GSM

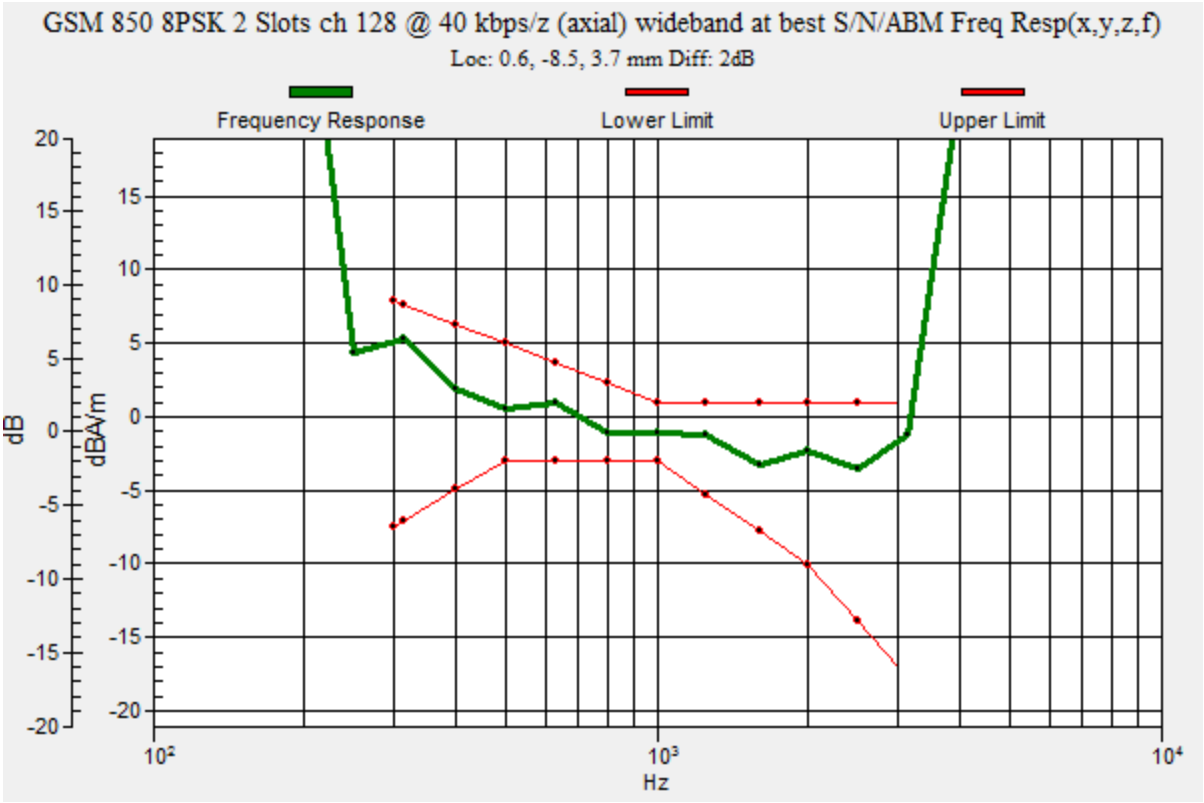
Communication System: UID 0, @EGPRS-FDD (TDMA, 8PSK, 2 slot) (0); Frequency: 824.2 MHz;Duty Cycle: 1:4.00037

T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM 850 8PSK 2 Slots ch 128 @ 40 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 72.99
Measure Window Start: 1500ms
Measure Window Length: 3500ms
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: 0.6, -8.5, 3.7 mm



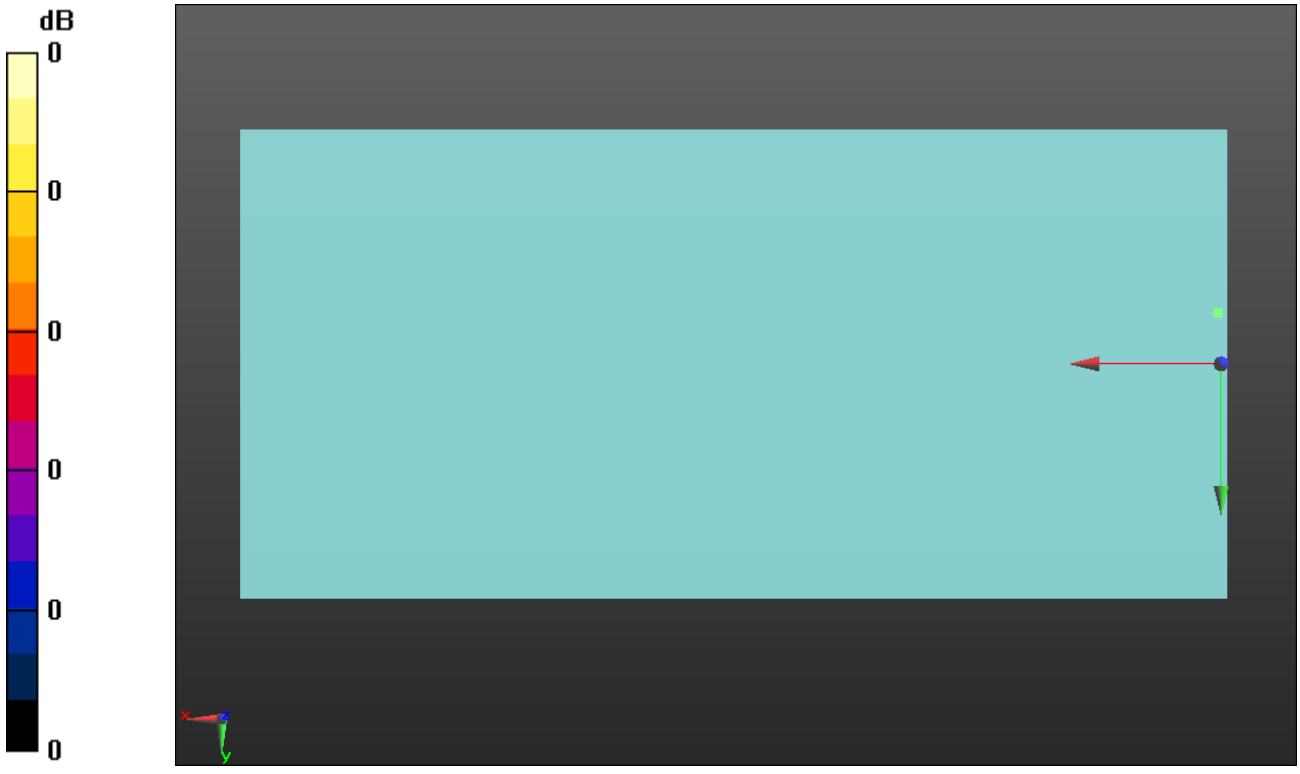
GSM

Communication System: UID 0, @EGPRS-FDD (TDMA, 8PSK, 2 slot) (0); Frequency: 824.2 MHz; Duty Cycle: 1:4.00037
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM 850 8PSK 2 Slots ch 128 @ 40 kbps/z (axial) 4.2mm Single Point/ABM SNR(x,y,z) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 1200ms
Measure Window Length: 1200ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 24.53 dB
ABM1 comp = 2.53 dBA/m
BWC Factor = 0.16 dB
Location: 0.6, -8.5, 3.7 mm
ABM2 = -22.01 dBA/m
Location: 0.6, -8.5, 3.7 mm



0 dB = 1.000 = 0.00 dB

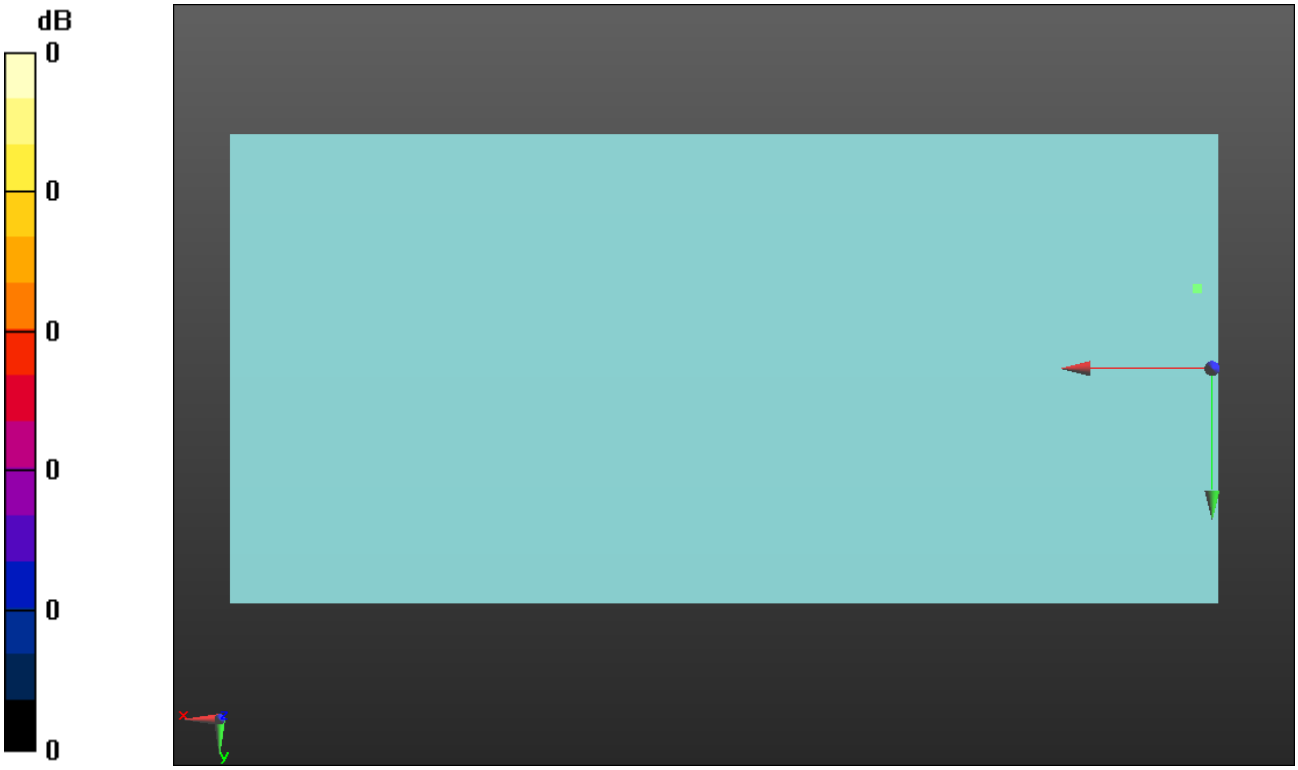
GSM

Communication System: UID 0, @EGPRS-FDD (TDMA, 8PSK, 2 slot) (0); Frequency: 824.2 MHz; Duty Cycle: 1:4.00037
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM 850 8PSK 2 Slots ch 128 @ 40 kbps/y (transversal) 4.2mm Single Point/ABM SNR(x,y,z) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 1200ms
Measure Window Length: 1200ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 33.82 dB
ABM1 comp = -5.82 dBA/m
BWC Factor = 0.16 dB
Location: 2.4, -13.3, 3.7 mm
ABM2 = -39.65 dBA/m
Location: 2.4, -13.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

GSM

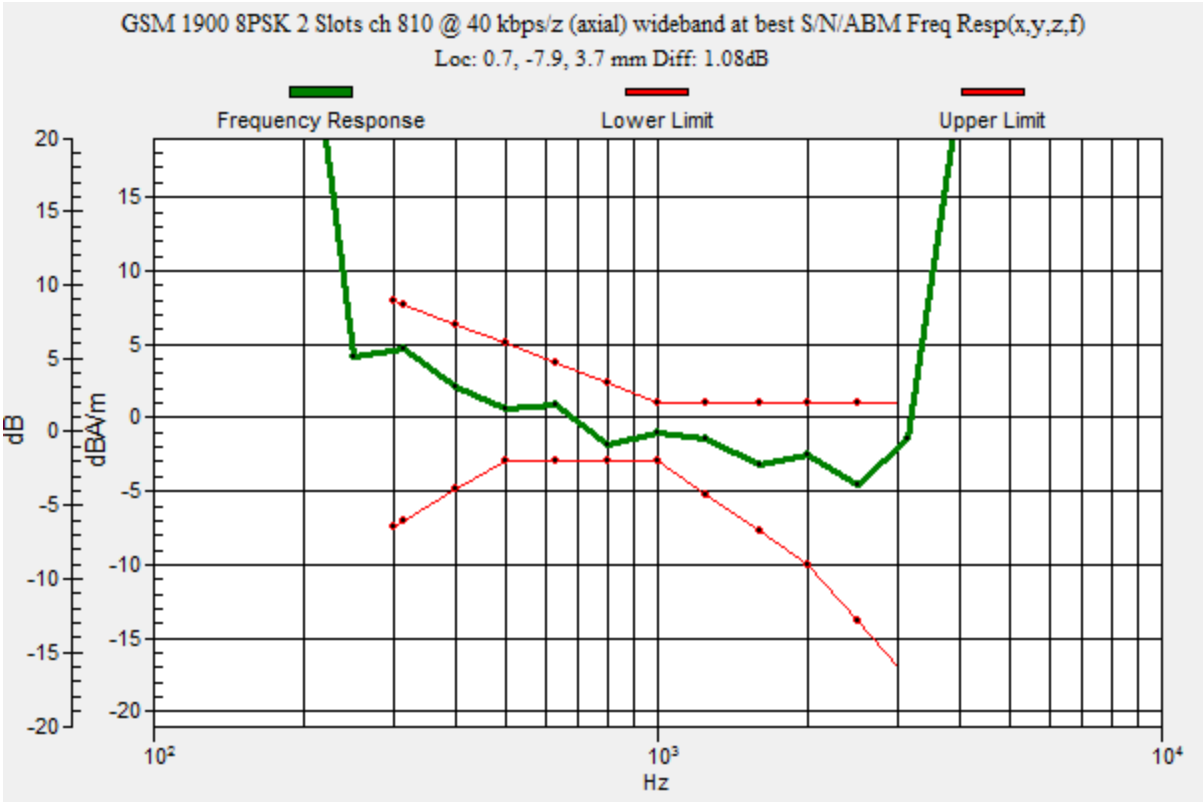
Communication System: UID 0, @EGPRS-FDD (TDMA, 8PSK, 2 slot) (0); Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037

T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM 1900 8PSK 2 Slots ch 810 @ 40 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 72.99
Measure Window Start: 1500ms
Measure Window Length: 3500ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 1.08 dB
BWC Factor = 10.80 dB
Location: 0.7, -7.9, 3.7 mm



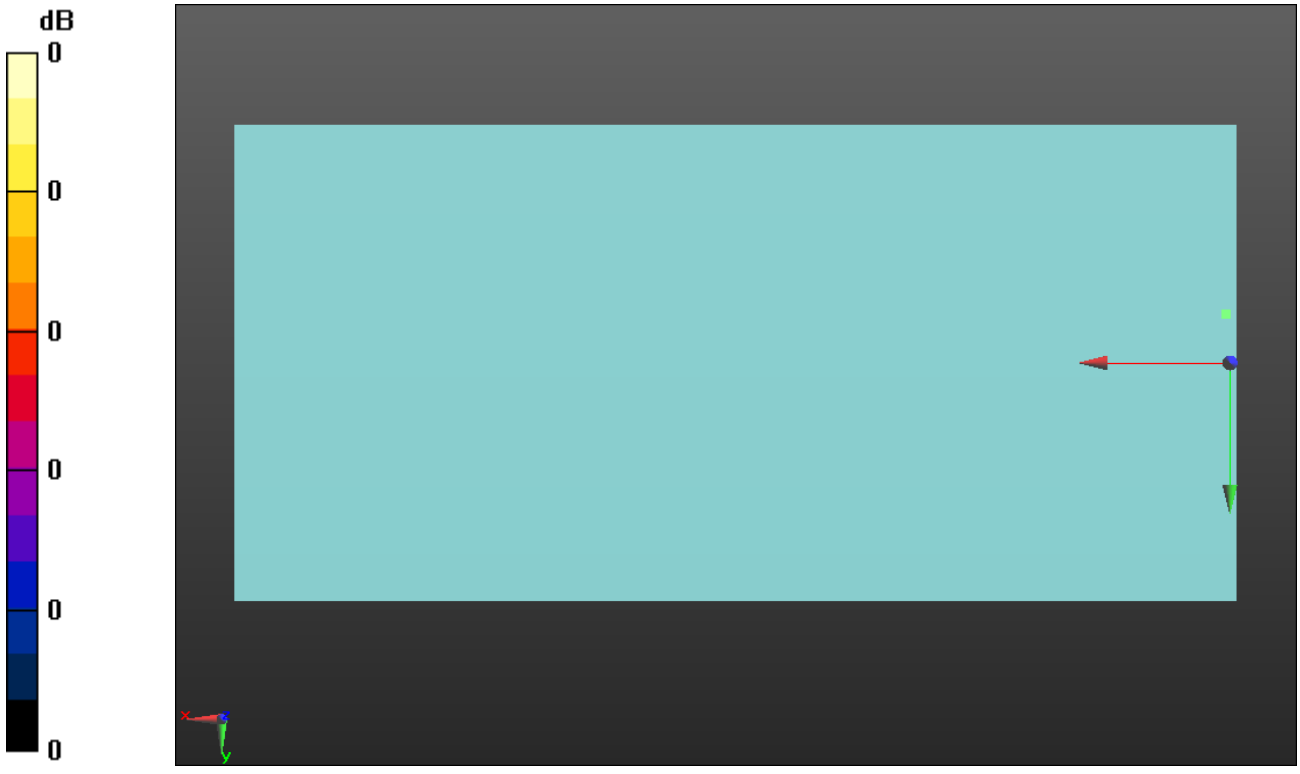
GSM

Communication System: UID 0, @EGPRS-FDD (TDMA, 8PSK, 2 slot) (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.00037
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM 1900 8PSK 2 Slots ch 810 @ 40 kbps/z (axial) 4.2mm Single Point/ABM SNR(x,y,z) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 1200ms
Measure Window Length: 1200ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 25.92 dB
ABM1 comp = 2.64 dBA/m
BWC Factor = 0.16 dB
Location: 0.7, -7.9, 3.7 mm
ABM2 = -23.28 dBA/m
Location: 0.7, -7.9, 3.7 mm



0 dB = 1.000 = 0.00 dB

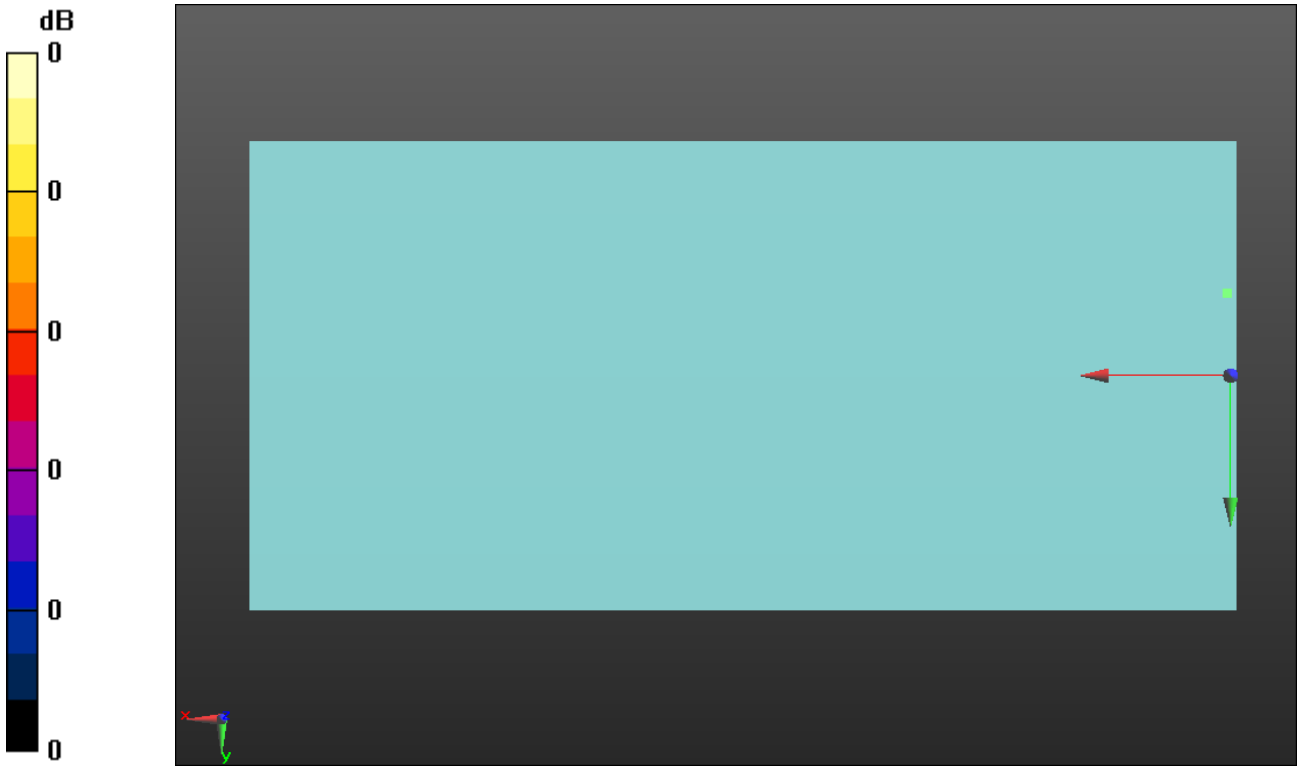
GSM

Communication System: UID 0, @EGPRS-FDD (TDMA, 8PSK, 2 slot) (0); Frequency: 1909.8 MHz; Duty Cycle: 1:4.00037
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/GSM 1900 8PSK 2 Slots ch 810 @ 40 kbps/y (transversal) 4.2mm Single Point/ABM SNR(x,y,z) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 1200ms
Measure Window Length: 1200ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 34.56 dB
ABM1 comp = -6.25 dBA/m
BWC Factor = 0.16 dB
Location: 0.6, -13.7, 3.7 mm
ABM2 = -40.81 dBA/m
Location: 0.6, -13.7, 3.7 mm



0 dB = 1.000 = 0.00 dB

WCDMA

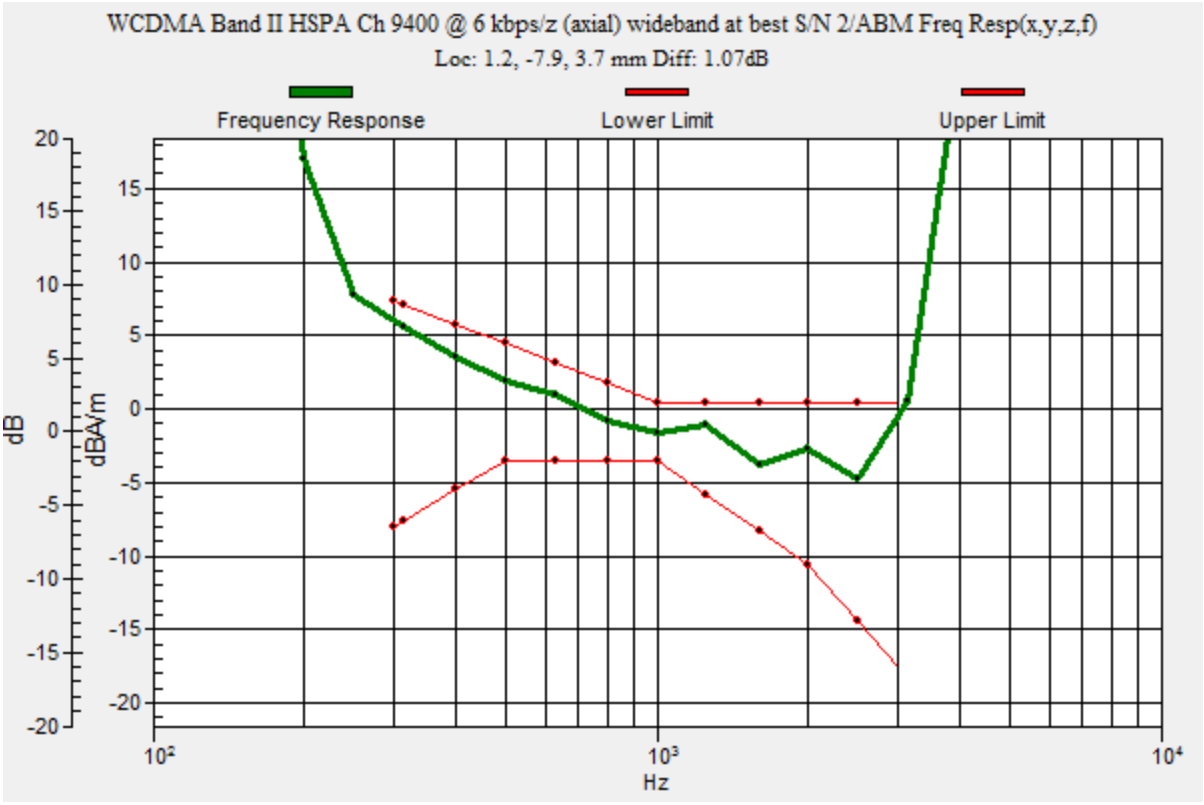
Communication System: UID 0, @UMTS-FDD (WCDMA) (0); Frequency: 1880 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band II HSPA Ch 9400 @ 6 kbps/z (axial) wideband at best S/N 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: 72.99
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 = 1.07 dB
BWC Factor = 10.80 dB
Location: 1.2, -7.9, 3.7 mm



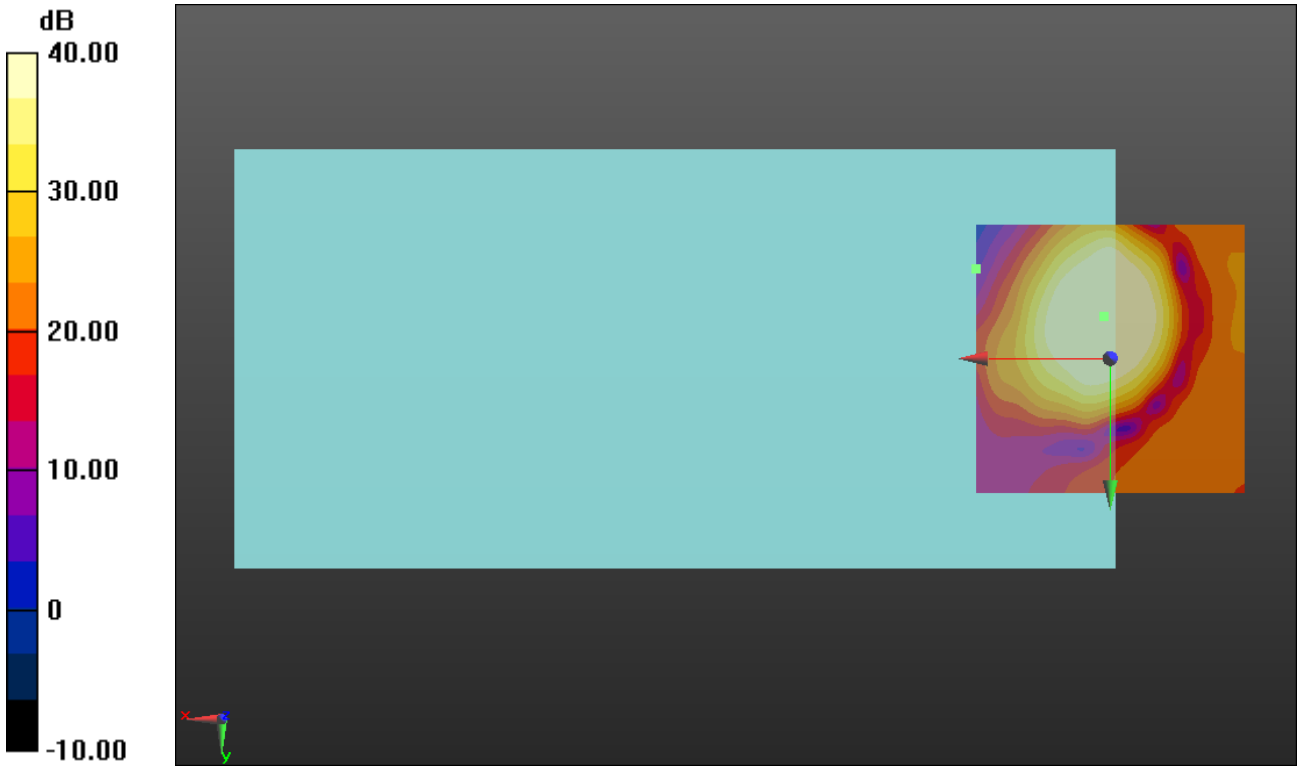
WCDMA

Communication System: UID 0, @UMTS-FDD (WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band II HSPA Ch 9400 @ 6 kbps/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 46.66 dB
ABM1 comp = 2.47 dBA/m
BWC Factor = 0.16 dB
Location: 1.3, -7.9, 3.7 mm
ABM2 = -19.64 dBA/m
Location: 25, -16.7, 3.7 mm



0 dB = 1.000 = 0.00 dB

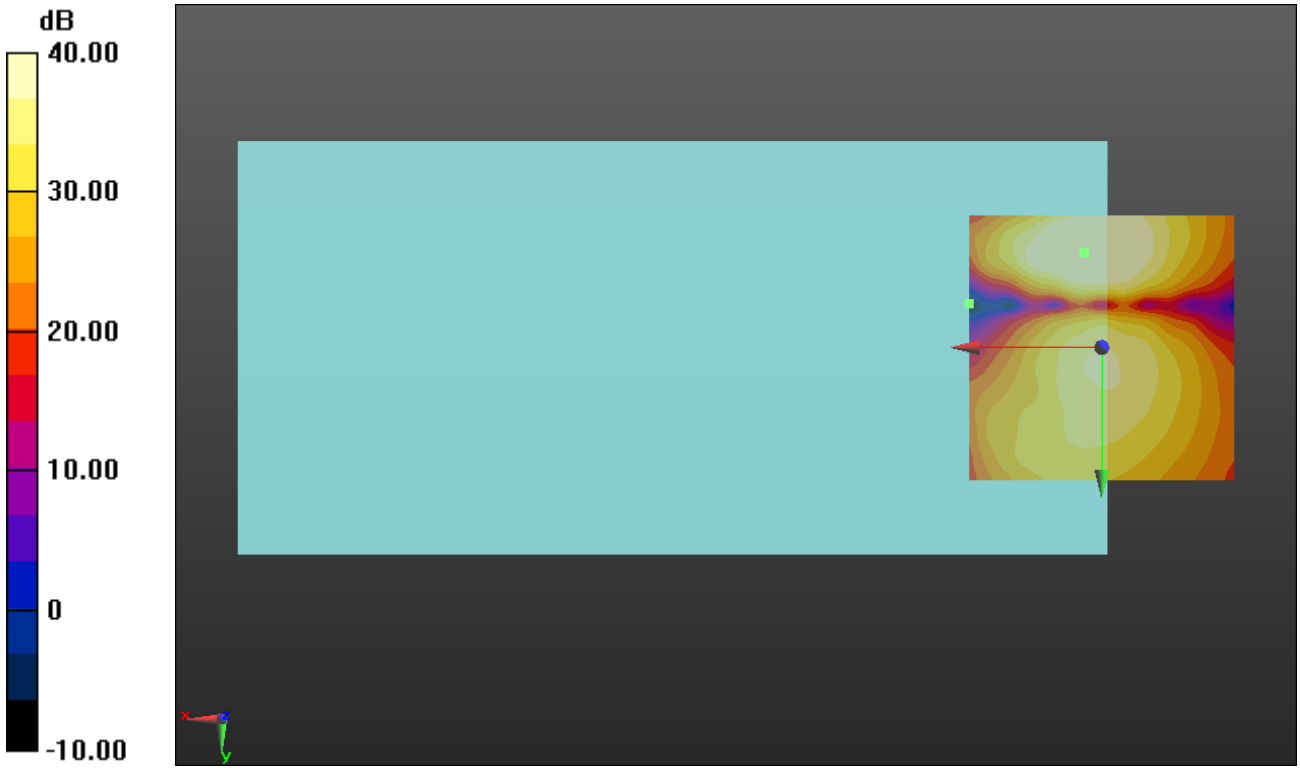
WCDMA

Communication System: UID 0, @UMTS-FDD (WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band II HSPA Ch 9400 @ 6 kbps/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 44.13 dB
ABM1 comp = -3.96 dBA/m
BWC Factor = 0.16 dB
Location: 3.3, -17.9, 3.7 mm
ABM2 = -23.37 dBA/m
Location: 25, -8.3, 3.7 mm



0 dB = 1.000 = 0.00 dB

WCDMA

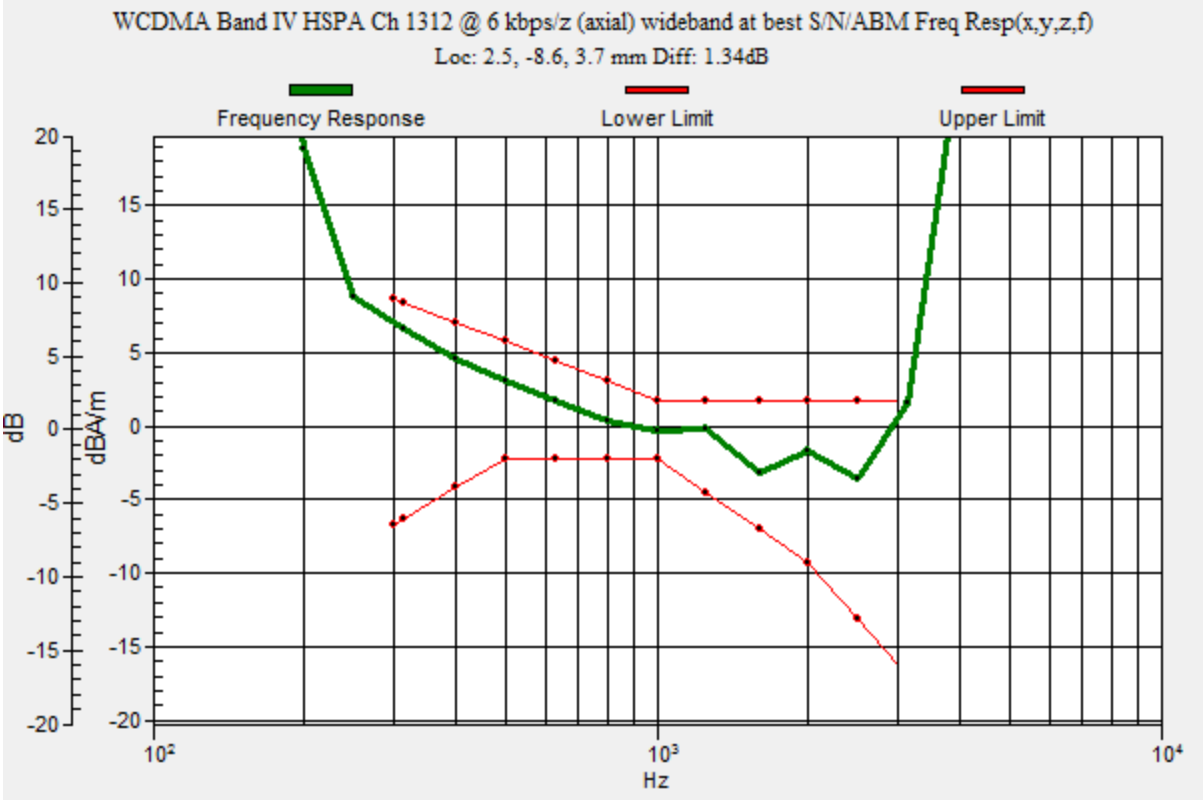
Communication System: UID 0, @UMTS-FDD (WCDMA) (0); Frequency: 1712.4 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band IV HSPA Ch 1312 @ 6 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid:

dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 72.99
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 1.34 dB
BWC Factor = 10.80 dB
Location: 2.5, -8.6, 3.7 mm



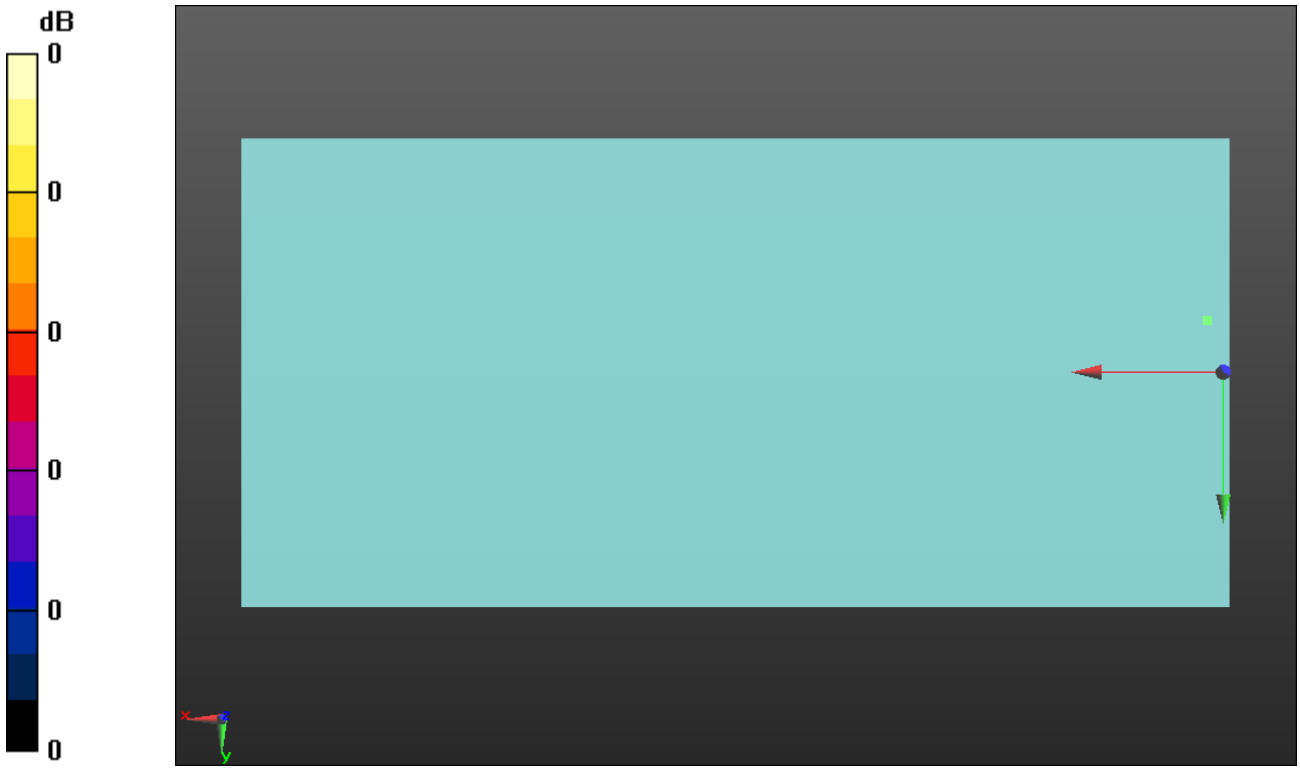
WCDMA

Communication System: UID 0, @UMTS-FDD (WCDMA) (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band IV HSPA Ch 1312 @ 6 kbps/z (axial) Single Point/ABM SNR(x,y,z) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 45.44 dB
ABM1 comp = 3.58 dBA/m
BWC Factor = 0.16 dB
Location: 2.5, -8.6, 3.7 mm
ABM2 = -41.86 dBA/m
Location: 2.5, -8.6, 3.7 mm



0 dB = 1.000 = 0.00 dB

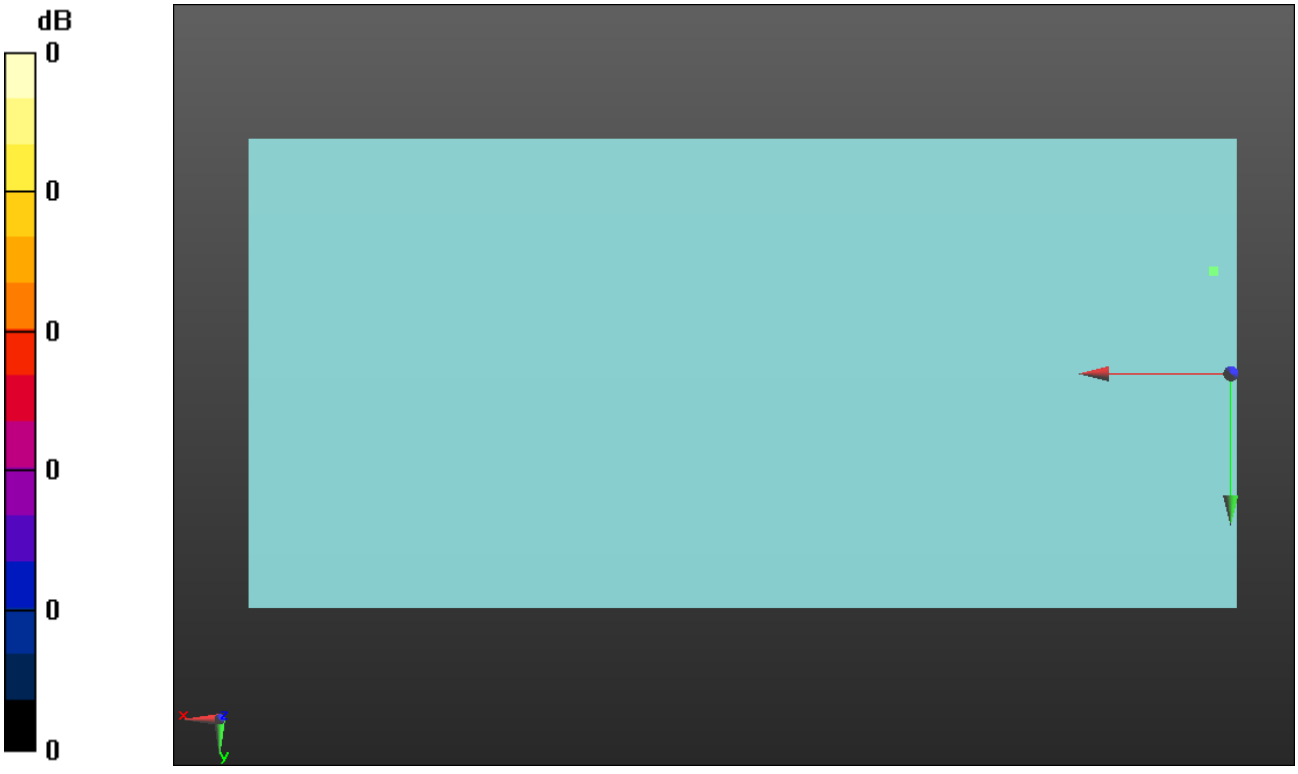
WCDMA

Communication System: UID 0, @UMTS-FDD (WCDMA) (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band IV HSPA Ch 1312 @ 6 kbps/y (transversal) Single Point/ABM SNR(x,y,z) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 42.62 dB
ABM1 comp = -3.94 dBA/m
BWC Factor = 0.16 dB
Location: 2.8, -17.1, 3.7 mm
ABM2 = -46.56 dBA/m
Location: 2.8, -17.1, 3.7 mm



0 dB = 1.000 = 0.00 dB

WCDMA

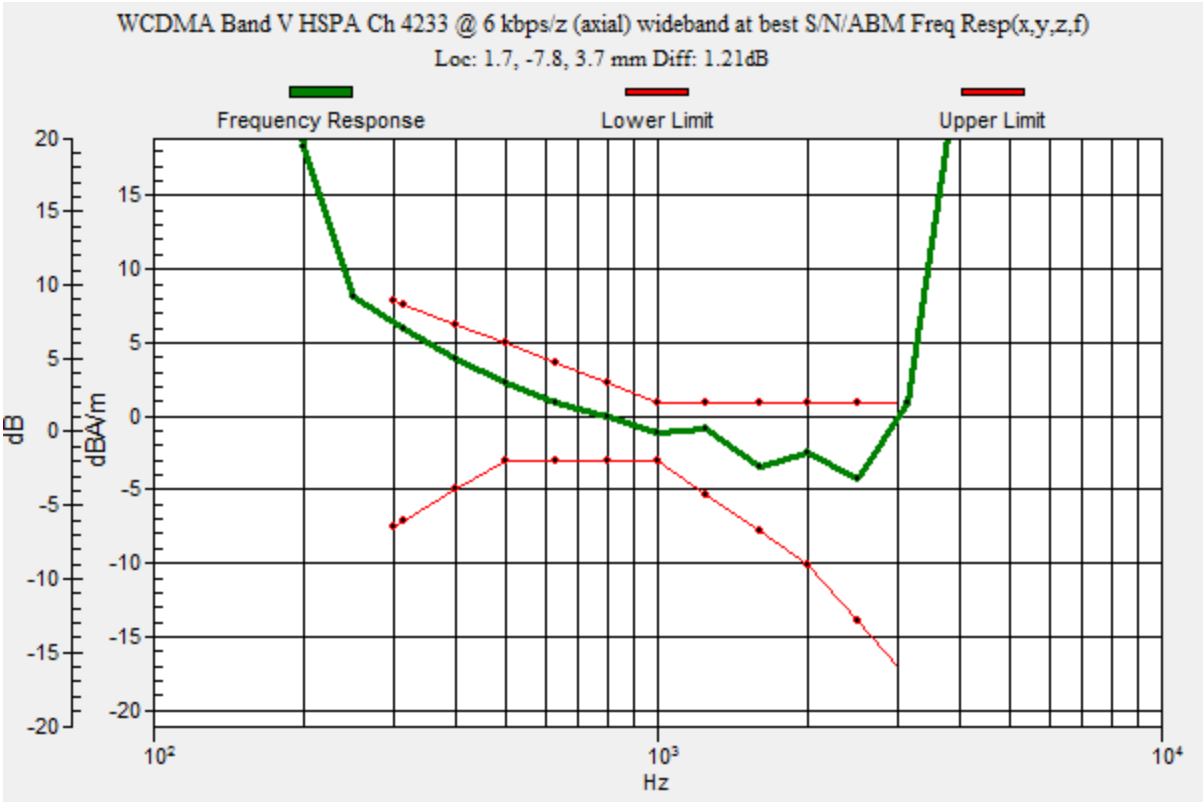
Communication System: UID 0, @UMTS-FDD (WCDMA) (0); Frequency: 846.6 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band V HSPA Ch 4233 @ 6 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 72.99
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 = 1.21 dB
BWC Factor = 10.80 dB
Location: 1.7, -7.8, 3.7 mm



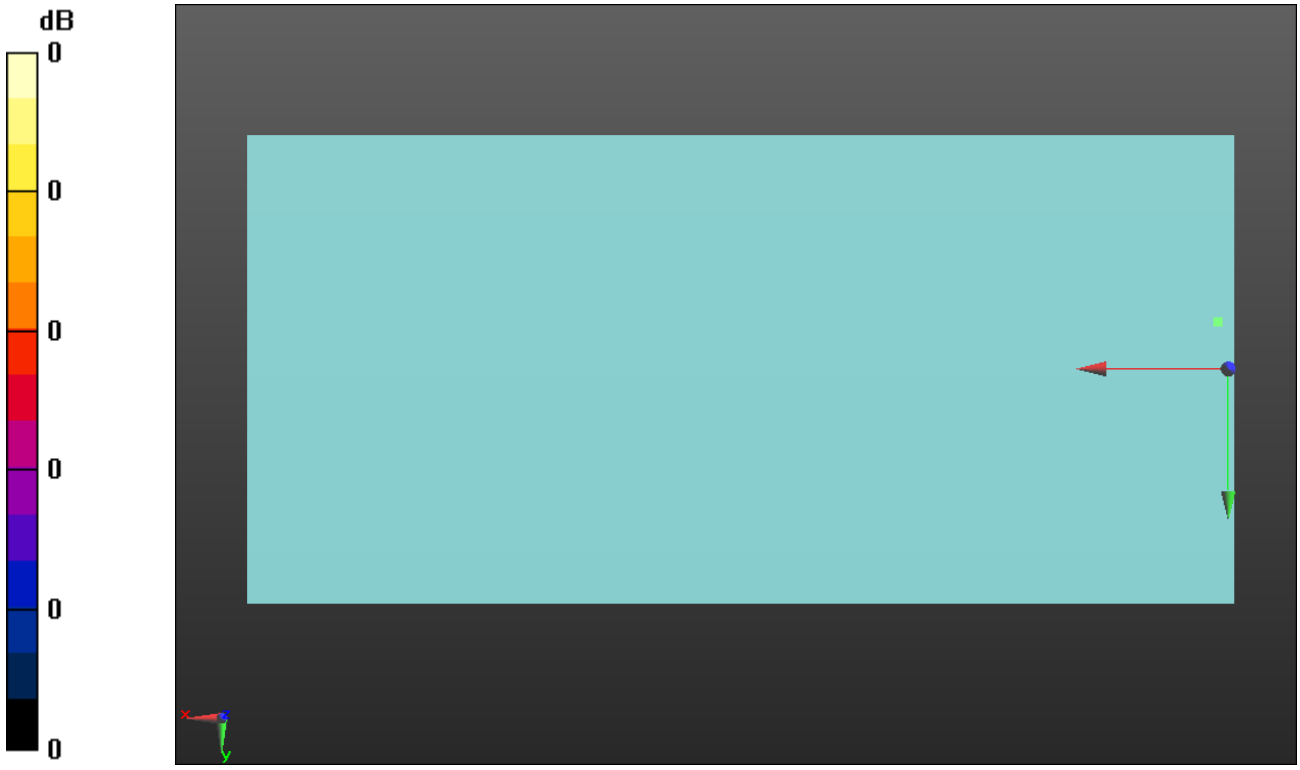
WCDMA

Communication System: UID 0, @UMTS-FDD (WCDMA) (0); Frequency: 846.6 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band V HSPA Ch 4233 @ 6 kbps/z (axial) Single Point/ABM SNR(x,y,z) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 44.56 dB
ABM1 comp = 2.98 dBA/m
BWC Factor = 0.16 dB
Location: 1.7, -7.8, 3.7 mm
ABM2 = -41.58 dBA/m
Location: 1.7, -7.8, 3.7 mm



0 dB = 1.000 = 0.00 dB

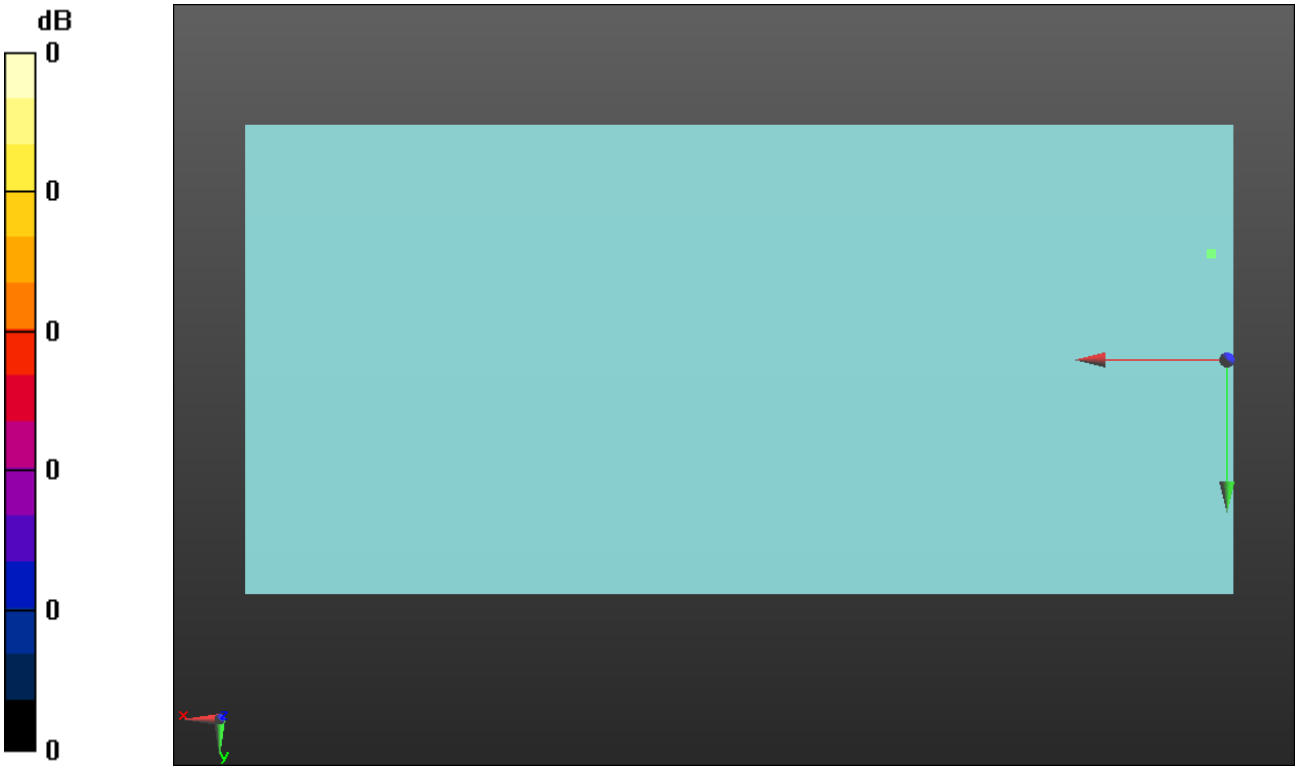
WCDMA

Communication System: UID 0, @UMTS-FDD (WCDMA) (0); Frequency: 846.6 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/WCDMA Band V HSPA Ch 4233 @ 6 kbps/y (transversal) Single Point/ABM SNR(x,y,z) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 42.35 dB
ABM1 comp = -3.97 dBA/m
BWC Factor = 0.16 dB
Location: 2.7, -17.7, 3.7 mm
ABM2 = -46.32 dBA/m
Location: 2.7, -17.7, 3.7 mm



0 dB = 1.000 = 0.00 dB

LTE FDD

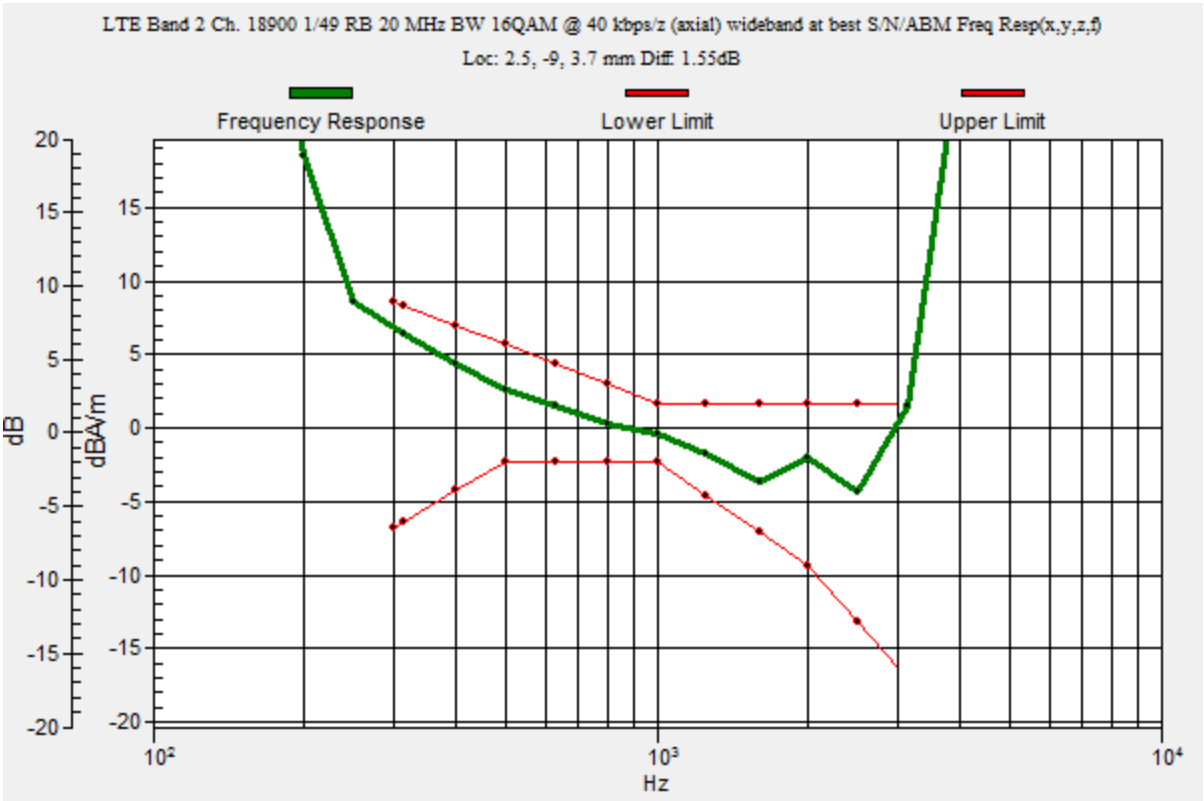
Communication System: UID 0, @LTE (FDD) (0); Frequency: 1880 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 2 Ch. 18900 1/49 RB 20 MHz BW 16QAM @ 40 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 72.99
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 1.55 dB
BWC Factor = 10.80 dB
Location: 2.5, -9, 3.7 mm



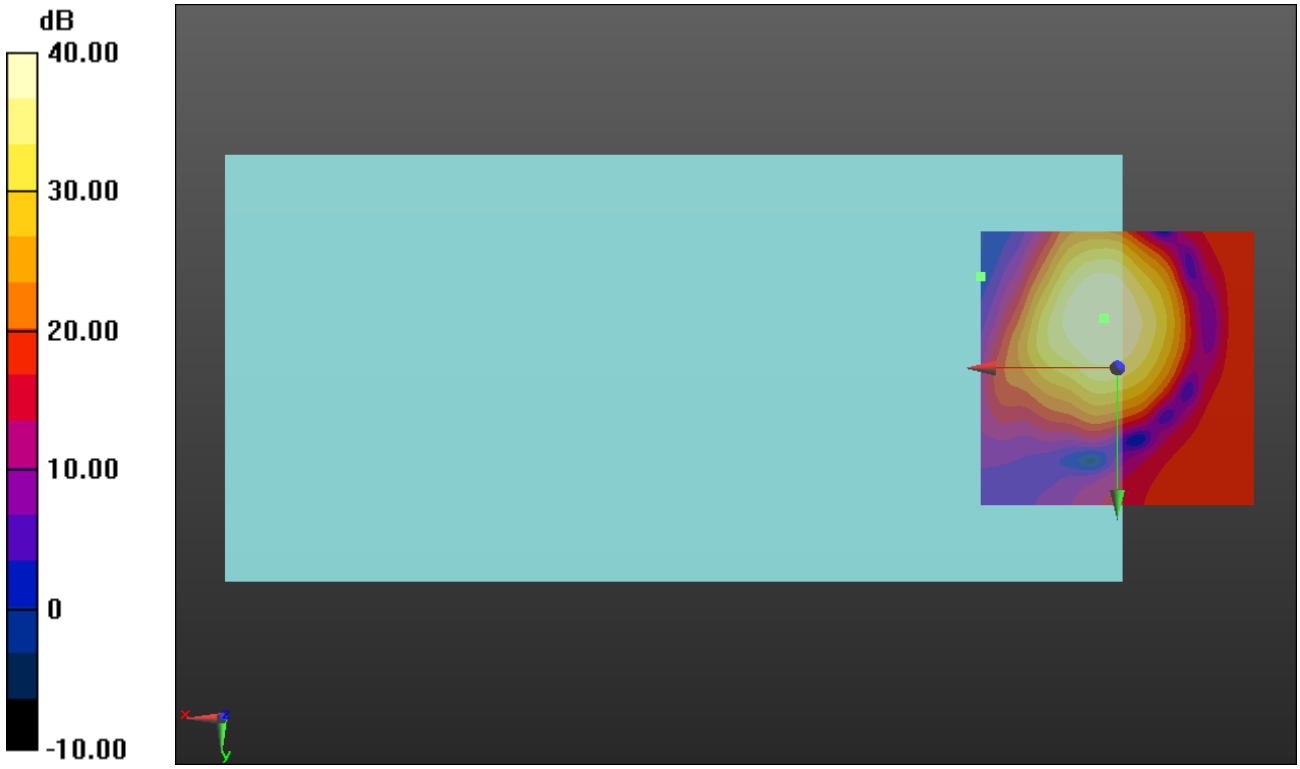
LTE FDD

Communication System: UID 0, @LTE (FDD) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 2 Ch. 18900 1/49 RB 20 MHz BW 16QAM @ 40 kbps/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 40.98 dB
ABM1 comp = 3.10 dBA/m
BWC Factor = 0.16 dB
Location: 2.5, -9.2, 3.7 mm
ABM2 = -15.42 dBA/m
Location: 25, -16.7, 3.7 mm



0 dB = 1.000 = 0.00 dB

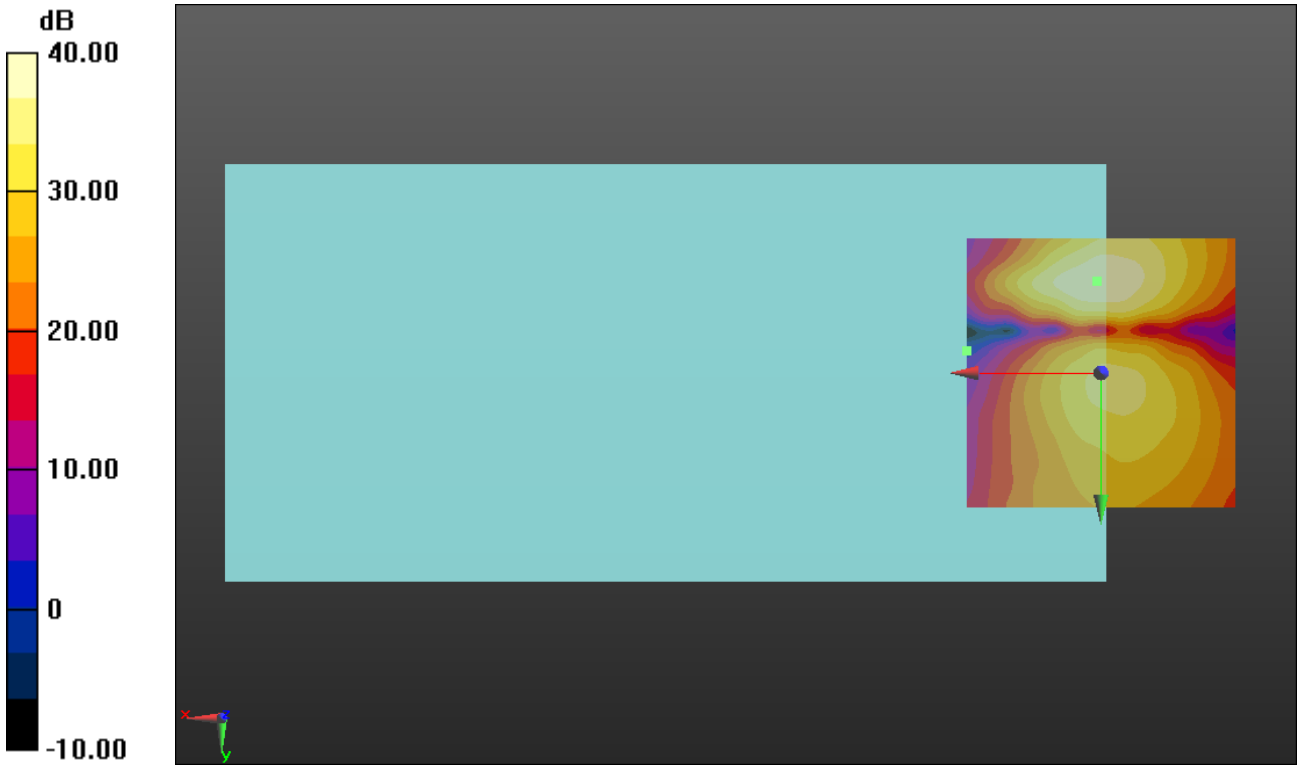
LTE FDD

Communication System: UID 0, @LTE (FDD) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 2 Ch. 18900 1/49 RB 20 MHz BW 16QAM @ 40 kbps/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 39.48 dB
ABM1 comp = -4.88 dBA/m
BWC Factor = 0.16 dB
Location: 0.8, -17.1, 3.7 mm
ABM2 = -21.78 dBA/m
Location: 25, -4.2, 3.7 mm



0 dB = 1.000 = 0.00 dB

LTE FDD

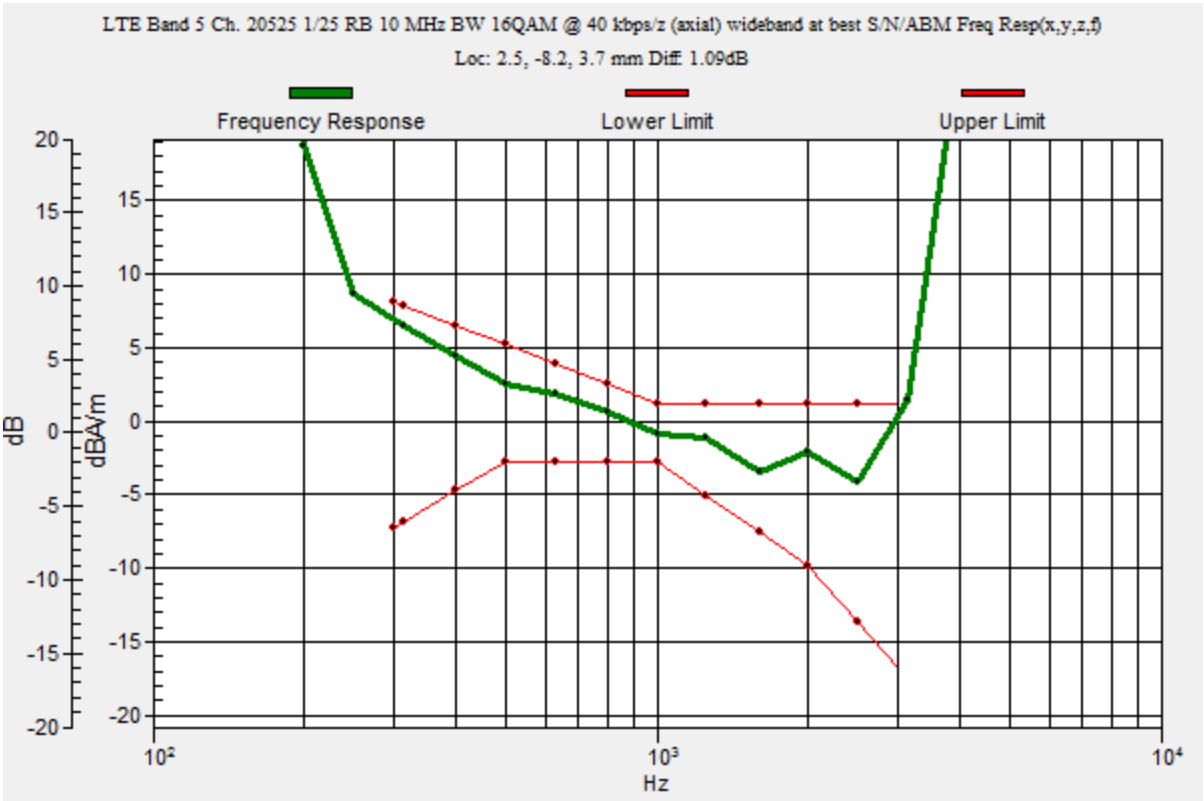
Communication System: UID 0, @LTE (FDD) (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 5 Ch. 20525 1/25 RB 10 MHz BW 16QAM @ 40 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 72.99
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 = 1.09 dB
BWC Factor = 10.80 dB
Location: 2.5, -8.2, 3.7 mm



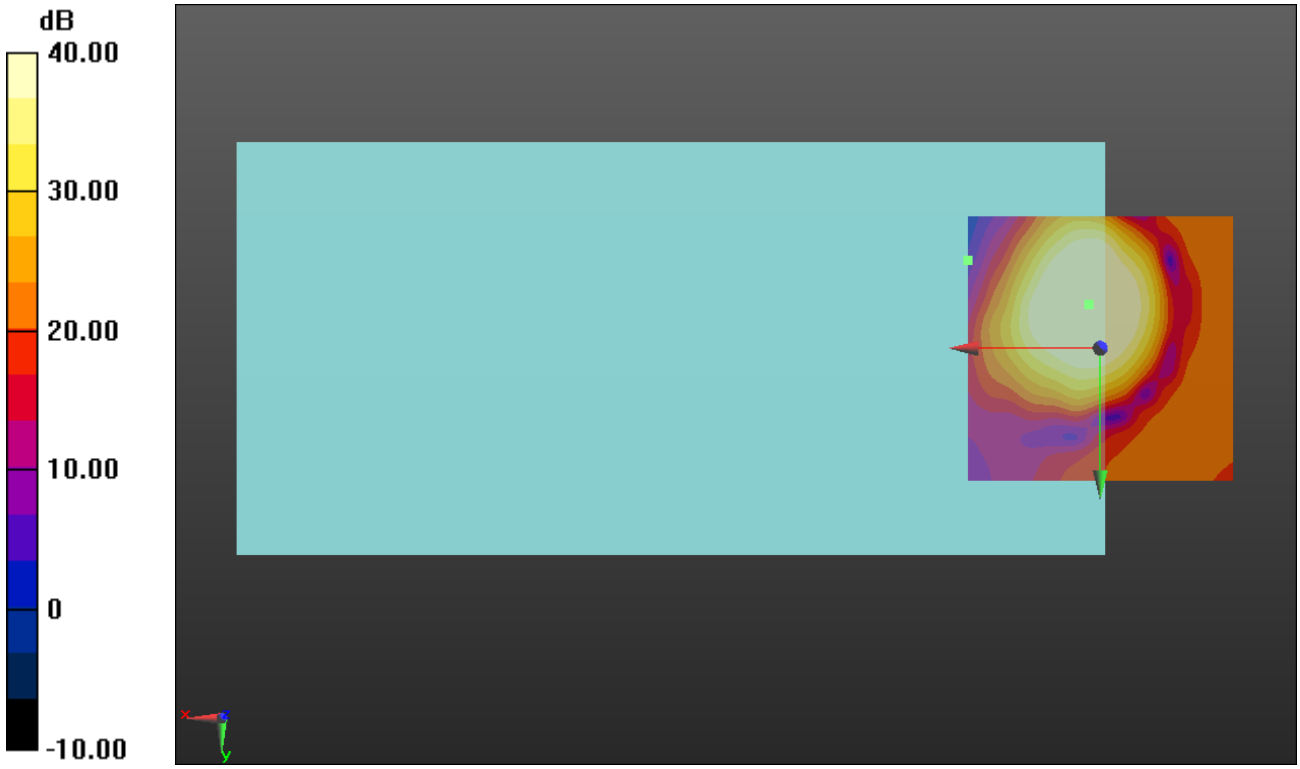
LTE FDD

Communication System: UID 0, @LTE (FDD) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 5 Ch. 20525 1/25 RB 10 MHz BW 16QAM @ 40 kbps/z (axial) 4.2mm 50 x 50 2/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 46.74 dB
ABM1 comp = 2.99 dBA/m
BWC Factor = 0.16 dB
Location: 2.1, -8.3, 3.7 mm
ABM2 = -19.53 dBA/m
Location: 25, -16.7, 3.7 mm



0 dB = 1.000 = 0.00 dB

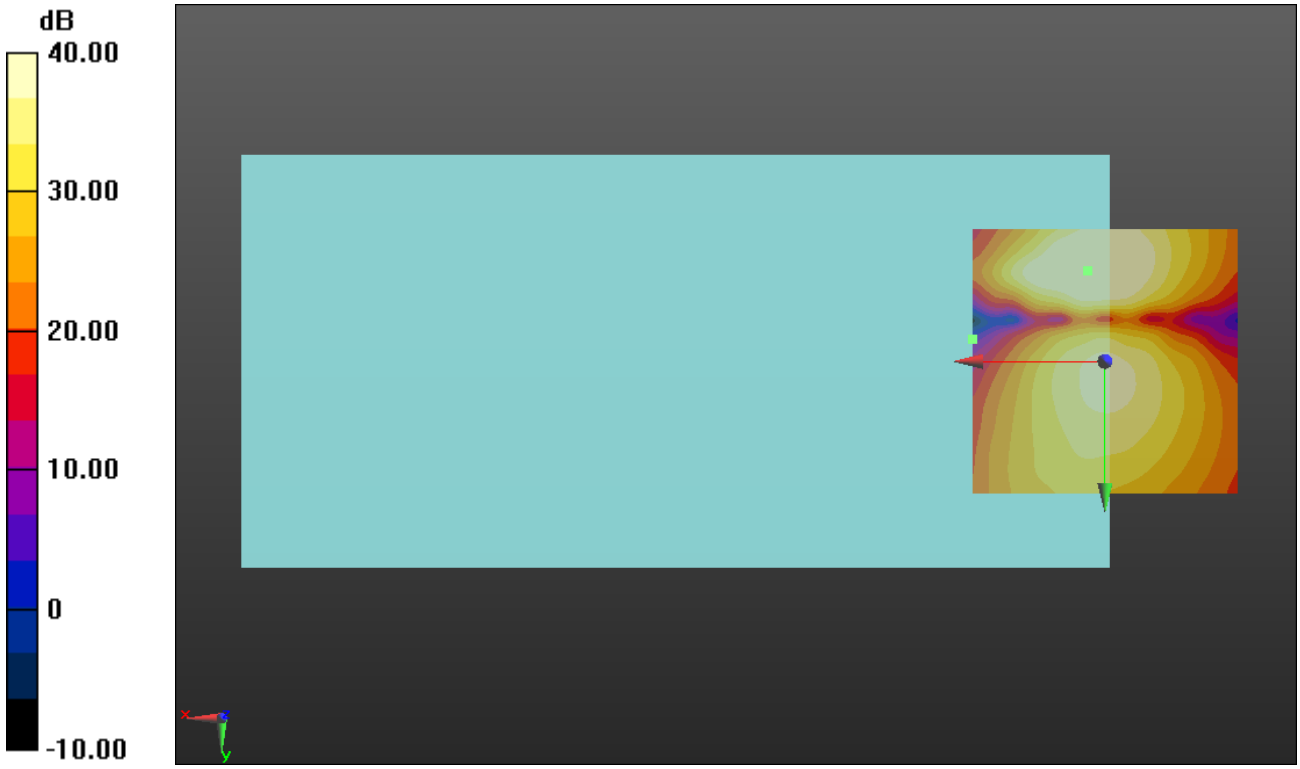
LTE FDD

Communication System: UID 0, @LTE (FDD) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 5 Ch. 20525 1/25 RB 10 MHz BW 16QAM @ 40 kbps/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 43.66 dB
ABM1 comp = -3.89 dBA/m
BWC Factor = 0.16 dB
Location: 3.3, -17.1, 3.7 mm
ABM2 = -24.78 dBA/m
Location: 25, -4.2, 3.7 mm



0 dB = 1.000 = 0.00 dB

LTE FDD

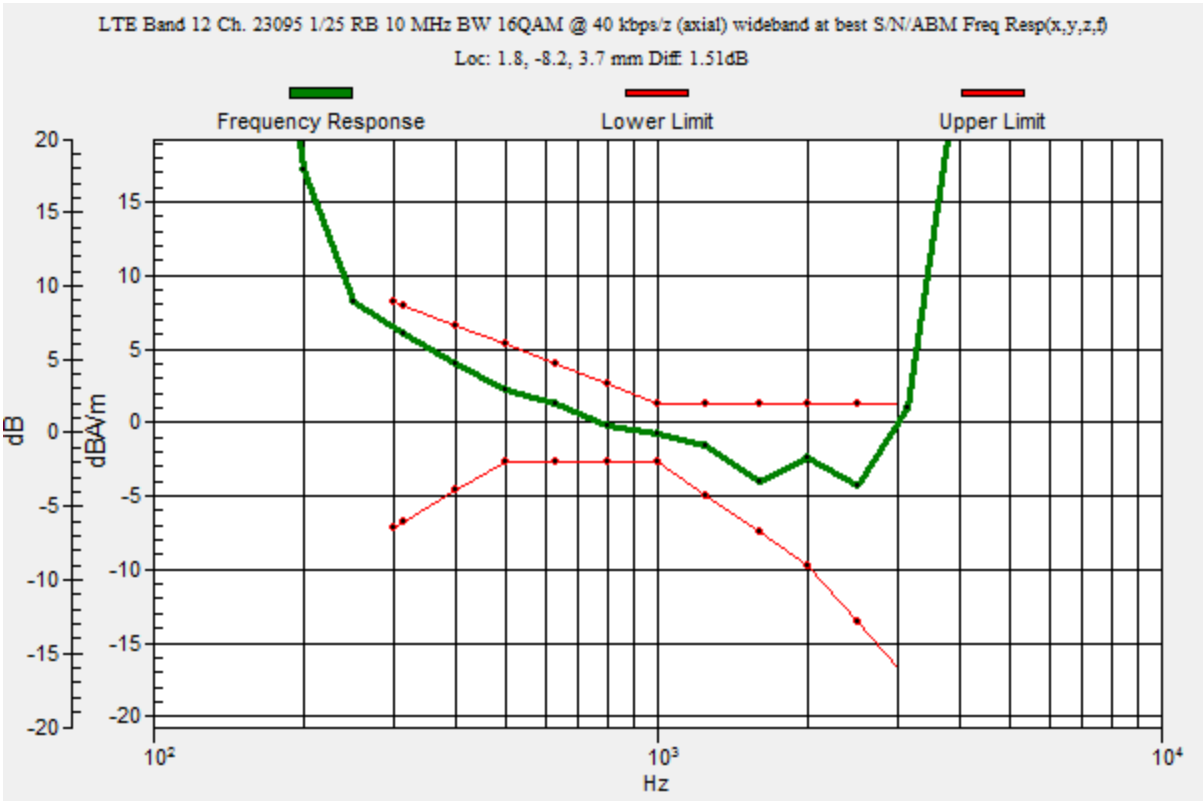
Communication System: UID 0, @LTE (FDD) (0); Frequency: 707.5 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 12 Ch. 23095 1/25 RB 10 MHz BW 16QAM @ 40 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 72.99
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 1.51 dB
BWC Factor = 10.80 dB
Location: 1.8, -8.2, 3.7 mm



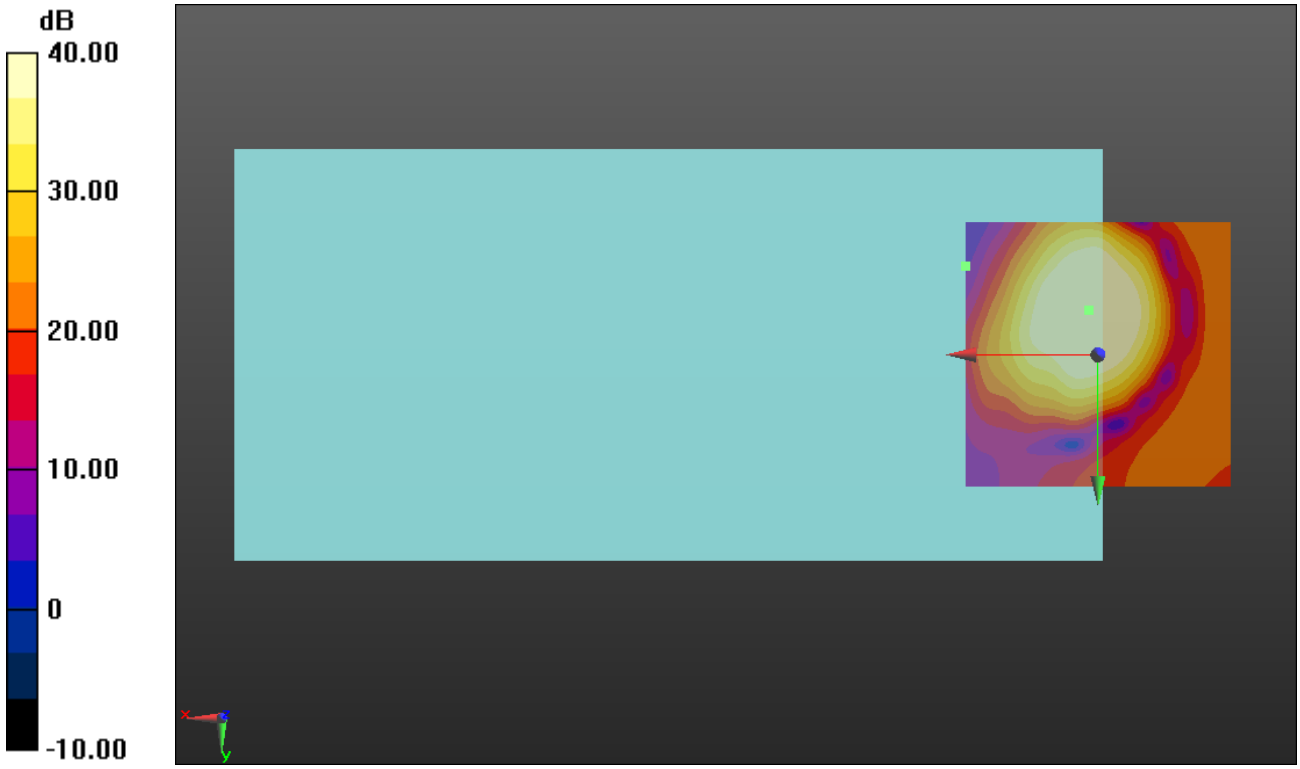
LTE FDD

Communication System: UID 0, @LTE (FDD) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 12 Ch. 23095 1/25 RB 10 MHz BW 16QAM @ 40 kbps/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 46.05 dB
ABM1 comp = 2.81 dBA/m
BWC Factor = 0.16 dB
Location: 1.7, -8.3, 3.7 mm
ABM2 = -20.38 dBA/m
Location: 25, -16.7, 3.7 mm



0 dB = 1.000 = 0.00 dB

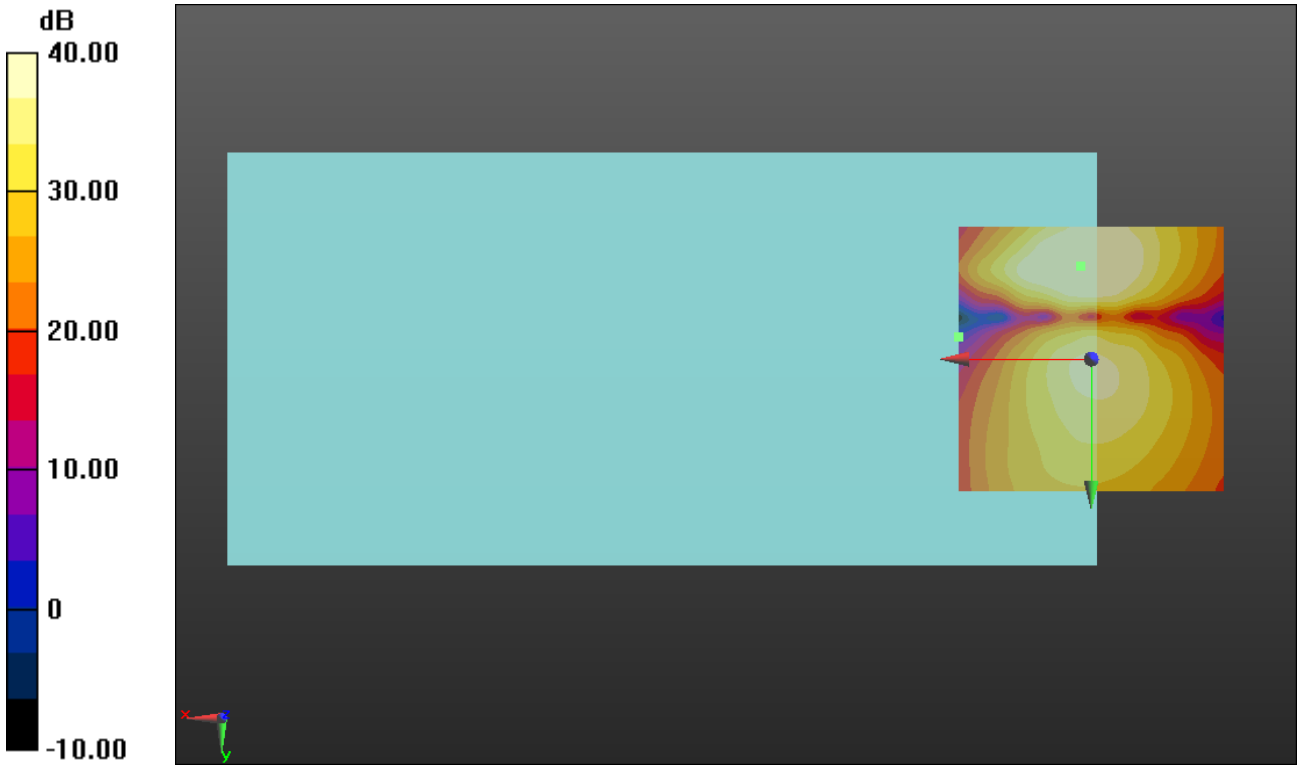
LTE FDD

Communication System: UID 0, @LTE (FDD) (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 12 Ch. 23095 1/25 RB 10 MHz BW 16QAM @ 40 kbps/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 43.25 dB
ABM1 comp = -4.43 dBA/m
BWC Factor = 0.16 dB
Location: 2.1, -17.5, 3.7 mm
ABM2 = -24.88 dBA/m
Location: 25, -4.2, 3.7 mm



0 dB = 1.000 = 0.00 dB

LTE FDD

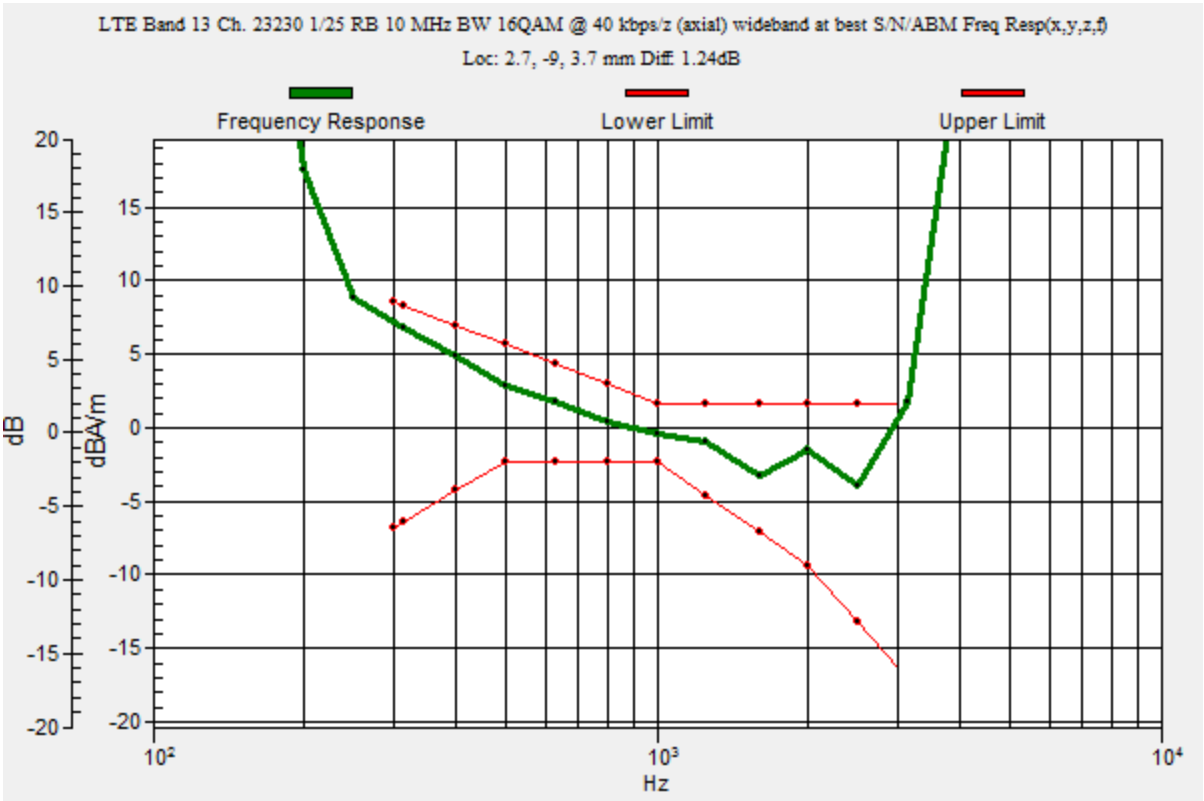
Communication System: UID 0, @LTE (FDD) (0); Frequency: 782 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 13 Ch. 23230 1/25 RB 10 MHz BW 16QAM @ 40 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 72.99
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 = 1.24 dB
BWC Factor = 10.80 dB
Location: 2.7, -9, 3.7 mm



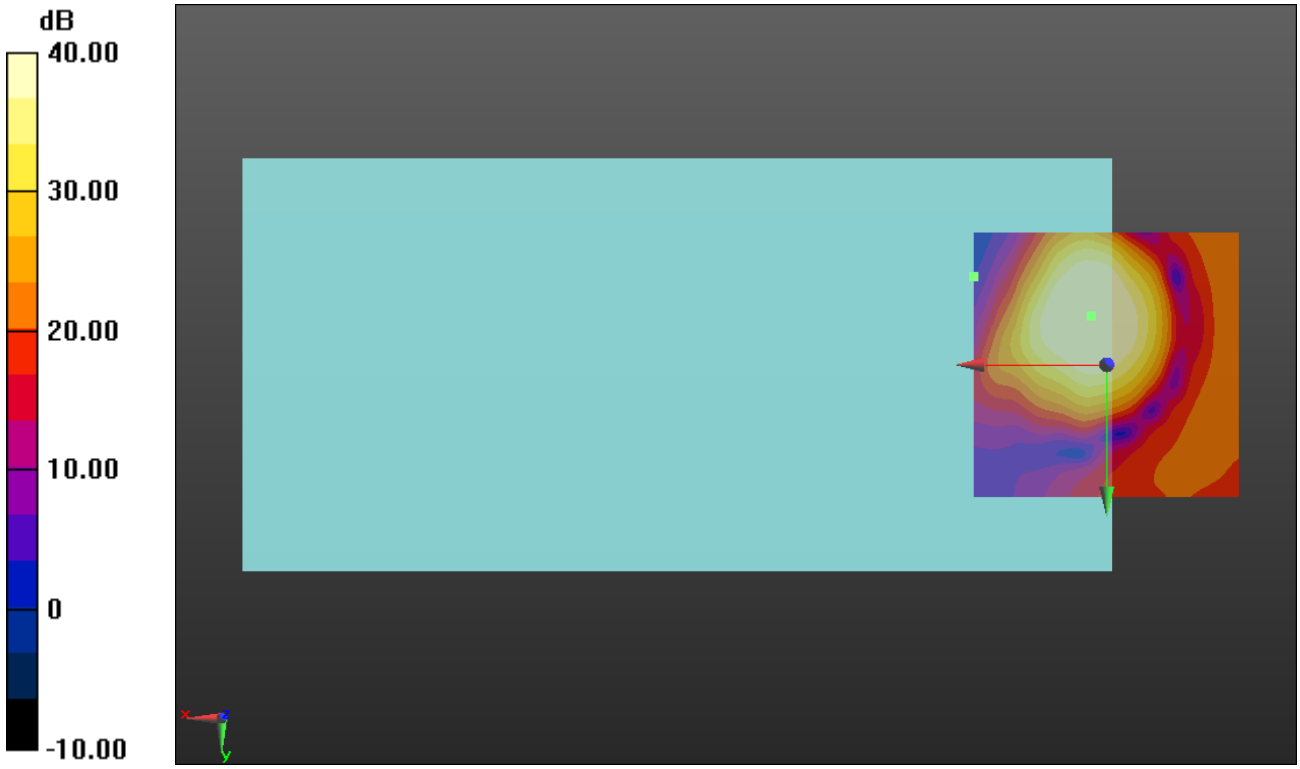
LTE FDD

Communication System: UID 0, @LTE (FDD) (0); Frequency: 782 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 13 Ch. 23230 1/25 RB 10 MHz BW 16QAM @ 40 kbps/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 43.86 dB
ABM1 comp = 3.36 dBA/m
BWC Factor = 0.16 dB
Location: 2.9, -9.2, 3.7 mm
ABM2 = -17.02 dBA/m
Location: 25, -16.7, 3.7 mm



0 dB = 1.000 = 0.00 dB

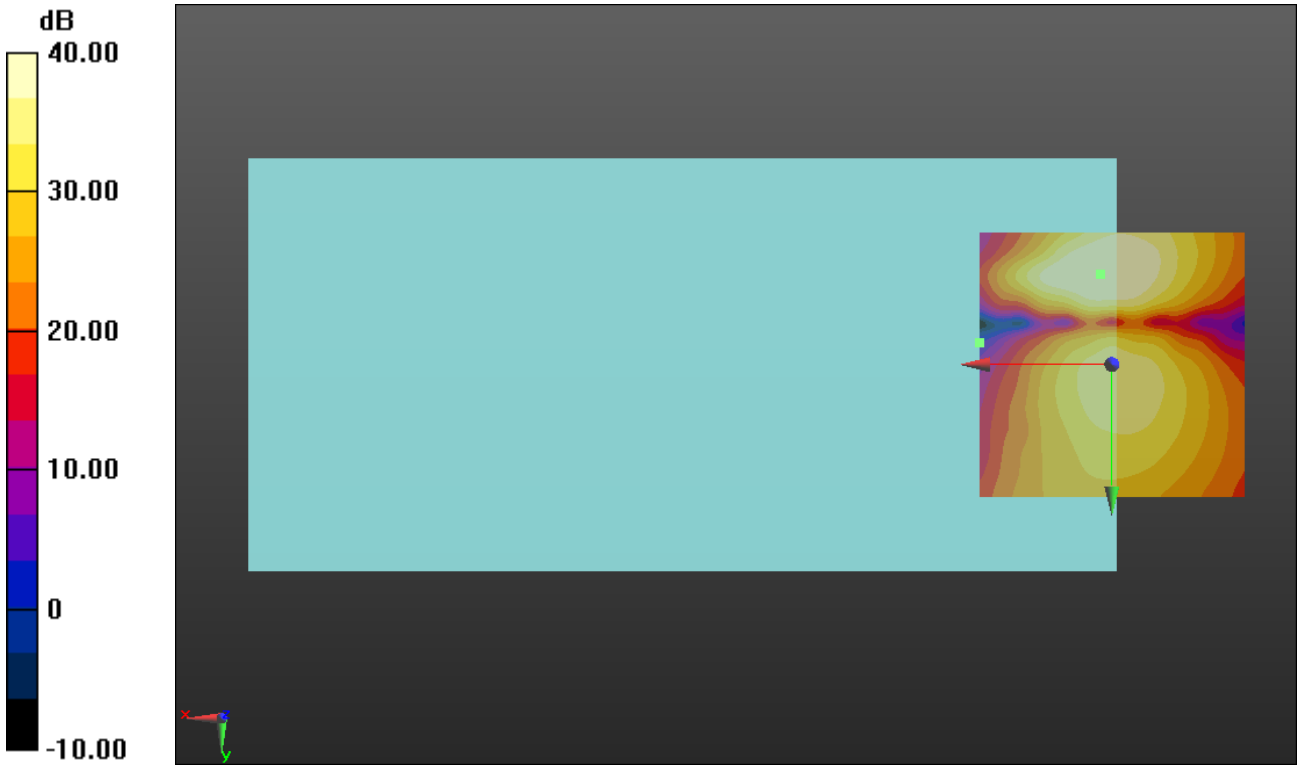
LTE FDD

Communication System: UID 0, @LTE (FDD) (0); Frequency: 782 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 13 Ch. 23230 1/25 RB 10 MHz BW 16QAM @ 40 kbps/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 42.15 dB
ABM1 comp = -4.26 dBA/m
BWC Factor = 0.16 dB
Location: 2.1, -17.1, 3.7 mm
ABM2 = -22.78 dBA/m
Location: 25, -4.2, 3.7 mm



0 dB = 1.000 = 0.00 dB

LTE TDD

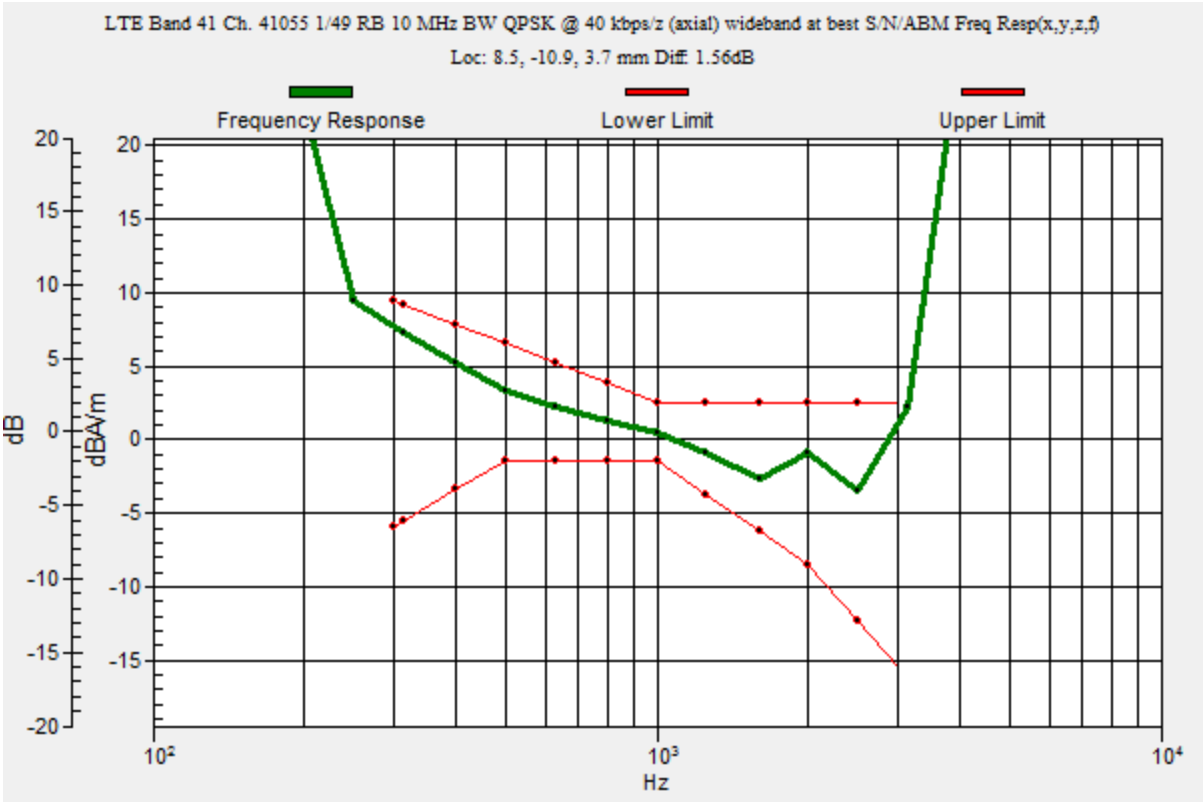
Communication System: UID 0, @LTE (TDD) (0); Frequency: 2636.5 MHz;Duty Cycle: 1:1.59956

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 41 Ch. 41055 1/49 RB 10 MHz BW QPSK @ 40 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 72.99
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 1.56 dB
BWC Factor = 10.80 dB
Location: 8.5, -10.9, 3.7 mm



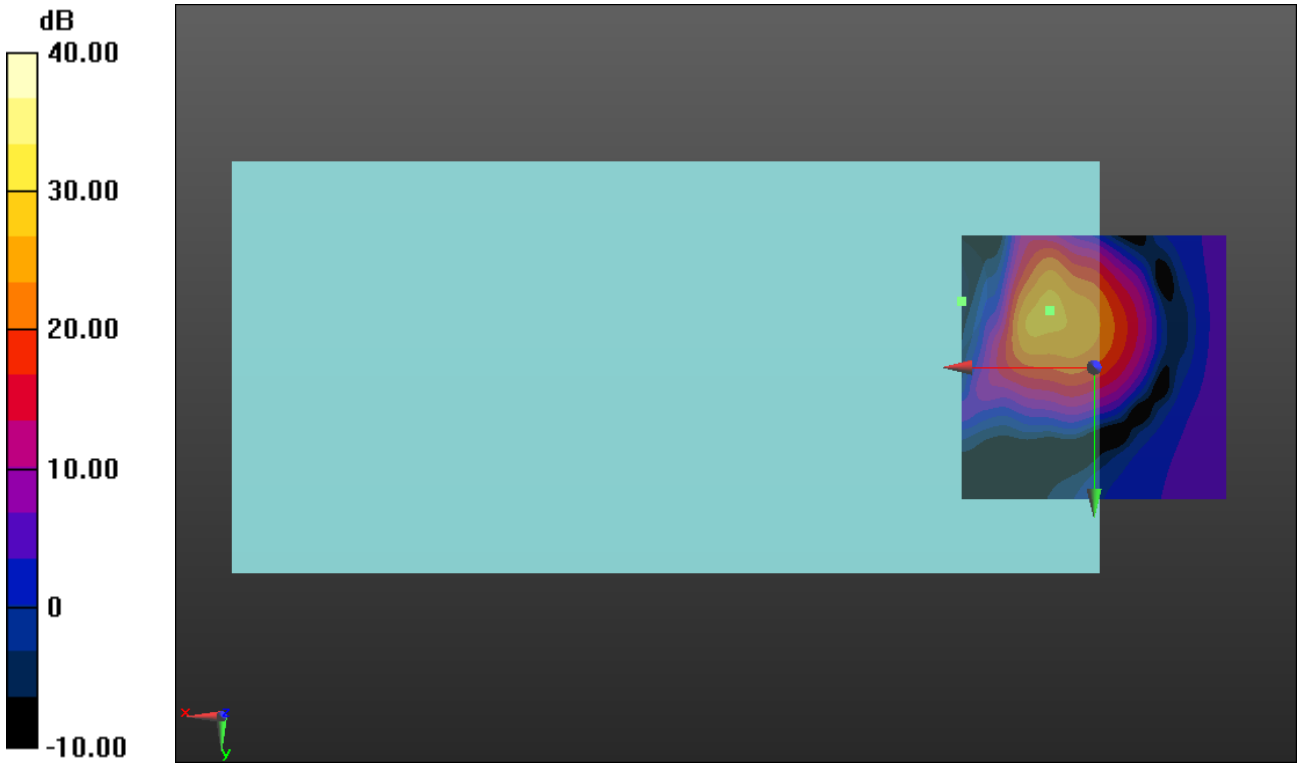
LTE TDD

Communication System: UID 0, @LTE (TDD) (0); Frequency: 2636.5 MHz; Duty Cycle: 1:1.59956
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 41 Ch. 41055 1/49 RB 10 MHz BW QPSK @ 40 kbps/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 27.92 dB
ABM1 comp = 4.15 dBA/m
BWC Factor = 0.16 dB
Location: 8.3, -10.8, 3.7 mm
ABM2 = -1.99 dBA/m
Location: 25, -12.5, 3.7 mm



0 dB = 1.000 = 0.00 dB

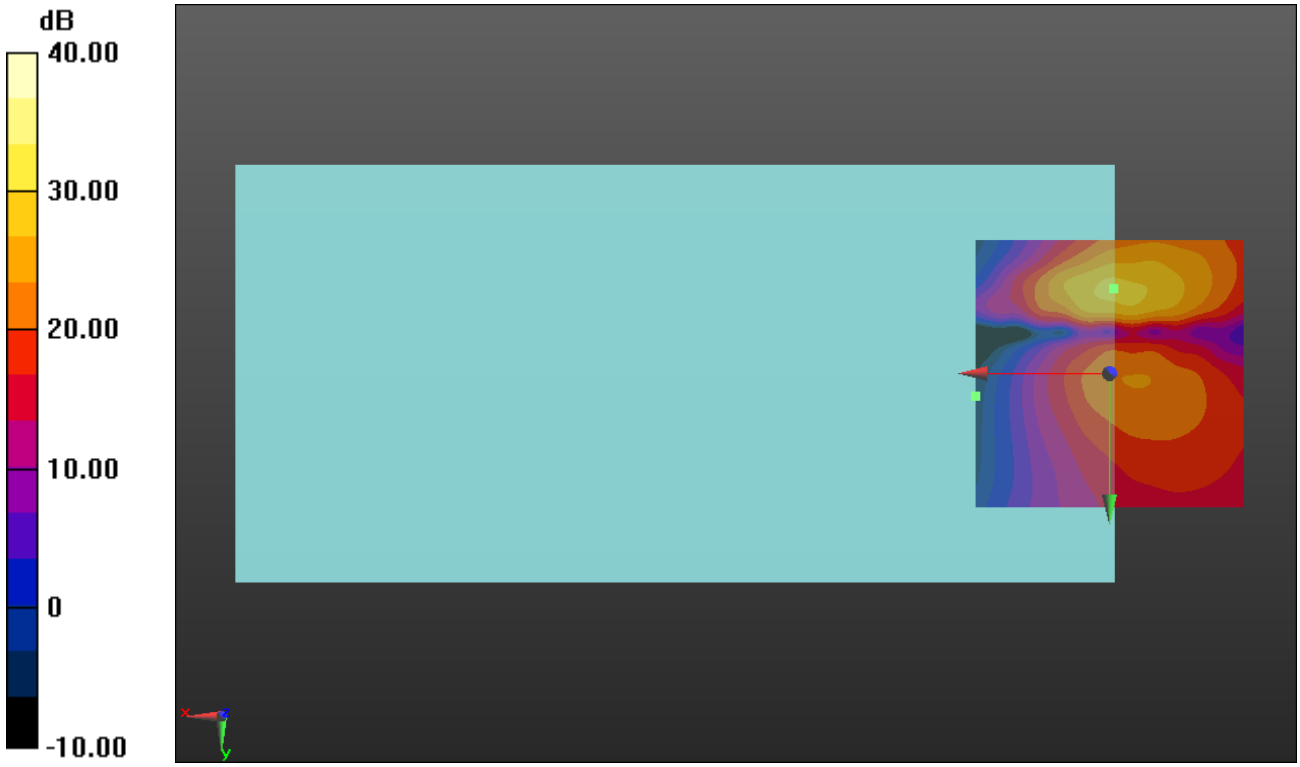
LTE TDD

Communication System: UID 0, @LTE (TDD) (0); Frequency: 2636.5 MHz; Duty Cycle: 1:1.59956
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 41 Ch. 41055 1/49 RB 10 MHz BW QPSK @ 40 kbps/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 30.89 dB
ABM1 comp = -6.08 dBA/m
BWC Factor = 0.16 dB
Location: -0.8, -15.8, 3.7 mm
ABM2 = -8.25 dBA/m
Location: 25, 4.2, 3.7 mm



0 dB = 1.000 = 0.00 dB

LTE FDD

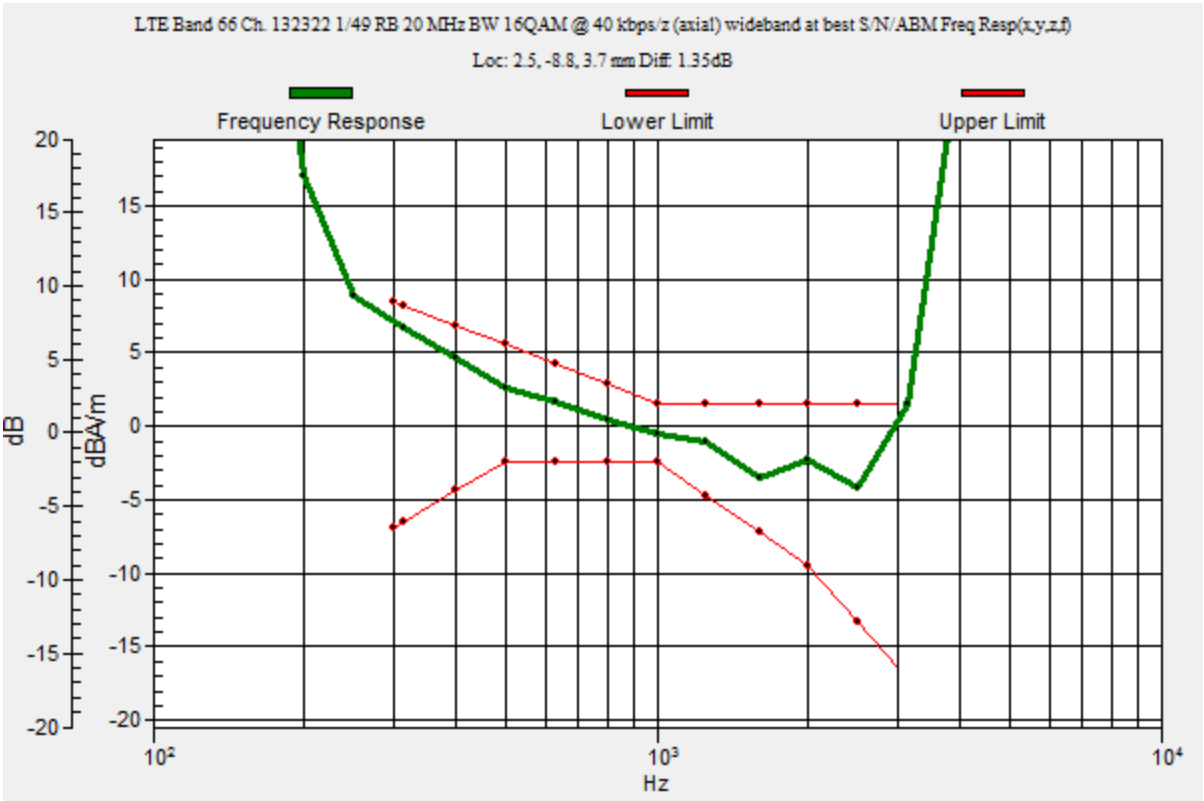
Communication System: UID 0, @LTE (FDD) (0); Frequency: 782 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 66 Ch. 132322 1/49 RB 20 MHz BW 16QAM @ 40 kbps/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1): Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 72.99
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 = 1.35 dB
BWC Factor = 10.80 dB
Location: 2.5, -8.8, 3.7 mm



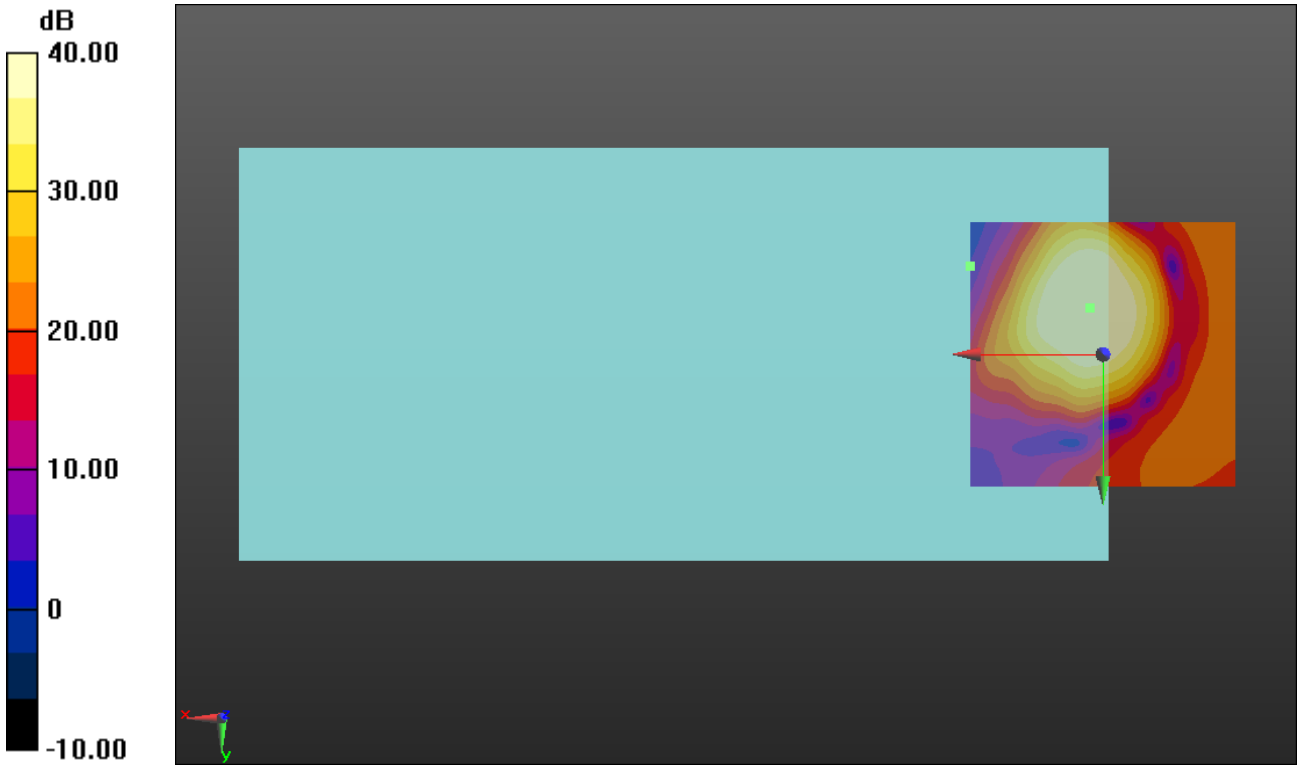
LTE FDD

Communication System: UID 0, @LTE (FDD) (0); Frequency: 782 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 66 Ch. 132322 1/49 RB 20 MHz BW 16QAM @ 40 kbps/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 44.54 dB
ABM1 comp = 3.23 dBA/m
BWC Factor = 0.16 dB
Location: 2.5, -8.8, 3.7 mm
ABM2 = -17.48 dBA/m
Location: 25, -16.7, 3.7 mm



0 dB = 1.000 = 0.00 dB

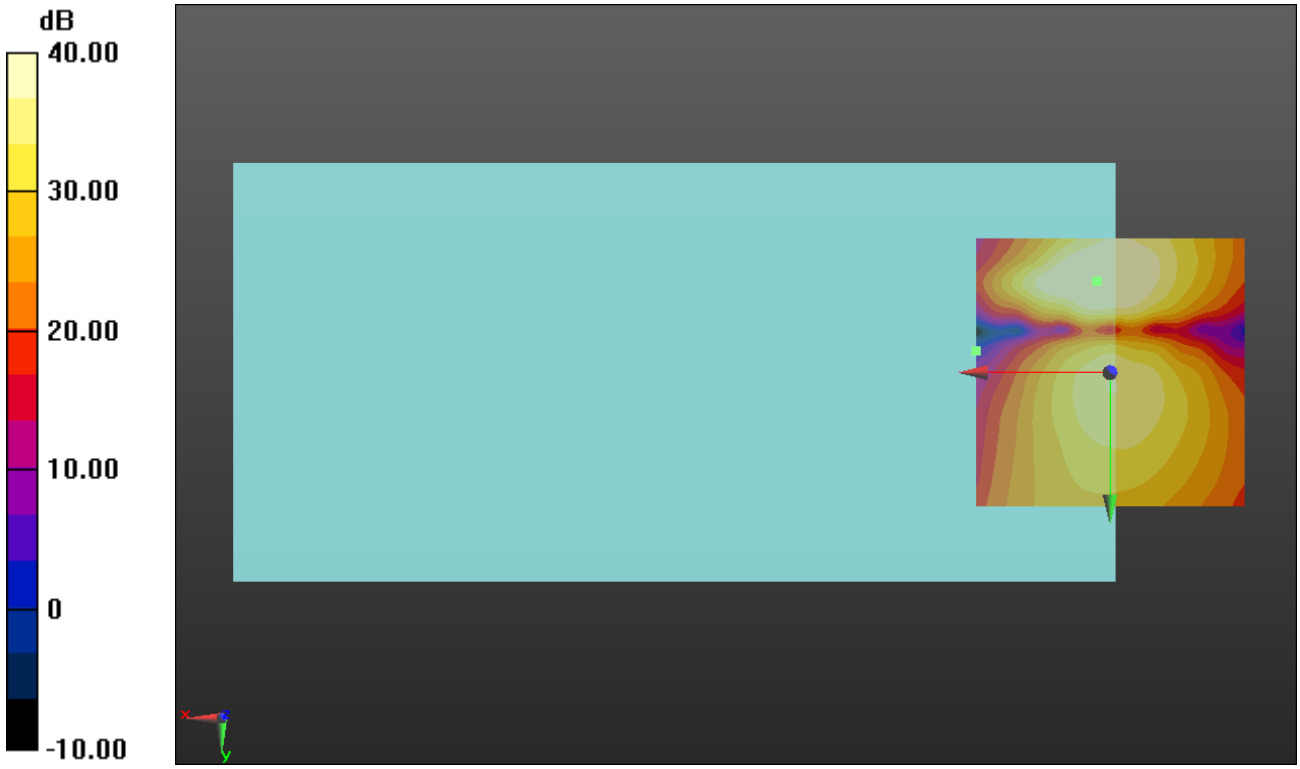
LTE FDD

Communication System: UID 0, @LTE (FDD) (0); Frequency: 782 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/LTE Band 66 Ch. 132322 1/49 RB 20 MHz BW 16QAM @ 40 kbps/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 42.63 dB
ABM1 comp = -4.10 dBA/m
BWC Factor = 0.16 dB
Location: 2.5, -17.1, 3.7 mm
ABM2 = -22.84 dBA/m
Location: 25, -4.2, 3.7 mm



0 dB = 1.000 = 0.00 dB

802.11g

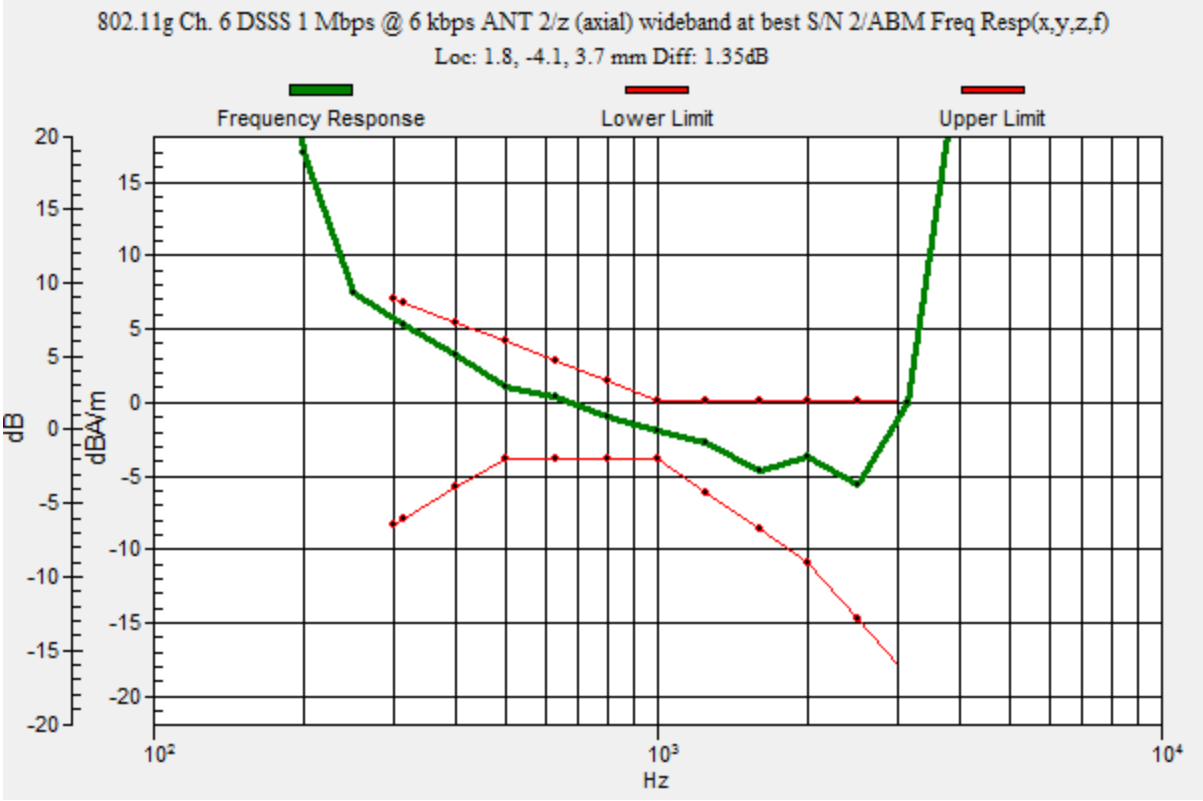
Communication System: UID 0, @IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11g Ch. 6 DSSS 1 Mbps @ 6 kbps ANT 2/z (axial) wideband at best S/N 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: 72.99
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 = 1.35 dB
BWC Factor = 10.80 dB
Location: 1.8, -4.1, 3.7 mm



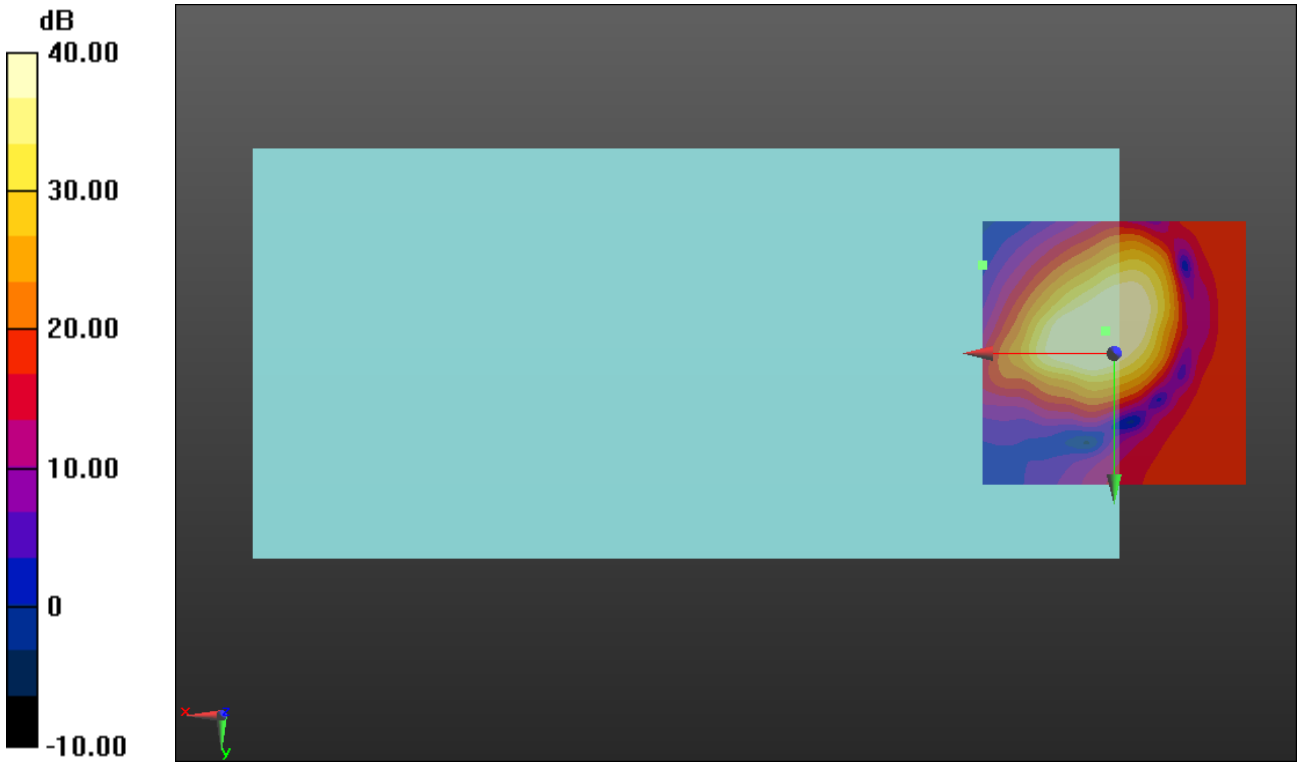
802.11g

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 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11g Ch. 6 DSSS 1 Mbps @ 6 kbps ANT 2/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 46.14 dB
ABM1 comp = 1.82 dBA/m
BWC Factor = 0.16 dB
Location: 1.7, -4.2, 3.7 mm
ABM2 = -15.50 dBA/m
Location: 25, -16.7, 3.7 mm



0 dB = 1.000 = 0.00 dB

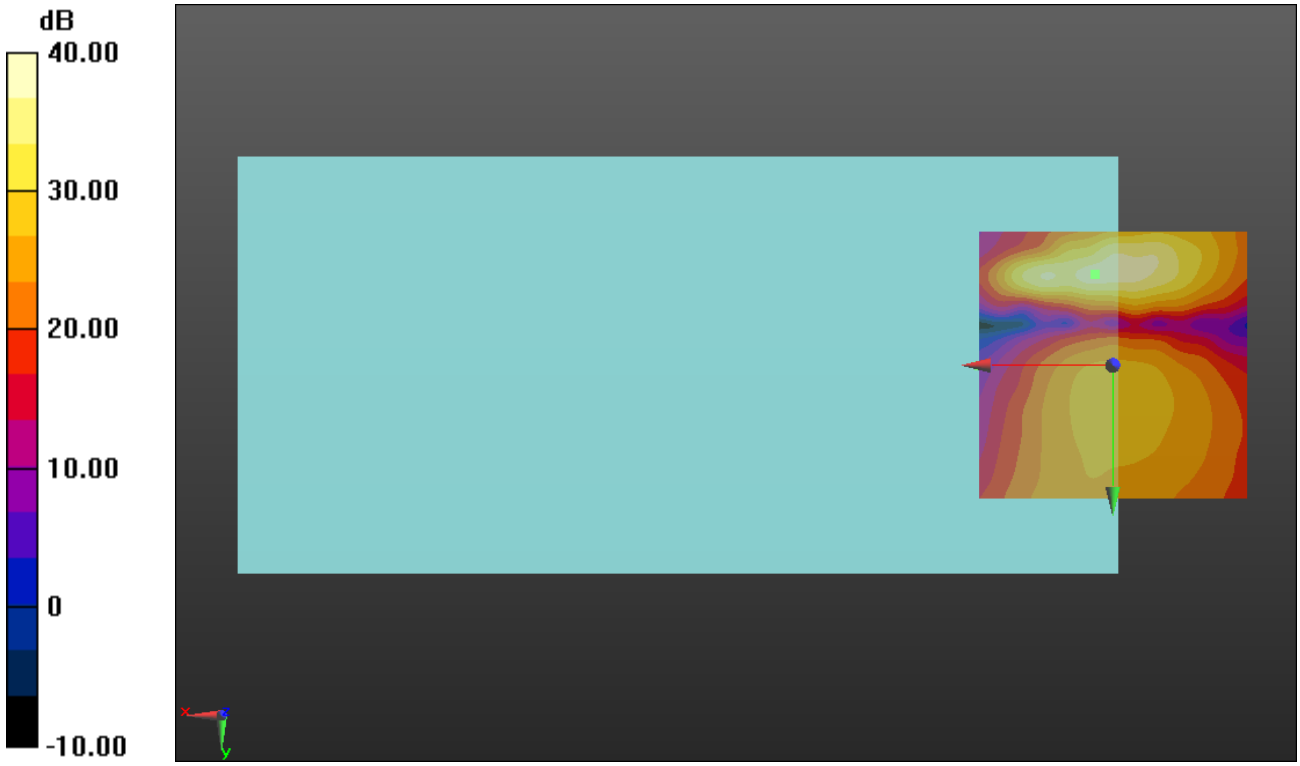
802.11g

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 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11g Ch. 6 DSSS 1 Mbps @ 6 kbps ANT 2/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 38.50 dB
ABM1 comp = -3.64 dBA/m
BWC Factor = 0.16 dB
Location: 3.3, -17.1, 3.7 mm
ABM2 = -21.23 dBA/m
Location: 25, 0, 3.7 mm



0 dB = 1.000 = 0.00 dB

802.11n HT40

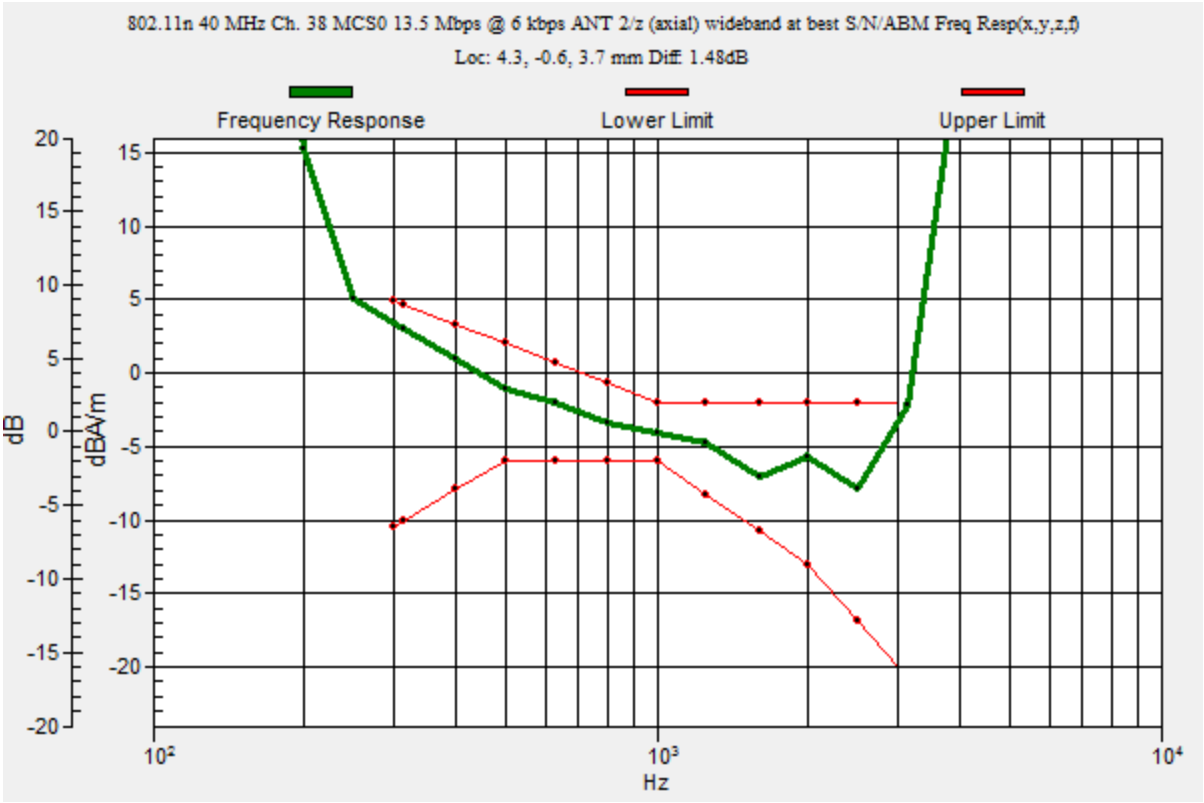
Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5190 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11n 40 MHz Ch. 38 MCS0 13.5 Mbps @ 6 kbps ANT 2/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 72.99
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 1.48 dB
BWC Factor = 10.80 dB
Location: 4.3, -0.6, 3.7 mm



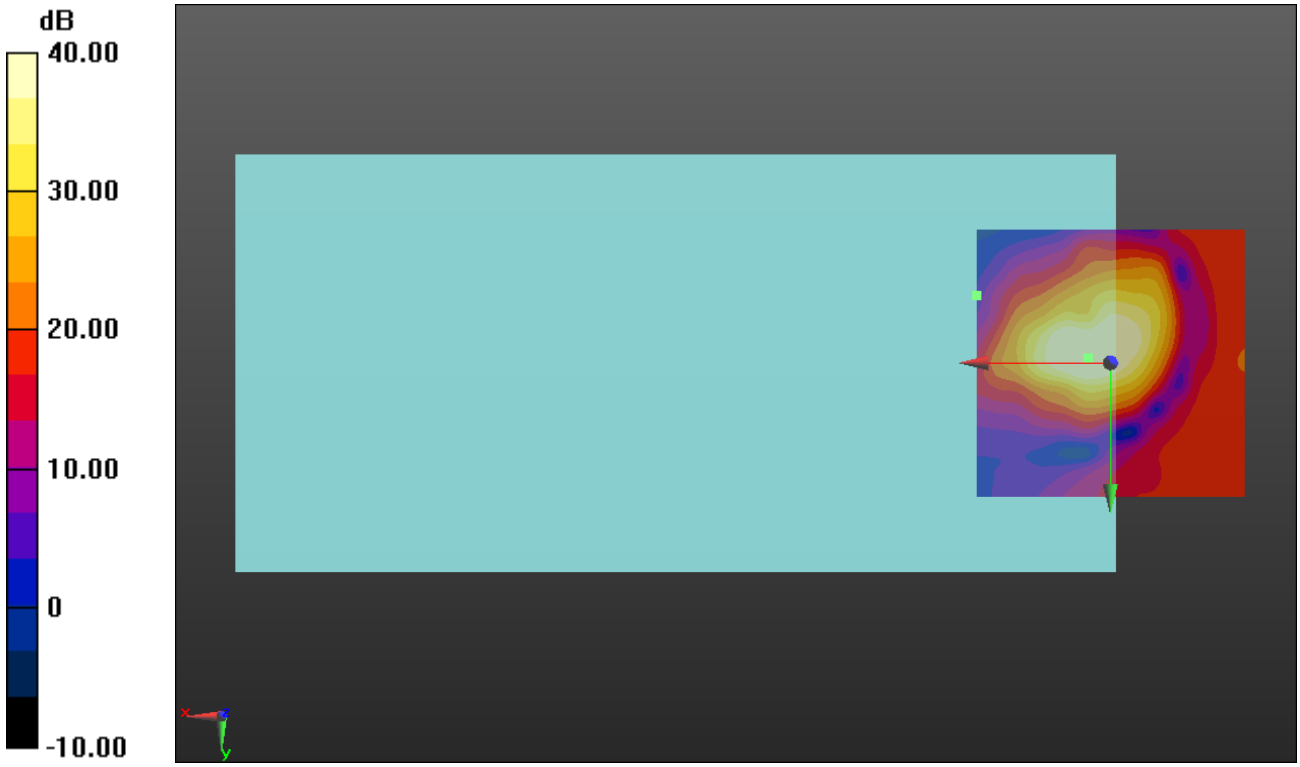
802.11n HT40

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5190 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11n 40 MHz Ch. 38 MCS0 13.5 Mbps @ 6 kbps ANT 2/z (axial) 4.2mm 50 x 50 2/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 42.50 dB
ABM1 comp = 0.23 dBA/m
BWC Factor = 0.16 dB
Location: 4.2, -0.8, 3.7 mm
ABM2 = -15.83 dBA/m
Location: 25, -12.5, 3.7 mm



0 dB = 1.000 = 0.00 dB

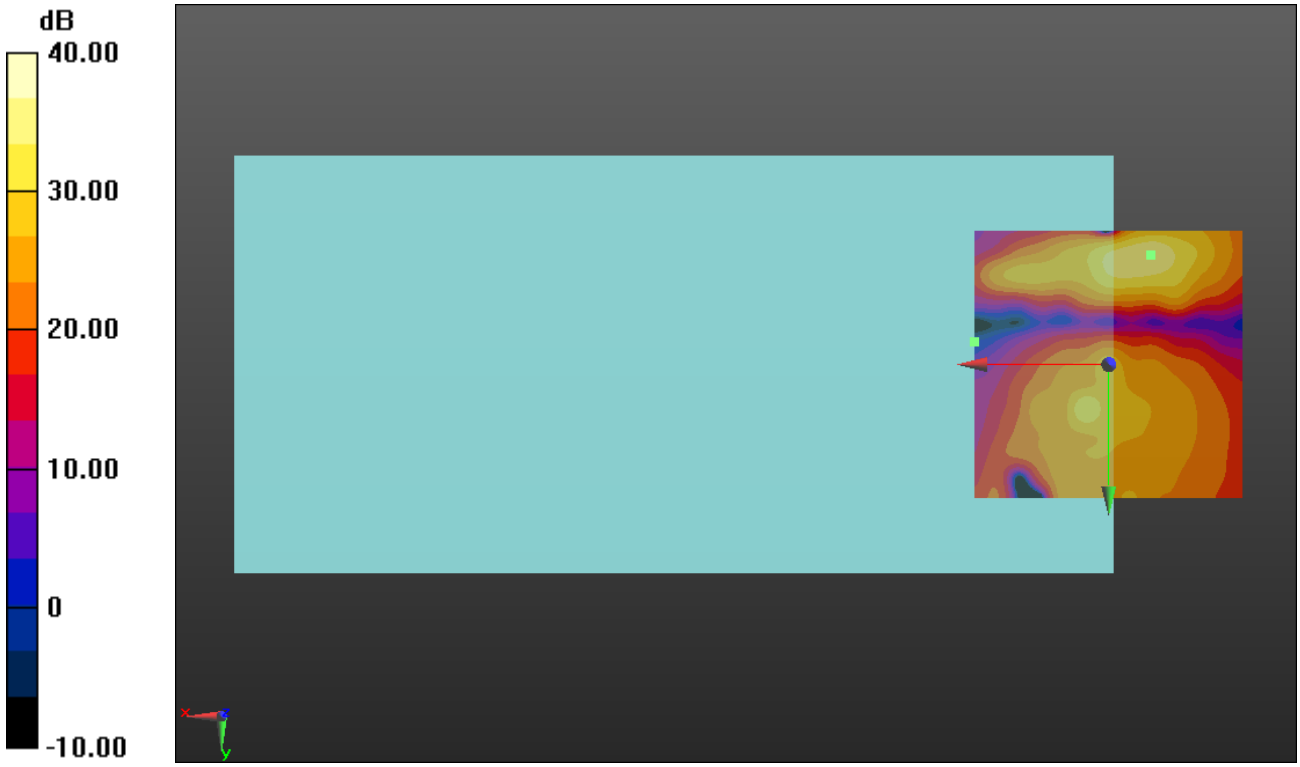
802.11n HT40

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5190 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11n 40 MHz Ch. 38 MCS0 13.5 Mbps @ 6 kbps ANT 2/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 36.66 dB
ABM1 comp = -11.87 dBA/m
BWC Factor = 0.16 dB
Location: -7.9, -20.4, 3.7 mm
ABM2 = -20.17 dBA/m
Location: 25, -4.2, 3.7 mm



0 dB = 1.000 = 0.00 dB

802.11n HT40

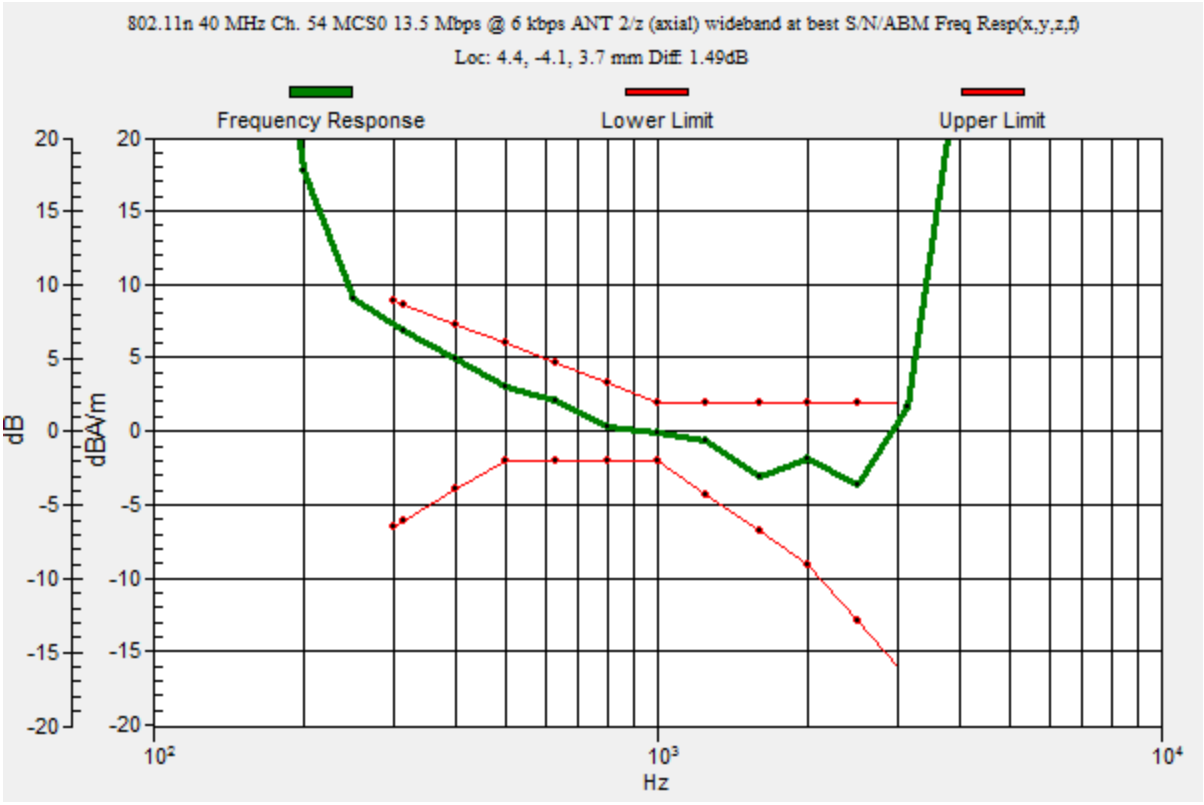
Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5270 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11n 40 MHz Ch. 54 MCS0 13.5 Mbps @ 6 kbps ANT 2/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 72.99
Measure Window Start: 300ms
Measure Window Length: 2000ms
BWC applied: 10.80 dB
Device Reference Point: 0, 0, -6.3 mm

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

Cursor:
Diff = 1.49 dB
BWC Factor = 10.80 dB
Location: 4.4, -4.1, 3.7 mm



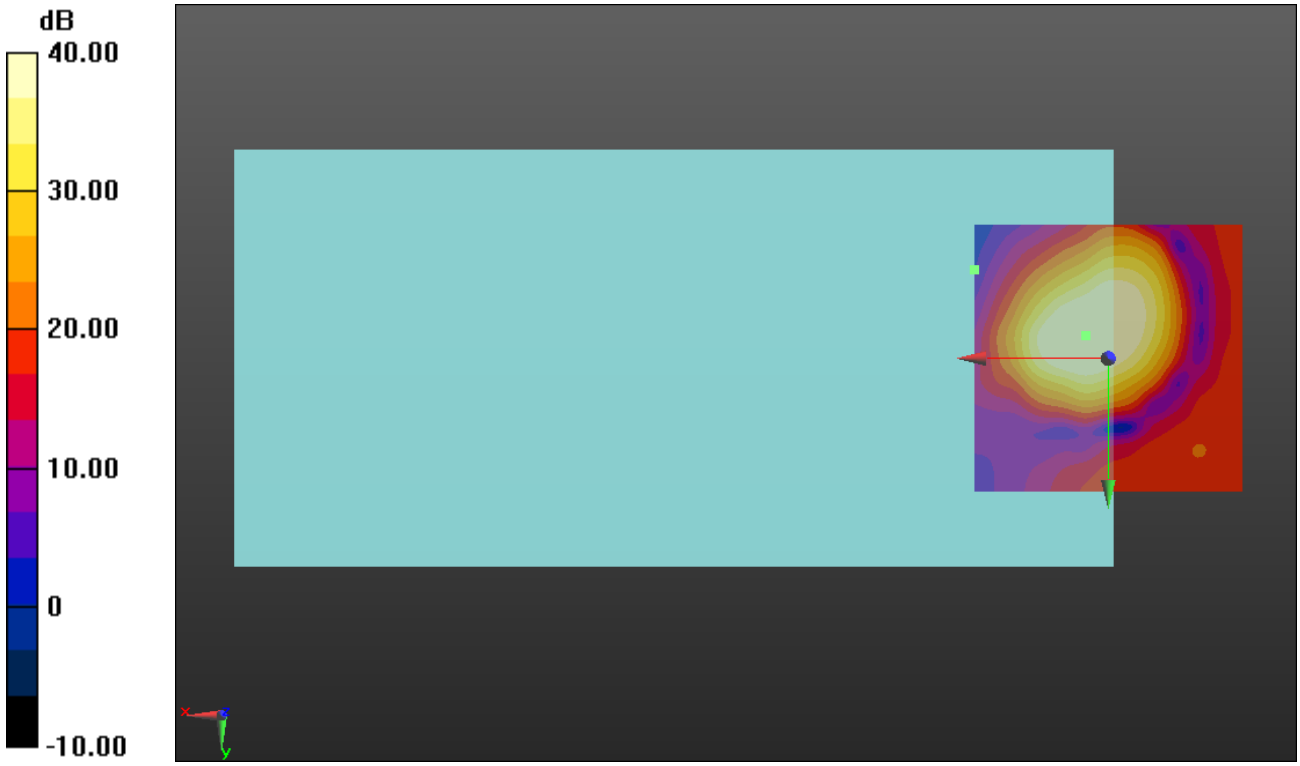
802.11n HT40

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5270 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11n 40 MHz Ch. 54 MCS0 13.5 Mbps @ 6 kbps ANT 2/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 44.07 dB
ABM1 comp = 3.68 dBA/m
BWC Factor = 0.16 dB
Location: 4.2, -4.2, 3.7 mm
ABM2 = -18.68 dBA/m
Location: 25, -16.7, 3.7 mm



0 dB = 1.000 = 0.00 dB

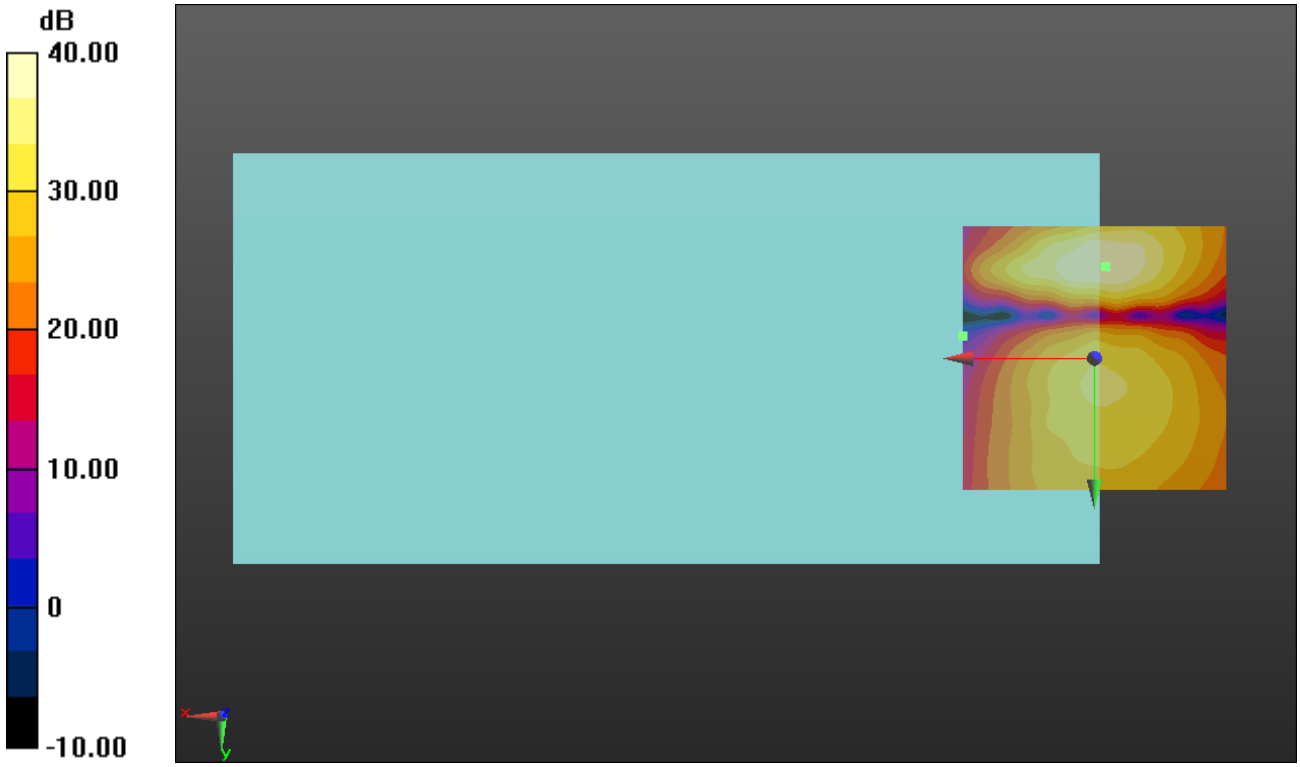
802.11n HT40

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5270 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11n 40 MHz Ch. 54 MCS0 13.5 Mbps @ 6 kbps ANT 2/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 40.29 dB
ABM1 comp = -5.92 dBA/m
BWC Factor = 0.16 dB
Location: -2.1, -17.5, 3.7 mm
ABM2 = -23.06 dBA/m
Location: 25, -4.2, 3.7 mm



0 dB = 1.000 = 0.00 dB

802.11n HT40

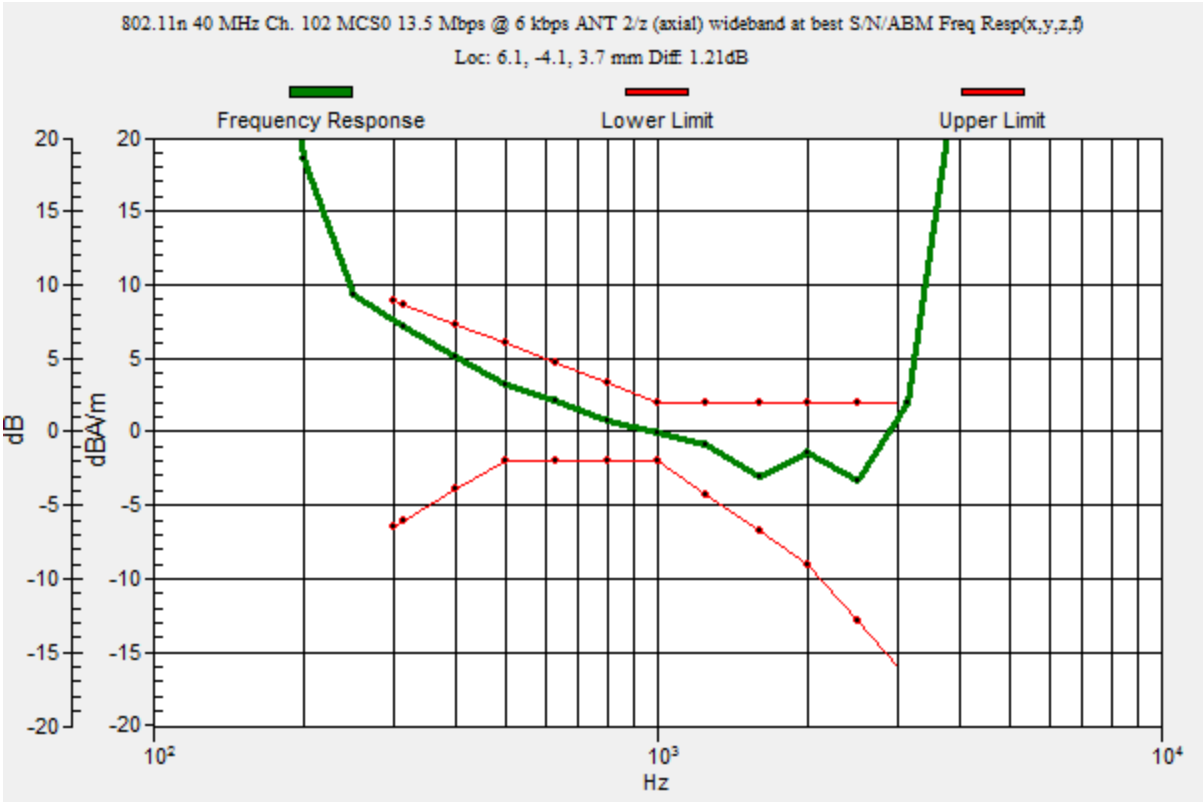
Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5510 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11n 40 MHz Ch. 102 MCS0 13.5 Mbps @ 6 kbps ANT 2/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 72.99
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 = 1.21 dB
BWC Factor = 10.80 dB
Location: 6.1, -4.1, 3.7 mm



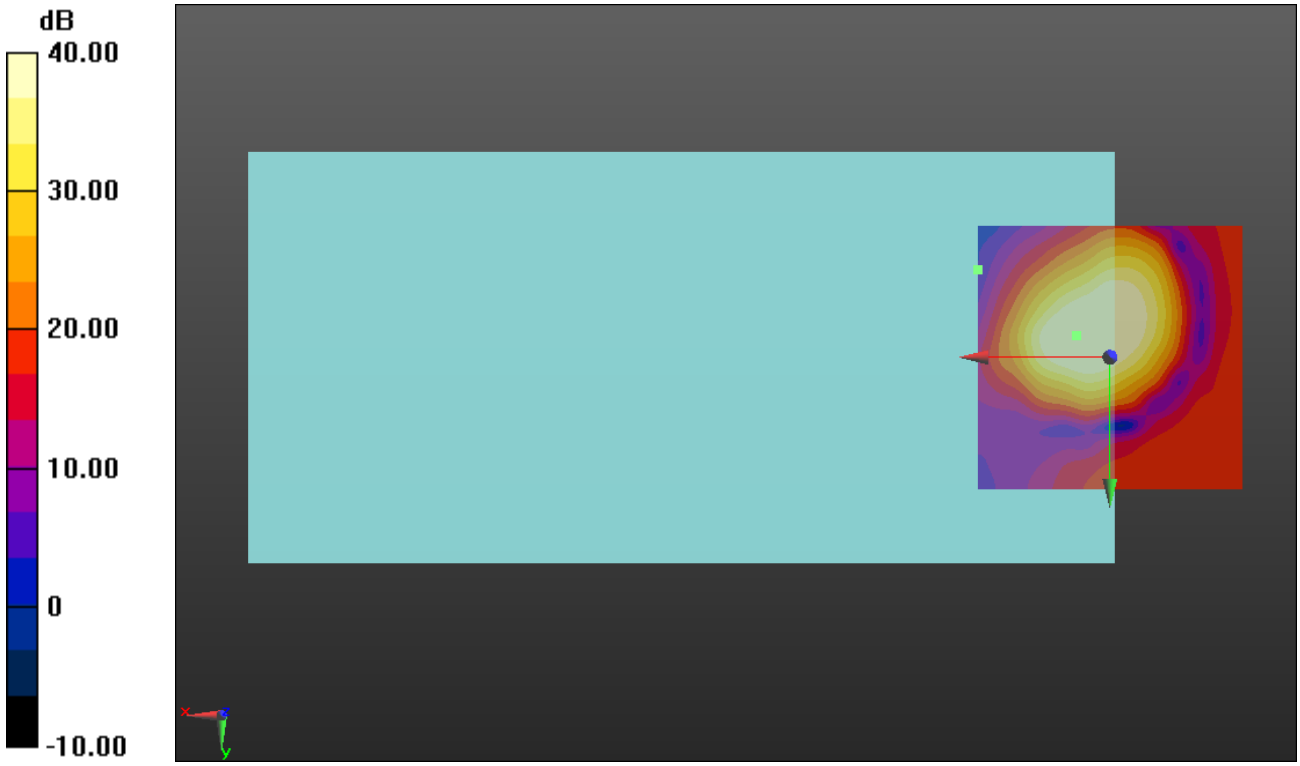
802.11n HT40

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5510 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11n 40 MHz Ch. 102 MCS0 13.5 Mbps @ 6 kbps ANT 2/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 44.22 dB
ABM1 comp = 3.97 dBA/m
BWC Factor = 0.16 dB
Location: 6.3, -4.2, 3.7 mm
ABM2 = -18.41 dBA/m
Location: 25, -16.7, 3.7 mm



0 dB = 1.000 = 0.00 dB

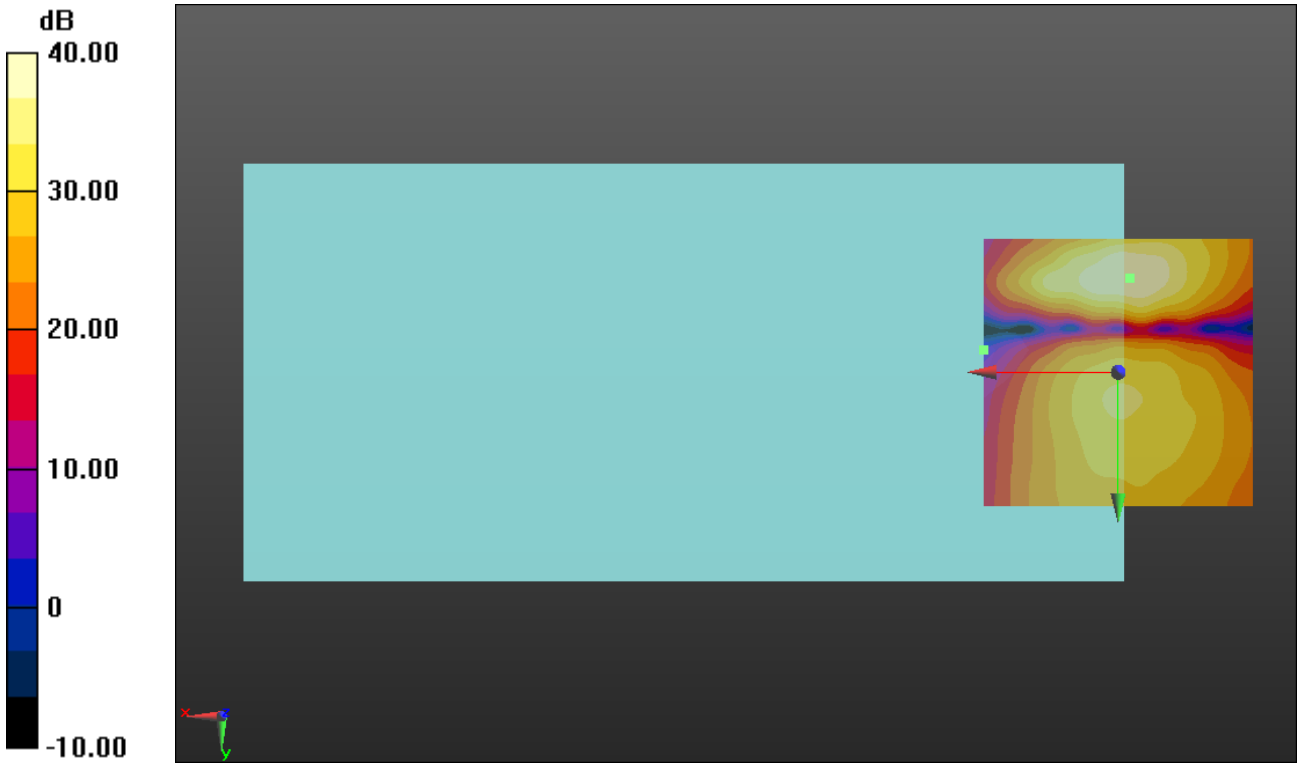
802.11n HT40

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5510 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11n 40 MHz Ch. 102 MCS0 13.5 Mbps @ 6 kbps ANT 2/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 40.23 dB
ABM1 comp = -5.98 dBA/m
BWC Factor = 0.16 dB
Location: -2.1, -17.5, 3.7 mm
ABM2 = -23.02 dBA/m
Location: 25, -4.2, 3.7 mm



0 dB = 1.000 = 0.00 dB

802.11n HT40

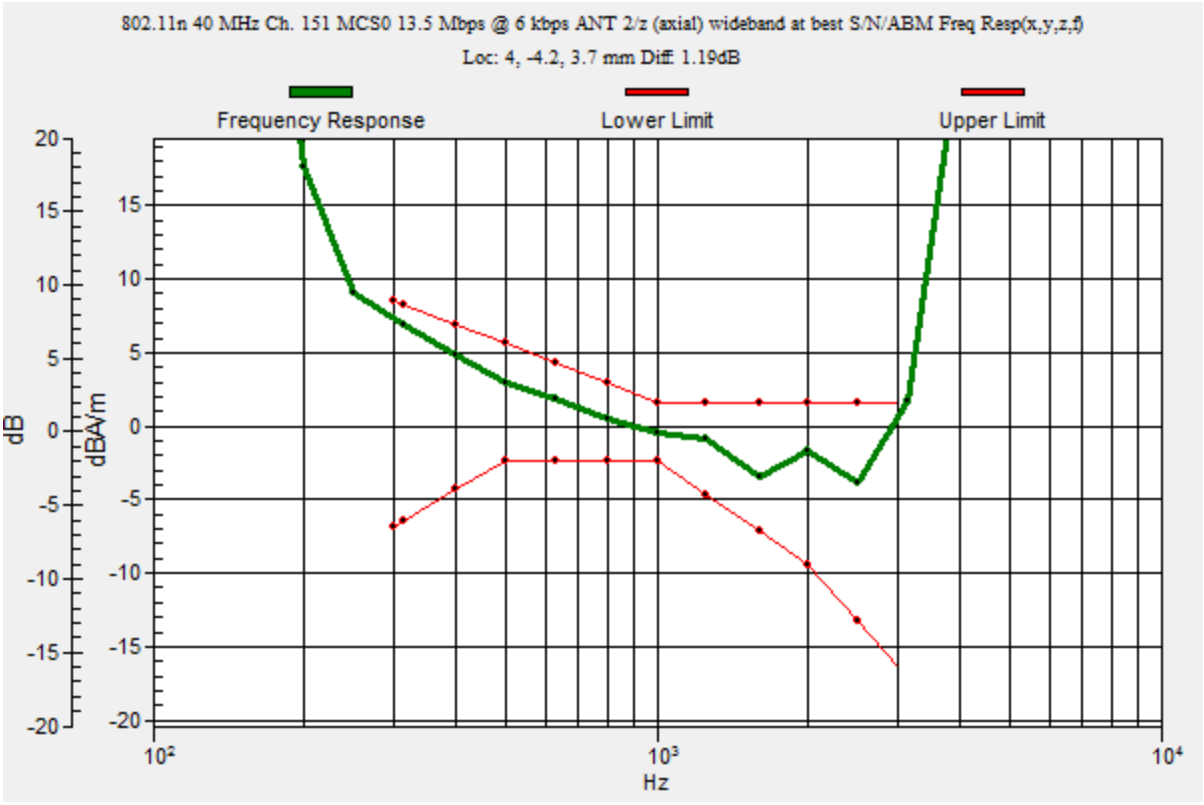
Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5755 MHz;Duty Cycle: 1:1

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11n 40 MHz Ch. 151 MCS0 13.5 Mbps @ 6 kbps ANT 2/z (axial) wideband at best S/N/ABM Freq Resp(x,y,z,f) (1x1x1):

Measurement grid: dx=10mm, dy=10mm
Signal Type: Audio File (.wav) 48k_voice_300-3000_2s.wav
Output Gain: 72.99
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 = 1.19 dB
BWC Factor = 10.80 dB
Location: 4, -4.2, 3.7 mm



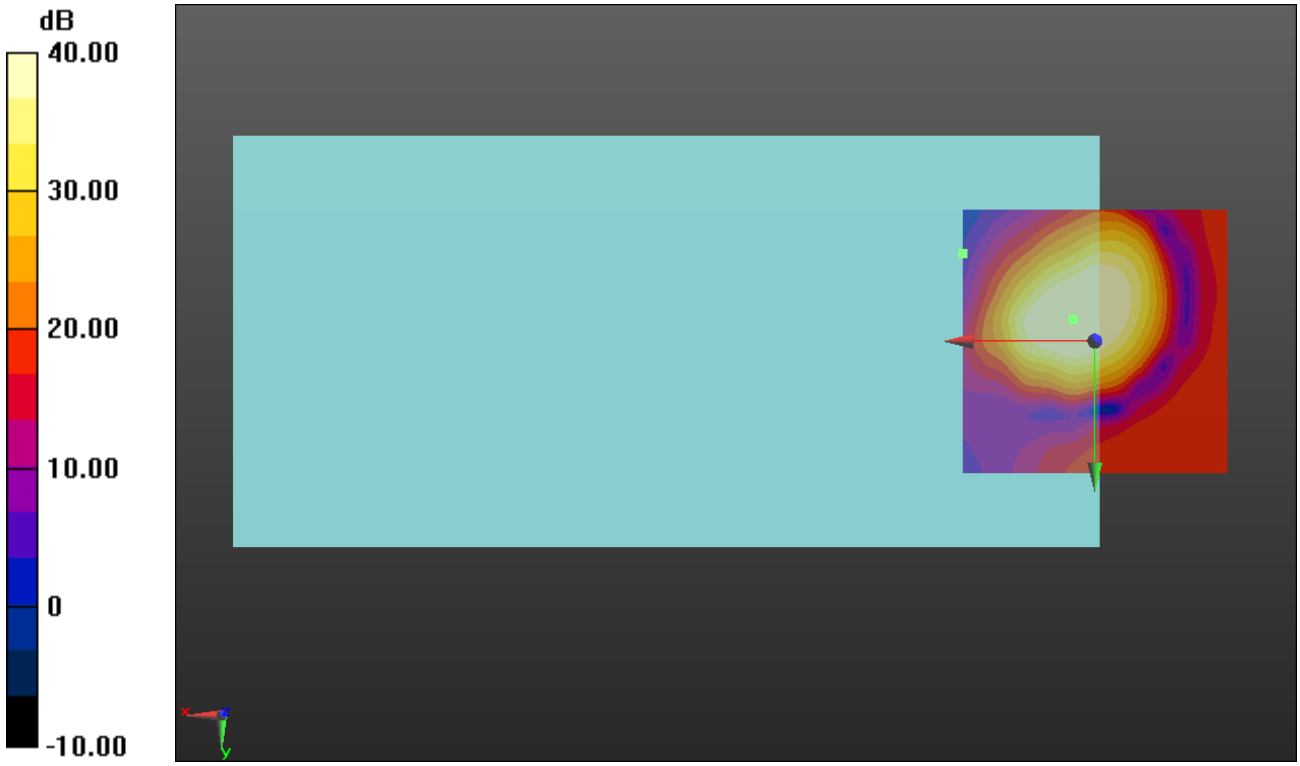
802.11n HT40

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5755 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11n 40 MHz Ch. 151 MCS0 13.5 Mbps @ 6 kbps ANT 2/z (axial) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm
Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 44.00 dB
ABM1 comp = 3.69 dBA/m
BWC Factor = 0.16 dB
Location: 4.2, -4.2, 3.7 mm
ABM2 = -18.40 dBA/m
Location: 25, -16.7, 3.7 mm



0 dB = 1.000 = 0.00 dB

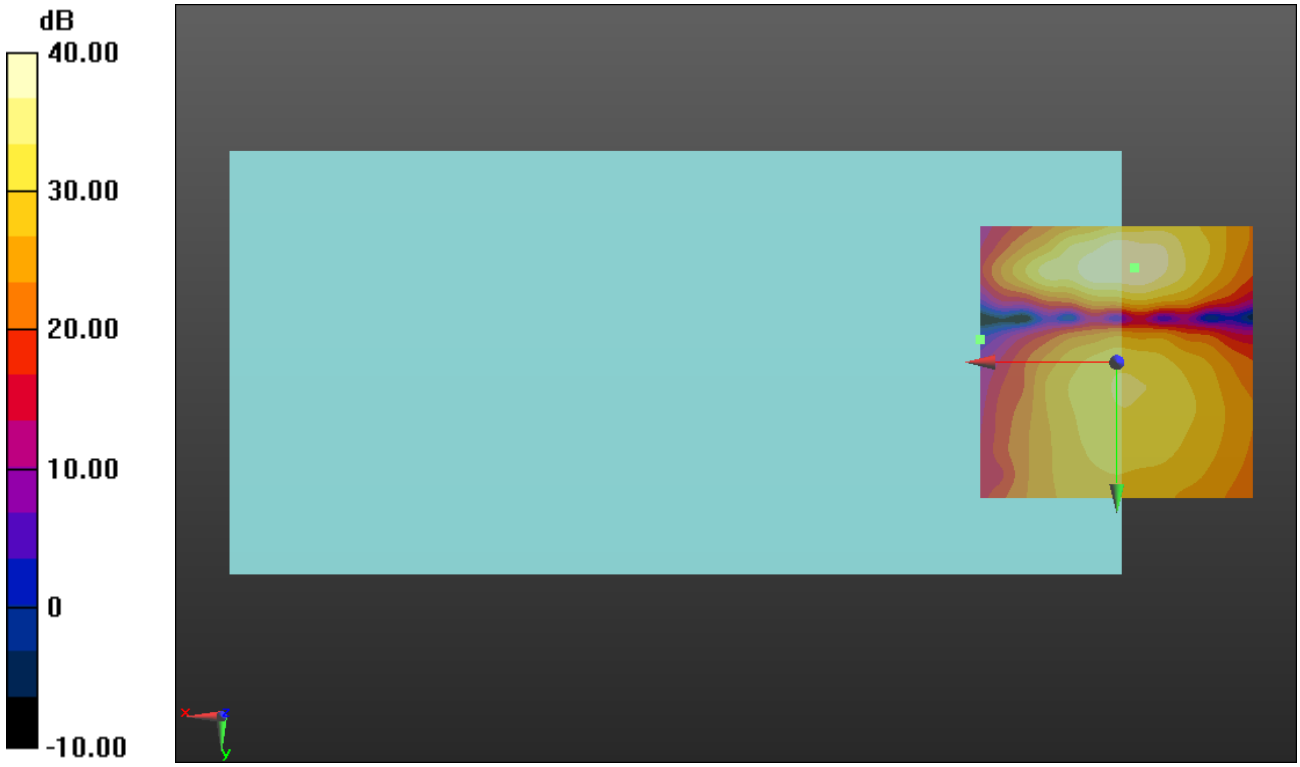
802.11n HT40

Communication System: UID 0, @IEEE 802.11a/n/ac 5 GHz Band (0); Frequency: 5755 MHz; Duty Cycle: 1:1
Phantom section: TCoil Section
DASY5 Configuration:
- Probe: AM1DV3 - 3083; ; Calibrated: 1/15/2018
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn1540; Calibrated: 2/18/2019
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

T-Coil scan (scan for ANSI C63.19 2011 compliance)/802.11n 40 MHz Ch. 151 MCS0 13.5 Mbps @ 6 kbps ANT 2/y (transversal) 4.2mm 50 x 50/ABM Interpolated SNR(x,y,z) (121x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav
Output Gain: 37.22
Measure Window Start: 300ms
Measure Window Length: 1000ms
BWC applied: 0.16 dB
Device Reference Point: 0, 0, -6.3 mm

Cursor:
ABM1/ABM2 = 40.10 dB
ABM1 comp = -7.22 dBA/m
BWC Factor = 0.16 dB
Location: -3.3, -17.5, 3.7 mm
ABM2 = -23.03 dBA/m
Location: 25, -4.2, 3.7 mm



0 dB = 1.000 = 0.00 dB