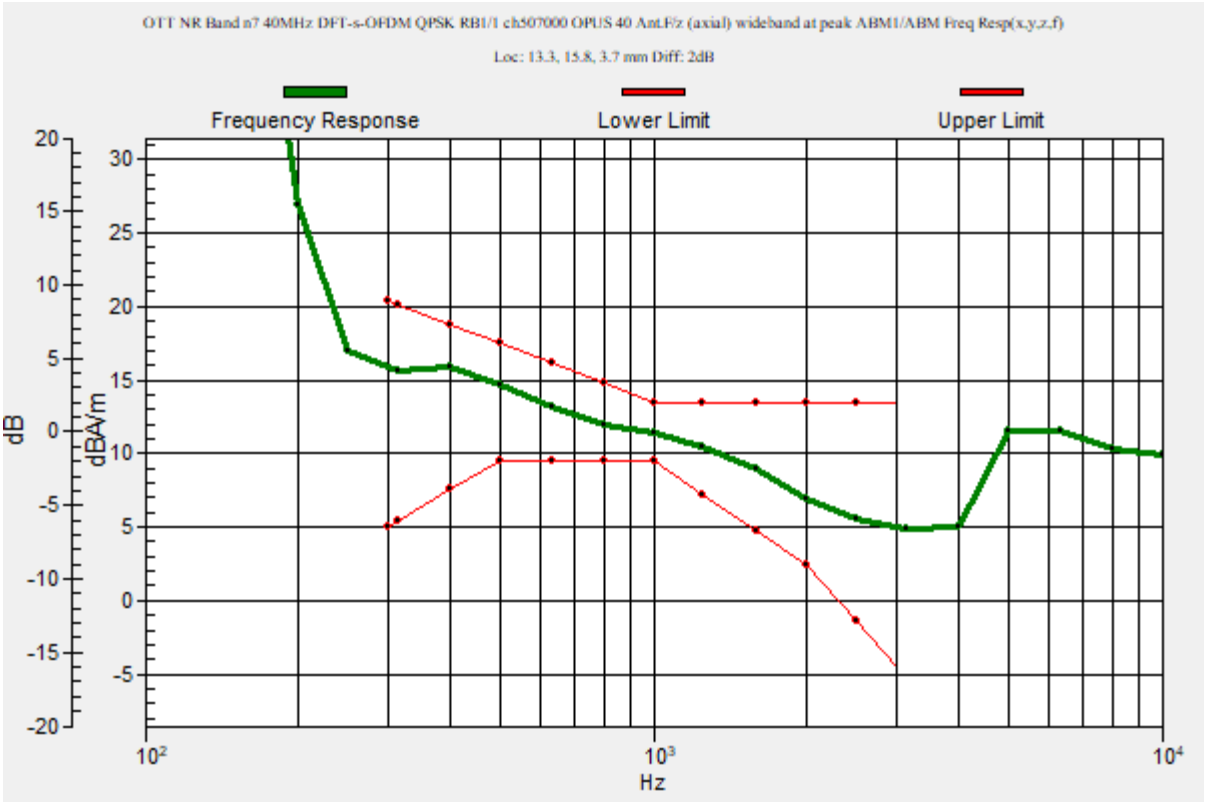
Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2535 MHz;Duty Cycle: 1:3.55877

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT NR Band n7 40MHz DFT-s-OFDM QPSK RB1/1 ch507000 OPUS 40 Ant.F/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 13.3, 15.8, 3.7 mm



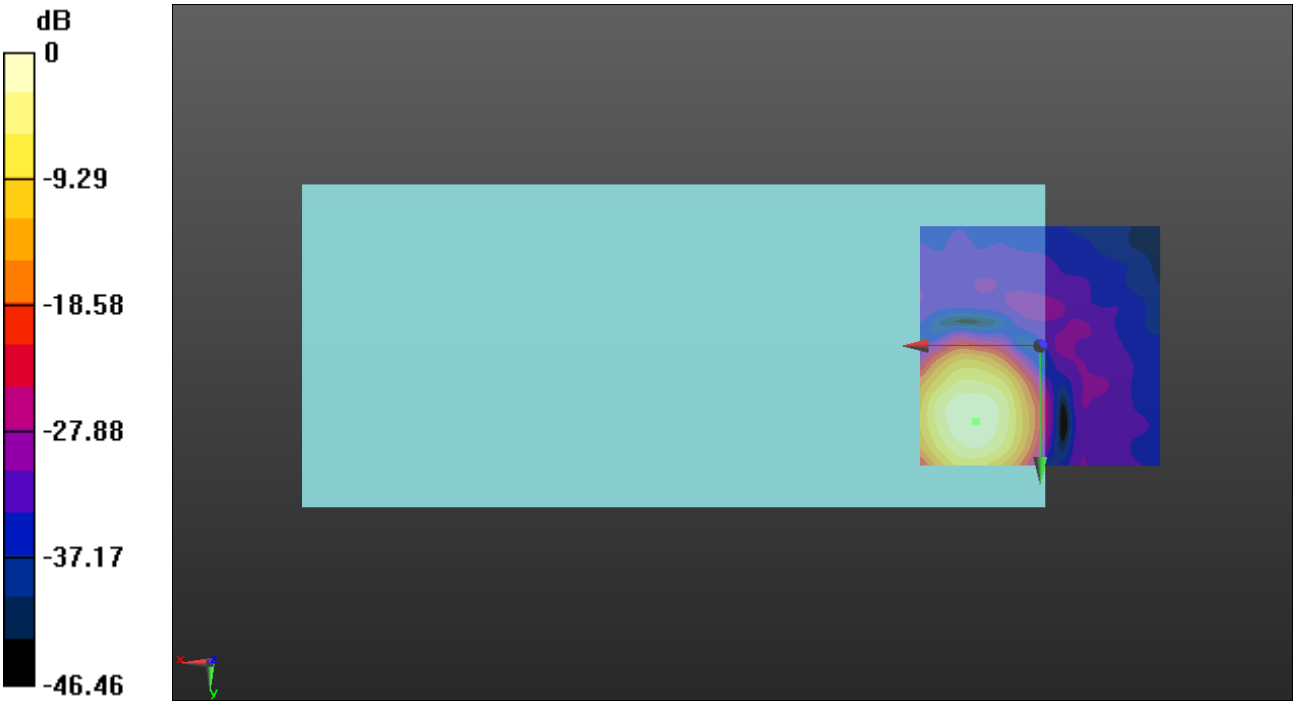
OTT NR FDD

Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2535 MHz;
Duty Cycle: 1:3.55877
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n7 40MHz DFT-s-OFDM QPSK RB1/1 ch507000 OPUS 40 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 45.60 dB
ABM1 = 9.87 dBA/m
ABM2 = -35.73 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 15.8, 3.7 mm



0 dB = 3.117 A/m = 9.87 dBA/m

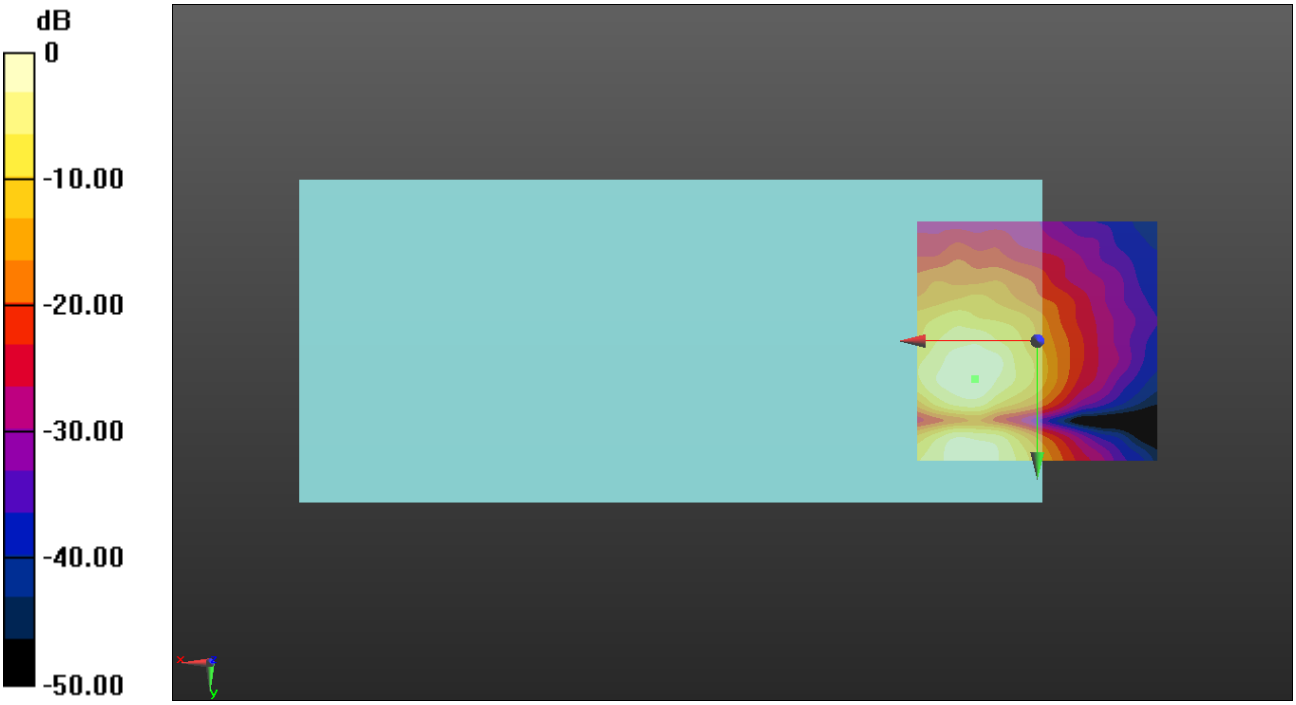
OTT NR FDD

Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 2535 MHz;
Duty Cycle: 1:3.55877
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n7 40MHz DFT-s-OFDM QPSK RB1/1 ch507000 OPUS 40 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 36.46 dB
ABM1 = 2.43 dBA/m
ABM2 = -33.93 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.9, 3.7 mm



0 dB = 1.323 A/m = 2.43 dBA/m

OTT NR FDD

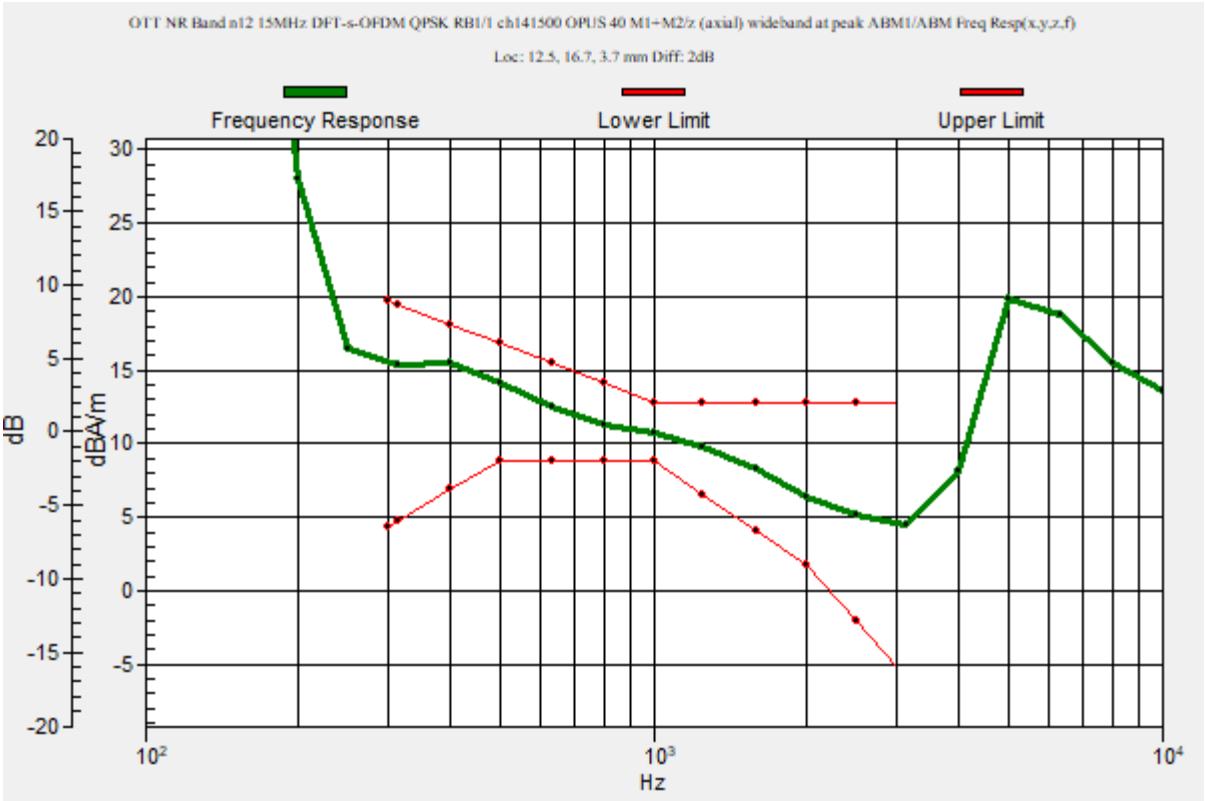
Communication System: UID 10930 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz); Frequency: 707.5 MHz;Duty Cycle: 1:3.56205

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT NR Band n12 15MHz DFT-s-OFDM QPSK RB1/1 ch141500 OPUS 40 Ant.A+Ant.B/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.5, 16.7, 3.7 mm



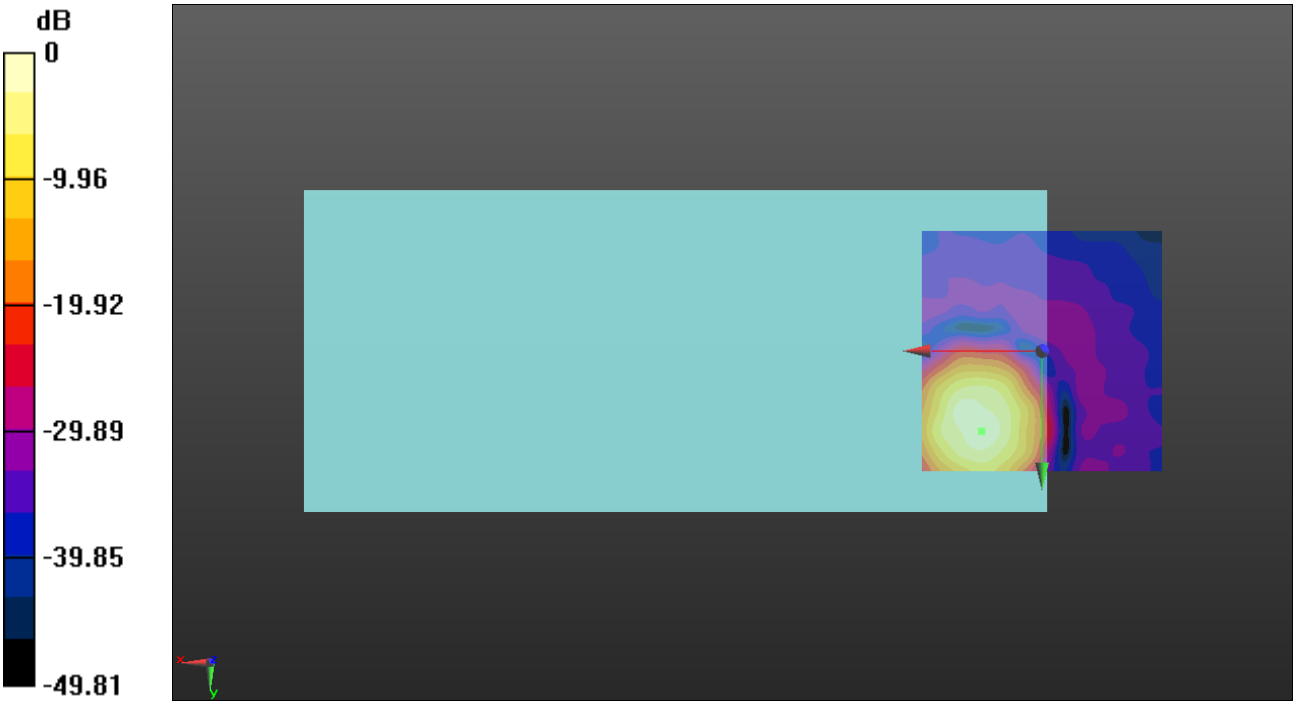
OTT NR FDD

Communication System: UID 10930 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz); Frequency: 707.5 MHz;
Duty Cycle: 1:3.56205
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n12 15MHz DFT-s-OFDM QPSK RB1/1 ch141500 OPUS 40 Ant.A+Ant.B/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 53.52 dB
ABM1 = 11.28 dBA/m
ABM2 = -42.24 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 16.7, 3.7 mm



0 dB = 3.665 A/m = 11.28 dBA/m

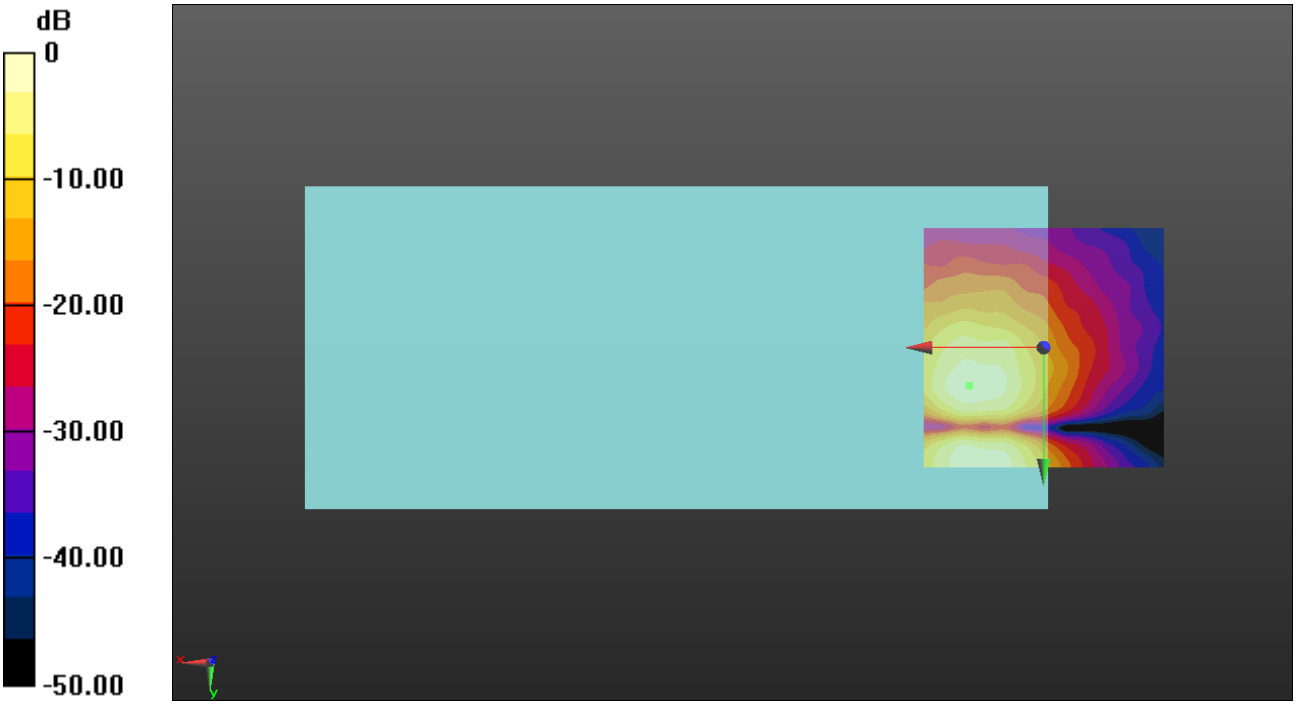
OTT NR FDD

Communication System: UID 10930 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz); Frequency: 707.5 MHz;
Duty Cycle: 1:3.56205
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n12 15MHz DFT-s-OFDM QPSK RB1/1 ch141500 OPUS 40 Ant.A+Ant.B/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 38.88 dB
ABM1 = 2.00 dBA/m
ABM2 = -36.88 dBA/m
BWC Factor = 0.16 dB
Location: 15.4, 7.9, 3.7 mm



0 dB = 1.394 A/m = 2.89 dBA/m

OTT NR FDD

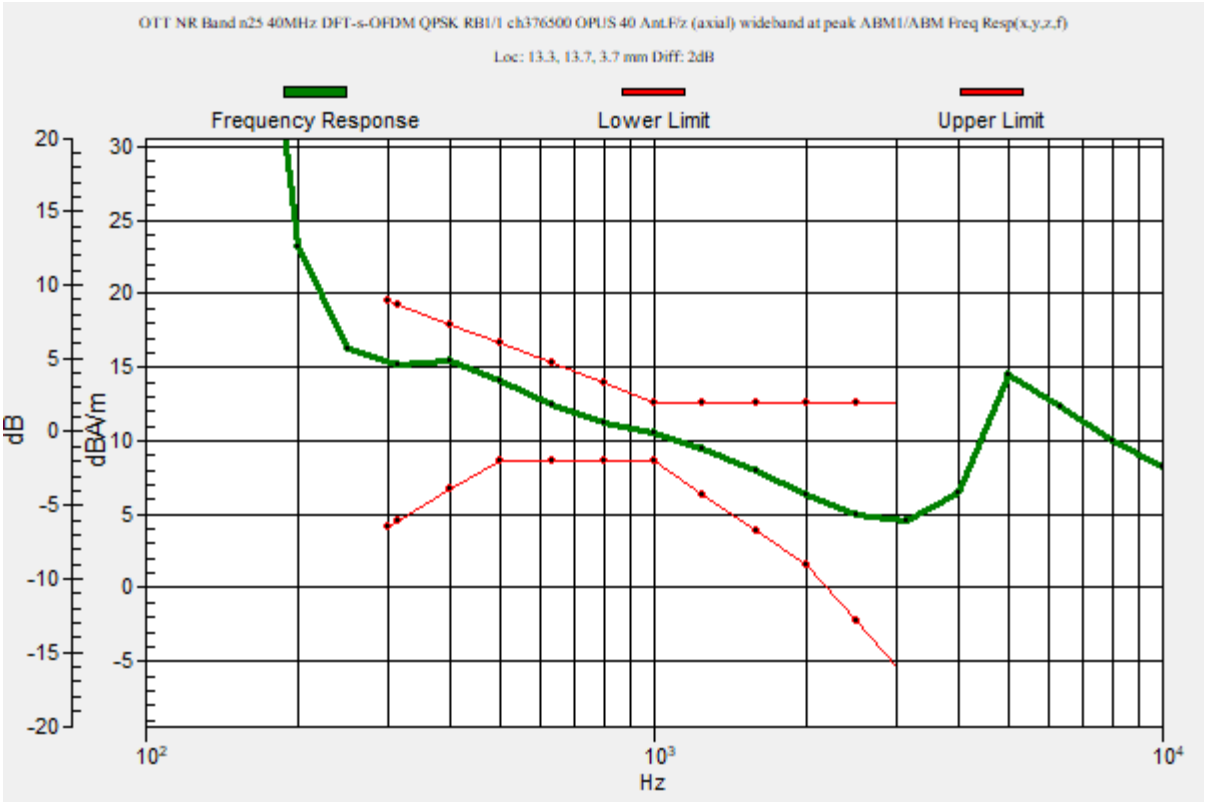
Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1882.5 MHz;Duty Cycle: 1:3.55877

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT NR Band n25 40MHz DFT-s-OFDM QPSK RB1/1 ch376500 OPUS 40 Ant.F/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 13.3, 13.7, 3.7 mm



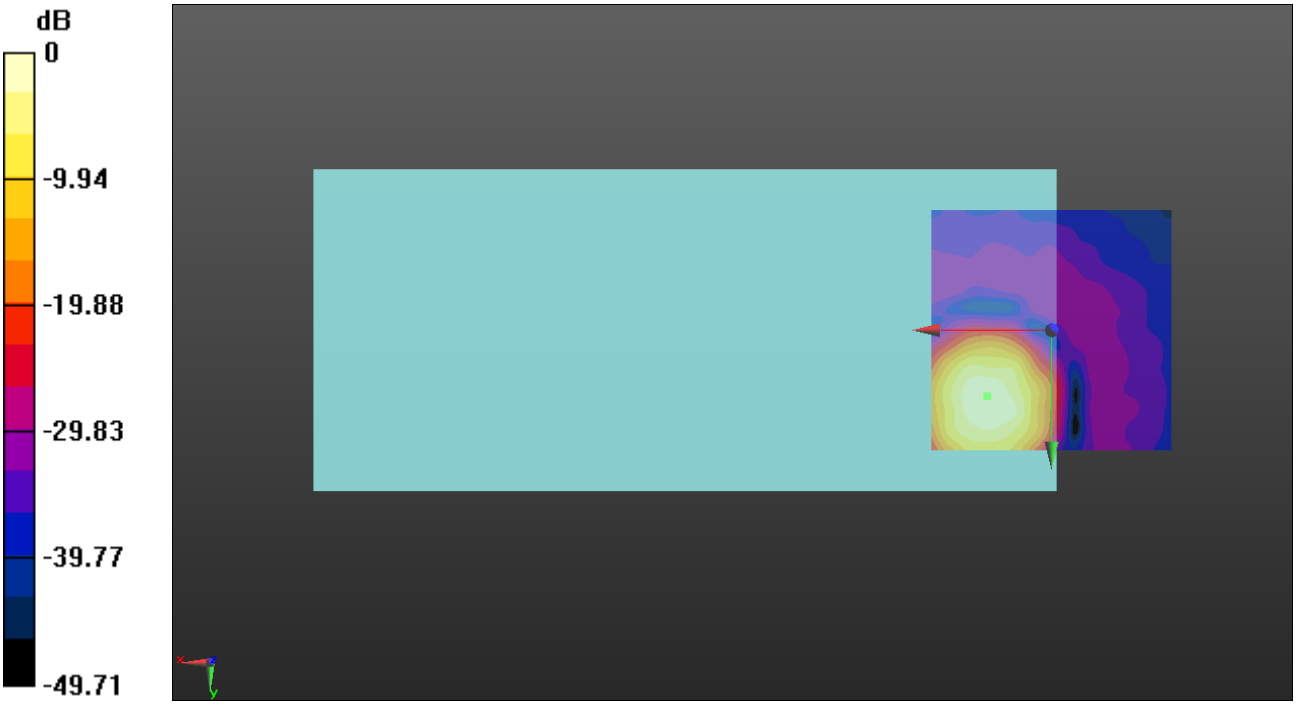
OTT NR FDD

Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1882.5 MHz;
Duty Cycle: 1:3.55877
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n25 40MHz DFT-s-OFDM QPSK RB1/1 ch376500 OPUS 40 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 43.20 dB
ABM1 = 10.65 dBA/m
ABM2 = -32.55 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 13.7, 3.7 mm



0 dB = 3.407 A/m = 10.65 dBA/m

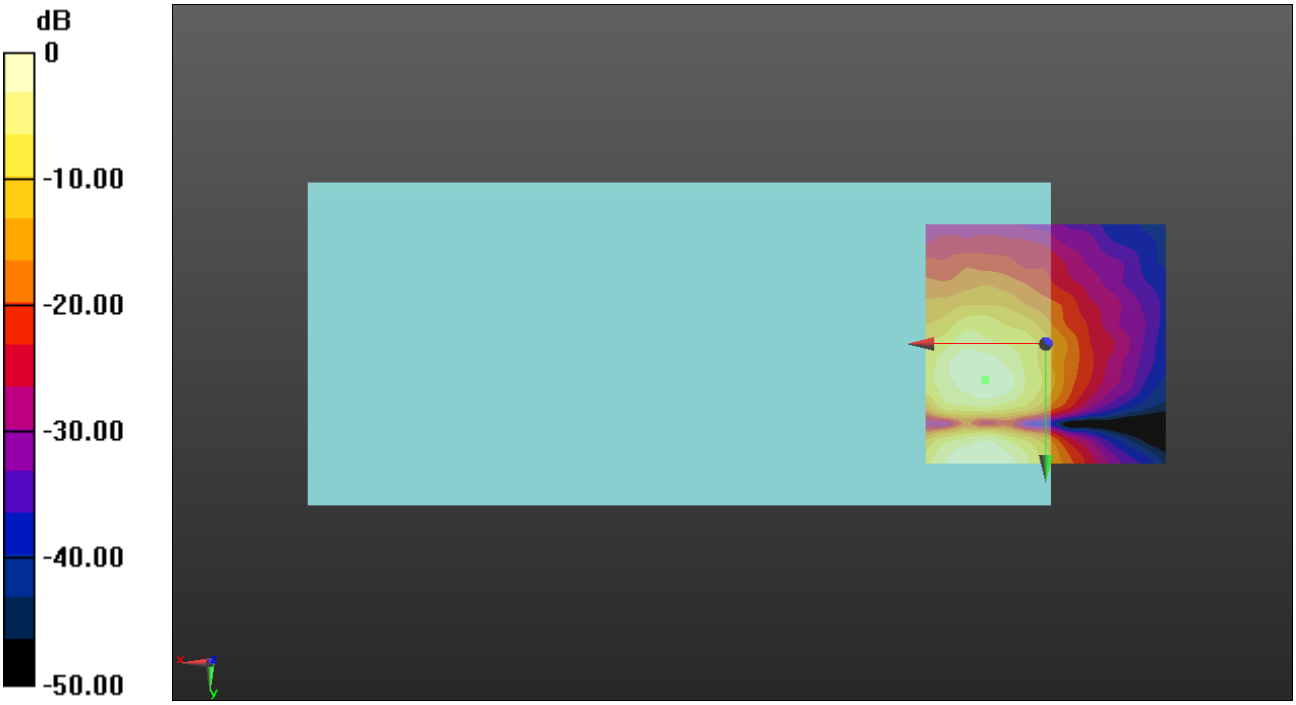
OTT NR FDD

Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1882.5 MHz;
Duty Cycle: 1:3.55877
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n25 40MHz DFT-s-OFDM QPSK RB1/1 ch376500 OPUS 40 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 34.16 dB
ABM1 = 2.73 dBA/m
ABM2 = -31.43 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 7.5, 3.7 mm



0 dB = 1.370 A/m = 2.73 dBA/m

OTT NR FDD

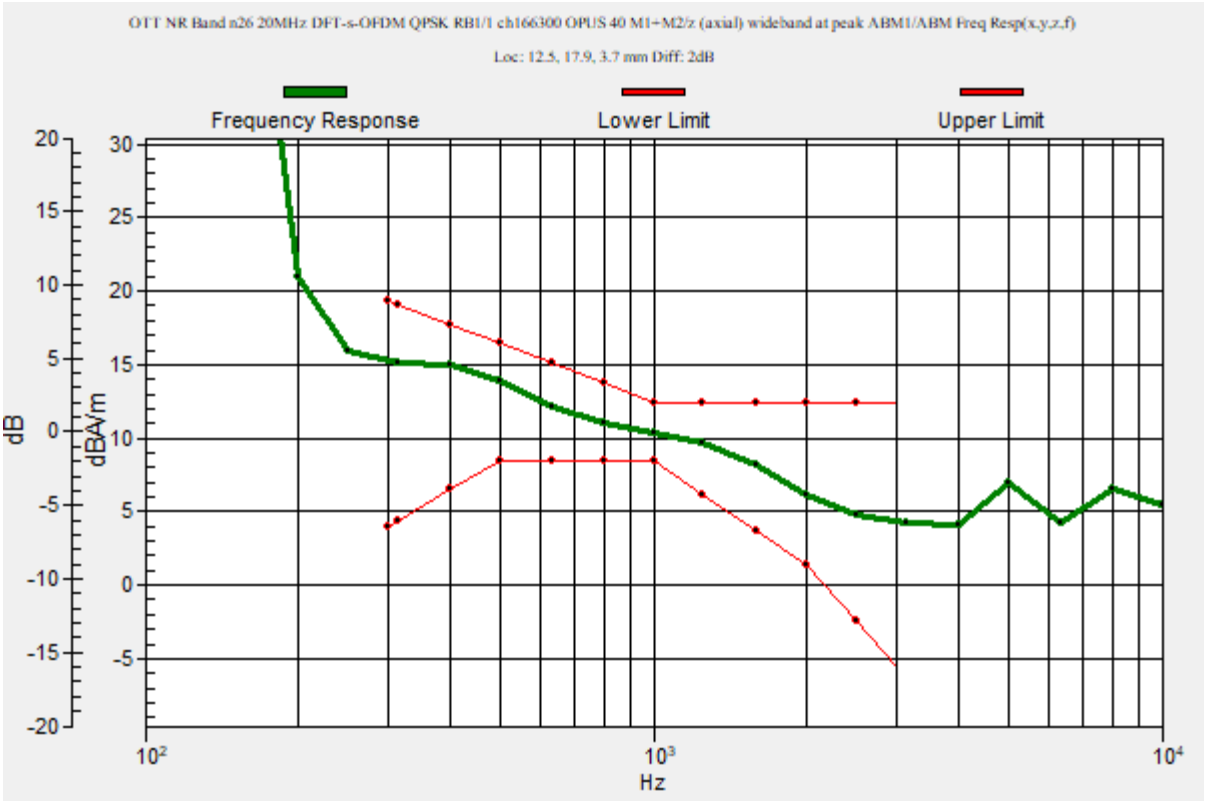
Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 831.5 MHz;Duty Cycle: 1:3.55795

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT NR Band n26 20MHz DFT-s-OFDM QPSK RB1/1 ch166300 OPUS 40 Ant.A+Ant.B/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.5, 17.9, 3.7 mm



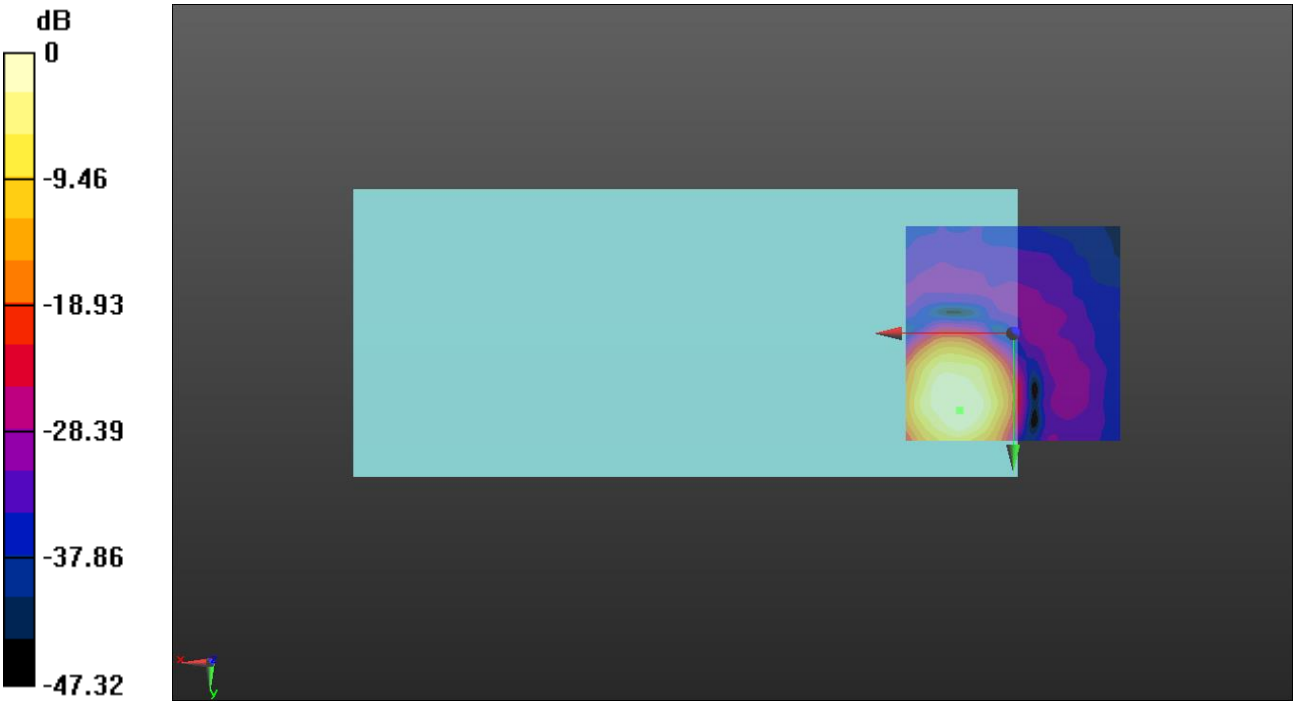
OTT NR FDD

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 831.5 MHz;
Duty Cycle: 1:3.55795
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n26 20MHz DFT-s-OFDM QPSK RB1/1 ch166300 OPUS 40 Ant.A+Ant.B/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 52.38 dB
ABM1 = 9.77 dBA/m
ABM2 = -42.61 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 17.9, 3.7 mm



0 dB = 3.079 A/m = 9.77 dBA/m

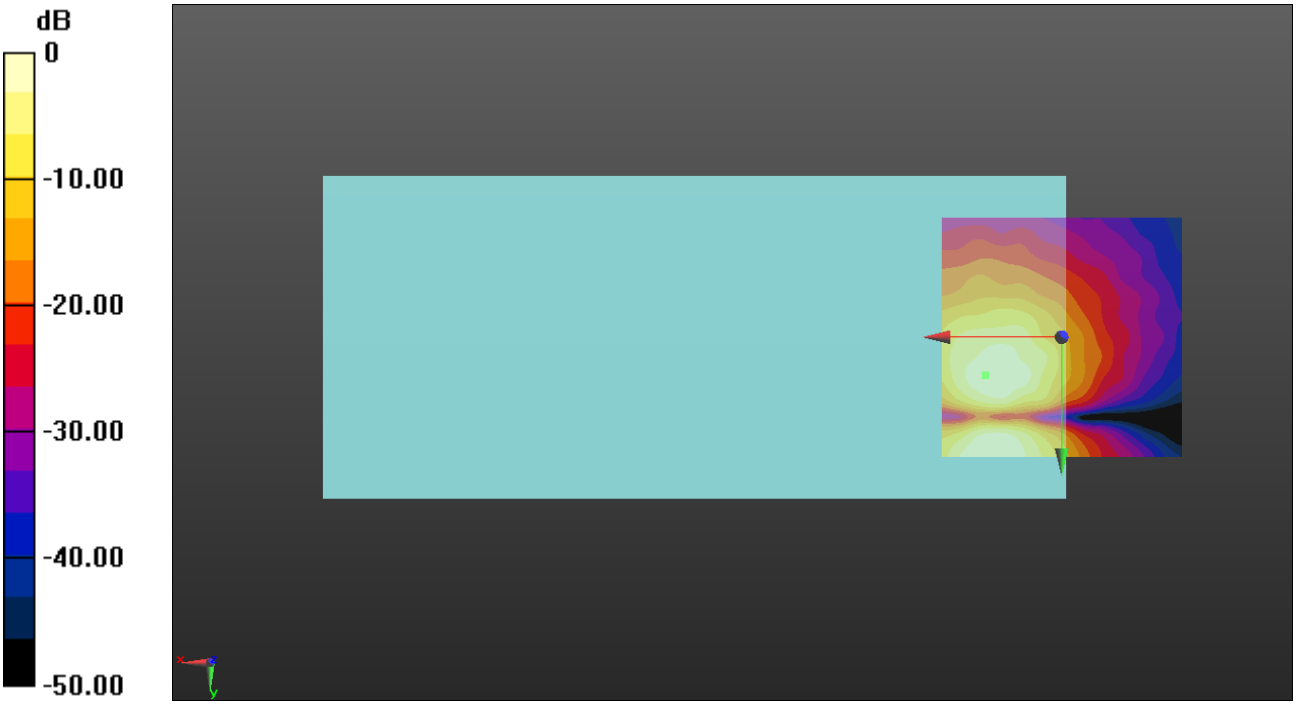
OTT NR FDD

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 831.5 MHz;
Duty Cycle: 1:3.55795
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n26 20MHz DFT-s-OFDM QPSK RB1/1 ch166300 OPUS 40 Ant.A+Ant.B/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 38.01dB
ABM1 = 1.98 dBA/m
ABM2 = -36.03 dBA/m
BWC Factor = 0.16 dB
Location: 15.8, 7.9, 3.7 mm



0 dB = 1.317 A/m = 2.39 dBA/m

OTT NR FDD

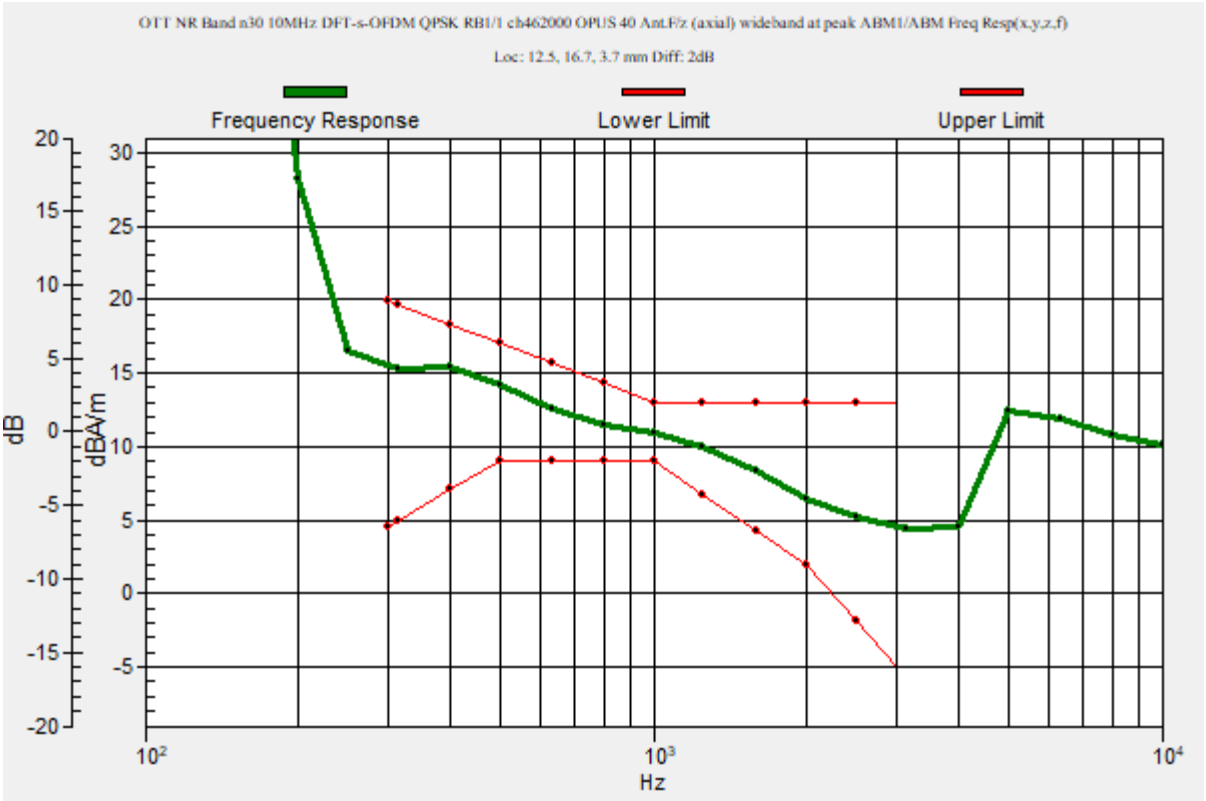
Communication System: UID 10929 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 2310 MHz;Duty Cycle: 1:3.56205

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT NR Band n30 10MHz DFT-s-OFDM QPSK RB1/1 ch462000 OPUS 40 Ant.F/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.5, 16.7, 3.7 mm



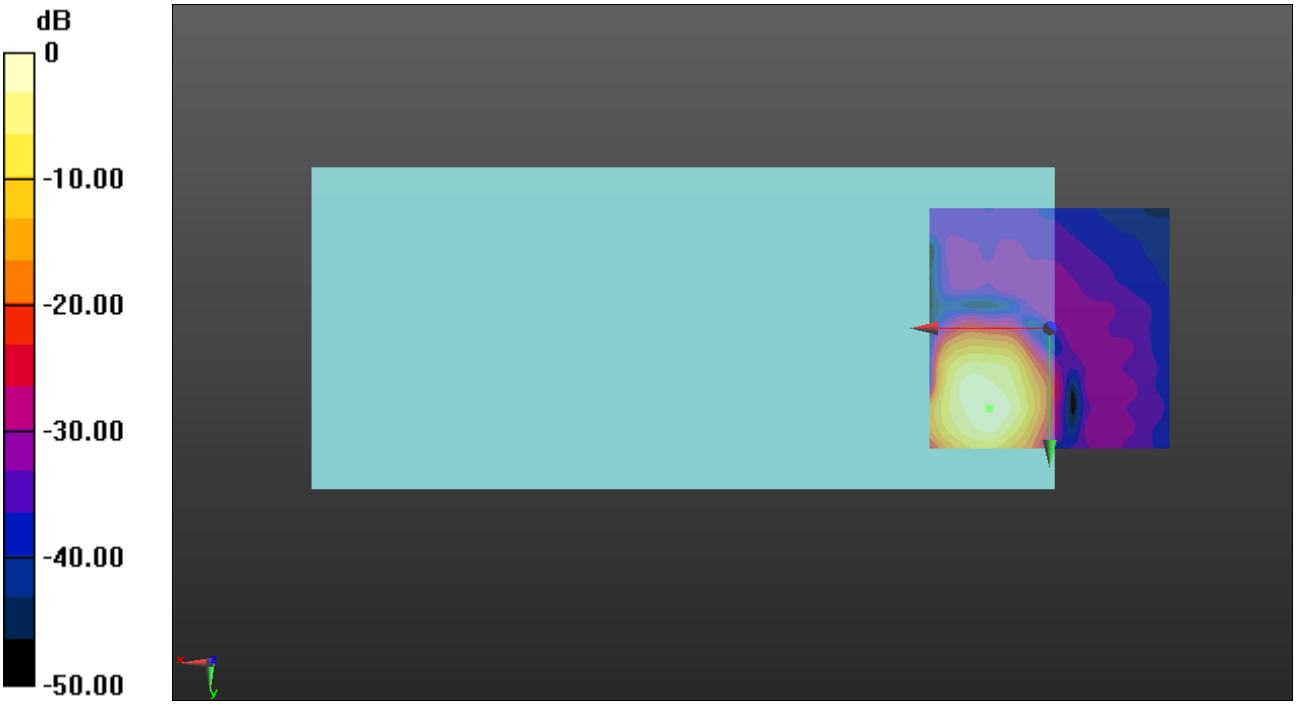
OTT NR FDD

Communication System: UID 10929 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 2310 MHz;
Duty Cycle: 1:3.56205
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n30 10MHz DFT-s-OFDM QPSK RB1/1 ch462000 OPUS 40 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 43.80dB
ABM1 = 10.71 dBA/m
ABM2 = -33.09 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 16.7, 3.7 mm



0 dB = 3.433 A/m = 10.71 dBA/m

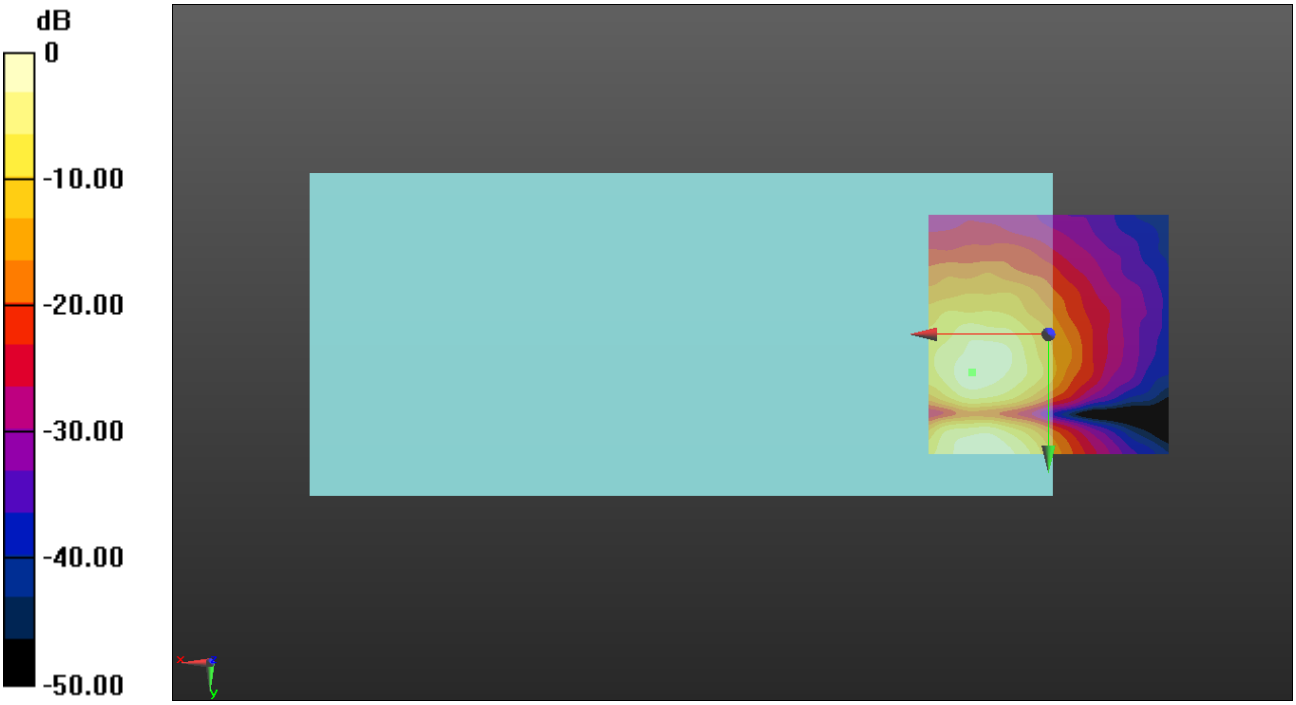
OTT NR FDD

Communication System: UID 10929 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz); Frequency: 2310 MHz;
Duty Cycle: 1:3.56205
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n30 10MHz DFT-s-OFDM QPSK RB1/1 ch462000 OPUS 40 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 30.20 dB
ABM1 = 2.09 dBA/m
ABM2 = -28.11 dBA/m
BWC Factor = 0.16 dB
Location: 15.8, 7.9, 3.7 mm



0 dB = 1.335 A/m = 2.51 dBA/m

OTT NR FDD

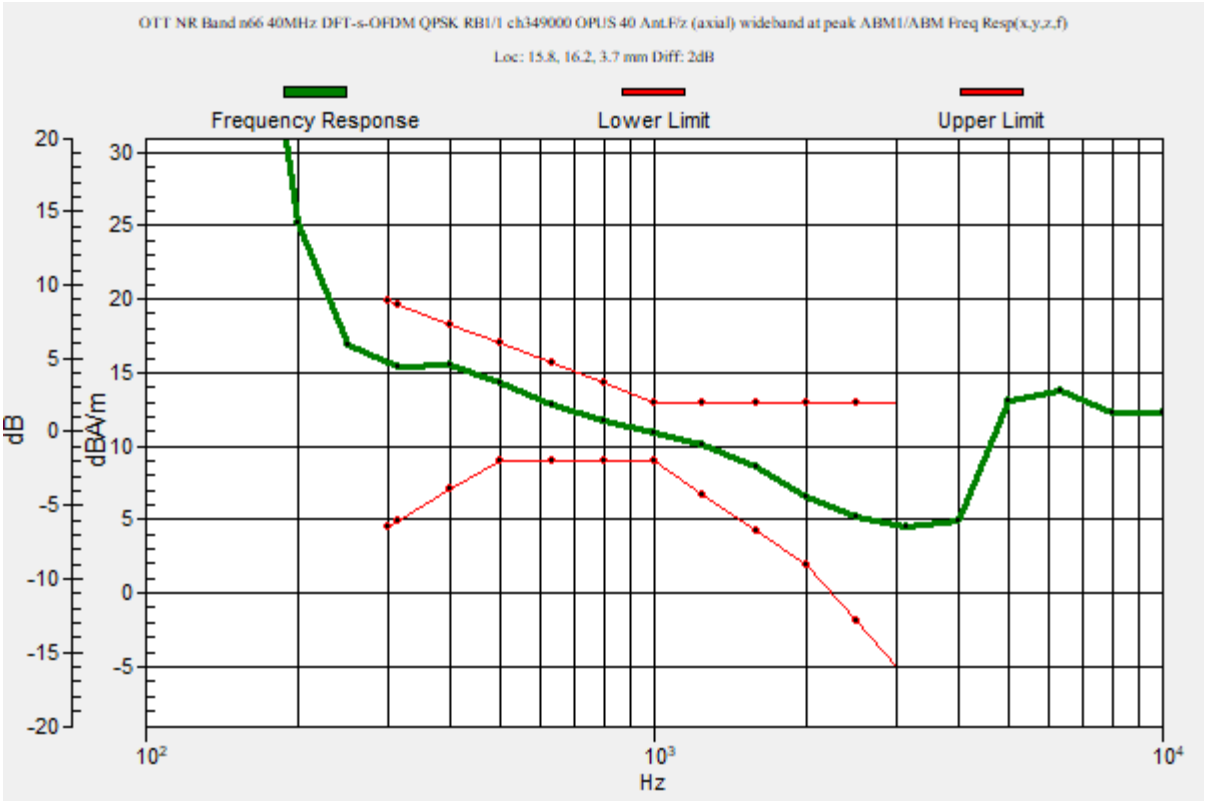
Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1745 MHz;Duty Cycle: 1:3.55877

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT NR Band n66 40MHz DFT-s-OFDM QPSK RB1/1 ch349000 OPUS 40 Ant.F/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 15.8, 16.2, 3.7 mm



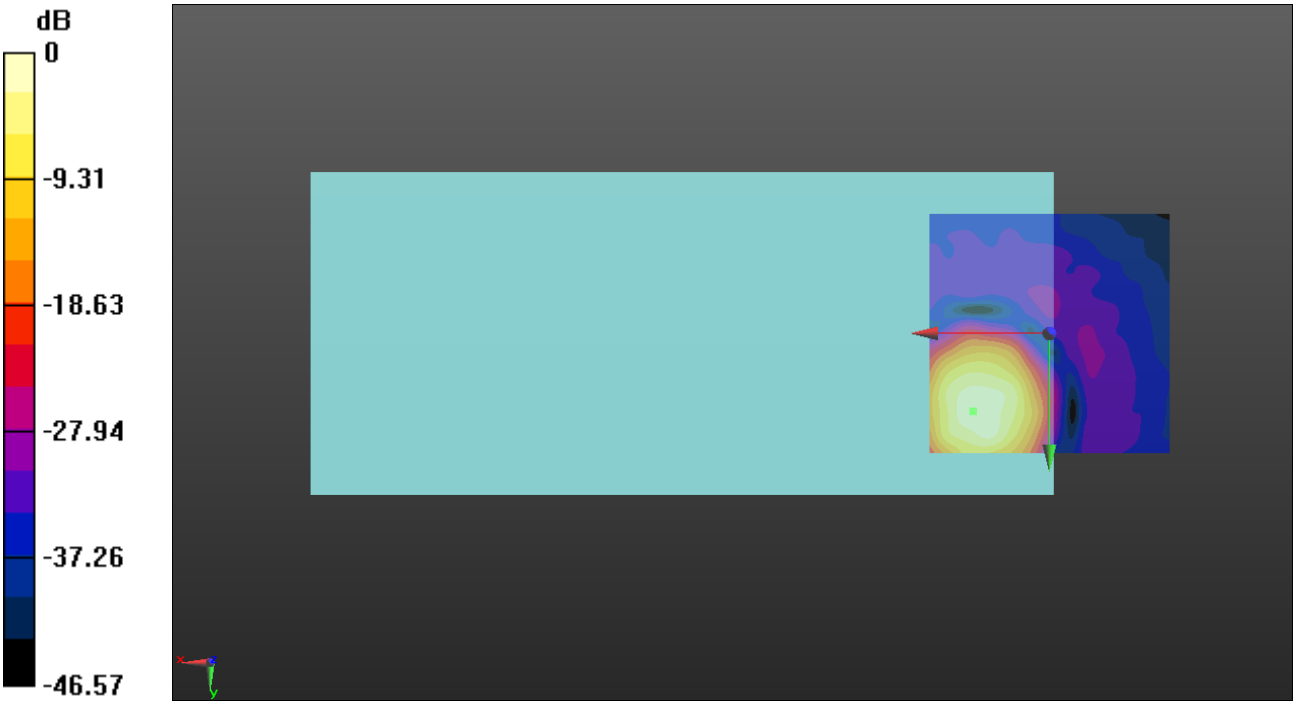
OTT NR FDD

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 OPUS 40 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 43.45 dB
ABM1 = 10.58 dBA/m
ABM2 = -32.87 dBA/m
BWC Factor = 0.16 dB
Location: 15.8, 16.2, 3.7 mm



0 dB = 3.380 A/m = 10.58 dBA/m

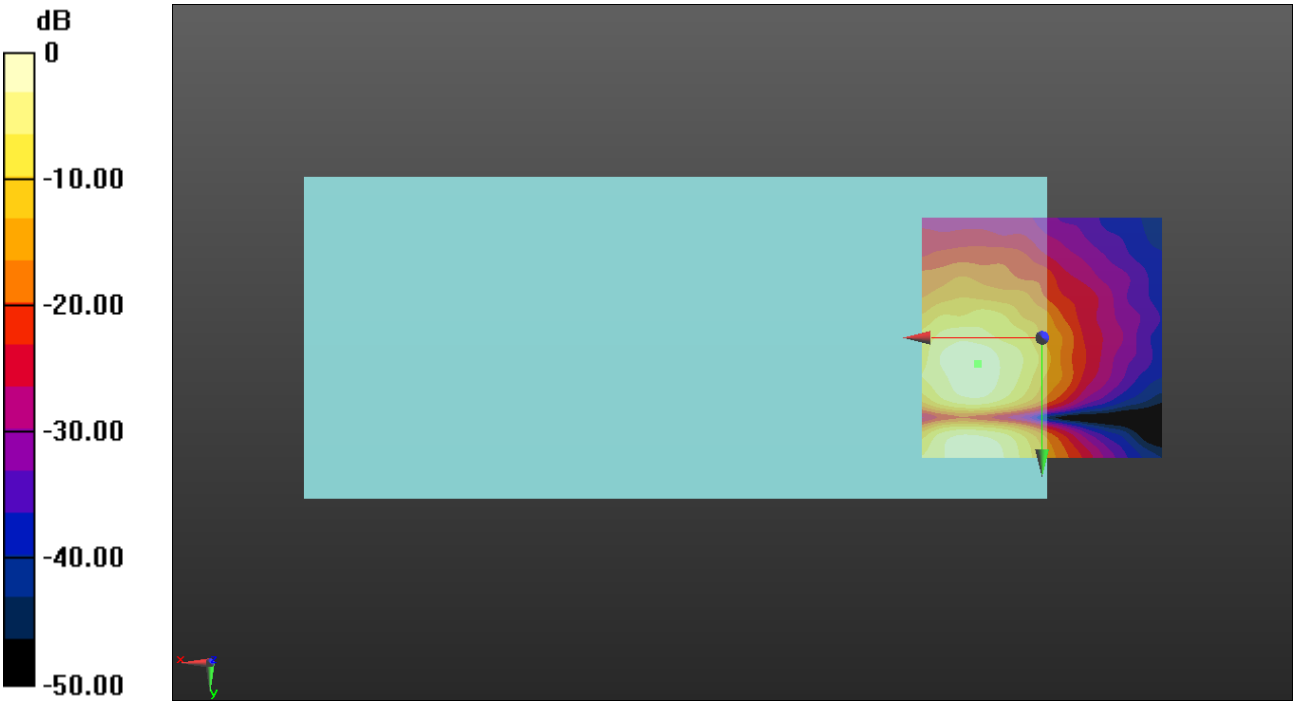
OTT NR FDD

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 OPUS 40 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 32.87 dB
ABM1 = 2.24 dBA/m
ABM2 = -30.63 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 5.4, 3.7 mm



0 dB = 1.316 A/m = 2.39 dBA/m

OTT NR FDD

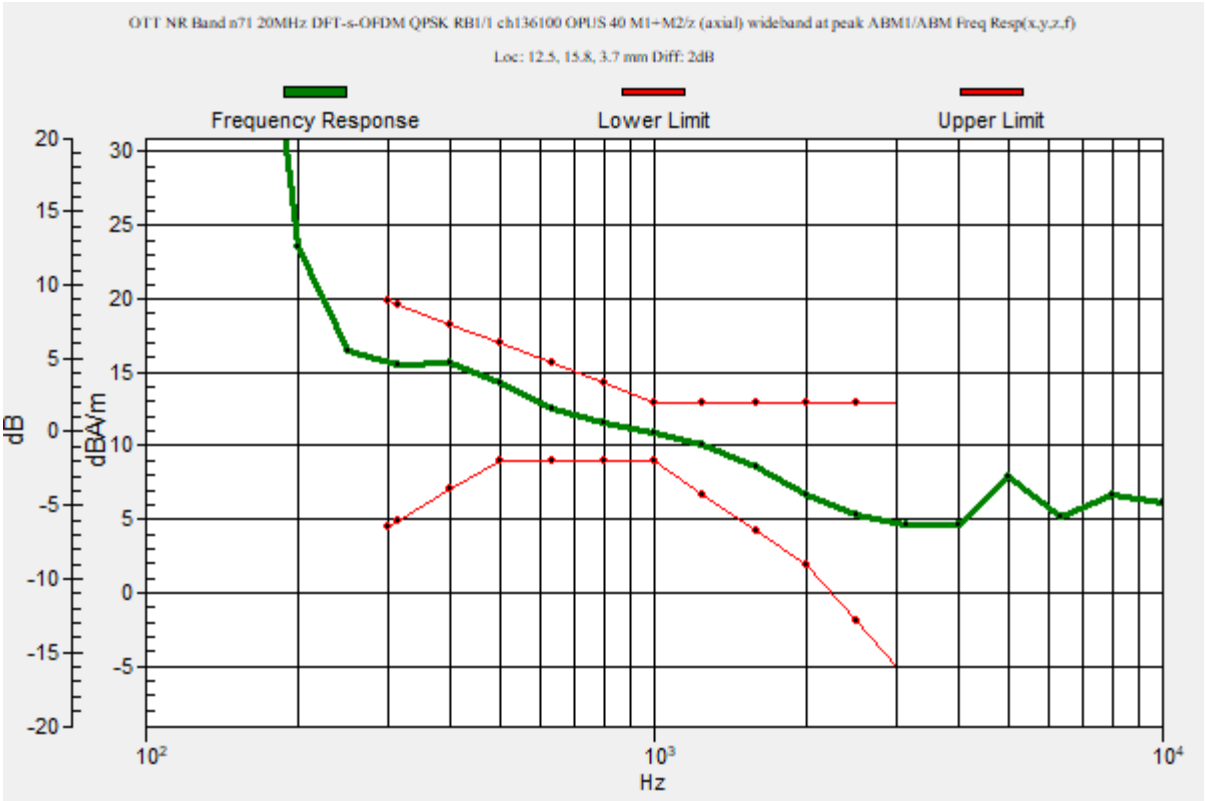
Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 680.5 MHz;Duty Cycle: 1:3.55795

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT NR Band n71 20MHz DFT-s-OFDM QPSK RB1/1 ch136100 OPUS 40 Ant.A+Ant.B/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.5, 15.8, 3.7 mm



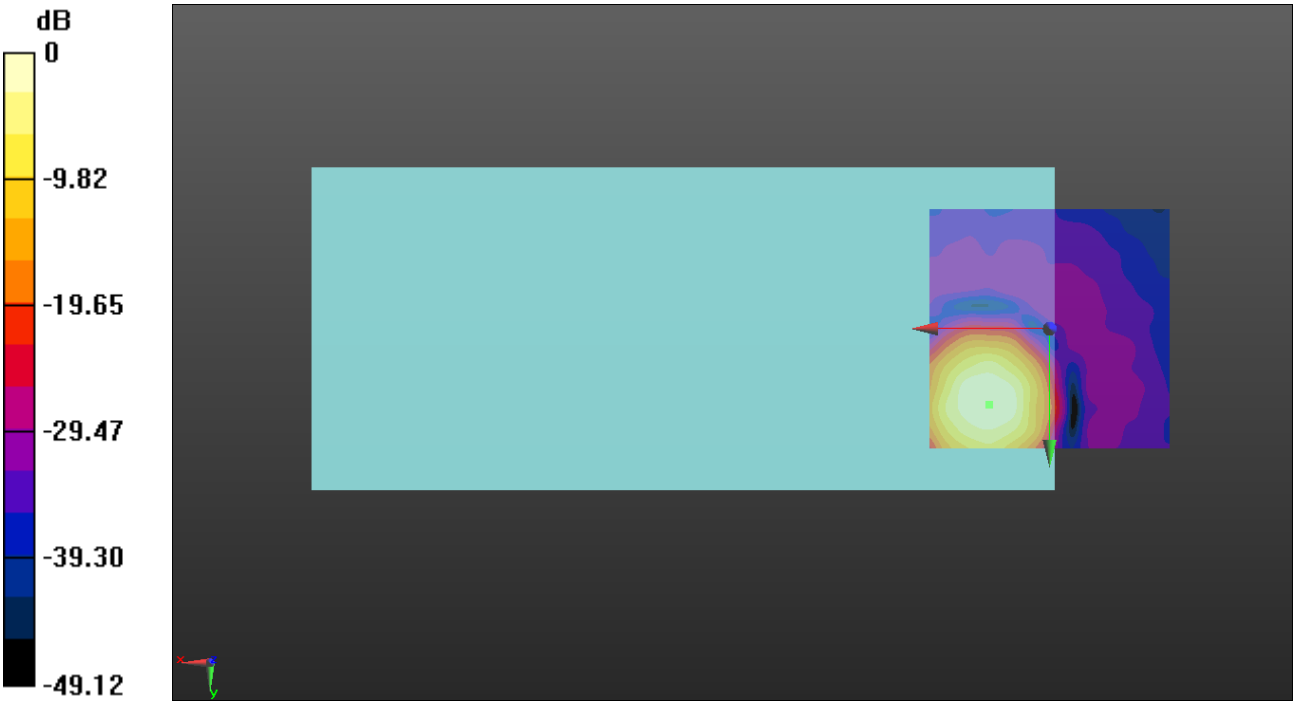
OTT NR FDD

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 680.5 MHz;
Duty Cycle: 1:3.55795
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n71 20MHz DFT-s-OFDM QPSK RB1/1 ch136100 OPUS 40 Ant.A+Ant.B/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 50.81 dB
ABM1 = 10.15 dBA/m
ABM2 = -40.66 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 15.8, 3.7 mm



0 dB = 3.217 A/m = 10.15 dBA/m

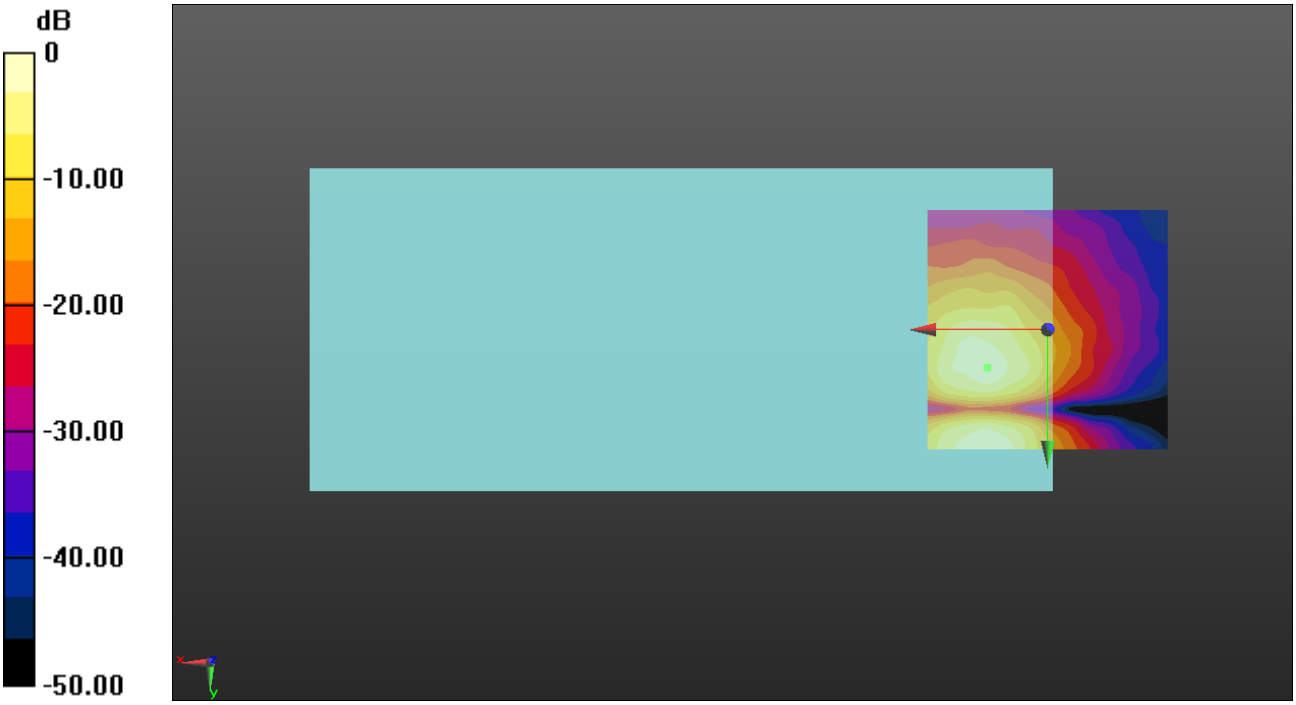
OTT NR FDD

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 680.5 MHz;
Duty Cycle: 1:3.55795
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n71 20MHz DFT-s-OFDM QPSK RB1/1 ch136100 OPUS 40 Ant.A+Ant.B/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 40.96 dB
ABM1 = 2.91 dBA/m
ABM2 = -38.05 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 7.9, 3.7 mm



0 dB = 1.444 A/m = 3.19 dBA/m

OTT NR TDD

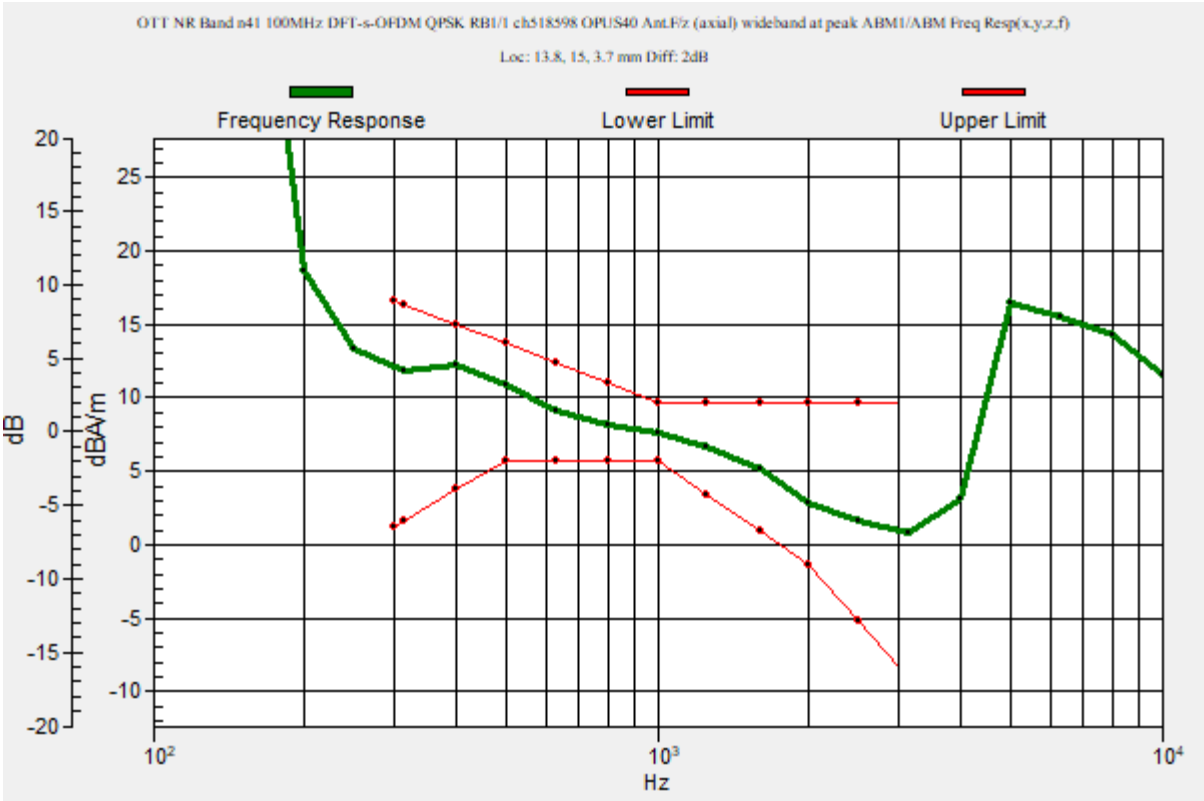
Communication System: UID 10973 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz;Duty Cycle: 1:8.05008

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT NR Band n41 100MHz DFT-s-OFDM QPSK RB1/1 ch518598 OPUS40 Ant.F/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 13.8, 15, 3.7 mm



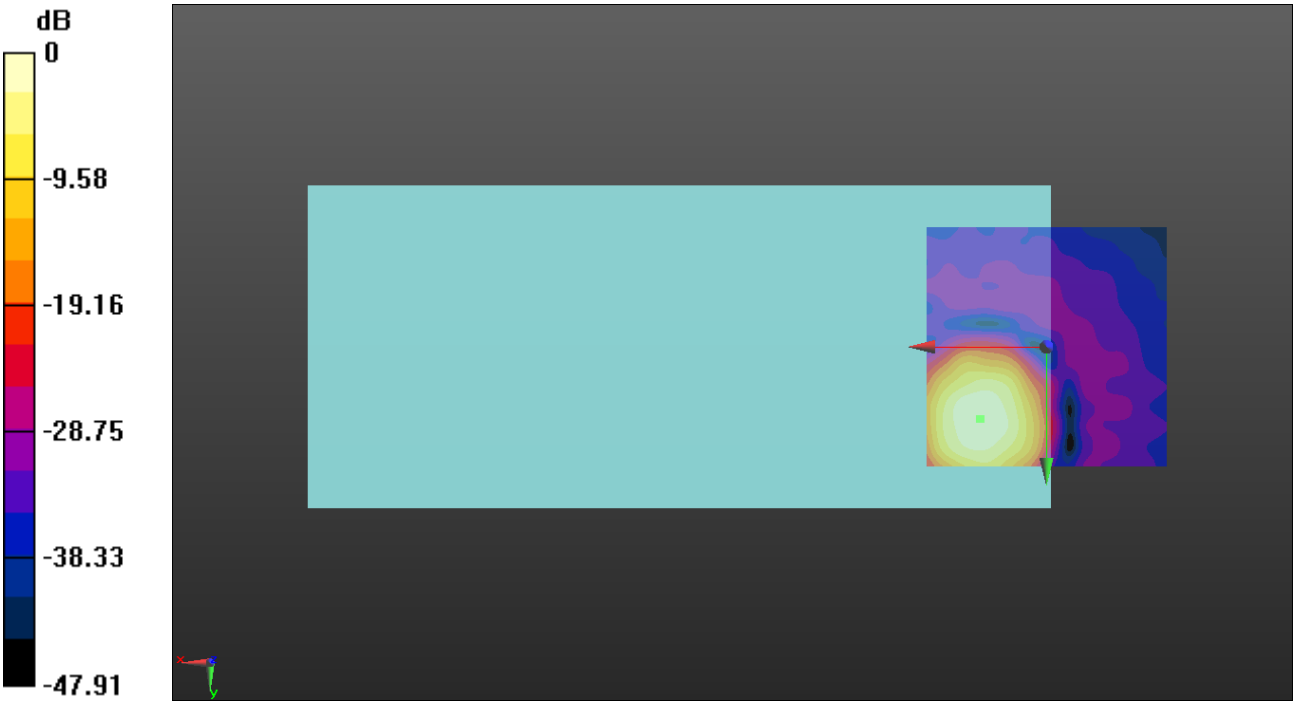
OTT NR TDD

Communication System: UID 10973 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz;
Duty Cycle: 1:8.05008
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n41 100MHz DFT-s-OFDM QPSK RB1/1 ch518598 OPUS40 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 34.03 dB
ABM1 = 10.09 dBA/m
ABM2 = -23.94 dBA/m
BWC Factor = 0.16 dB
Location: 13.8, 15, 3.7 mm



0 dB = 3.194 A/m = 10.09 dBA/m

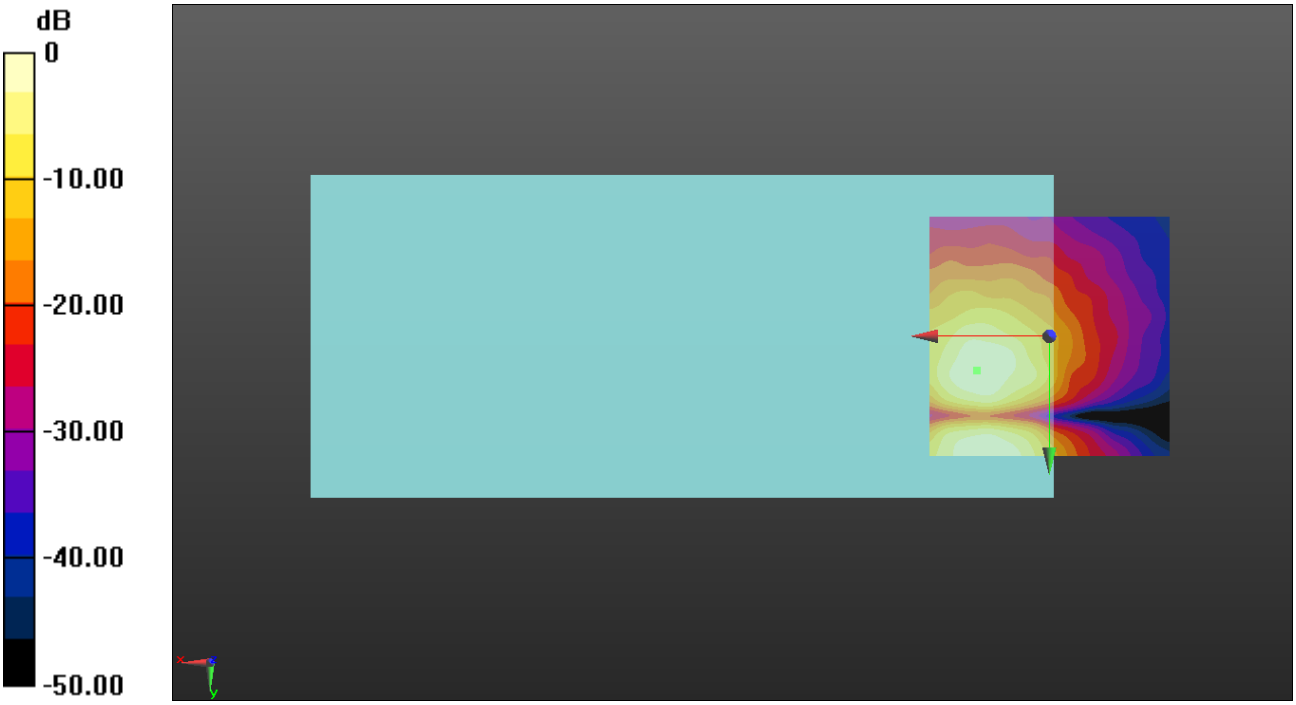
OTT NR TDD

Communication System: UID 10973 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz;
Duty Cycle: 1:8.05008
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 n41 100MHz DFT-s-OFDM QPSK RB1/1 ch518598 OPUS40 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 42.99 dB
ABM1 = 2.40 dBA/m
ABM2 = -40.59 dBA/m
BWC Factor = 0.16 dB
Location: 15, 7.1, 3.7 mm



0 dB = 1.335 A/m = 2.51 dBA/m

OTT NR TDD

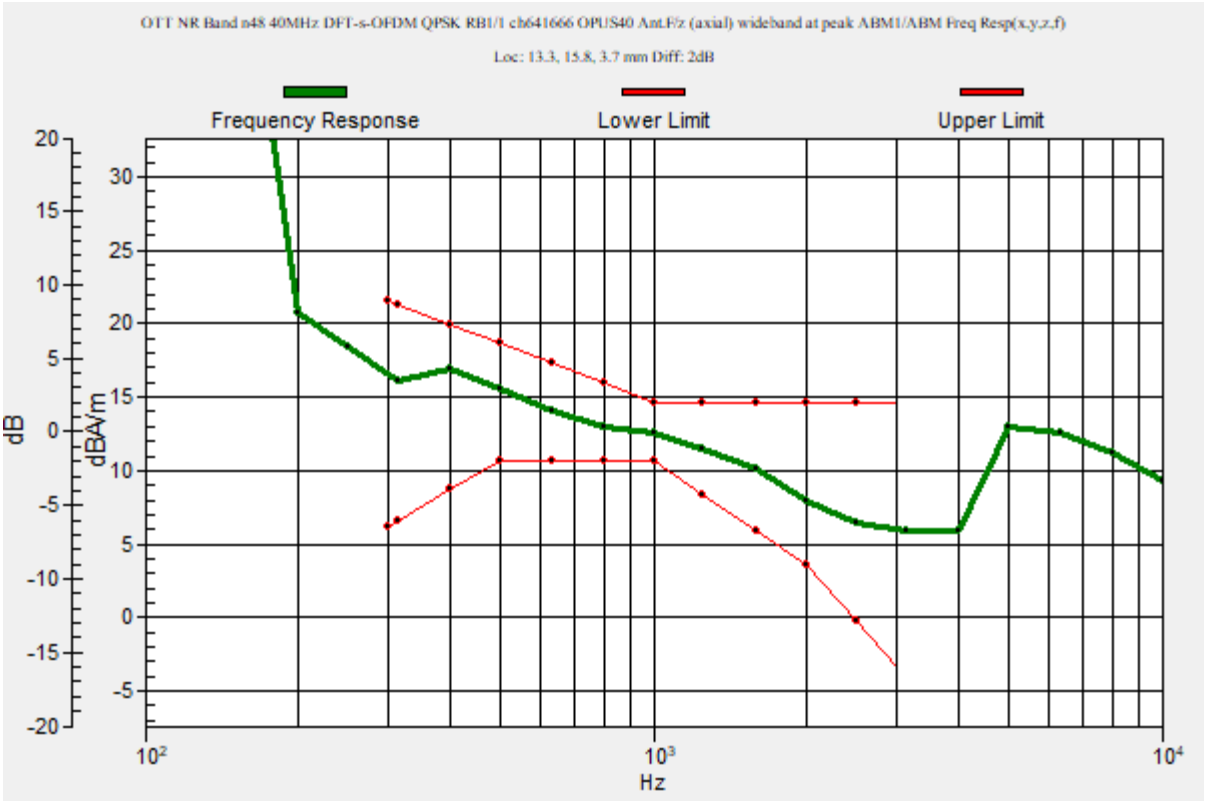
Communication System: UID 10903 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz); Frequency: 3624.99 MHz;Duty Cycle: 1:3.69999

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT NR Band n48 40MHz DFT-s-OFDM QPSK RB1/1 ch641666 OPUS40 Ant.F/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: 40.83
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: 13.3, 15.8, 3.7 mm



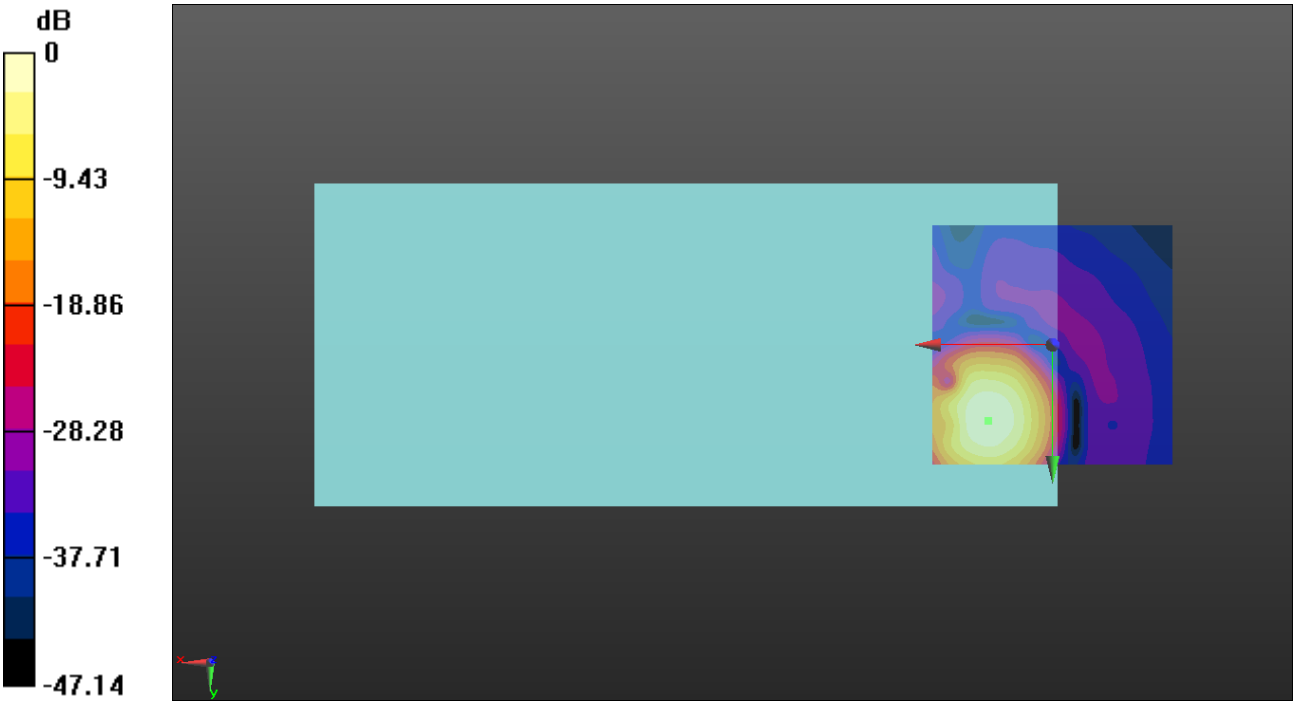
OTT NR TDD

Communication System: UID 10903 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz); Frequency: 3624.99 MHz;
Duty Cycle: 1:3.69999
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 2000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 42.27 dB
ABM1 = 12.35 dBA/m
ABM2 = -29.92 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 15.8, 3.7 mm



0 dB = 4.145 A/m = 12.35 dBA/m

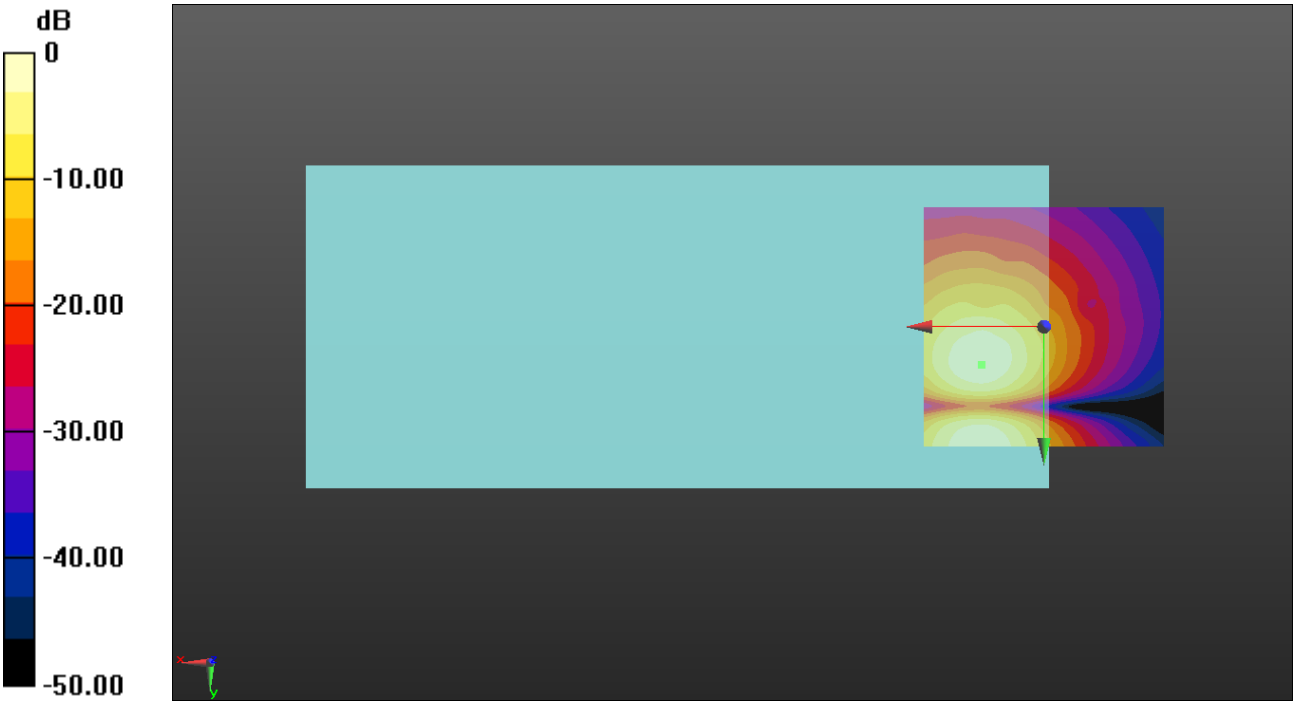
OTT NR TDD

Communication System: UID 10903 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz); Frequency: 3624.99 MHz;
Duty Cycle: 1:3.69999
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 2000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 33.08 dB
ABM1 = 4.26 dBA/m
ABM2 = -28.82 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.9, 3.7 mm



0 dB = 1.634 A/m = 4.27 dBA/m

OTT NR TDD

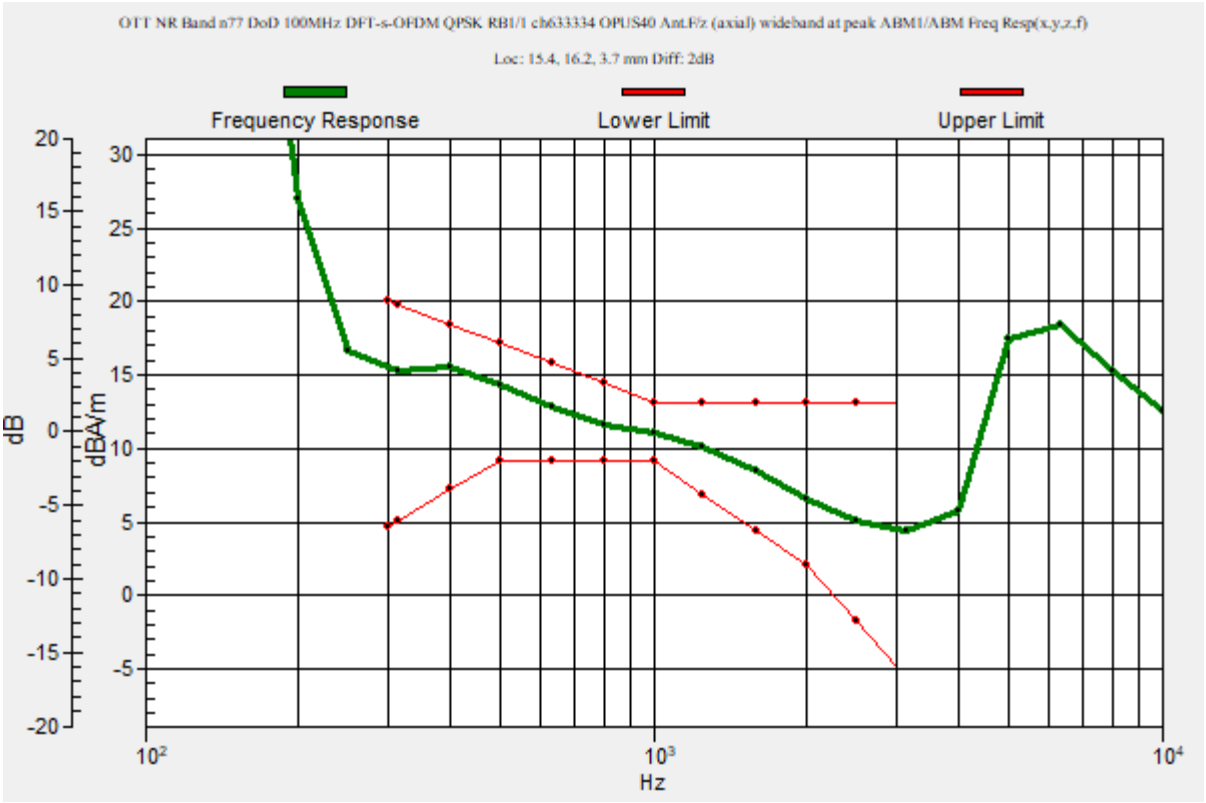
Communication System: UID 10866 - AAF, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3500.01 MHz;Duty Cycle: 1:3.69913

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT NR Band n77 DoD 100MHz DFT-s-OFDM QPSK RB1/1 ch633334 OPUS40 Ant.F/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 15.4, 16.2, 3.7 mm



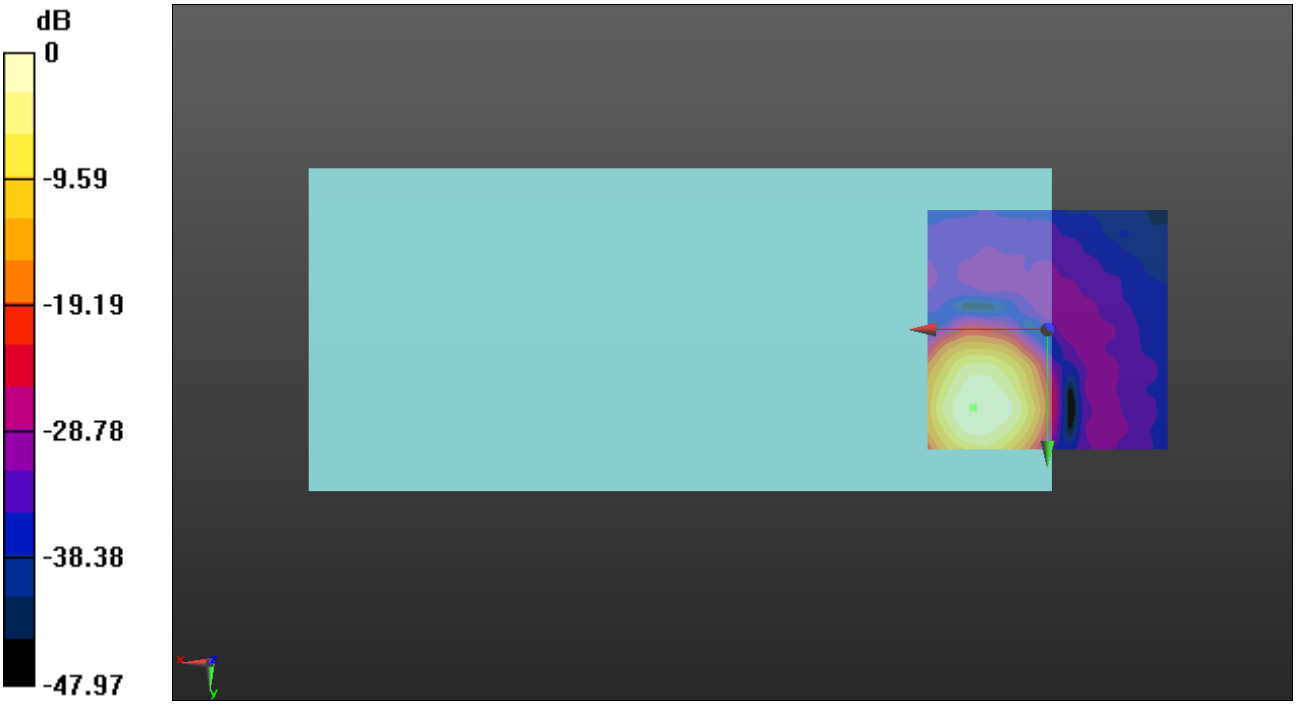
OTT NR TDD

Communication System: UID 10866 - AAF, 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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 33.35 dB
ABM1 = 10.30 dBA/m
ABM2 = -23.05 dBA/m
BWC Factor = 0.16 dB
Location: 15.4, 16.2, 3.7 mm



0 dB = 3.272 A/m = 10.30 dBA/m

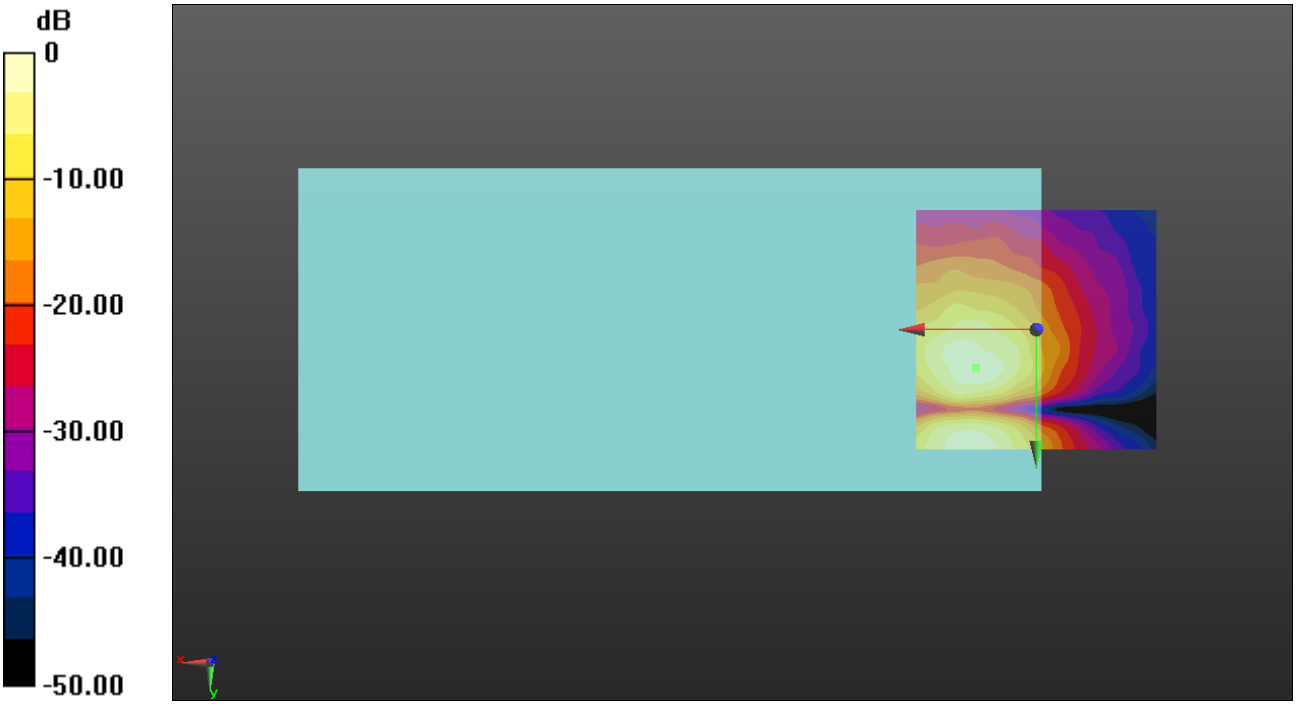
OTT NR TDD

Communication System: UID 10866 - AAF, 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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 36.58 dB
ABM1 = 2.87 dBA/m
ABM2 = -33.71 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 7.9, 3.7 mm



0 dB = 1.422 A/m = 3.06 dBA/m

OTT NR TDD

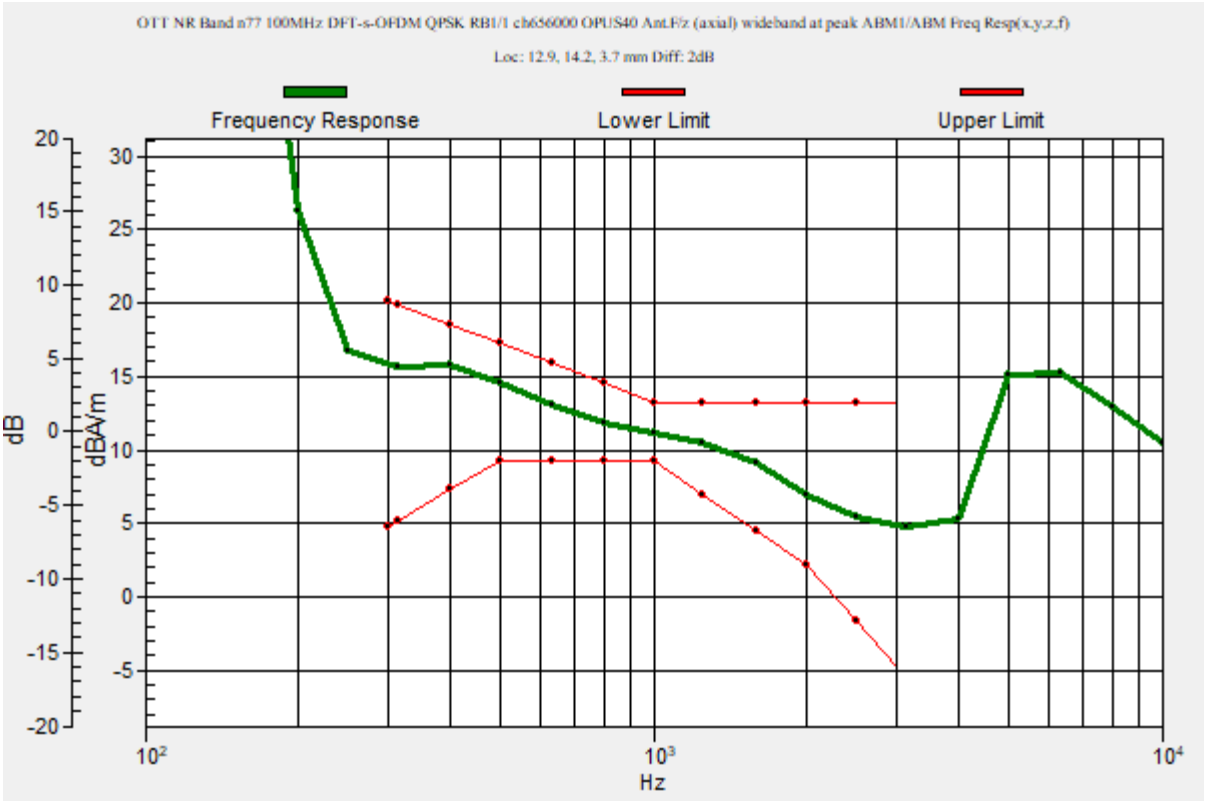
Communication System: UID 10866 - AAF, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3840 MHz;Duty Cycle: 1:3.69913

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT NR Band n77 100MHz DFT-s-OFDM QPSK RB1/1 ch656000 OPUS40 Ant.F/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.9, 14.2, 3.7 mm



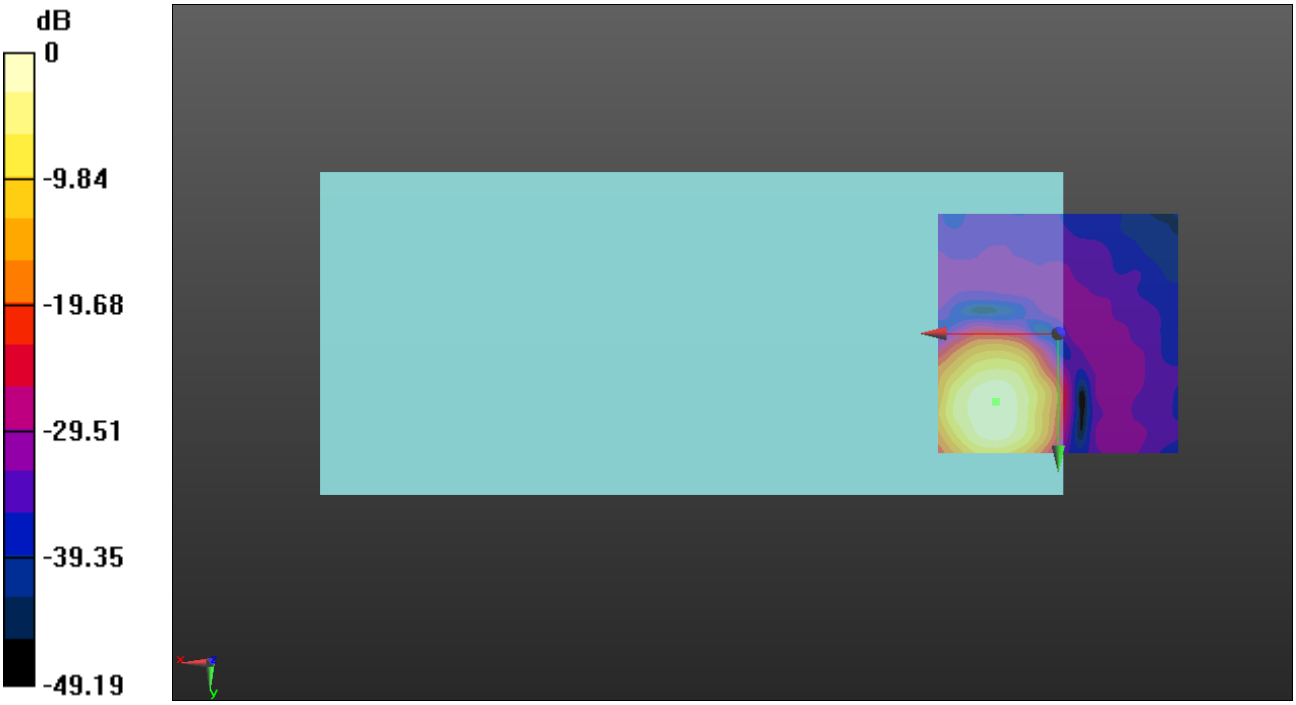
OTT NR TDD

Communication System: UID 10866 - AAF, 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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 36.24 dB
ABM1 = 10.45 dBA/m
ABM2 = -25.79 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 14.2, 3.7 mm



0 dB = 3.330 A/m = 10.45 dBA/m

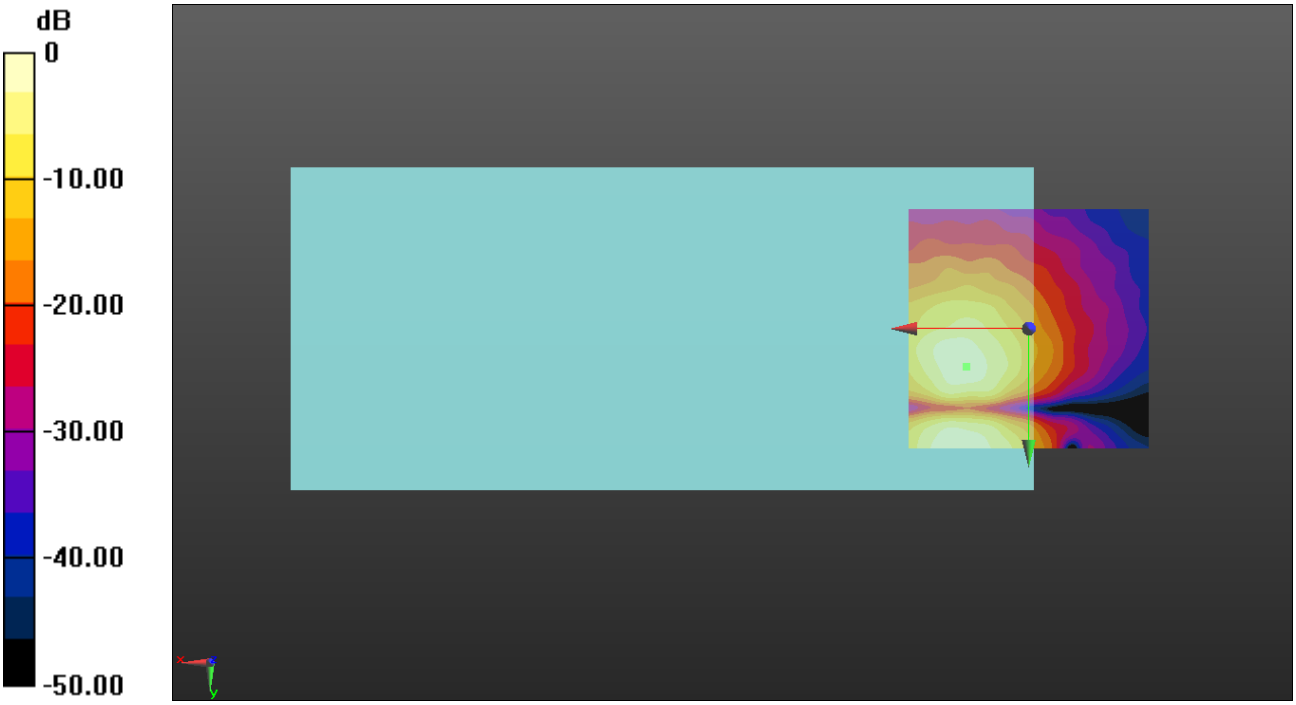
OTT NR TDD

Communication System: UID 10866 - AAF, 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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 Ant.F/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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 38.07dB
ABM1 = 2.94 dBA/m
ABM2 = -35.13 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.9, 3.7 mm



0 dB = 1.404 A/m = 2.95 dBA/m

OTT WiFi

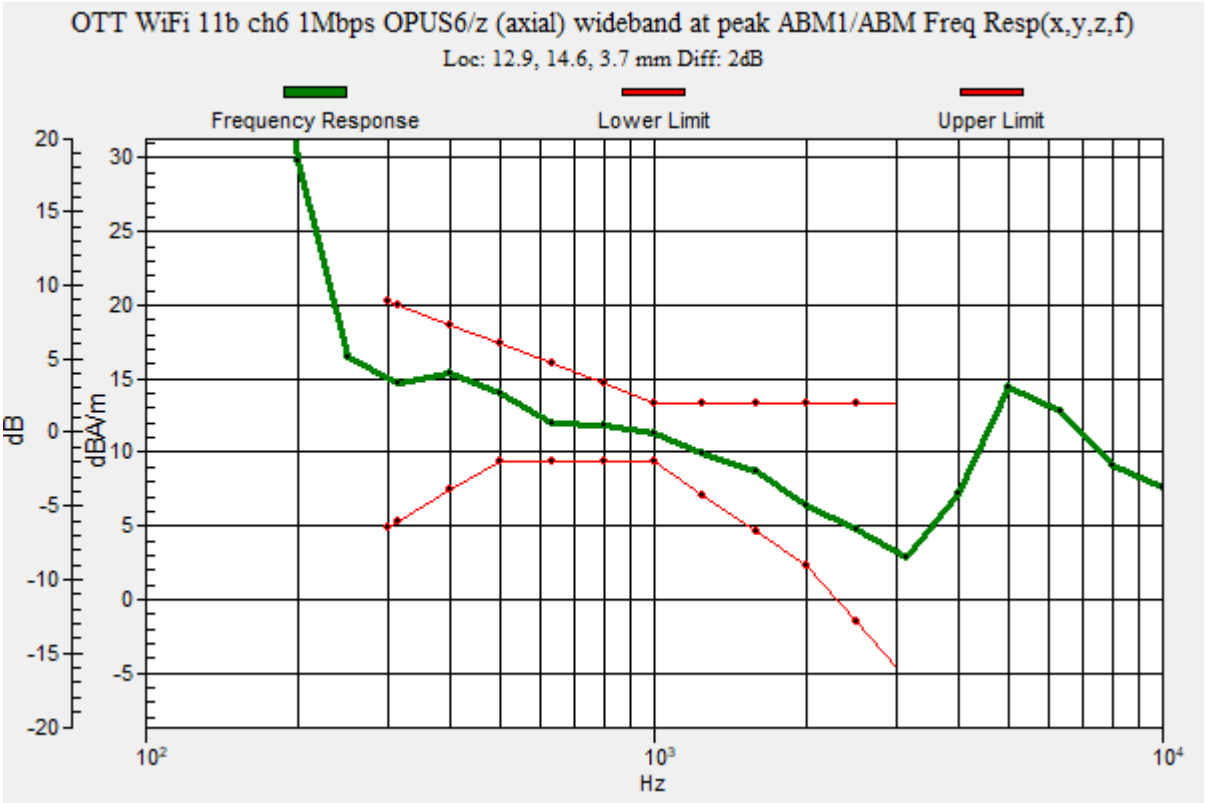
Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT WiFi 11b ch6 1Mbps OPUS6/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.9, 14.6, 3.7 mm



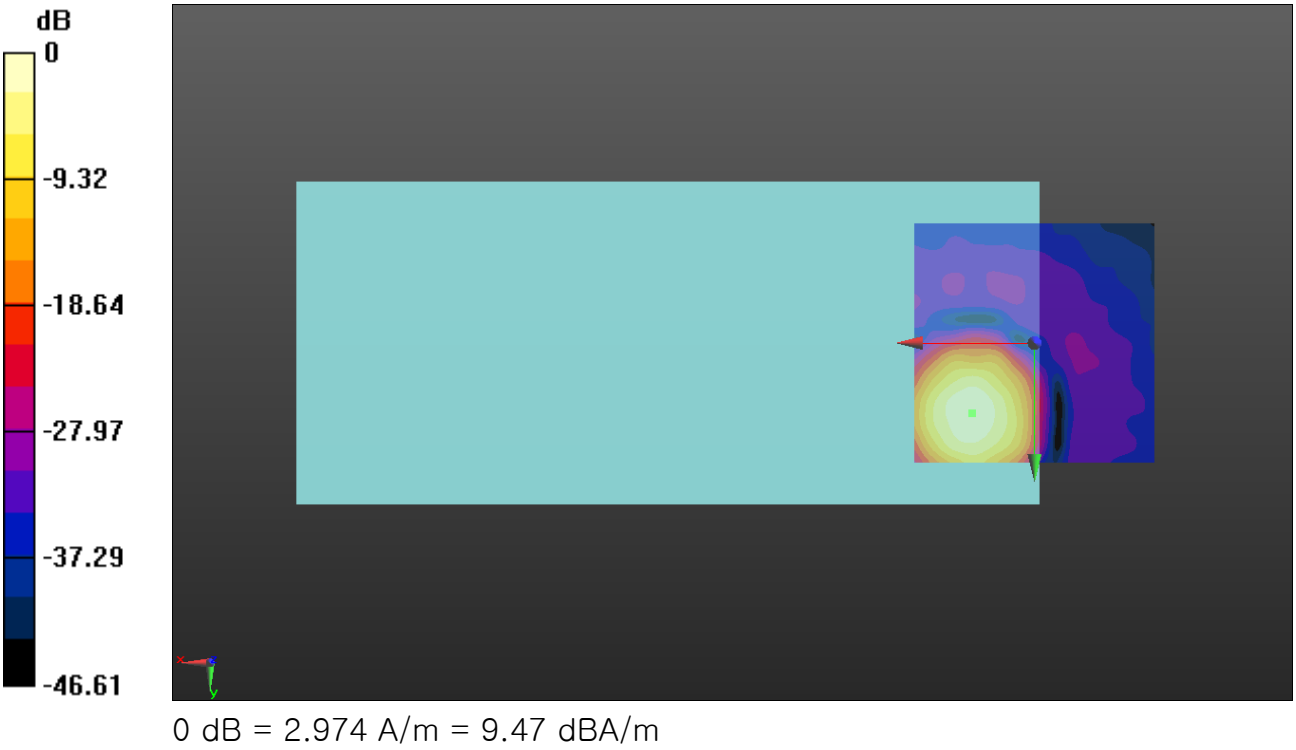
OTT WiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 48.97 dB
ABM1 = 9.47 dBA/m
ABM2 = -39.50 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 14.6, 3.7 mm



0 dB = 2.974 A/m = 9.47 dBA/m

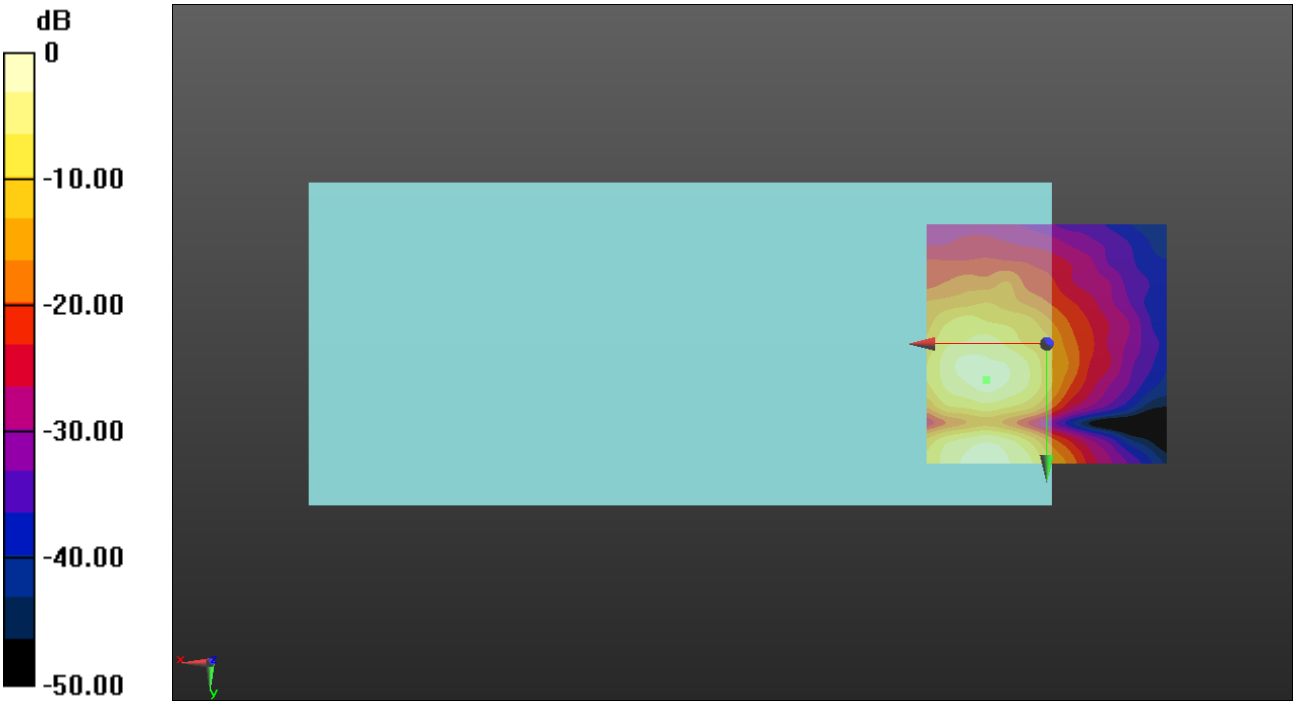
OTT WiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 36.90 dB
ABM1 = 0.75 dBA/m
ABM2 = -36.15 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 7.5, 3.7 mm



0 dB = 1.346 A/m = 2.58 dBA/m

OTT WiFi

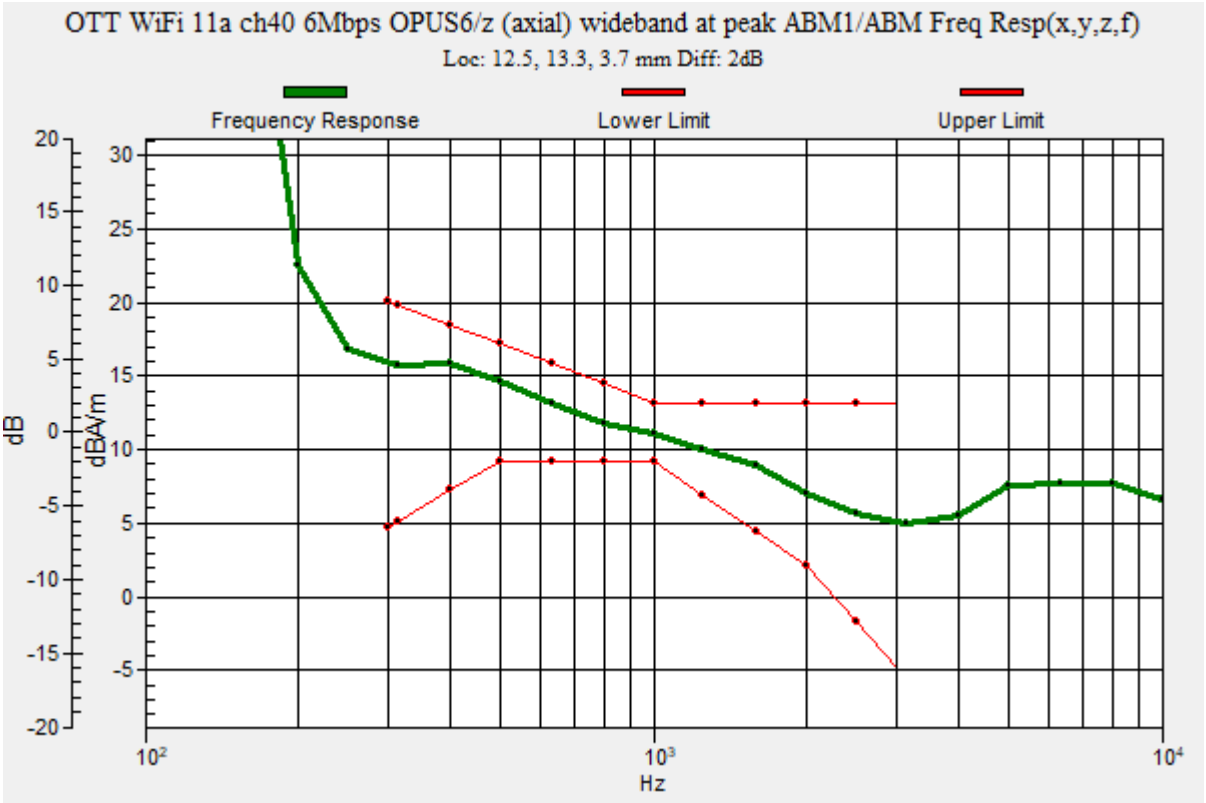
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5200 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT WiFi 11a ch40 6Mbps OPUS6/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.5, 13.3, 3.7 mm



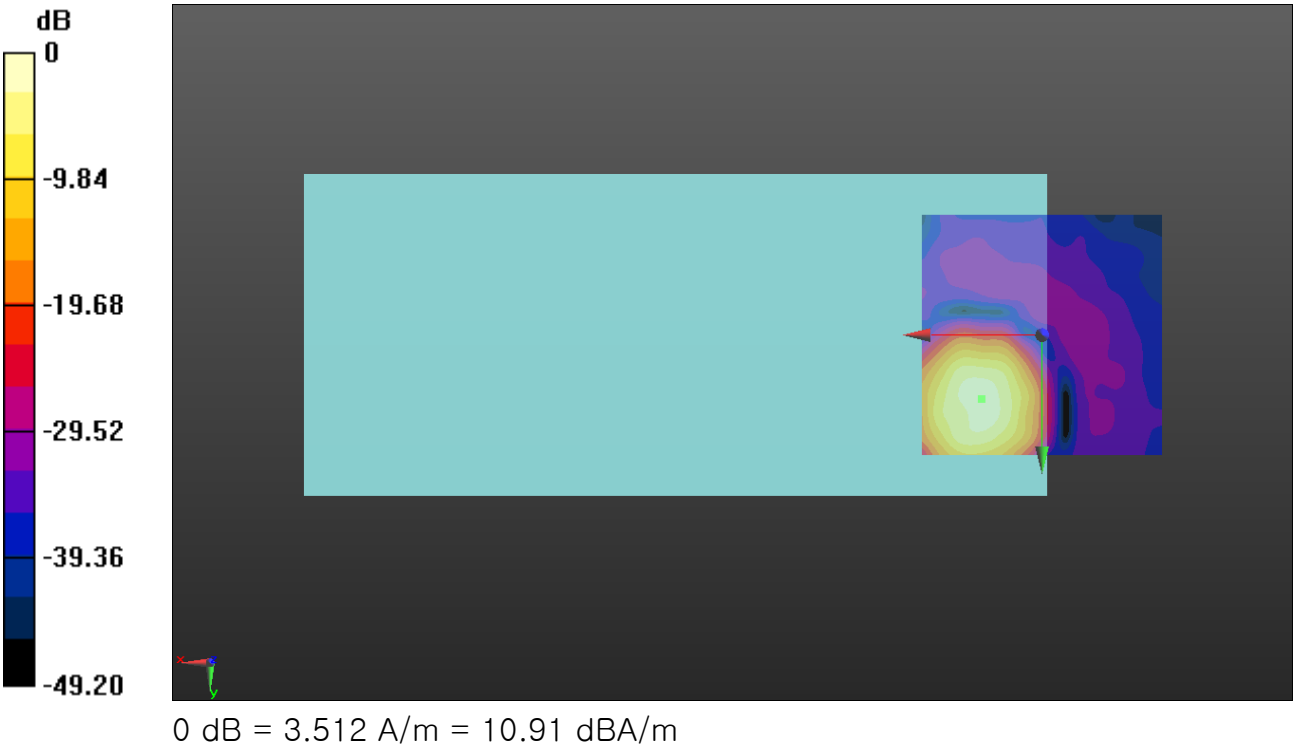
OTT WiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 53.47 dB
ABM1 = 10.91 dBA/m
ABM2 = -42.56 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, 13.3, 3.7 mm



0 dB = 3.512 A/m = 10.91 dBA/m

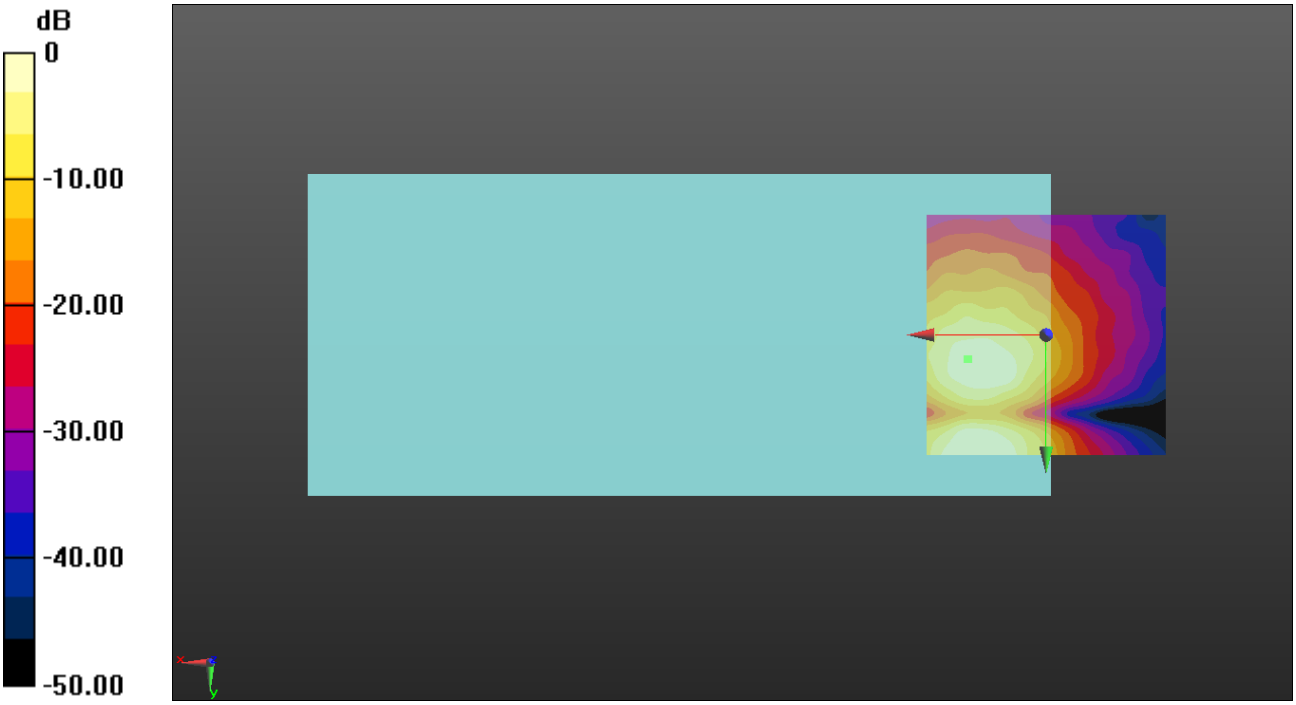
OTT WiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 37.69 dB
ABM1 = 1.96 dBA/m
ABM2 = -35.73 dBA/m
BWC Factor = 0.16 dB
Location: 16.3, 5, 3.7 mm



0 dB = 1.253 A/m = 1.96 dBA/m

OTT WiFi

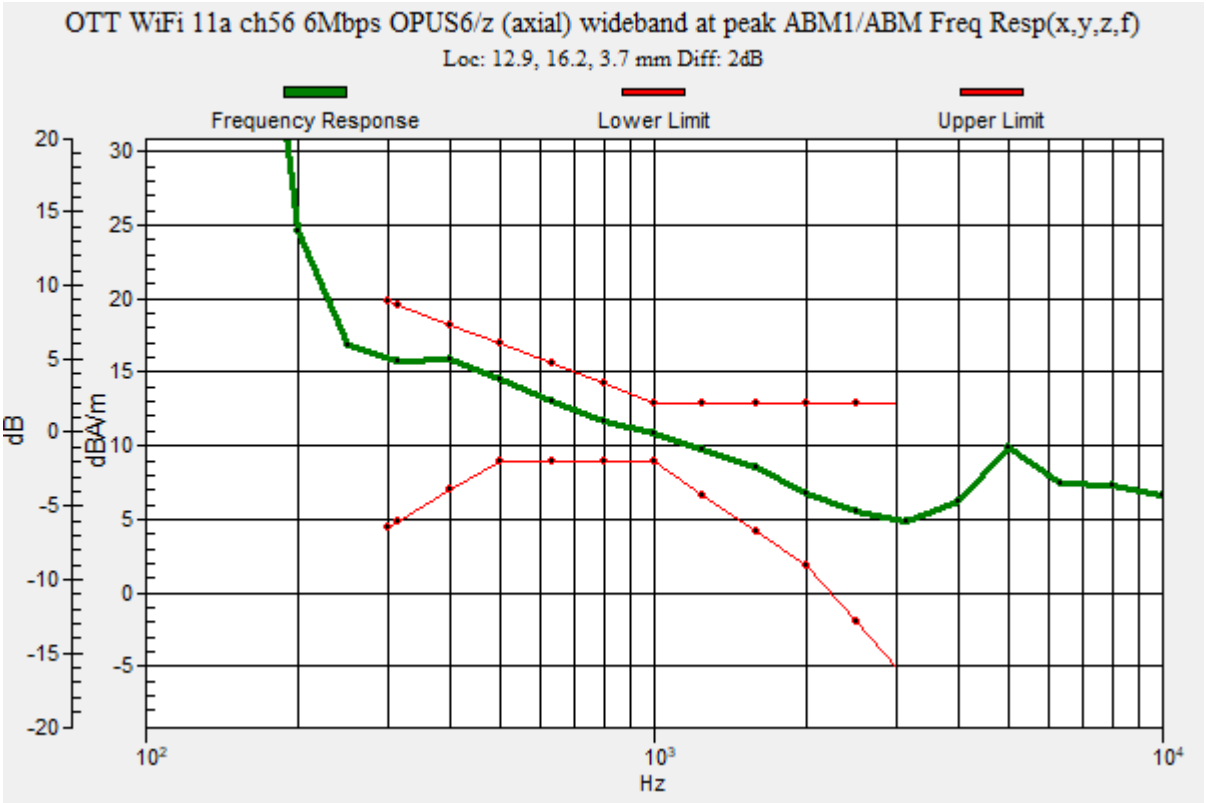
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5280 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT WiFi 11a ch56 6Mbps OPUS6/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 12.9, 16.2, 3.7 mm



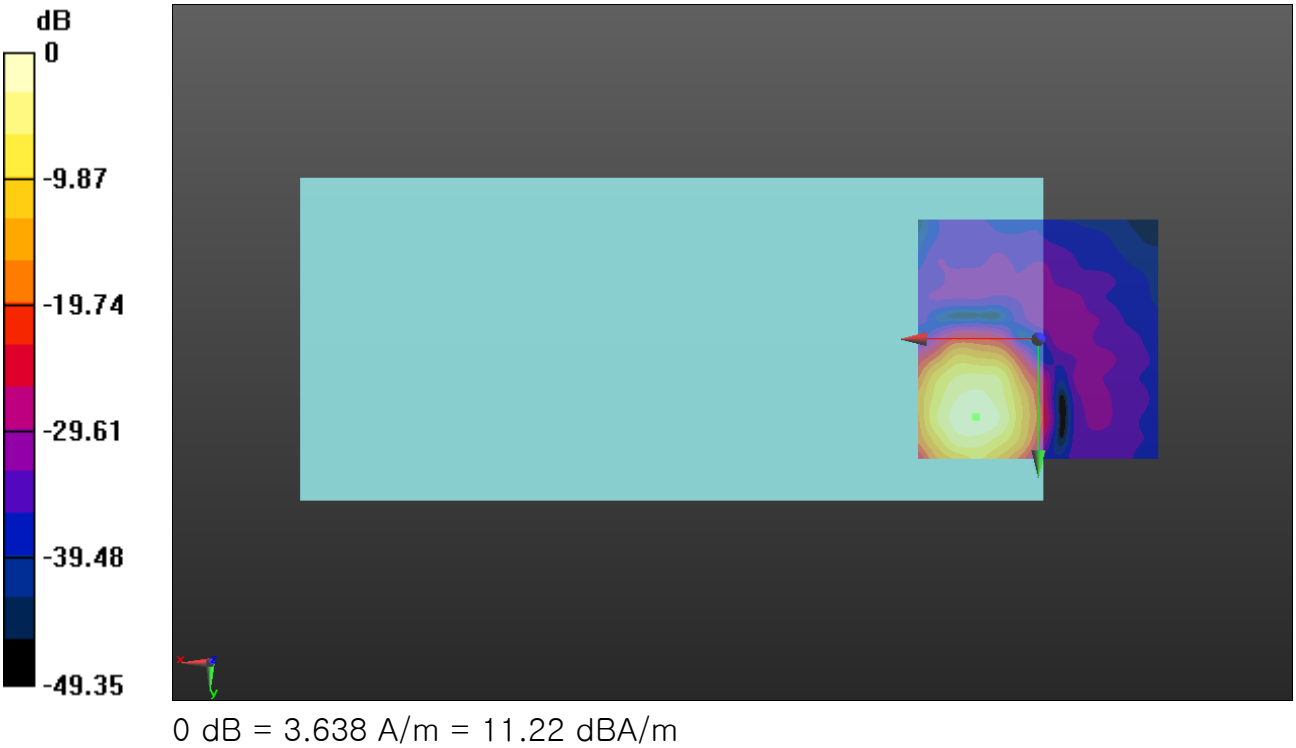
OTT WiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 56.29 dB
ABM1 = 11.22 dBA/m
ABM2 = -45.07 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 16.2, 3.7 mm



0 dB = 3.638 A/m = 11.22 dBA/m

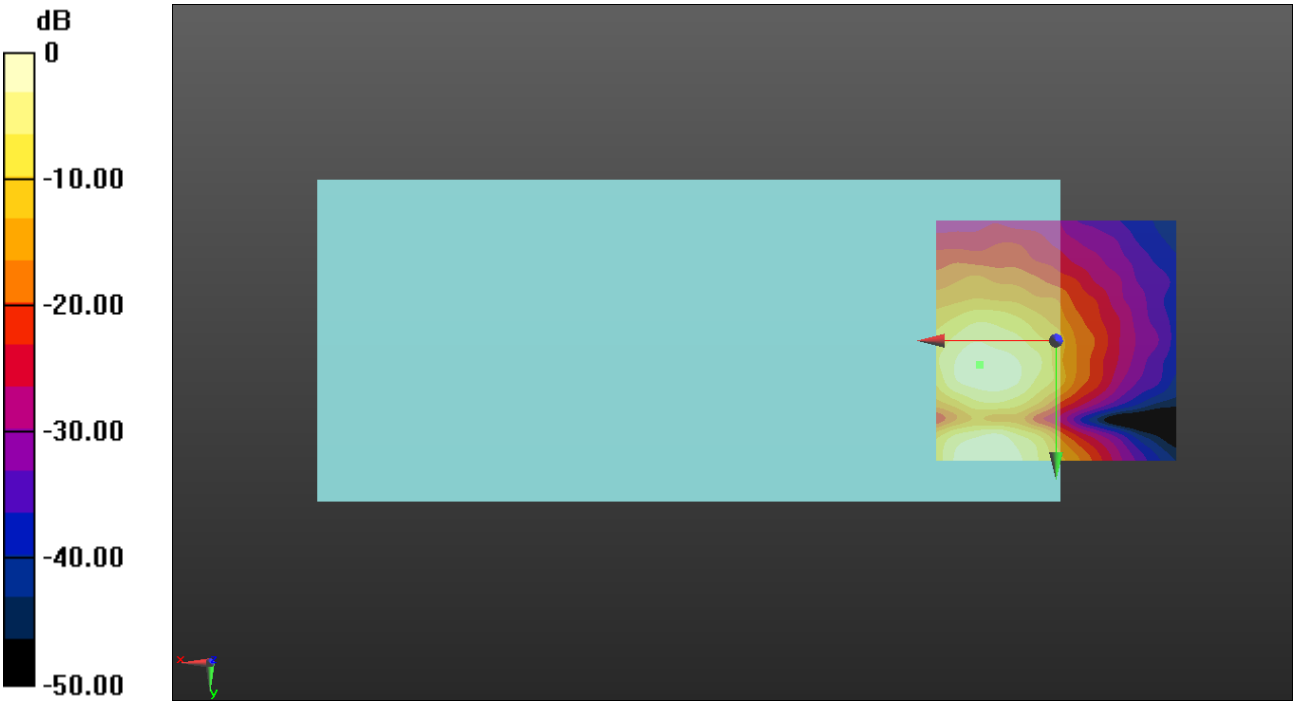
OTT WiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 38.06 dB
ABM1 = 1.81 dBA/m
ABM2 = -36.25 dBA/m
BWC Factor = 0.16 dB
Location: 15.8, 5, 3.7 mm



0 dB = 1.304 A/m = 2.31 dBA/m

OTT WiFi

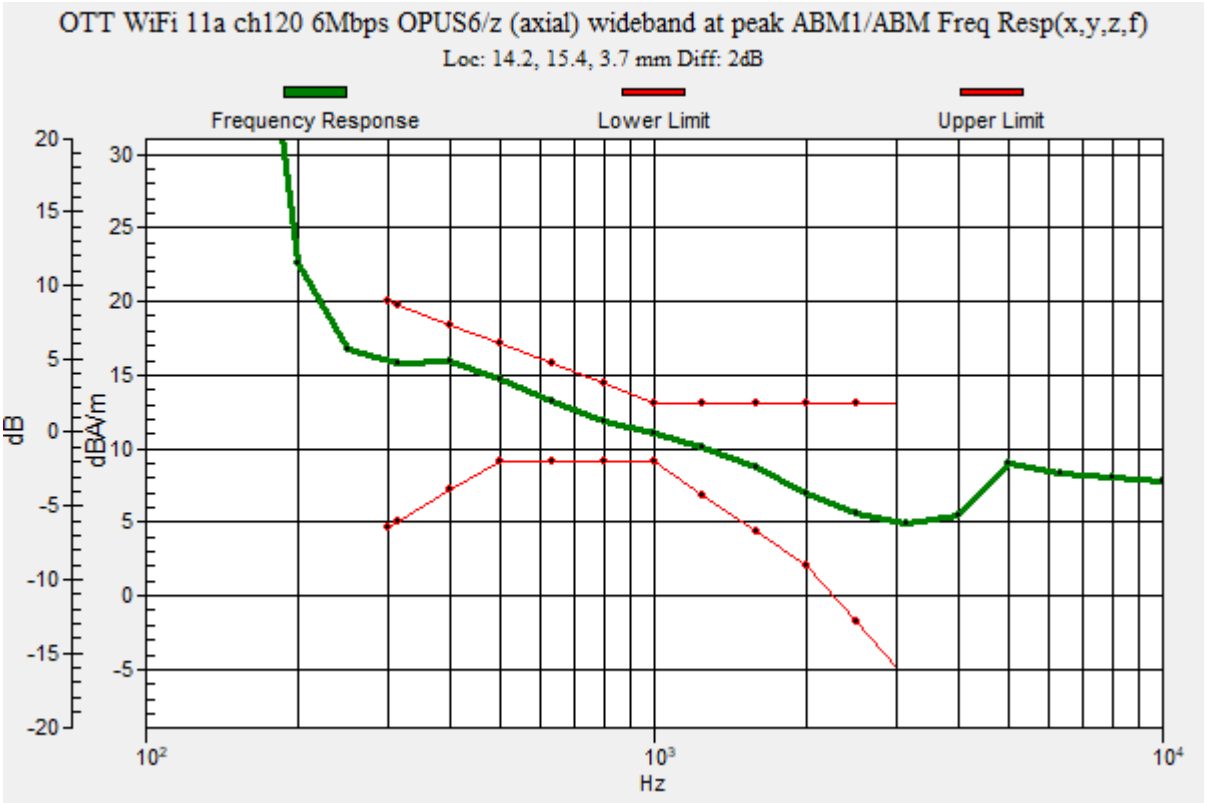
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5600 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT WiFi 11a ch120 6Mbps OPUS6/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 14.2, 15.4, 3.7 mm



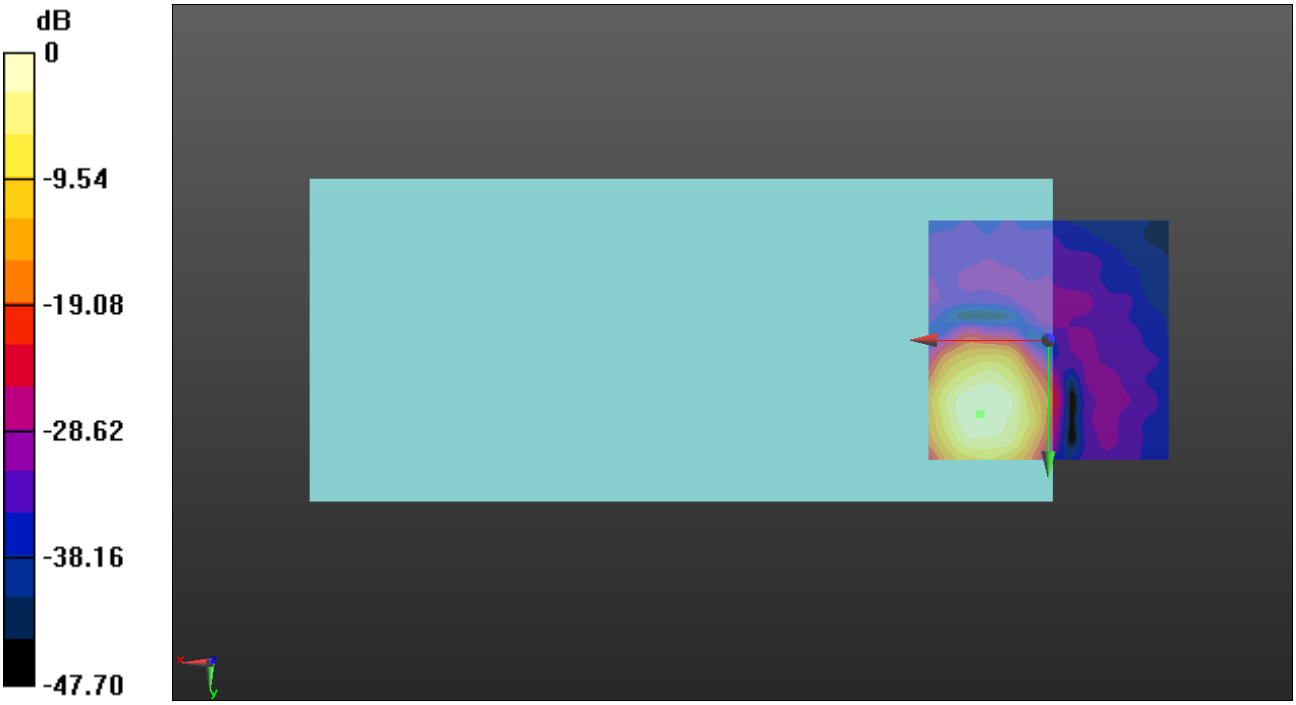
OTT WiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 53.11 dB
ABM1 = 10.33 dBA/m
ABM2 = -42.78 dBA/m
BWC Factor = 0.16 dB
Location: 14.2, 15.4, 3.7 mm



0 dB = 3.284 A/m = 10.33 dBA/m

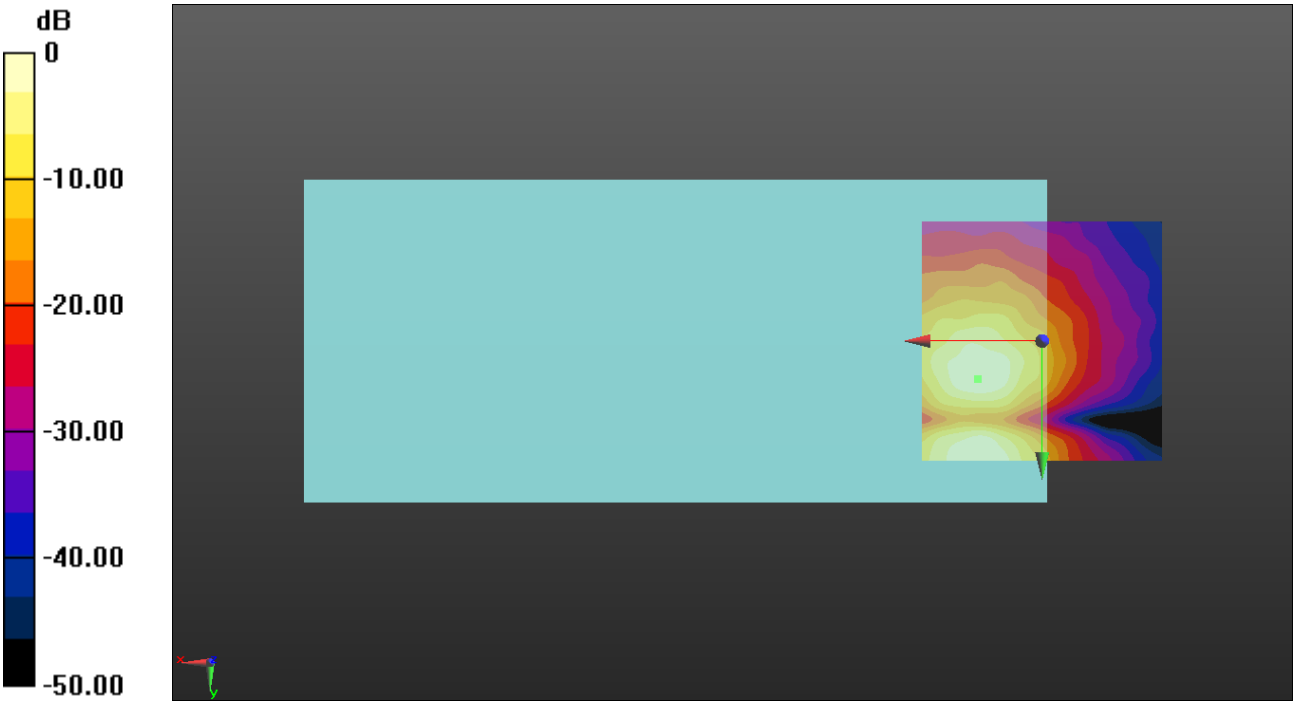
OTT WiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 43.02 dB
ABM1 = 2.76 dBA/m
ABM2 = -40.26 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 7.9, 3.7 mm



0 dB = 1.410 A/m = 2.98 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 OPUS6/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 15, 13.7, 3.7 mm

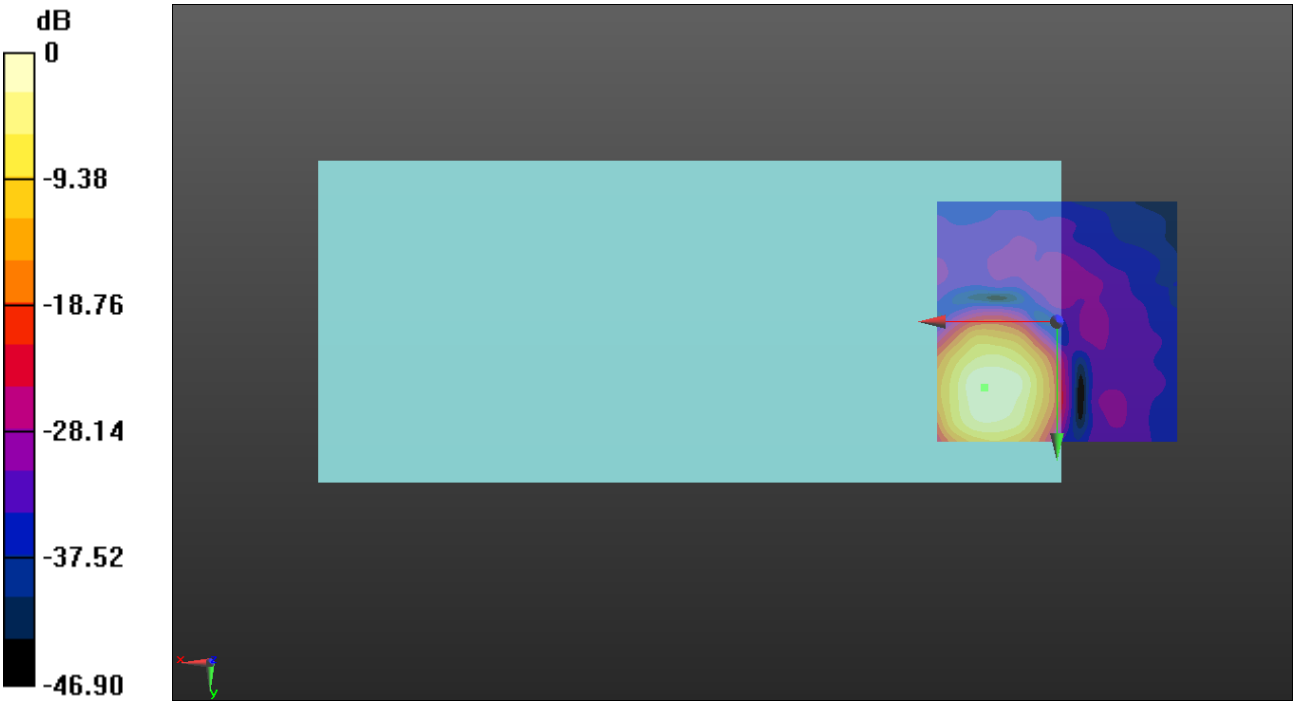
OTT WiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 53.58 dB
ABM1 = 10.02 dBA/m
ABM2 = -43.56 dBA/m
BWC Factor = 0.16 dB
Location: 15, 13.7, 3.7 mm



0 dB = 3.171 A/m = 10.02 dBA/m

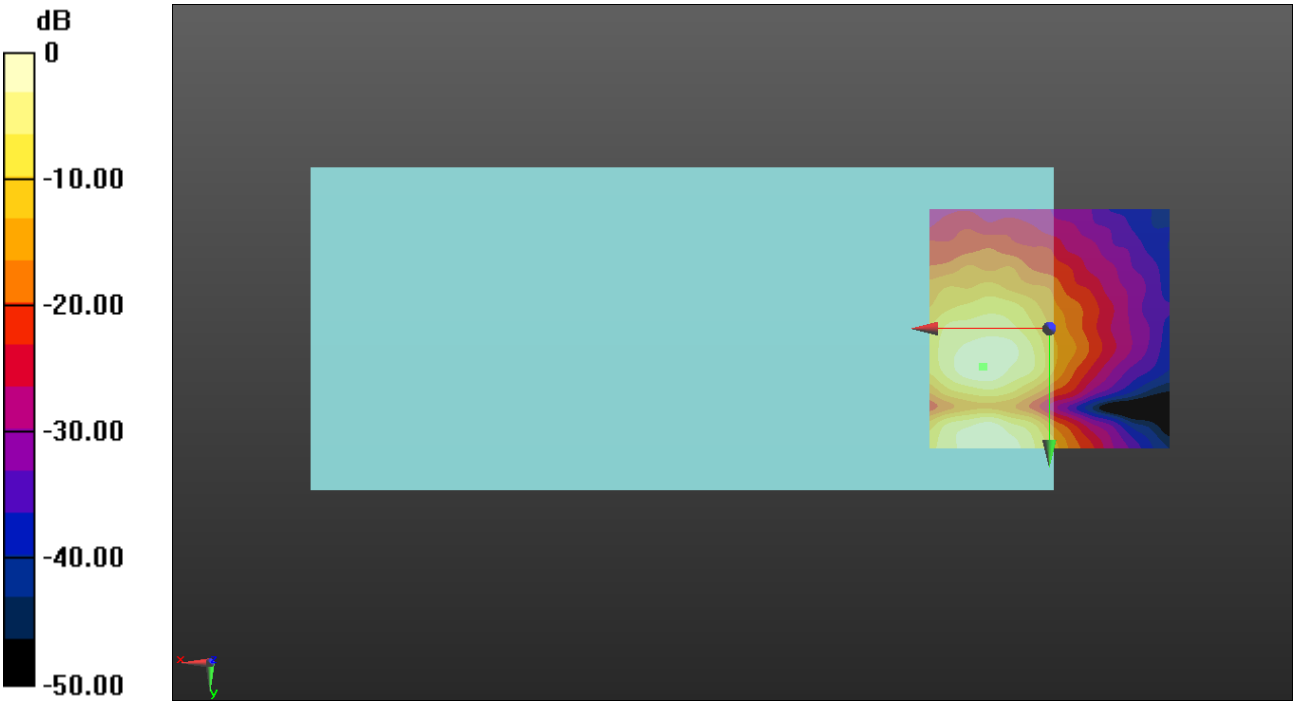
OTT WiFi

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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 42.97 dB
ABM1 = 2.54 dBA/m
ABM2 = -40.43 dBA/m
BWC Factor = 0.16 dB
Location: 13.8, 7.9, 3.7 mm



0 dB = 1.339 A/m = 2.54 dBA/m

OTT WiFi

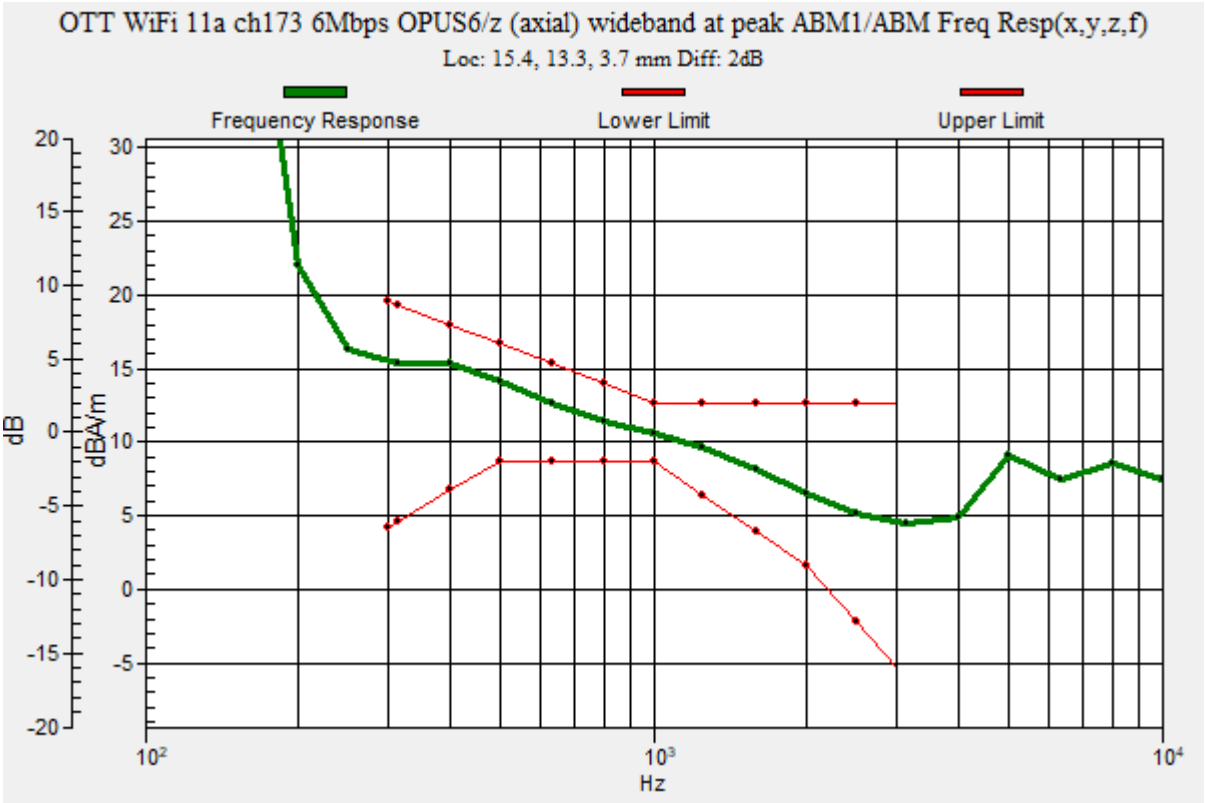
Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5865 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/OTT WiFi 11a ch173 6Mbps OPUS6/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: 40.83
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 = 2.00 dB
BWC Factor = 10.80 dB
Location: 15.4, 13.3, 3.7 mm



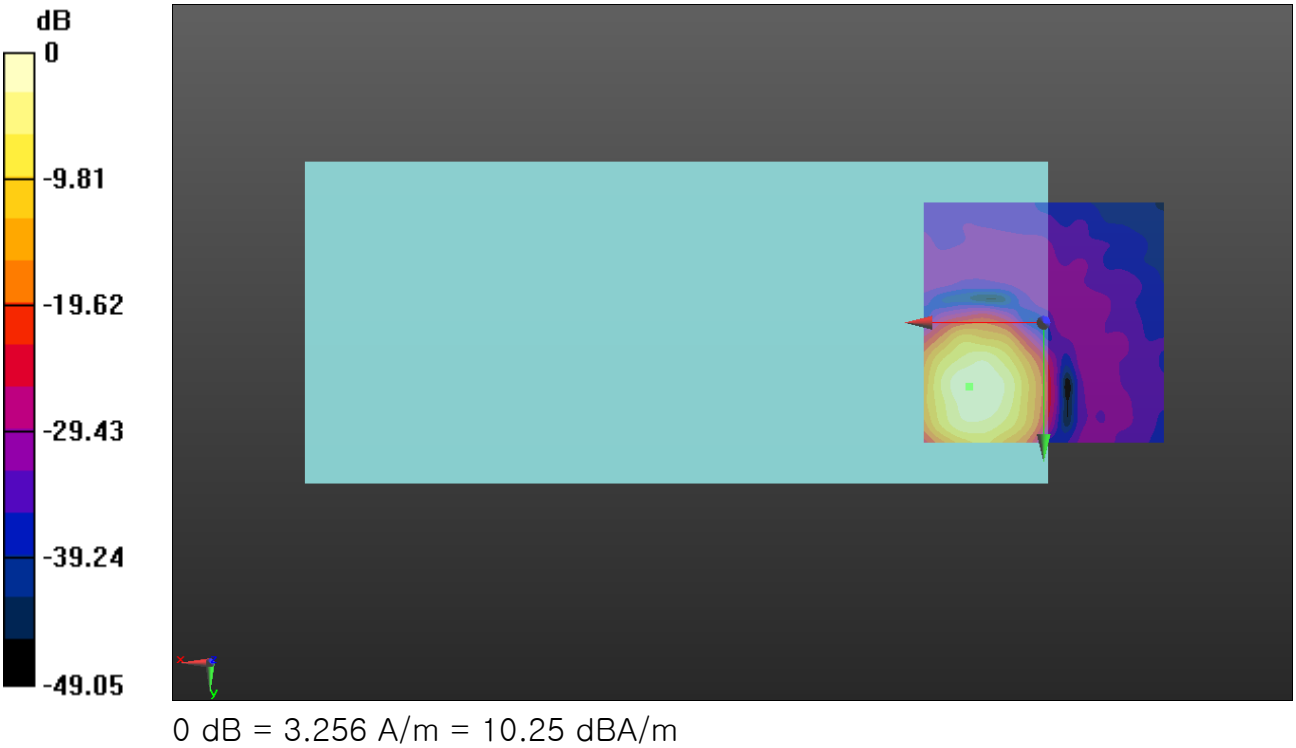
OTT WiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5865 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 ch173 6Mbps 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 50.45 dB
ABM1 = 10.25 dBA/m
ABM2 = -40.20 dBA/m
BWC Factor = 0.16 dB
Location: 15.4, 13.3, 3.7 mm



0 dB = 3.256 A/m = 10.25 dBA/m

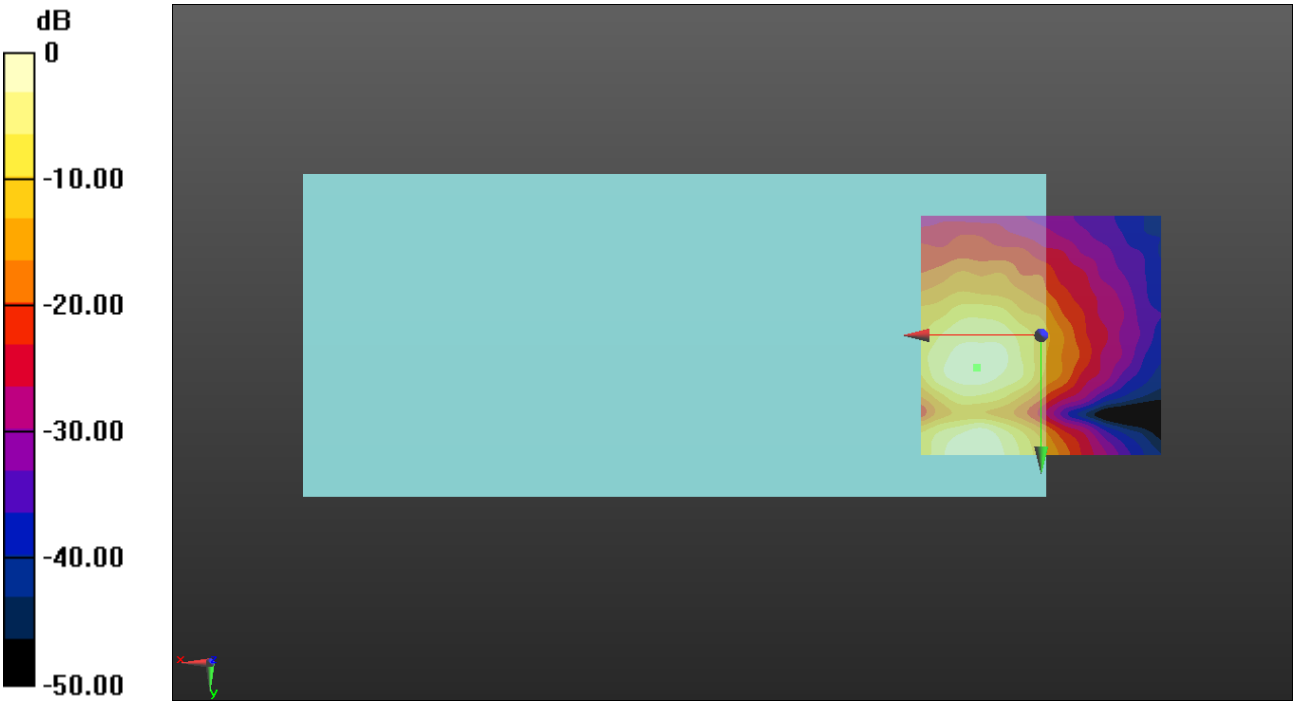
OTT WiFi

Communication System: UID 0, IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5865 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- 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 ch173 6Mbps 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: 20.82
Measure Window Start: 500ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 41.95 dB
ABM1 = 1.61 dBA/m
ABM2 = -40.34 dBA/m
BWC Factor = 0.16 dB
Location: 13.3, 6.7, 3.7 mm



0 dB = 1.355 A/m = 2.64 dBA/m

VoNR TDD_Folder opened

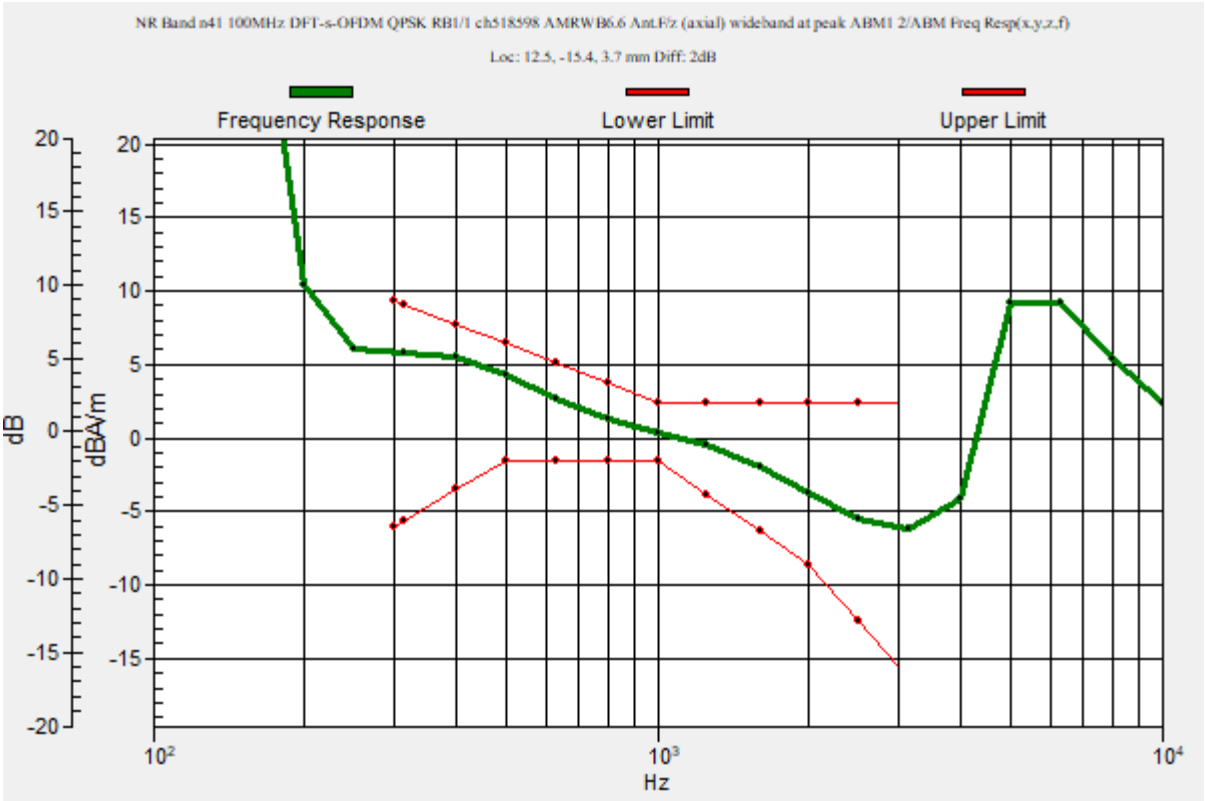
Communication System: UID 10866 - AAF, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz;Duty Cycle: 1:3.69913

T-Coil scan (scan for ANSI C63.19 2011 compliance)_Front/NR Band n41 100MHz DFT-s-OFDM QPSK RB1/1 ch518598 AMRWB6.6 Ant.F/z (axial) wideband at peak ABM1 2/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 29.78
Measure Window Start: 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: 12.5, -15.4, 3.7 mm



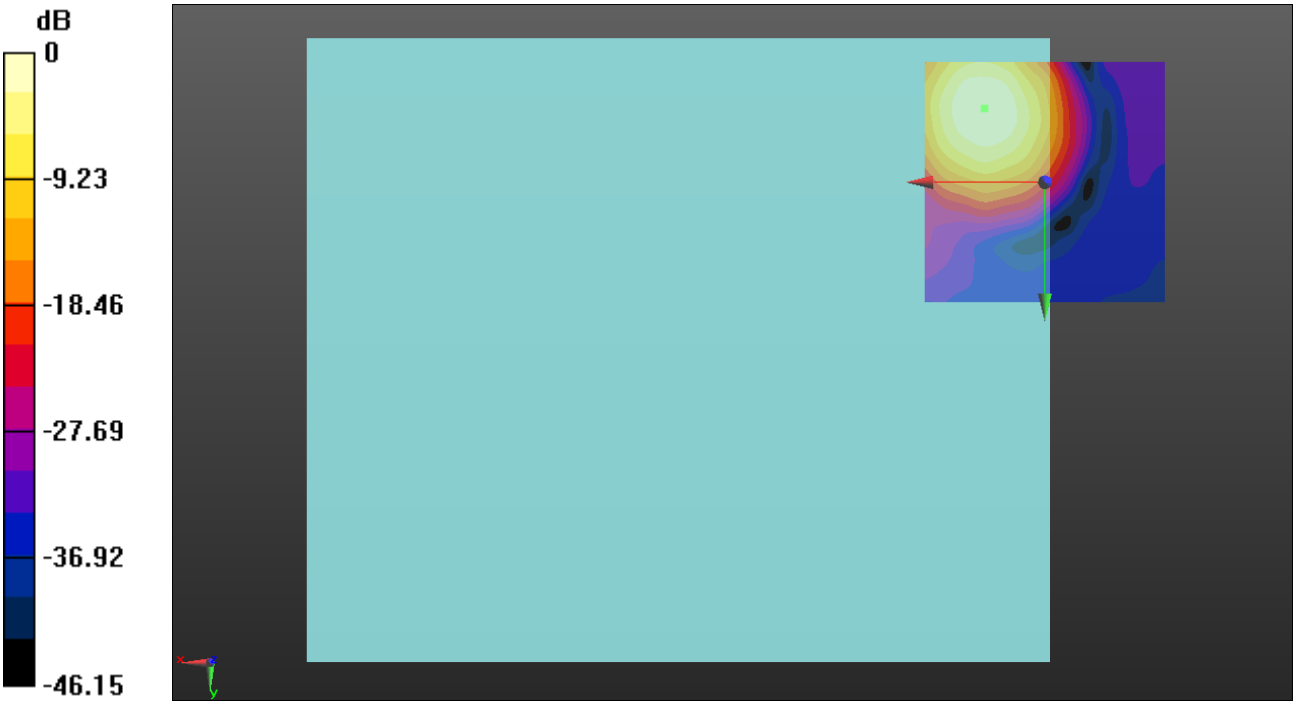
VoNR TDD_Folder opened

Communication System: UID 10866 - AAF, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz;
Duty Cycle: 1:3.69913
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)_Front/NR Band n41 100MHz DFT-s-OFDM QPSK RB1/1 ch518598 AMRWB6.6 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 30.19 dB
ABM1 = -3.24 dBA/m
ABM2 = -33.43 dBA/m
BWC Factor = 0.16 dB
Location: 12.5, -15.4, 3.7 mm



0 dB = 0.6890 A/m = −3.24 dBA/m

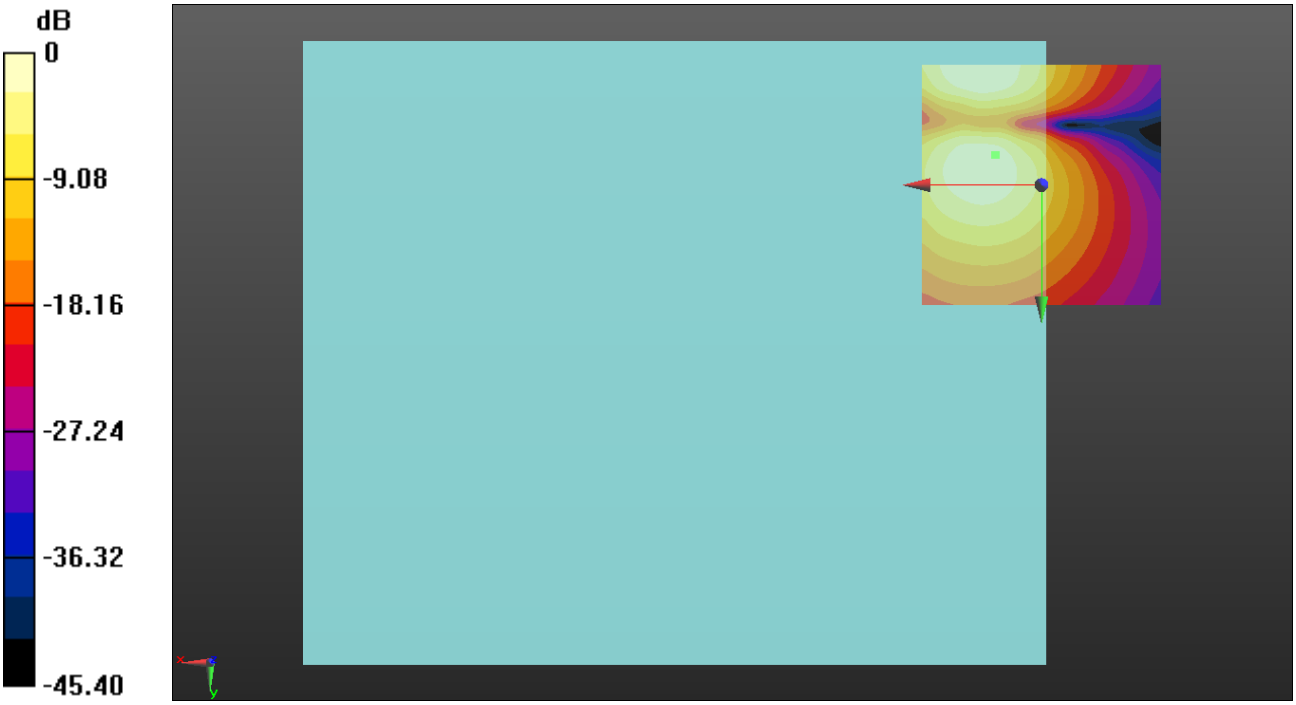
VoNR TDD_Folder opened

Communication System: UID 10866 - AAF, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz;
Duty Cycle: 1:3.69913
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)_Front/NR Band n41 100MHz DFT-s-OFDM QPSK RB1/1 ch518598 AMRWB6.6 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 24.09 dB
ABM1 = -10.76 dBA/m
ABM2 = -34.85 dBA/m\
BWC Factor = 0.16 dB
Location: 9.6, -6.3, 3.7 mm



0 dB = 0.3418 A/m = −9.32 dBA/m

VoNR TDD_Folder opened

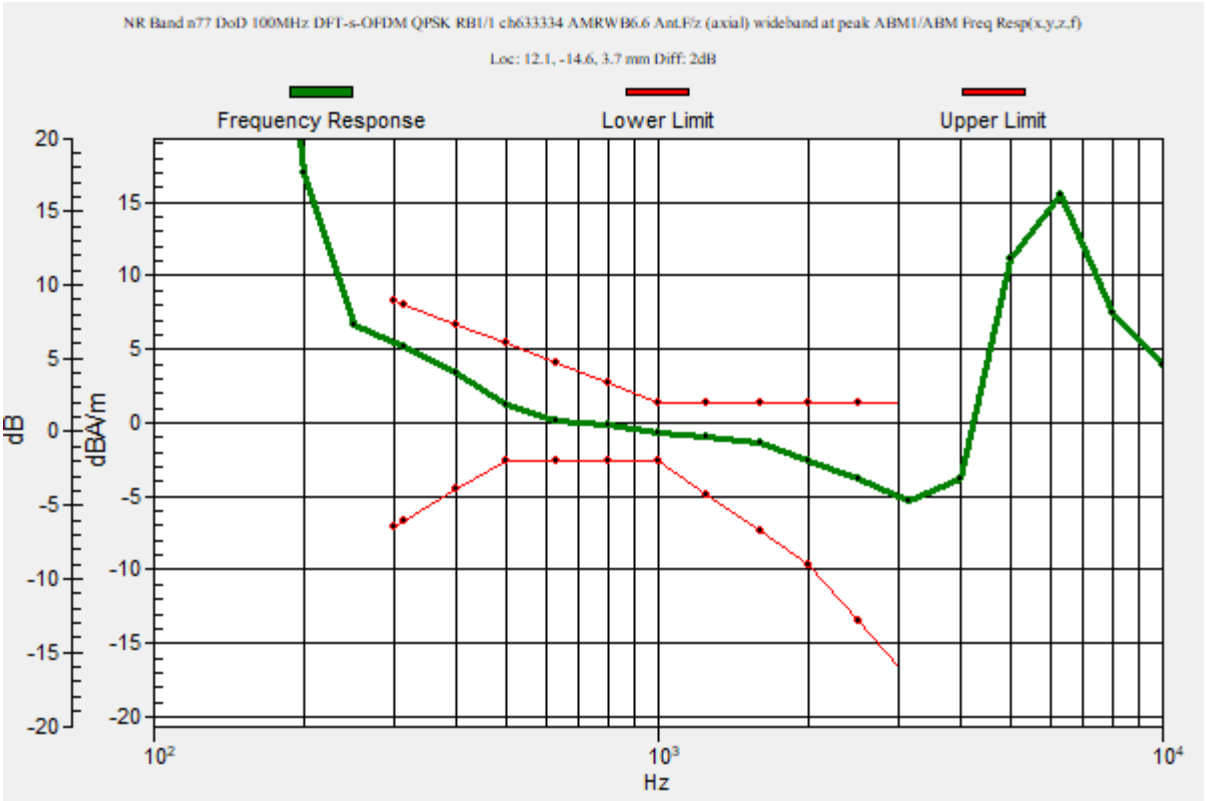
Communication System: UID 10866 - AAF, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3500.01 MHz;Duty Cycle: 1:3.69913

T-Coil scan (scan for ANSI C63.19 2011 compliance)_Front/NR Band n77 DoD 100MHz DFT-s-OFDM QPSK RB1/1 ch633334 AMRWB6.6 Ant.F/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: 29.78
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: 12.1, -14.6, 3.7 mm



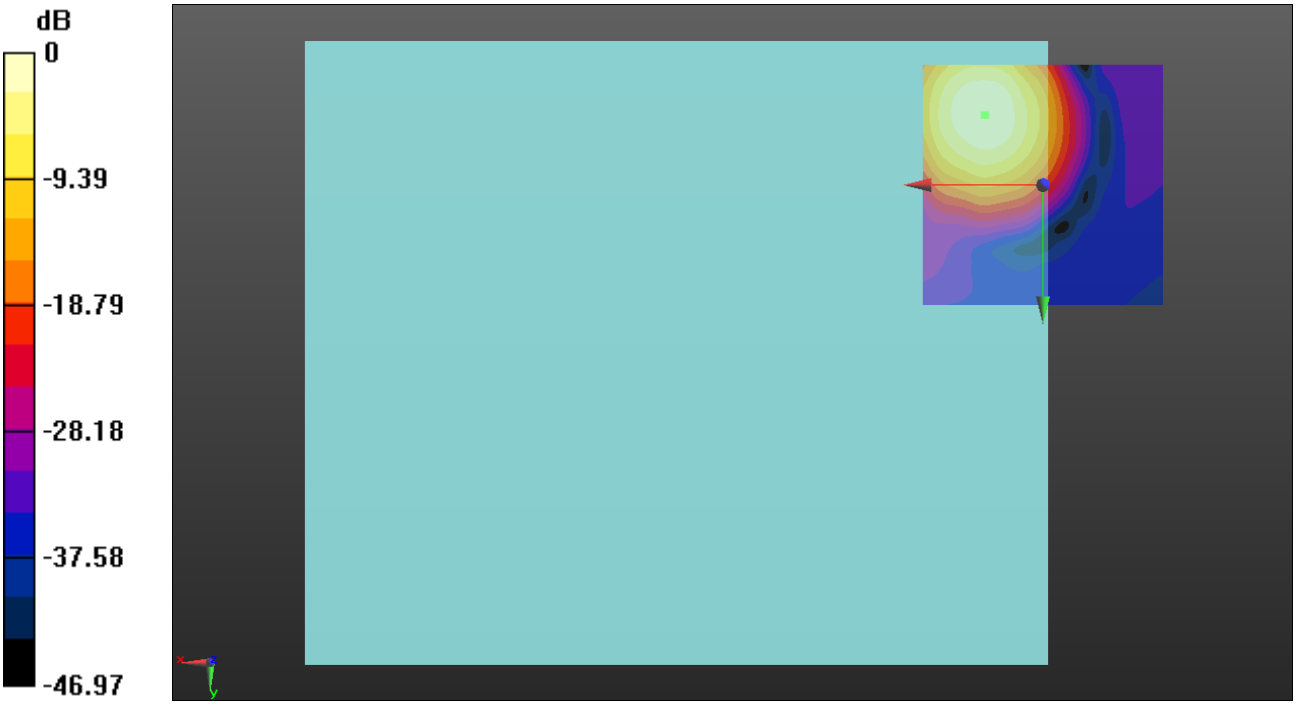
VoNR TDD_Folder opened

Communication System: UID 10866 - AAF, 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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)_Front/NR Band n77 DoD 100MHz DFT-s-OFDM QPSK RB1/1 ch633334 AMRWB6.6 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 31.27 dB
ABM1 = -1.37 dBA/m
ABM2 = -32.64 dBA/m
BWC Factor = 0.16 dB
Location: 12.1, -14.6, 3.7 mm



0 dB = 0.8546 A/m = −1.36 dBA/m

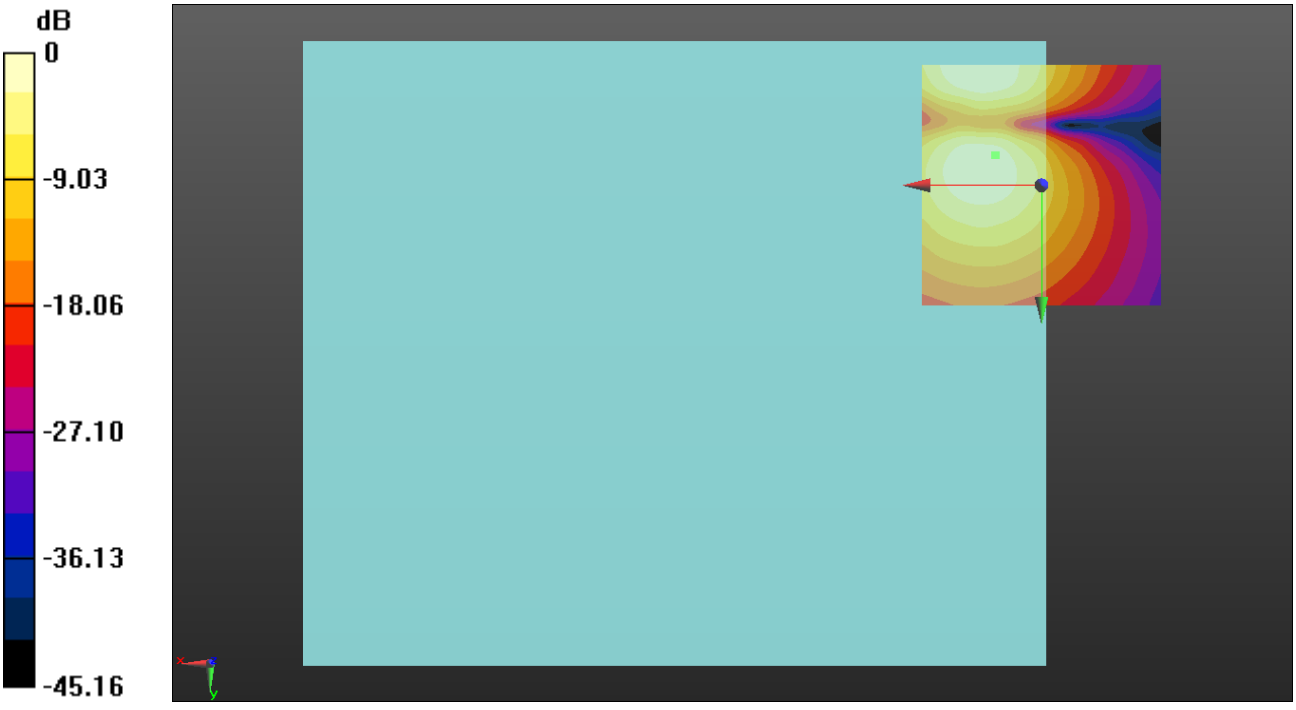
VoNR TDD_Folder opened

Communication System: UID 10866 - AAF, 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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)_Front/NR Band n77 DoD 100MHz DFT-s-OFDM QPSK RB1/1 ch633334 AMRWB6.6 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 24.49 dB
ABM1 = -10.88 dBA/m
ABM2 = -35.37 dBA/m
BWC Factor = 0.16 dB
Location: 9.6, -6.3, 3.7 mm



0 dB = 0.3393 A/m = −9.39 dBA/m

VoNR TDD_Folder opened

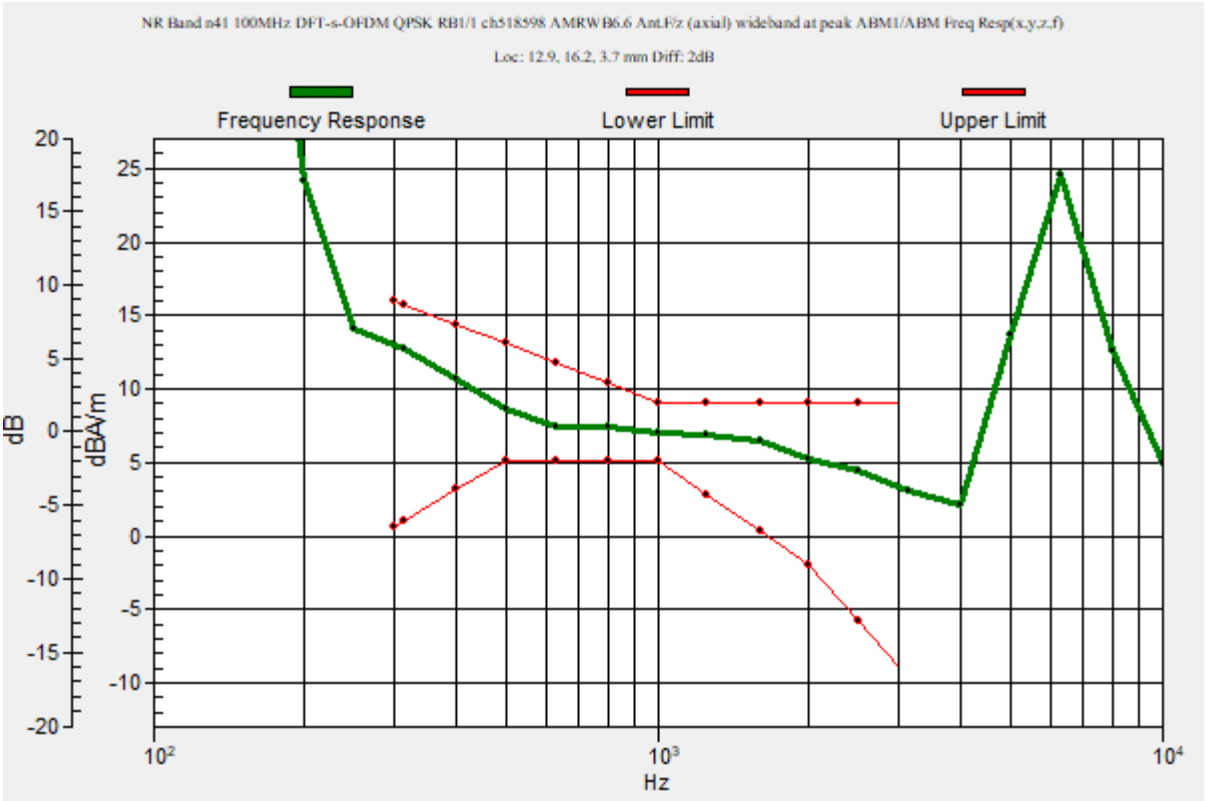
Communication System: UID 10866 - AAF, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz;Duty Cycle: 1:3.69913

T-Coil scan (scan for ANSI C63.19 2011 compliance)_Back/NR Band n41 100MHz DFT-s-OFDM QPSK RB1/1 ch518598 AMRWB6.6 Ant.F/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: 29.78
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: 12.9, 16.2, 3.7 mm



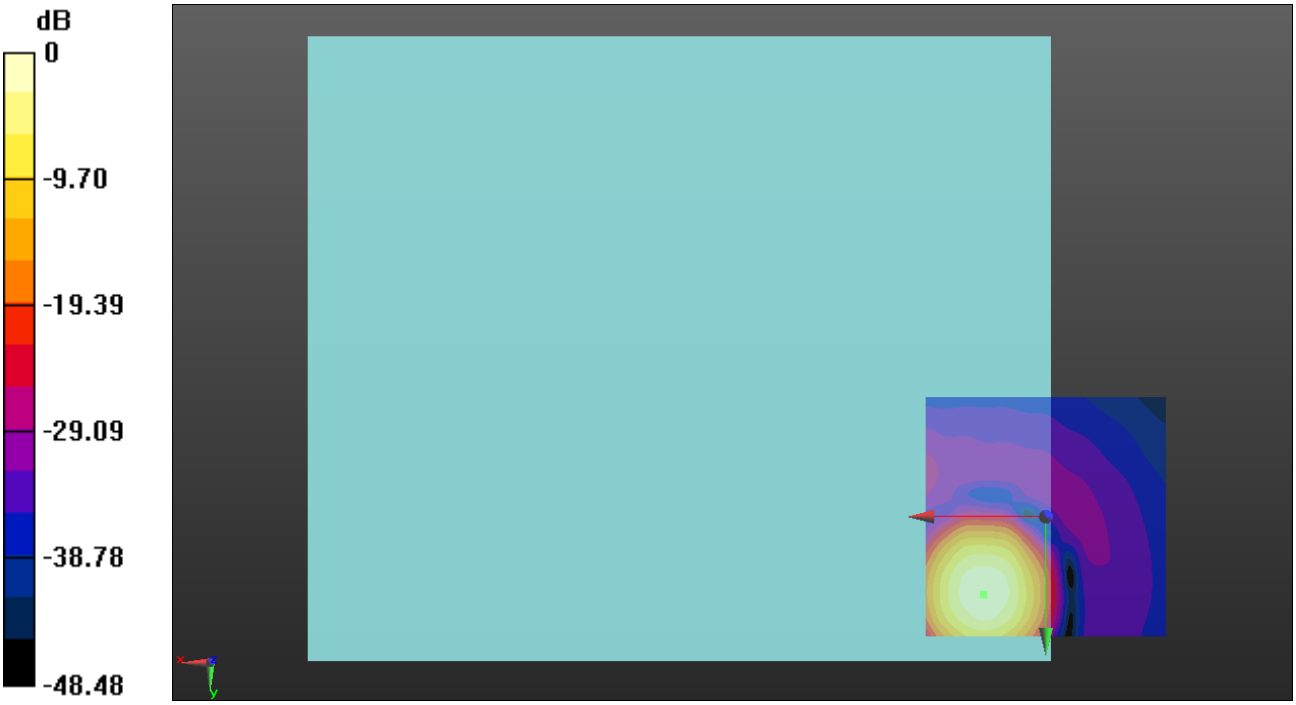
VoNR TDD_Folder opened

Communication System: UID 10866 - AAF, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz;
Duty Cycle: 1:3.69913
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)_Back/NR Band n41 100MHz DFT-s-OFDM QPSK RB1/1 ch518598 AMRWB6.6 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 37.68 dB
ABM1 = 6.34 dBA/m
ABM2 = -31.34 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 16.2, 3.7 mm



0 dB = 2.076 A/m = 6.34 dBA/m

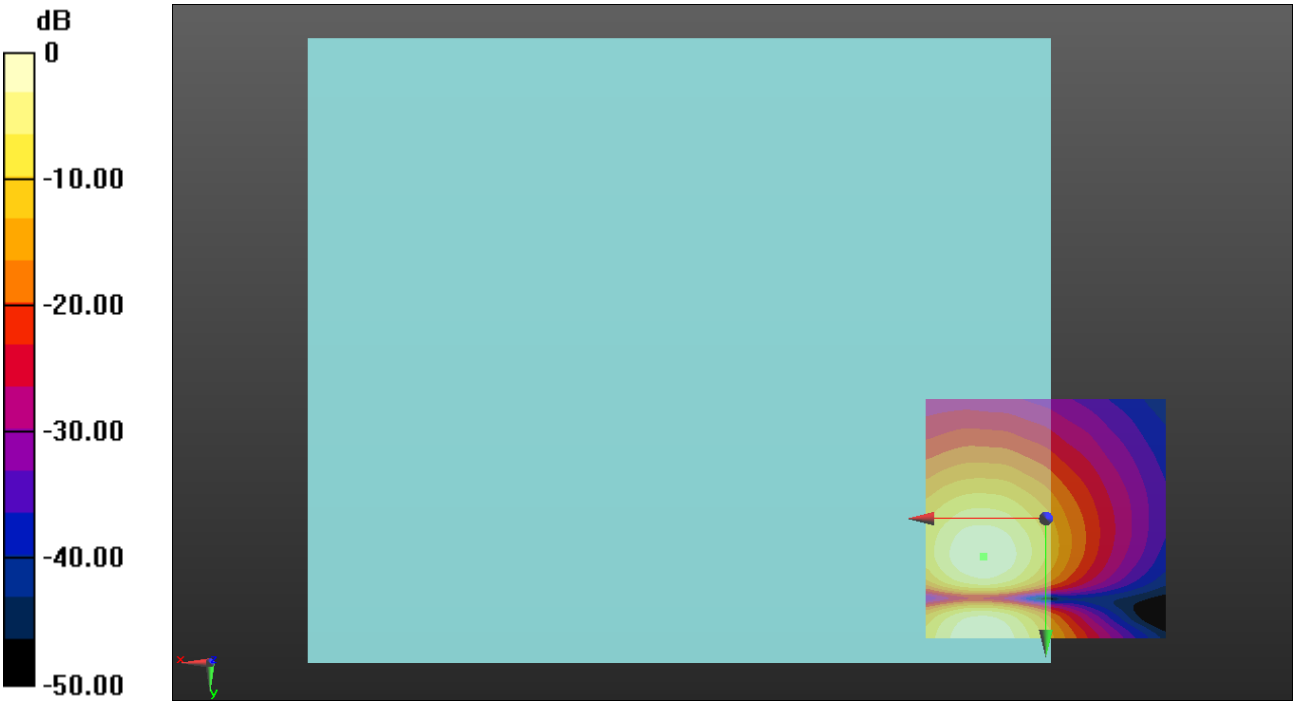
VoNR TDD_Folder opened

Communication System: UID 10866 - AAF, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz;
Duty Cycle: 1:3.69913
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3140; ; Calibrated: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)_Back/NR Band n41 100MHz DFT-s-OFDM QPSK RB1/1 ch518598 AMRWB6.6 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 26.96 dB
ABM1 = -2.01 dBA/m
ABM2 = -28.97 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.9, 3.7 mm



0 dB = 0.7945 A/m = −2.00 dBA/m

VoNR TDD_Folder opened

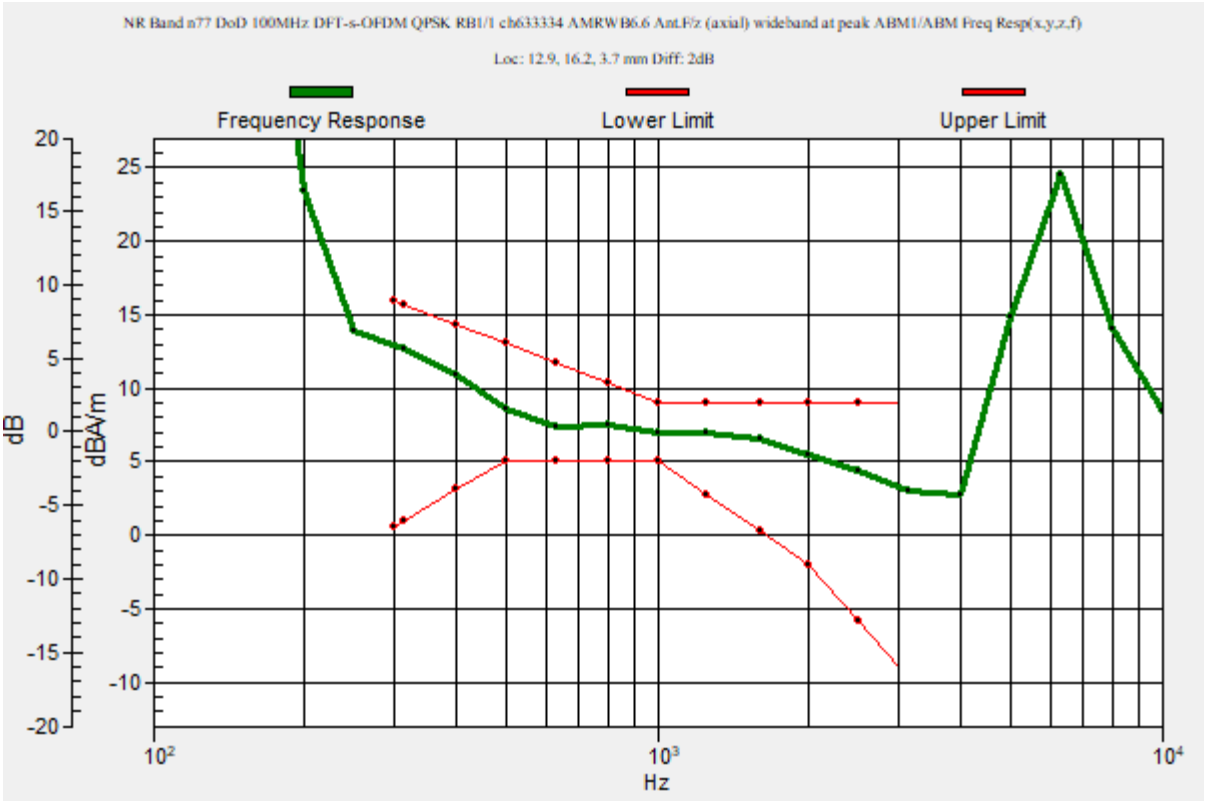
Communication System: UID 10866 - AAF, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 3500.01 MHz;Duty Cycle: 1:3.69913

T-Coil scan (scan for ANSI C63.19 2011 compliance)_Back/NR Band n77 DoD 100MHz DFT-s-OFDM QPSK RB1/1 ch633334 AMRWB6.6 Ant.F/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: 29.78
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: 12.9, 16.2, 3.7 mm



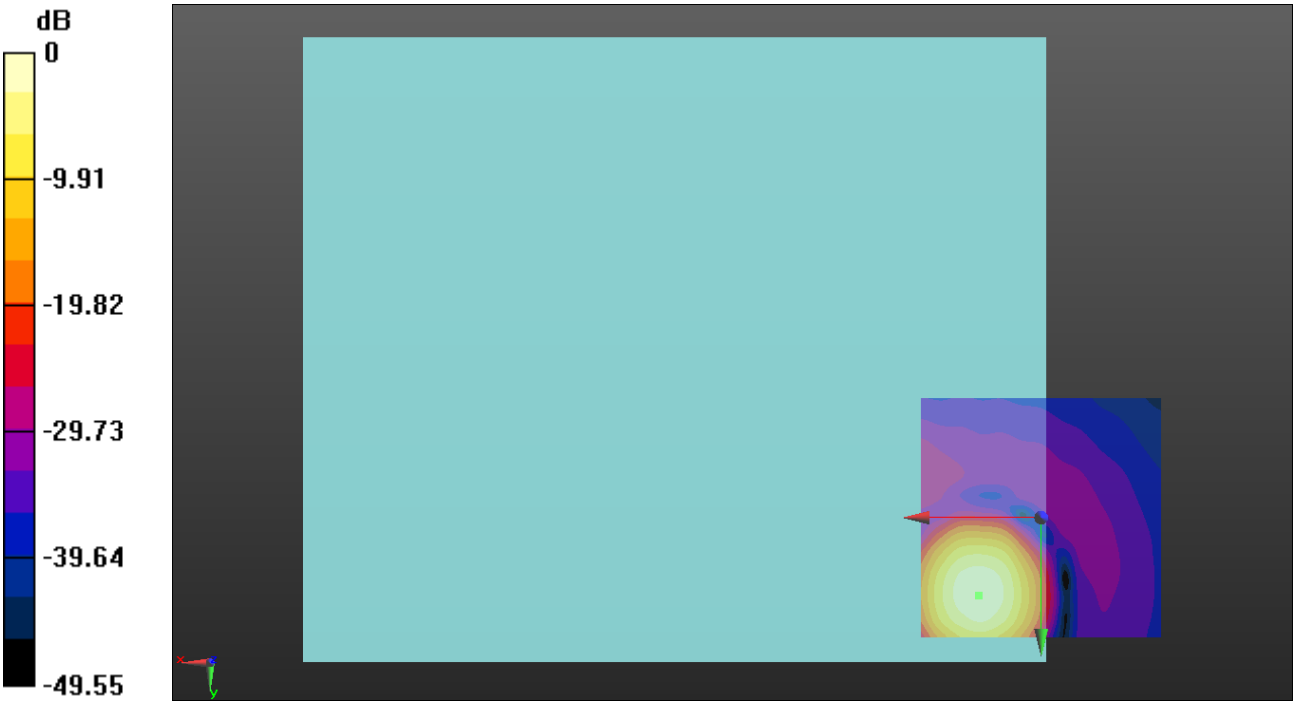
VoNR TDD_Folder opened

Communication System: UID 10866 - AAF, 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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)_Back/NR Band n77 DoD 100MHz DFT-s-OFDM QPSK RB1/1 ch633334 AMRWB6.6 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 34.74 dB
ABM1 = 6.42 dBA/m
ABM2 = -28.32 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 16.2, 3.7 mm



0 dB = 2.094 A/m = 6.42 dBA/m

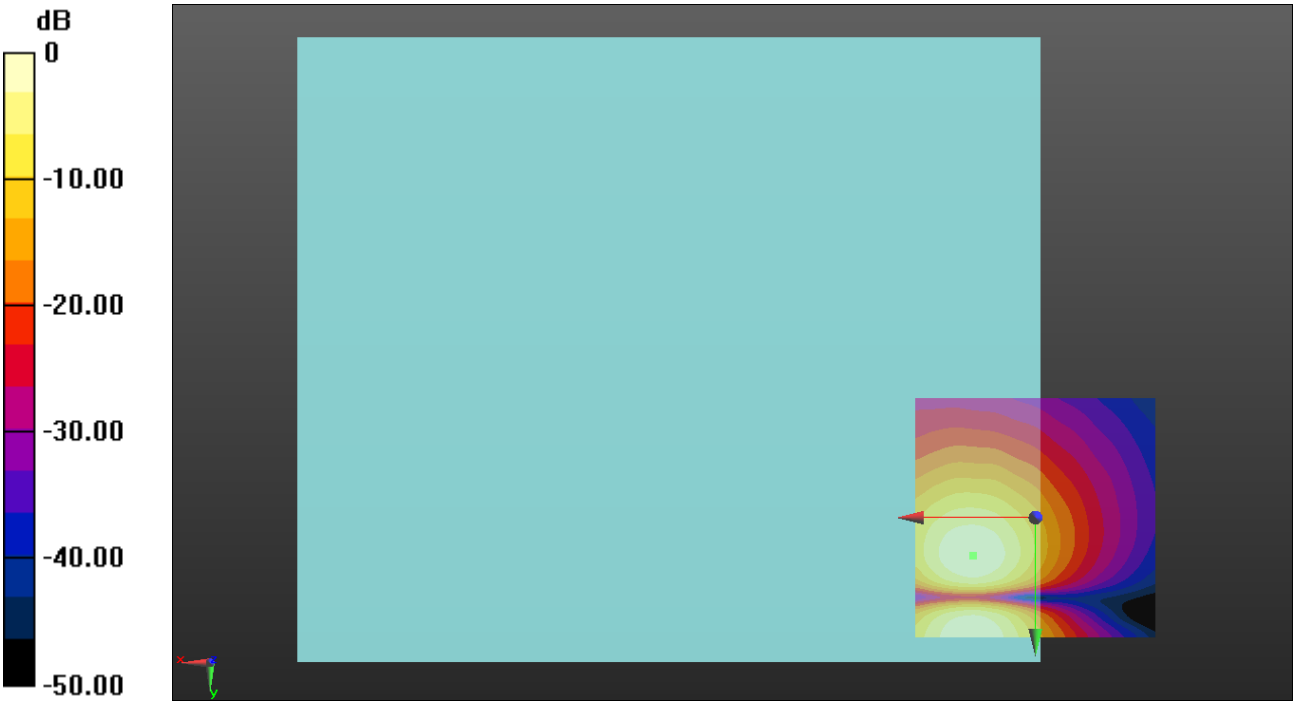
VoNR TDD_Folder opened

Communication System: UID 10866 - AAF, 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: 9/26/2022
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn912; Calibrated: 11/16/2022
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

T-Coil scan (scan for ANSI C63.19 2011 compliance)_Back/NR Band n77 DoD 100MHz DFT-s-OFDM QPSK RB1/1 ch633334 AMRWB6.6 Ant.F/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: 15.19
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 23.96 dB
ABM1 = -1.83 dBA/m
ABM2 = -25.79 dBA/m
BWC Factor = 0.16 dB
Location: 12.9, 7.9, 3.7 mm



0 dB = 0.8102 A/m = −1.83 dBA/m