



T-Coil GSM 1900 Perpendicular

Date: 2018-6-20

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature: 22.5°C

Communication System: UID 0, GSM 1900MHz new (0); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Probe: AM1DV2 - 1064;

T-Coil/General Scans/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: 37.15

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 = 10.24 dBA/m

BWC Factor = 0.16 dB

Location: 11.7, -3.8, 3.7 mm

T-Coil/General Scans/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: 37.15

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 36.38 dB

ABM1 comp = -3.06 dBA/m

BWC Factor = 0.16 dB

Location: 0.4, -0.8, 3.7 mm

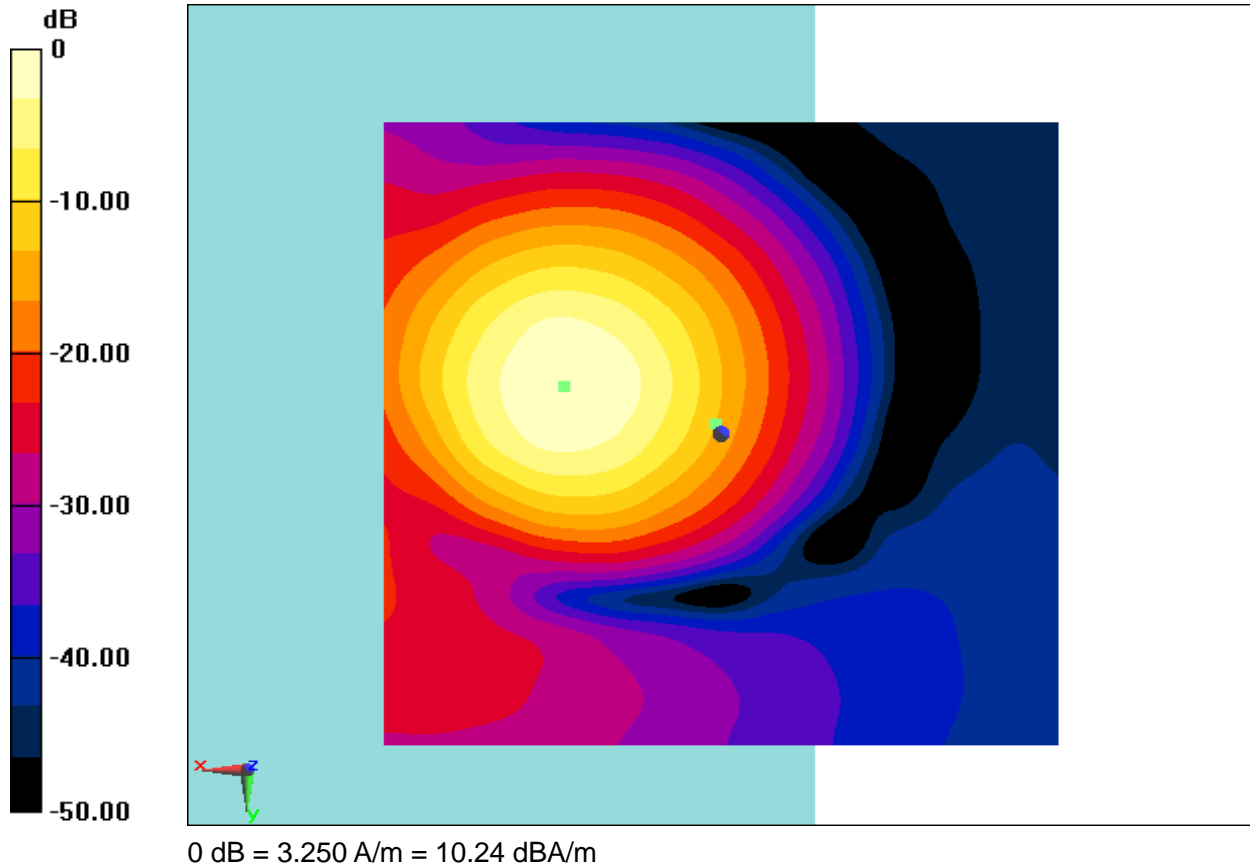


Fig B.4 T-Coil GSM 1900



T-Coil WCDMA 850 Transverse

Date: 2018-6-21

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature: 22.5°C

Communication System: UID 0, WCDMA850 (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Probe: AM1DV2 - 1064;

T-Coil/General Scans/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: 37.15

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 = 2.52 dBA/m

BWC Factor = 0.16 dB

Location: 12.1, 3.7, 3.7 mm

T-Coil/General Scans/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: 37.15

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 41.47 dB

ABM1 comp = -3.05 dBA/m

BWC Factor = 0.16 dB

Location: 4.2, -15.8, 3.7 mm

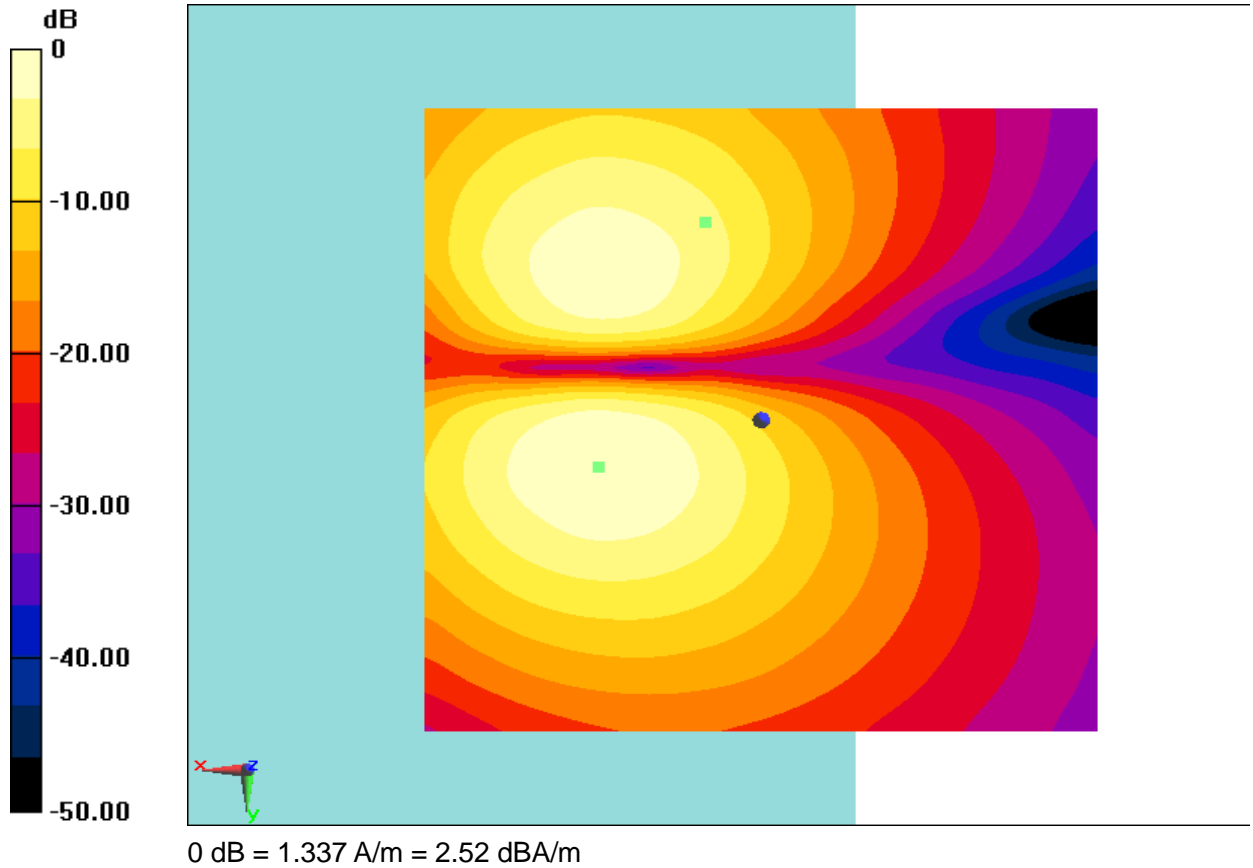


Fig B.5 T-Coil WCDMA 850



T-Coil WCDMA 850 Perpendicular

Date: 2018-6-21

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature: 22.5°C

Communication System: UID 0, WCDMA850 (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Probe: AM1DV2 - 1064;

T-Coil/General Scans/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: 37.15

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 = 10.69 dBA/m

BWC Factor = 0.16 dB

Location: 12.1, -4.6, 3.7 mm

T-Coil/General Scans/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: 37.15

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 48.15 dB

ABM1 comp = 7.84 dBA/m

BWC Factor = 0.16 dB

Location: 7.9, -1.7, 3.7 mm

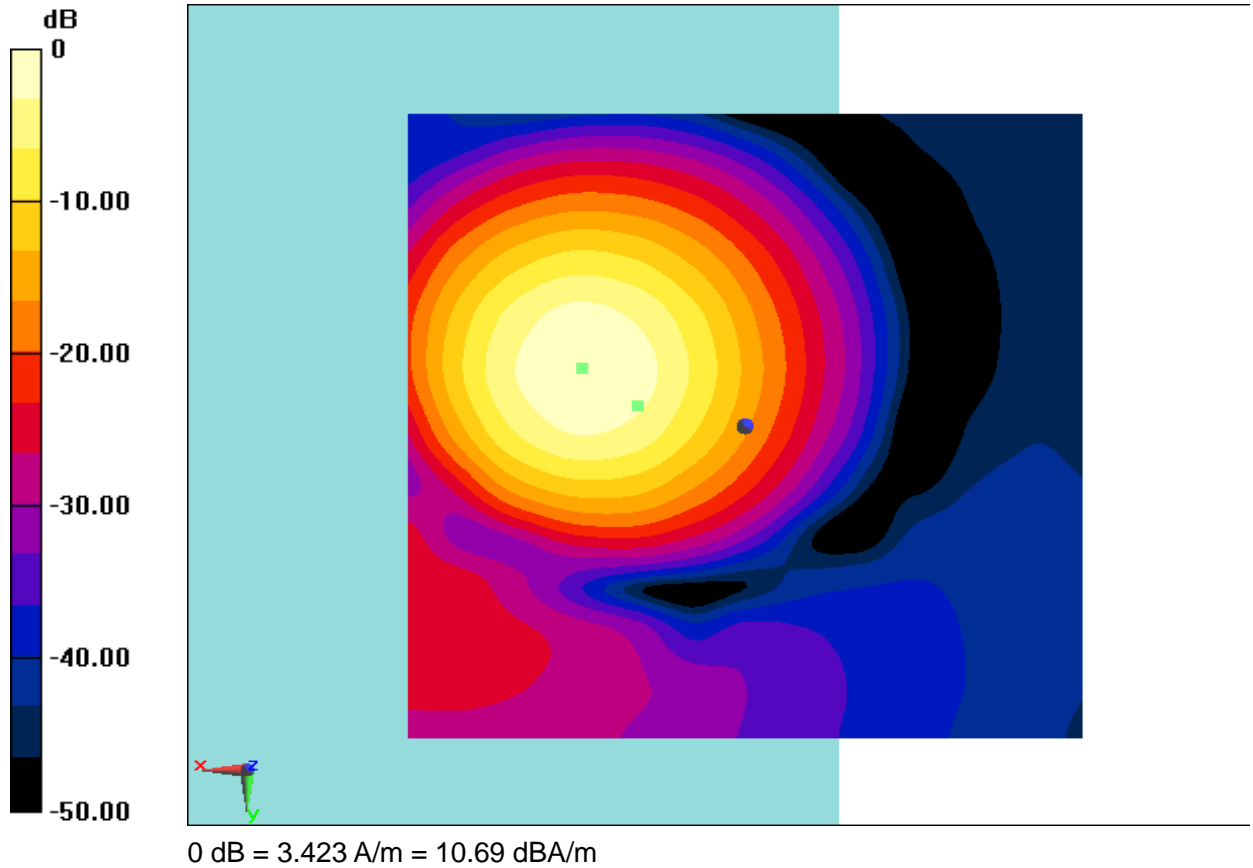


Fig B.6 T-Coil WCDMA 850



T-Coil WCDMA 1700 Transverse

Date: 2018-6-21

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature: 22.5°C

Communication System: UID 0, WCDMA 1700 Band4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Probe: AM1DV2 - 1064;

T-Coil/General Scans/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: 37.15

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 = 2.65 dBA/m

BWC Factor = 0.16 dB

Location: 12.1, 5, 3.7 mm

T-Coil/General Scans/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: 37.15

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 41.75 dB

ABM1 comp = -1.59 dBA/m

BWC Factor = 0.16 dB

Location: 5.4, -12.9, 3.7 mm

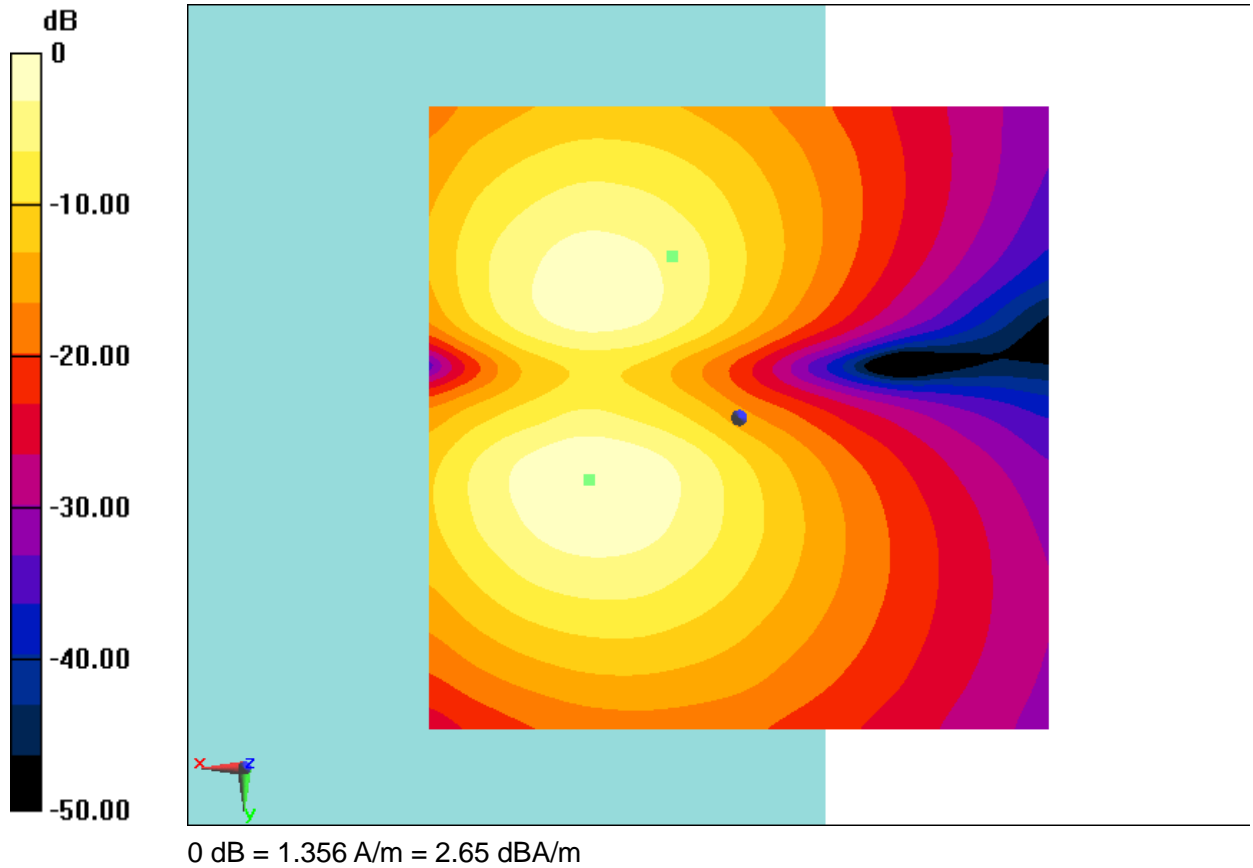


Fig B.7 T-Coil WCDMA 1700



T-Coil WCDMA 1700 Perpendicular

Date: 2018-6-21

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature: 22.5°C

Communication System: UID 0, WCDMA 1700 Band4 (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1

Probe: AM1DV2 - 1064;

T-Coil/General Scans/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: 37.15

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 = 10.70 dBA/m

BWC Factor = 0.16 dB

Location: 12.1, -2.9, 3.7 mm

T-Coil/General Scans/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: 37.15

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 48.51 dB

ABM1 comp = 8.56 dBA/m

BWC Factor = 0.16 dB

Location: 8.3, 0, 3.7 mm

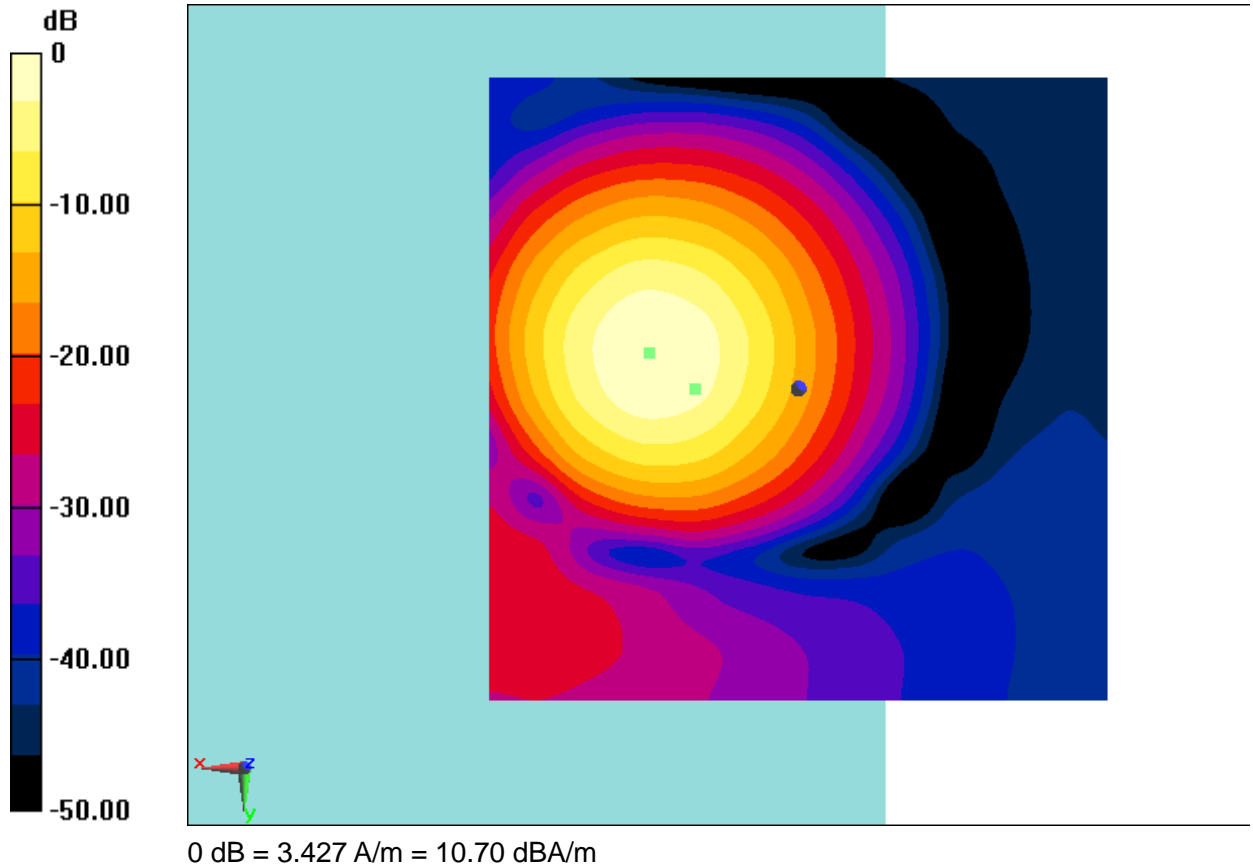


Fig B.8 T-Coil WCDMA 1700



T-Coil WCDMA 1900 Transverse

Date: 2018-6-21

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature: 22.5°C

Communication System: UID 0, WCDMA 1900 Band2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Probe: AM1DV2 - 1064;

T-Coil/General Scans/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: 37.15

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 = 2.54 dBA/m

BWC Factor = 0.16 dB

Location: 11.7, 4.6, 3.7 mm

T-Coil/General Scans/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: 37.15

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 40.19 dB

ABM1 comp = -1.67 dBA/m

BWC Factor = 0.16 dB

Location: 5, -13.8, 3.7 mm

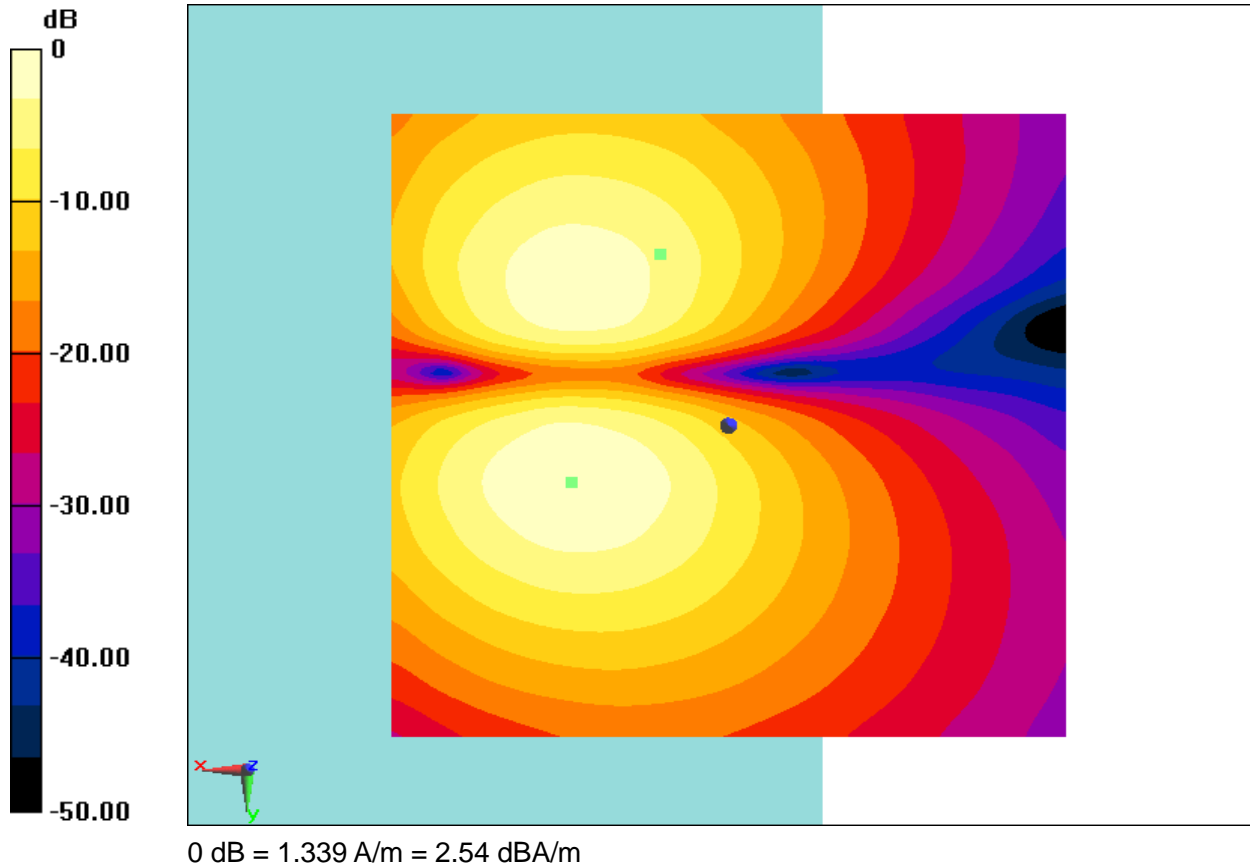


Fig B.9 T-Coil WCDMA 1900



T-Coil WCDMA 1900 Perpendicular

Date: 2018-6-21

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature: 22.5°C

Communication System: UID 0, WCDMA 1900 Band2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Probe: AM1DV2 - 1064;

T-Coil/General Scans/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: 37.15

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 = 10.65 dBA/m

BWC Factor = 0.16 dB

Location: 11.7, -3.8, 3.7 mm

T-Coil/General Scans/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: 37.15

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

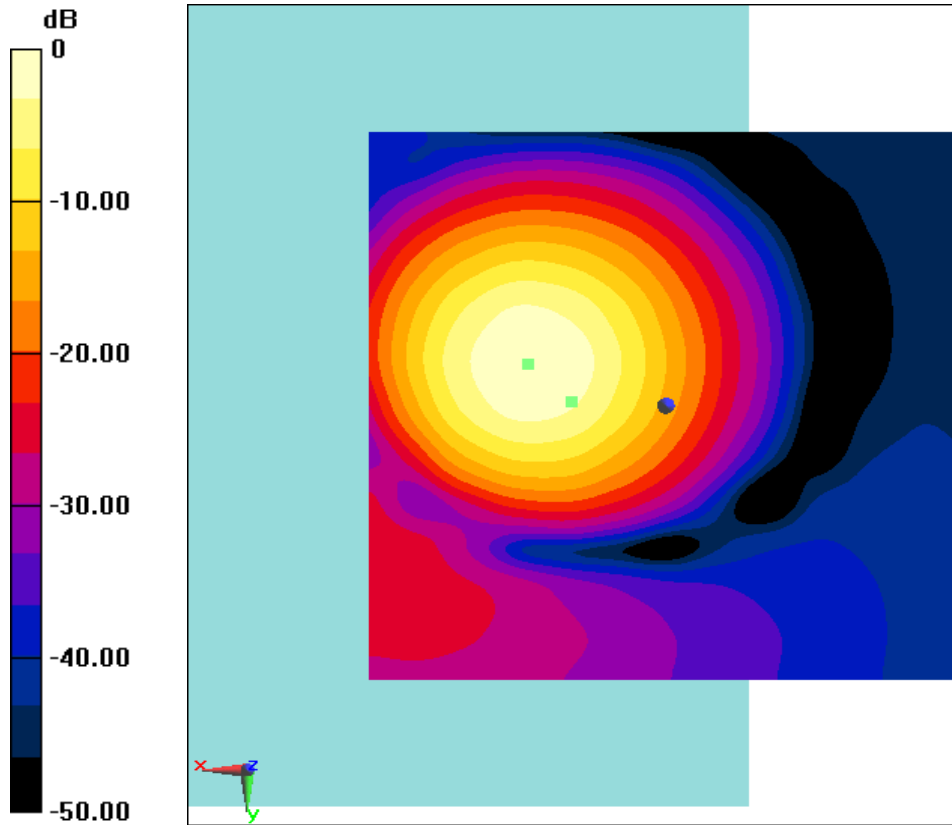
Cursor:

ABM1/ABM2 = 48.00 dB

ABM1 comp = 7.85 dBA/m

BWC Factor = 0.16 dB

Location: 7.9, -0.4, 3.7 mm



0 dB = 3.408 A/m = 10.65 dBA/m

Fig B.10 T-Coil WCDMA 1900



T-Coil Band2 3M Transverse

Date: 2018-6-22

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature: 22.5°C

Communication System: UID 0, LTE Band2(20MB) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Probe: AM1DV2 - 1064;

T-Coil/General Scans/y (transversal) 4.2mm 50 x 50 3M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 = 5.46 dBA/m

BWC Factor = 0.16 dB

Location: 10.4, 4.2, 3.7 mm

T-Coil/General Scans/y (transversal) 4.2mm 50 x 50 3M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 38.52 dB

ABM1 comp = 1.58 dBA/m

BWC Factor = 0.16 dB

Location: 3.3, -12.9, 3.7 mm

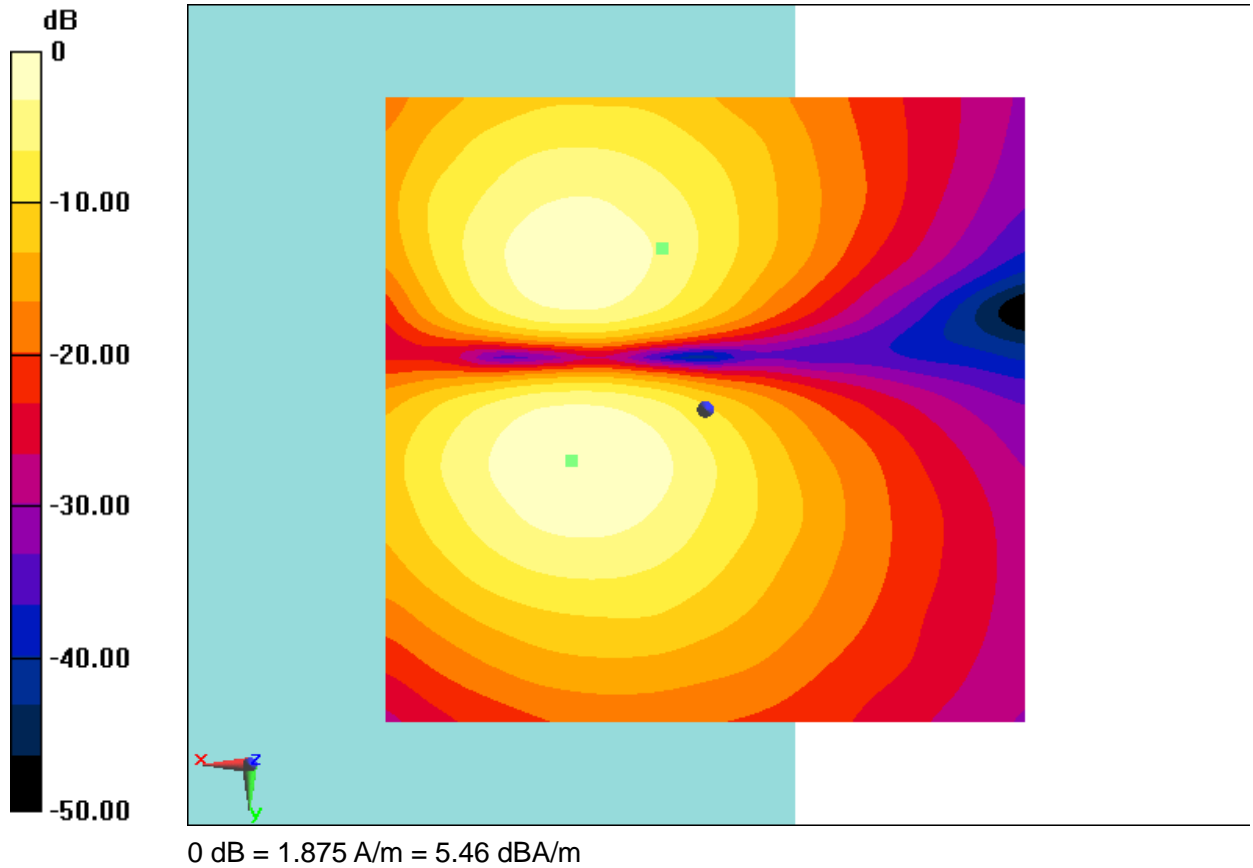


Fig B.11 T-coil LTE Band2



T-Coil Band2 15M Perpendicular

Date: 2018-6-22

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature: 22.5°C

Communication System: UID 0, LTE Band2(20MB) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Probe: AM1DV2 - 1064;

T-Coil/General Scans/z (axial) 4.2mm 50 x 50 15M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 = 12.81 dBA/m

BWC Factor = 0.16 dB

Location: 11.3, -3.8, 3.7 mm

T-Coil/General Scans/z (axial) 4.2mm 50 x 50 15M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 46.93 dB

ABM1 comp = 4.64 dBA/m

BWC Factor = 0.16 dB

Location: 1.7, -2.1, 3.7 mm

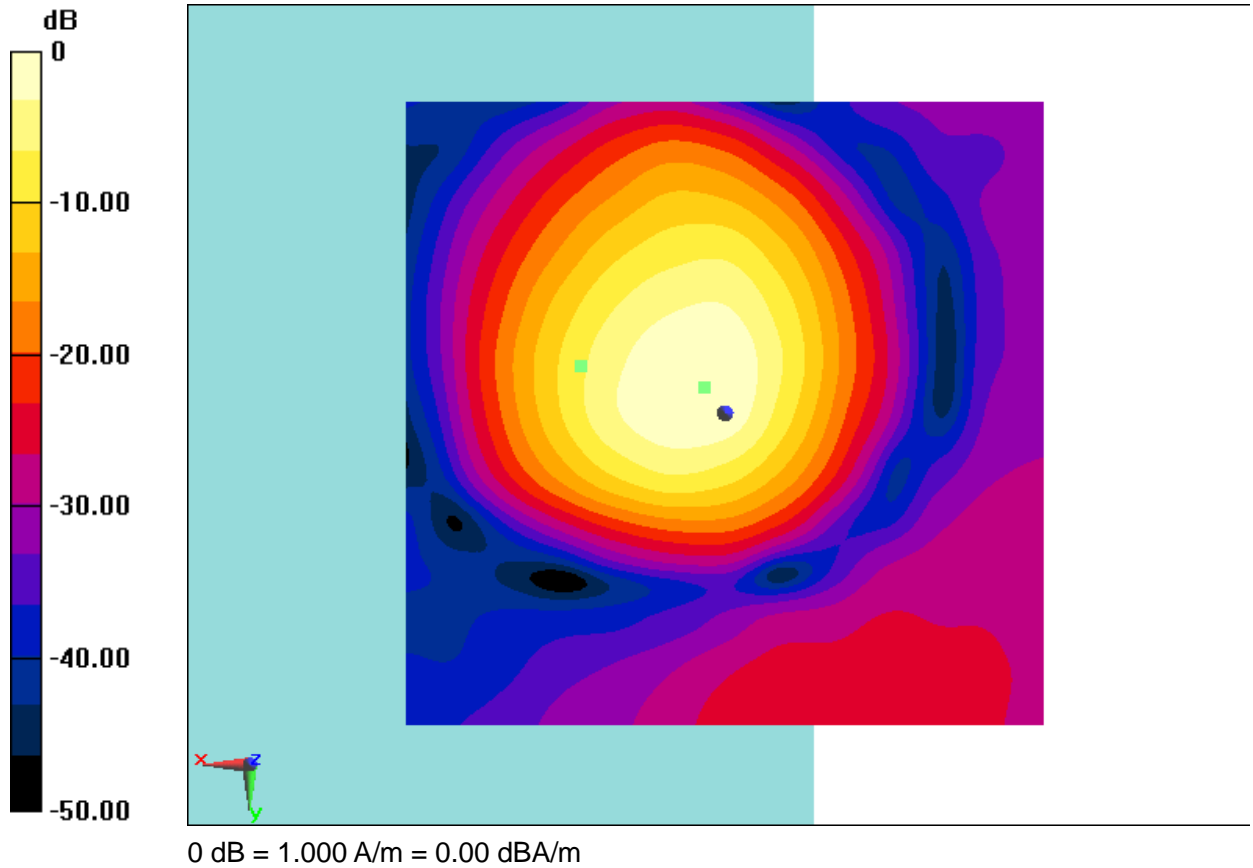


Fig B.12 T-coil LTE Band2



T-Coil Band5 1.4M Transverse

Date: 2018-6-22

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature: 22.5°C

Communication System: UID 0, LTE Band 5 (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Probe: AM1DV2 - 1064;

T-Coil/General Scans/y (transversal) 4.2mm 50 x 50 1.4M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 = 6.47 dBA/m

BWC Factor = 0.16 dB

Location: 10, 4.6, 3.7 mm

T-Coil/General Scans/y (transversal) 4.2mm 50 x 50 1.4M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 43.26 dB

ABM1 comp = 1.94 dBA/m

BWC Factor = 0.16 dB

Location: 2.5, -12.9, 3.7 mm

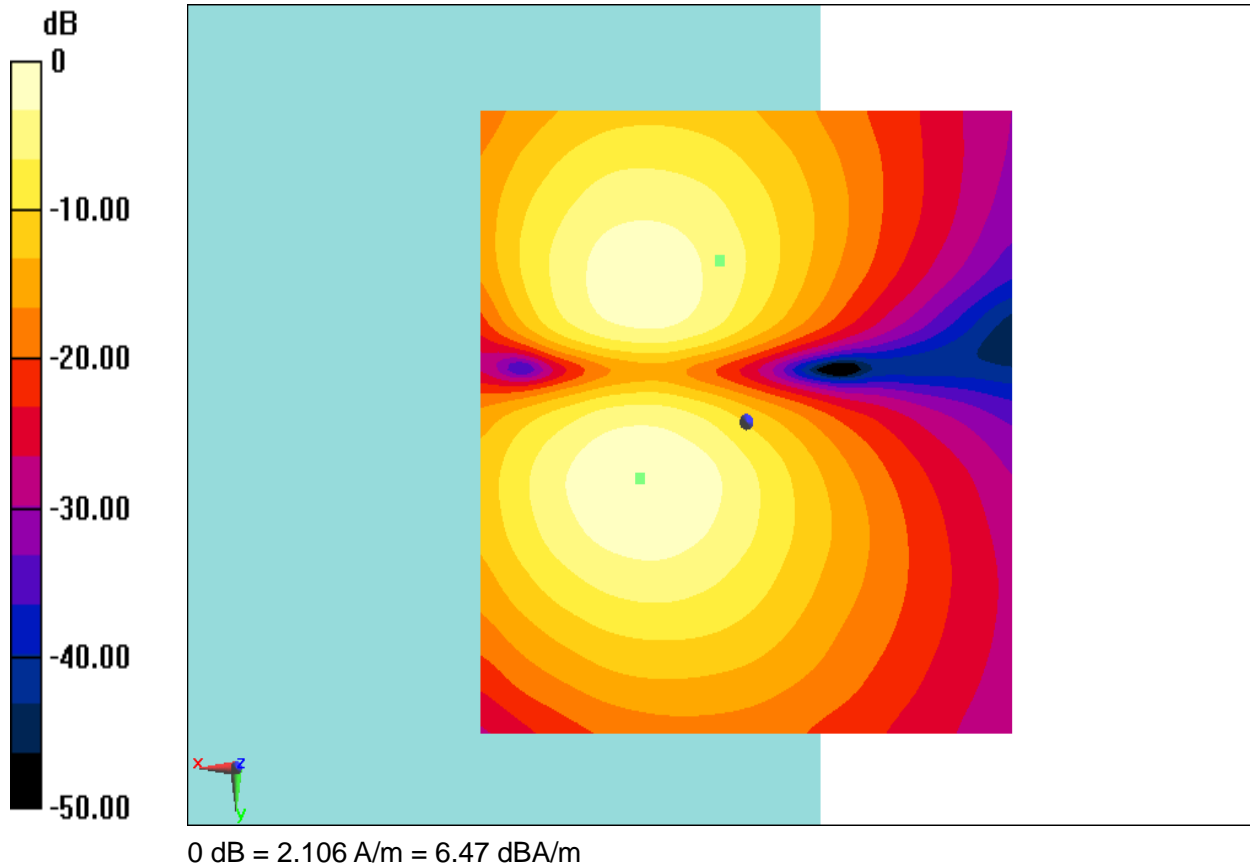


Fig B.13 T-coil LTE Band5



T-Coil Band5 5M Perpendicular

Date: 2018-6-22

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature: 22.5°C

Communication System: UID 0, LTE Band 5 (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Probe: AM1DV2 - 1064;

T-Coil/General Scans/z (axial) 4.2mm 50 x 50 5M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 = 13.60 dBA/m

BWC Factor = 0.16 dB

Location: 10.4, -2.9, 3.7 mm

T-Coil/General Scans/z (axial) 4.2mm 50 x 50 5M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

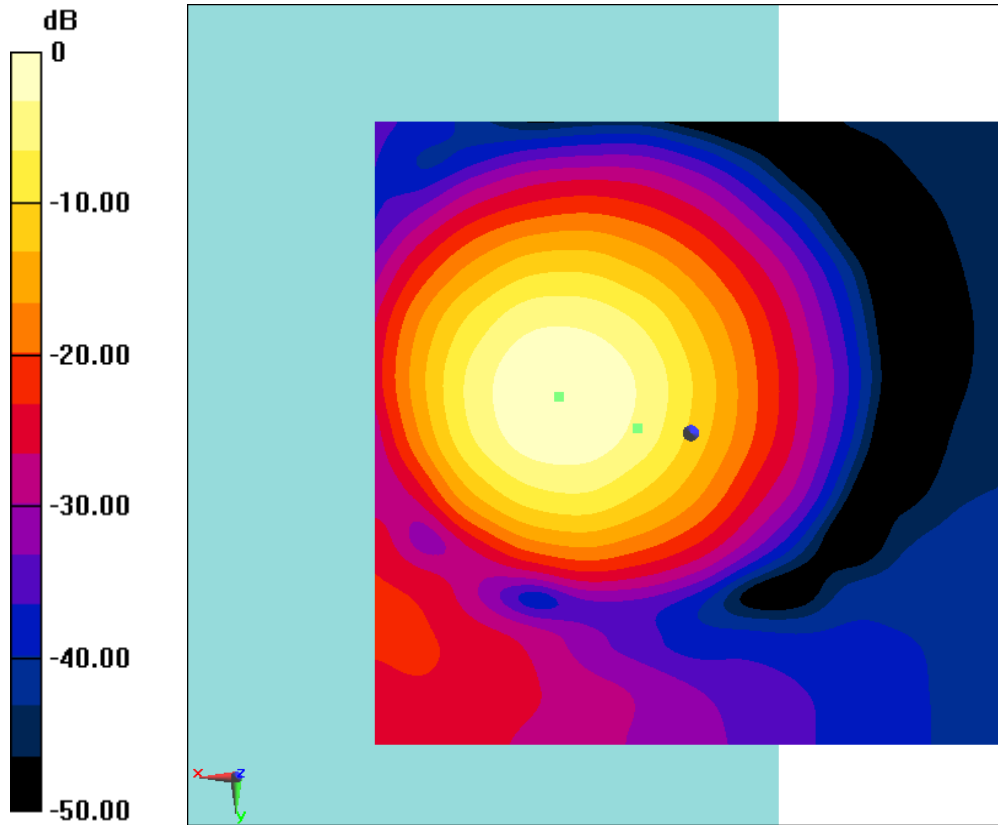
Cursor:

ABM1/ABM2 = 50.70 dB

ABM1 comp = 9.45 dBA/m

BWC Factor = 0.16 dB

Location: 4.2, -0.4, 3.7 mm



0 dB = 4.786 A/m = 13.60 dBA/m

Fig B.14 T-coil LTE Band5



T-Coil Band7 5M Transverse

Date: 2018-6-22

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature: 22.5°C

Communication System: UID 0, LTE Band7-20M (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Probe: AM1DV2 - 1064;

T-Coil/General Scans/y (transversal) 4.2mm 50 x 50 5M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 = 6.92 dBA/m

BWC Factor = 0.16 dB

Location: 11.7, 5, 3.7 mm

T-Coil/General Scans/y (transversal) 4.2mm 50 x 50 5M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 41.51 dB

ABM1 comp = 1.12 dBA/m

BWC Factor = 0.16 dB

Location: 2.5, -12.5, 3.7 mm

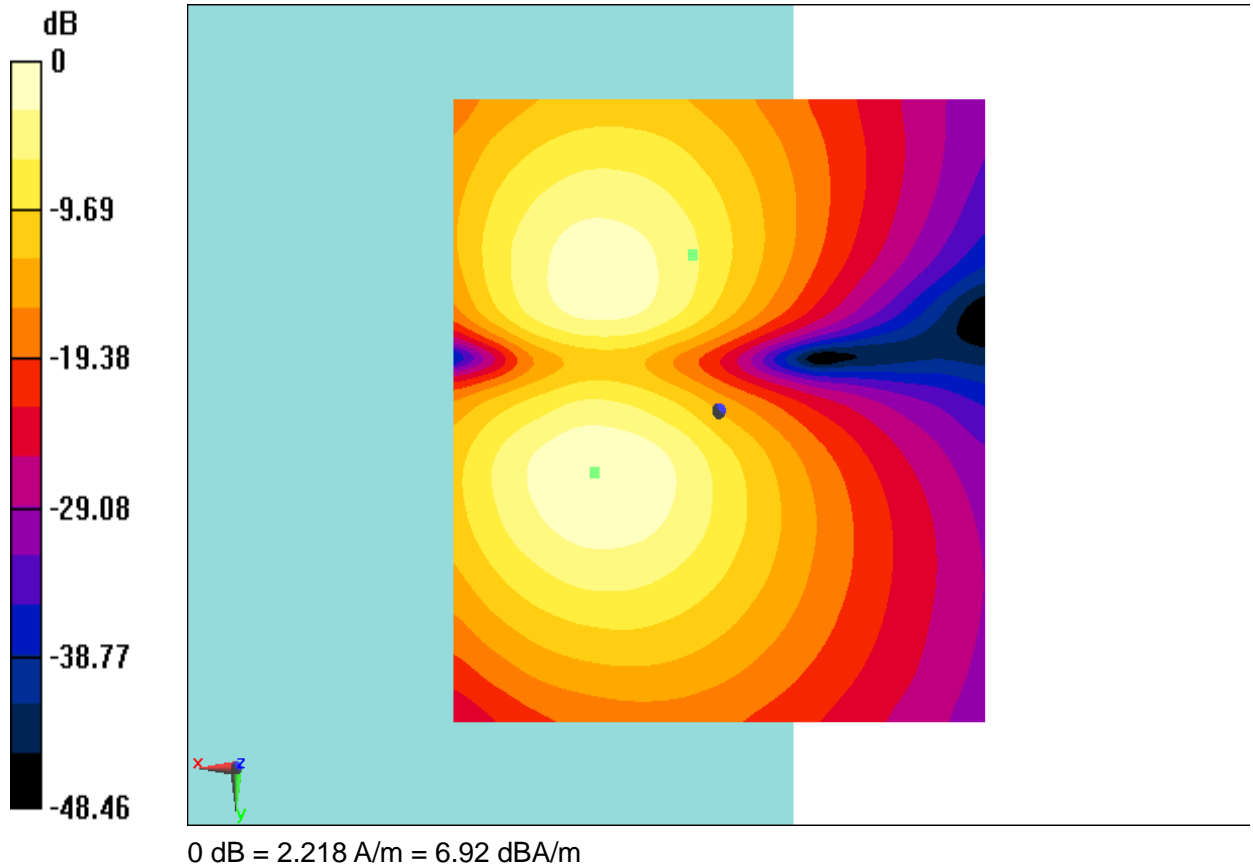


Fig B.15 T-coil LTE Band7



T-Coil Band7 10M Perpendicular

Date: 2018-6-22

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature: 22.5°C

Communication System: UID 0, LTE Band7-20M (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Probe: AM1DV2 - 1064;

T-Coil/General Scans/z (axial) 4.2mm 50 x 50 10M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 = 13.38 dBA/m

BWC Factor = 0.16 dB

Location: 11.3, -3.3, 3.7 mm

T-Coil/General Scans/z (axial) 4.2mm 50 x 50 10M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 50.50 dB

ABM1 comp = 8.40 dBA/m

BWC Factor = 0.16 dB

Location: 3.8, -2.5, 3.7 mm

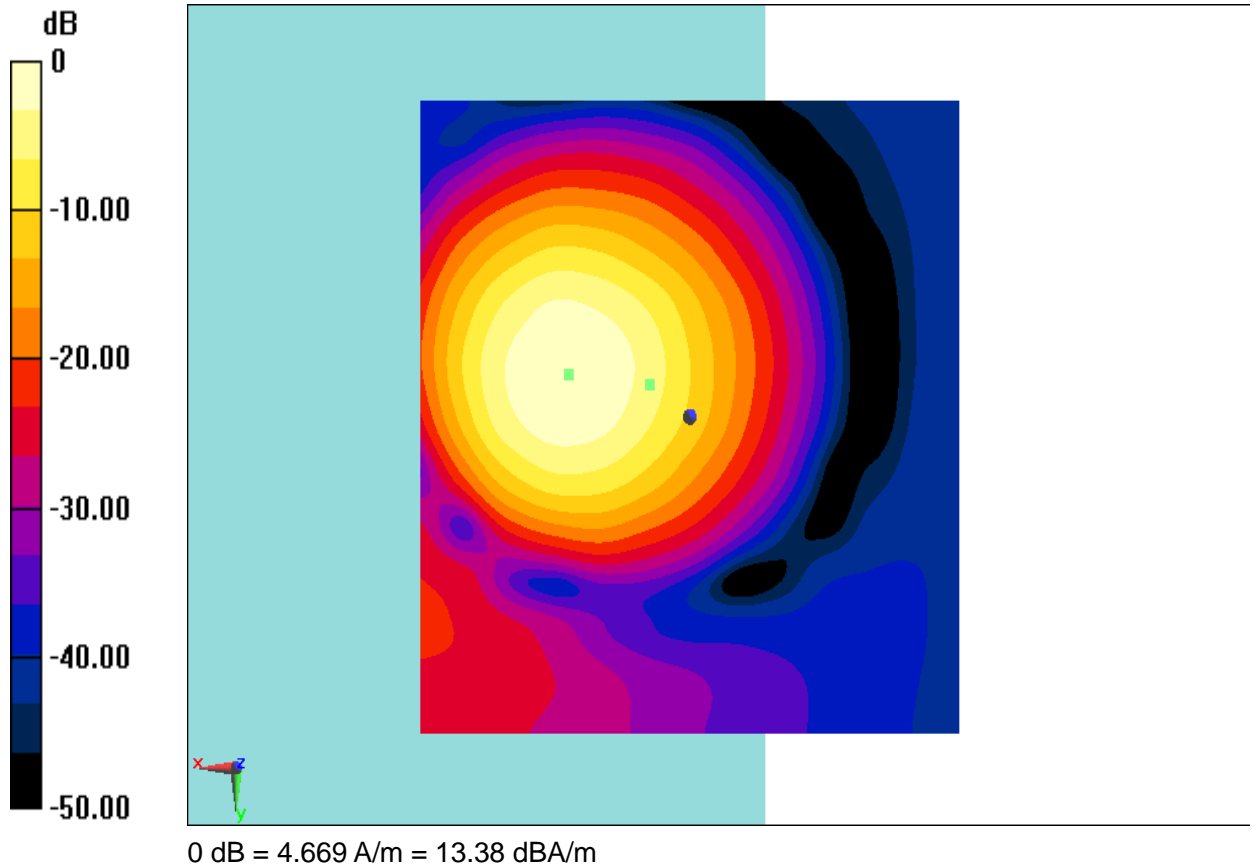


Fig B.16 T-coil LTE Band7



T-Coil Band12 10M Transverse

Date: 2018-6-23

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature: 22.5°C

Communication System: UID 0, LTE Band12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Probe: AM1DV2 - 1064;

T-Coil/General Scans/y (transversal) 4.2mm 50 x 50 10M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 = 7.28 dBA/m

BWC Factor = 0.16 dB

Location: 10.8, 3.7, 3.7 mm

T-Coil/General Scans/y (transversal) 4.2mm 50 x 50 10M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 46.26 dB

ABM1 comp = 3.60 dBA/m

BWC Factor = 0.16 dB

Location: 3.8, -13.3, 3.7 mm

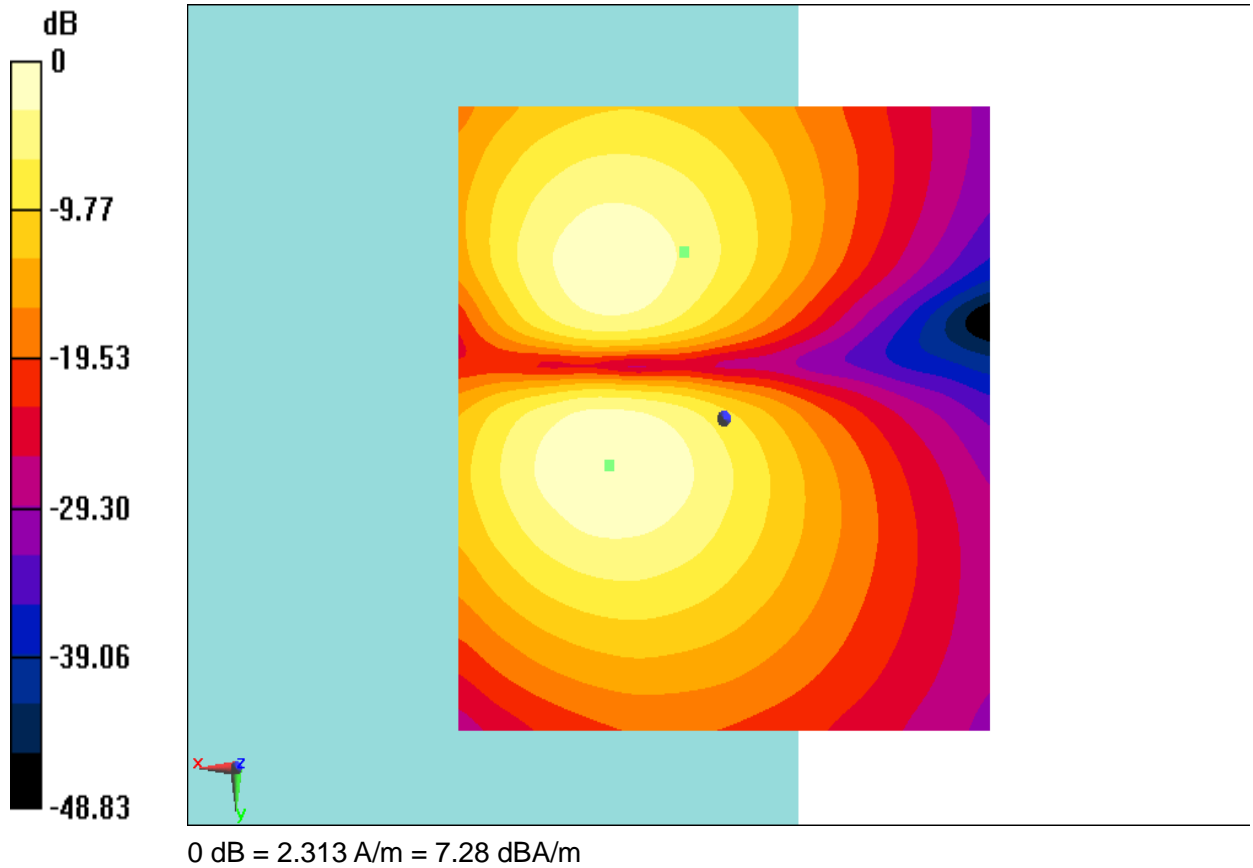


Fig B.17 T-coil LTE Band12



T-Coil Band12 1.4M Perpendicular

Date: 2018-6-23

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature: 22.5°C

Communication System: UID 0, LTE Band12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Probe: AM1DV2 - 1064;

T-Coil/General Scans/z (axial) 4.2mm 50 x 50 1.4M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 = 13.97 dBA/m

BWC Factor = 0.16 dB

Location: 11.3, -3.3, 3.7 mm

T-Coil/General Scans/z (axial) 4.2mm 50 x 50 1.4M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 51.43 dB

ABM1 comp = 9.85 dBA/m

BWC Factor = 0.16 dB

Location: 5, -1.7, 3.7 mm

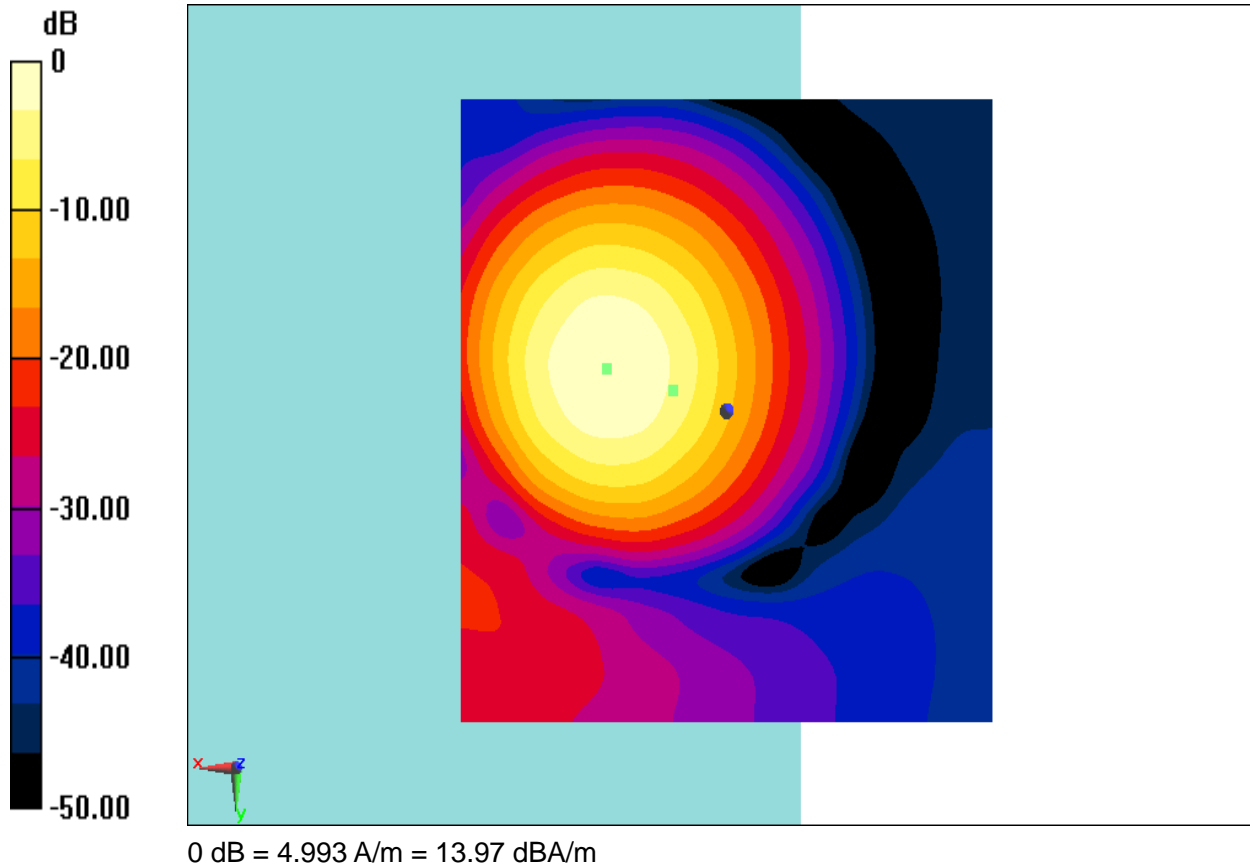


Fig B.18 T-coil LTE Band12



T-Coil Band13 10M Transverse

Date: 2018-6-23

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature: 22.5°C

Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1

Probe: AM1DV2 - 1064;

T-Coil/General Scans/y (transversal) 4.2mm 50 x 50 10M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 = 6.71 dBA/m

BWC Factor = 0.16 dB

Location: 11.3, 5, 3.7 mm

T-Coil/General Scans/y (transversal) 4.2mm 50 x 50 10M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 41.12 dB

ABM1 comp = 2.37 dBA/m

BWC Factor = 0.16 dB

Location: 3.8, -12.1, 3.7 mm

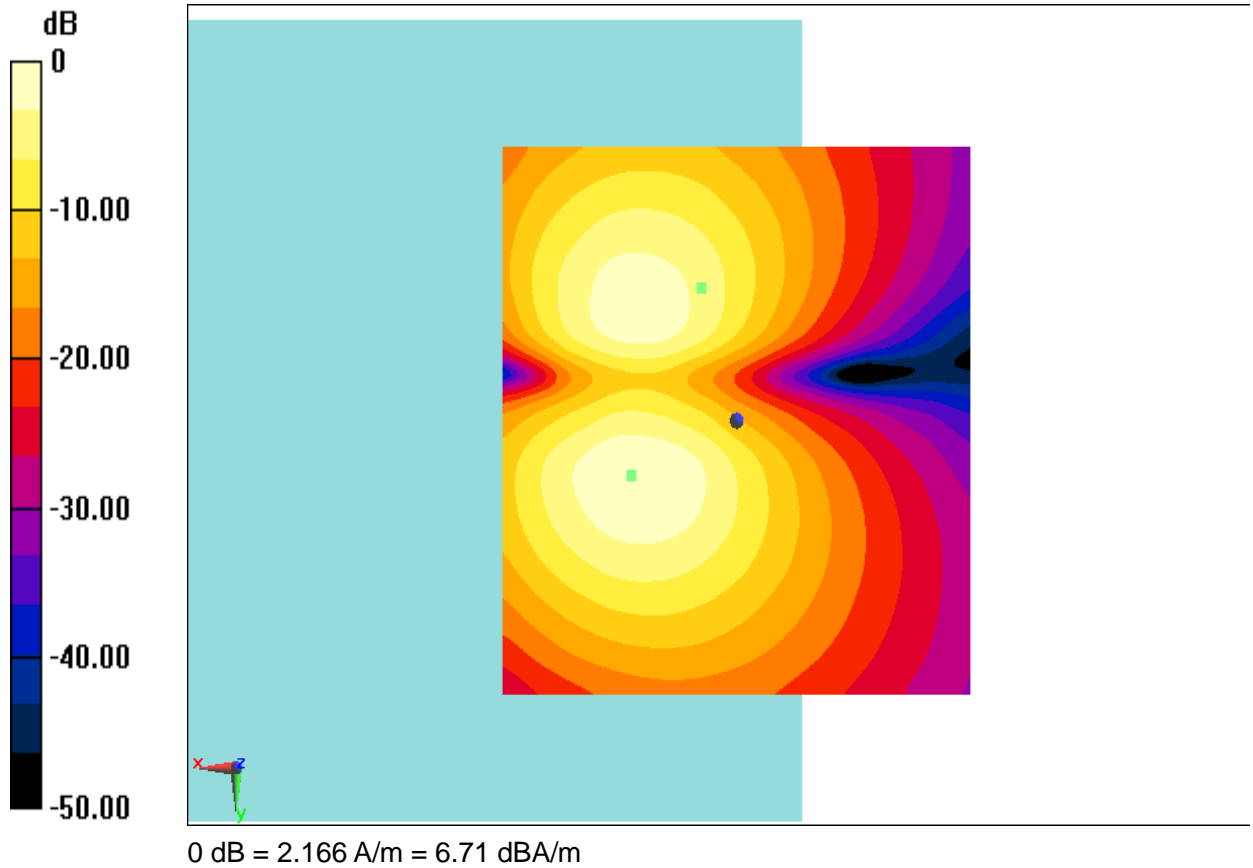


Fig B.19 T-coil LTE Band13



T-Coil Band13 10M Perpendicular

Date: 2018-6-23

Electronics: DAE4 Sn777

Medium: Air

Medium parameters used: $\sigma = 0$ mho/m, $\epsilon_r = 1$; $\rho = 1$ kg/m³

Ambient Temperature: 22.5°C

Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1

Probe: AM1DV2 - 1064;

T-Coil/General Scans/z (axial) 4.2mm 50 x 50 10M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1 = 13.65 dBA/m

BWC Factor = 0.16 dB

Location: 10.8, -2.9, 3.7 mm

T-Coil/General Scans/z (axial) 4.2mm 50 x 50 10M/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: 100

Measure Window Start: 300ms

Measure Window Length: 1000ms

BWC applied: 0.16 dB

Device Reference Point: 0, 0, -6.3 mm

Cursor:

ABM1/ABM2 = 47.99 dB

ABM1 comp = 9.18 dBA/m

BWC Factor = 0.16 dB

Location: 3.8, -1.3, 3.7 mm