

Test Laboratory: Compliance Certification Services

CDMA Cell Band_with 1 kHz gain setting

DUT: Palm; Type: NA; Serial: NA

Communication System: CDMA; Frequency: 836.52 MHz; Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY4 Configuration:

- Probe: AM1DV2 - 1012; ; Calibrated: 2/9/2009

- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE3 Sn427; Calibrated: 10/20/2008

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:NA

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Point scan/z (axial) scan at point with noise/ABM SNR(x,y,z) (1x1x1):

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 38.2

Measure Window Start: 0ms

Measure Window Length: 1000ms

BWC applied: 0.169022 dB

Device Reference Point: 0.000, 0.000, -6.30 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

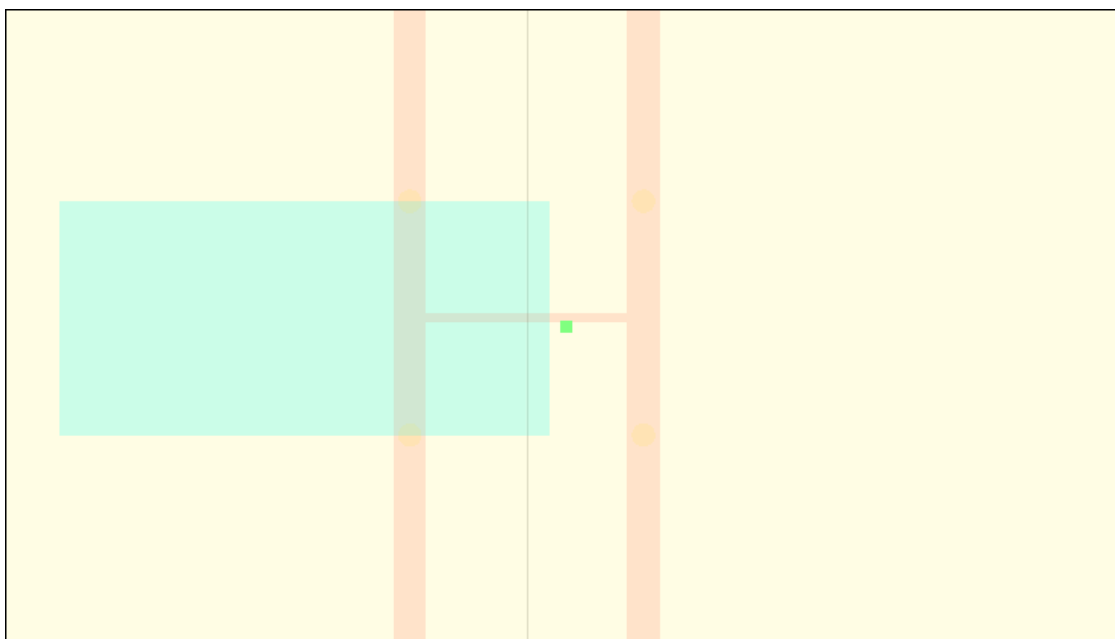
Cursor:

ABM1/ABM2 = 41.9 dB

ABM1 comp = 11.0 dB A/m

BWC Factor = 0.169022 dB

Location: -8.3, 2, 3.7 mm



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- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Point scan/x (longitudinal) scan at point with noise/ABM SNR(x,y,z) (1x1x1):

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 38.2

Measure Window Start: 0ms

Measure Window Length: 1000ms

BWC applied: 0.169022 dB

Device Reference Point: 0.000, 0.000, -6.30 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

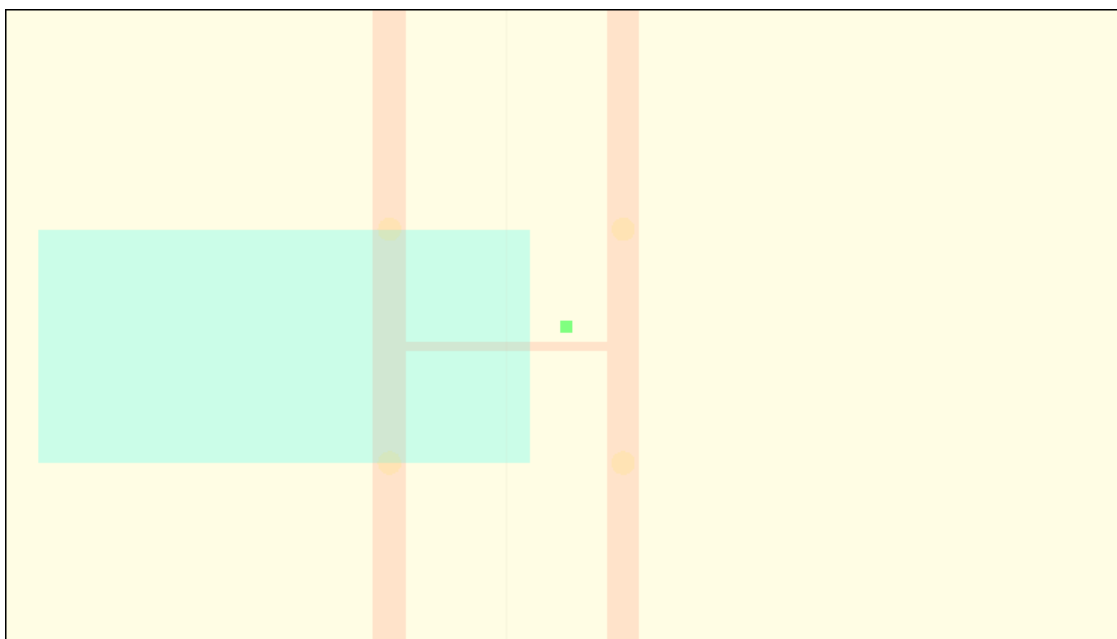
Cursor:

ABM1/ABM2 = 31.4 dB

ABM1 comp = 8.90 dB A/m

BWC Factor = 0.169022 dB

Location: -12.7, -4, 3.7 mm



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- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE3 Sn427; Calibrated: 10/20/2008

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:NA

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Point scan/y (transversal) scan at point with noise/ABM SNR(x,y,z) (1x1x1):

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 38.2

Measure Window Start: 0ms

Measure Window Length: 1000ms

BWC applied: 0.169022 dB

Device Reference Point: 0.000, 0.000, -6.30 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

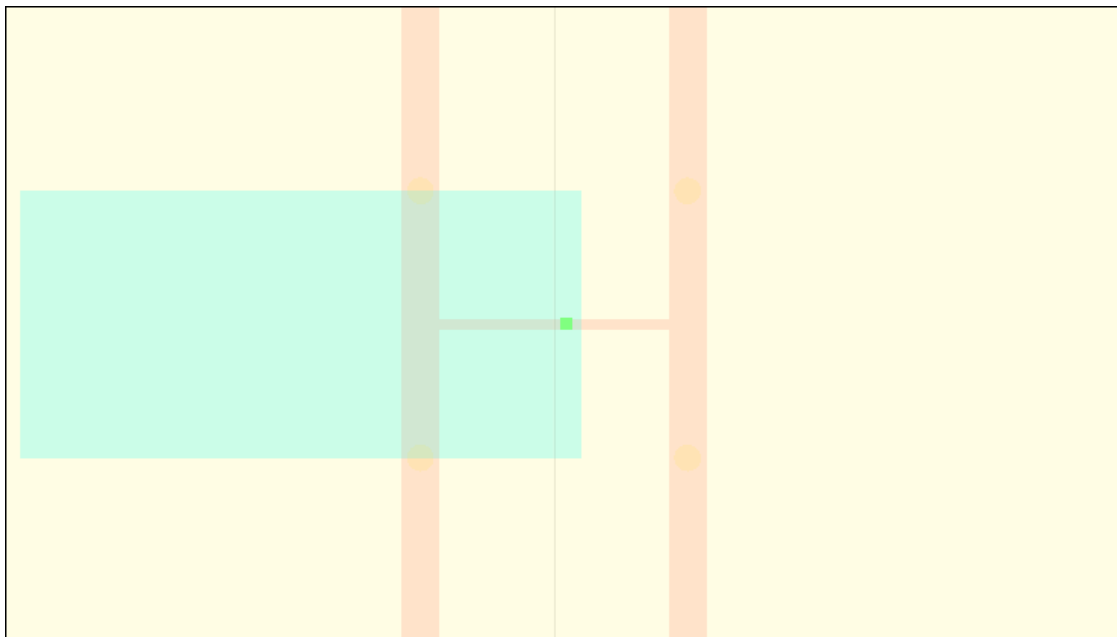
Cursor:

ABM1/ABM2 = 46.0 dB

ABM1 comp = -3.68 dB A/m

BWC Factor = 0.169022 dB

Location: -2.2, 0, 3.7 mm



Test Laboratory: Compliance Certification Services

CDMA Cell Band_with 1 kHz gain setting_inductive cover

DUT: Palm; Type: NA; Serial: NA

Communication System: CDMA; Frequency: 836.52 MHz;Duty Cycle: 1:1

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

Phantom section: TCoil Section

DASY4 Configuration:

- Probe: AM1DV2 - 1012; ; Calibrated: 2/9/2009

- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE3 Sn427; Calibrated: 10/20/2008

- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA; Serial:NA

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Point scan/z (axial) scan at point with noise/ABM SNR(x,y,z) (1x1x1):

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 38.2

Measure Window Start: 0ms

Measure Window Length: 1000ms

BWC applied: 0.163995 dB

Device Reference Point: 0.000, 0.000, -6.30 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

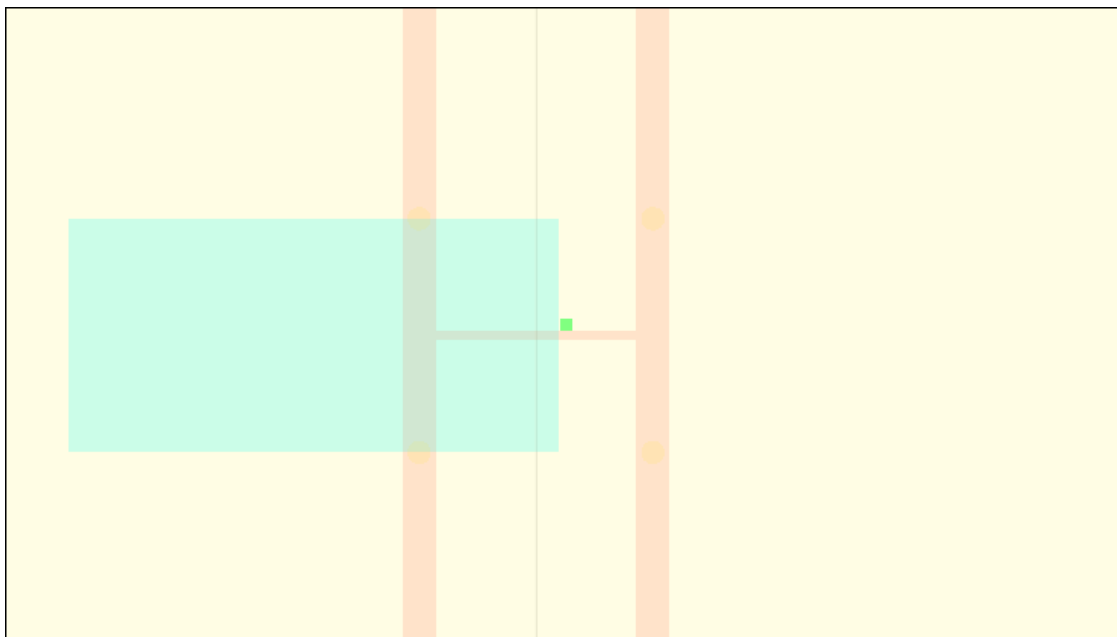
Cursor:

ABM1/ABM2 = 43.5 dB

ABM1 comp = 13.7 dB A/m

BWC Factor = 0.163995 dB

Location: -6.3, -2.2, 3.7 mm



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Phantom section: TCoil Section

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- Sensor-Surface: 0mm (Fix Surface)

- Electronics: DAE3 Sn427; Calibrated: 10/20/2008

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- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Point scan/x (longitudinal) scan at point with noise/ABM SNR(x,y,z) (1x1x1):

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 38.2

Measure Window Start: 0ms

Measure Window Length: 1000ms

BWC applied: 0.163995 dB

Device Reference Point: 0.000, 0.000, -6.30 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

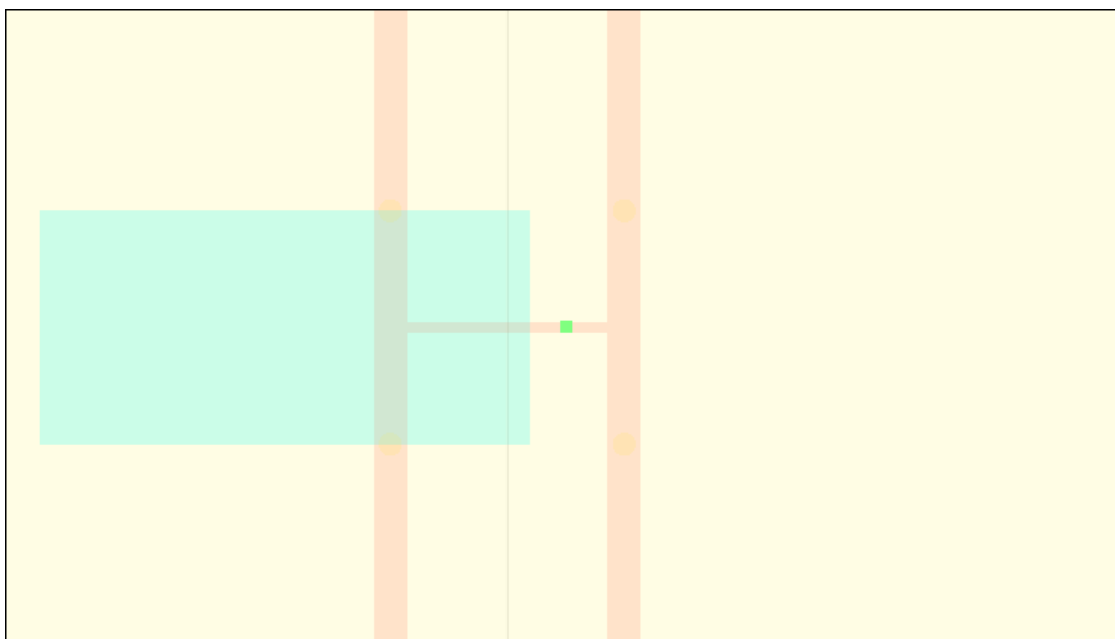
Cursor:

ABM1/ABM2 = 30.8 dB

ABM1 comp = 8.29 dB A/m

BWC Factor = 0.163995 dB

Location: -12.5, 0, 3.7 mm



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Point scan/y (transversal) scan at point with noise/ABM SNR(x,y,z) (1x1x1):

Measurement grid: dx=10mm, dy=10mm

Signal Type: Audio File (.wav) 48k_voice_1kHz_1s.wav

Output Gain: 38.2

Measure Window Start: 0ms

Measure Window Length: 1000ms

BWC applied: 0.163995 dB

Device Reference Point: 0.000, 0.000, -6.30 mm

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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:

ABM1/ABM2 = 49.3 dB

ABM1 comp = 4.62 dB A/m

BWC Factor = 0.163995 dB

Location: -0.2, 2.2, 3.7 mm

