

Prüfbericht - Nr.: 17002467 001
Test Report No.

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Appendix F

Frequency Stability Measurements

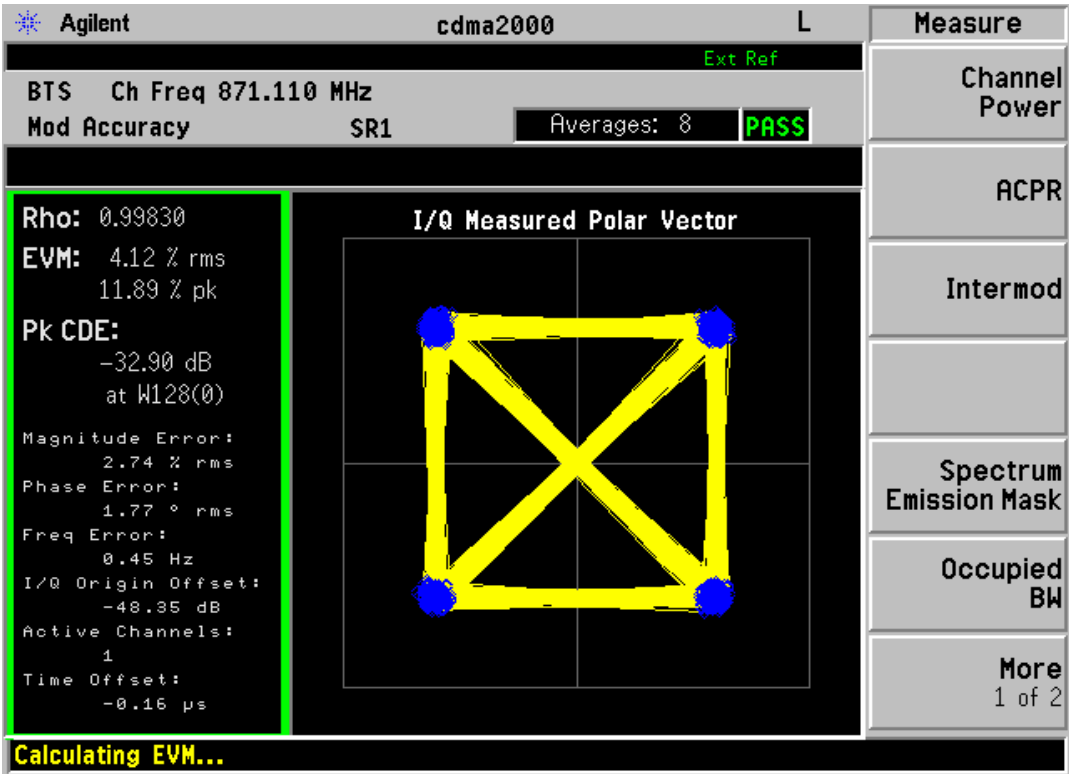
According to CFR 47 (FCC) part 2.1055

Frequency Stability versus Voltage

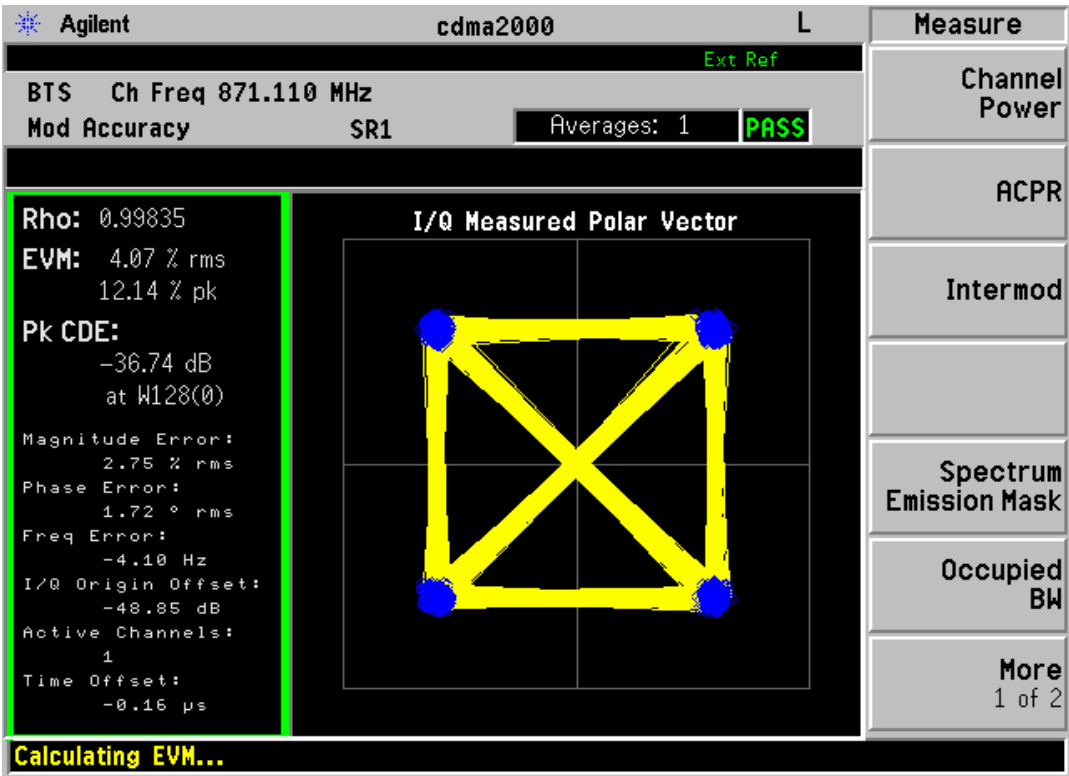
1. AC POWER TEST RESULT

TRX1: Channel No. 37(871.11MHz)

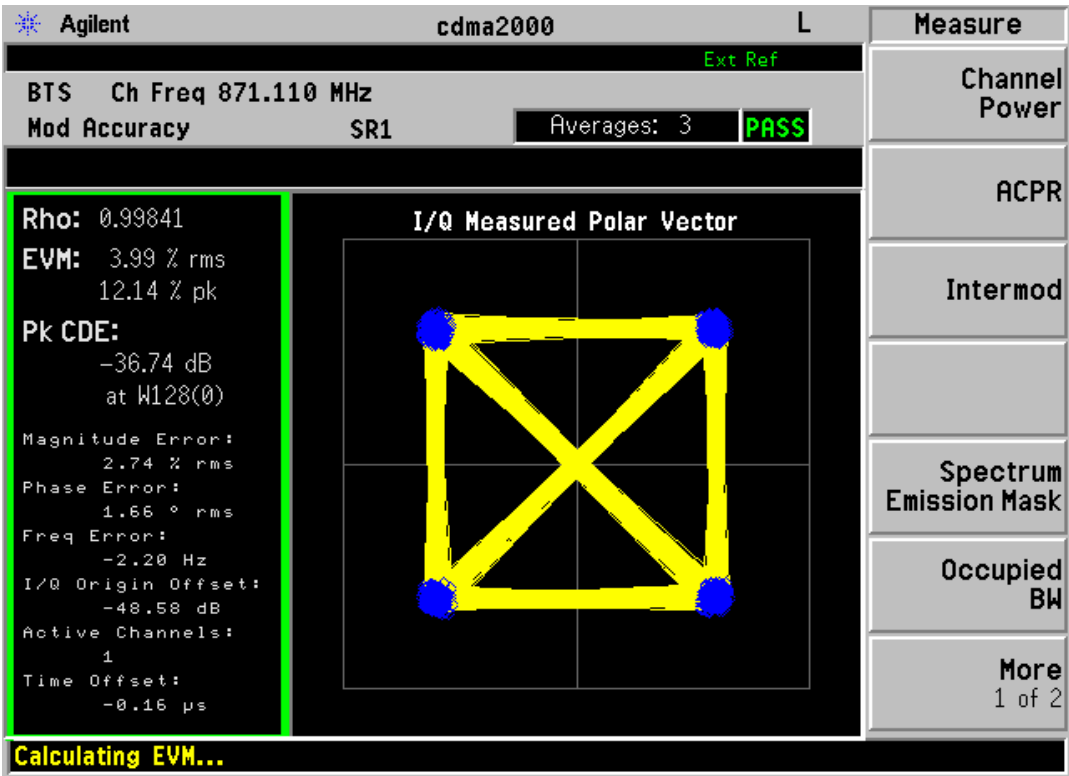
Voltage= 170V



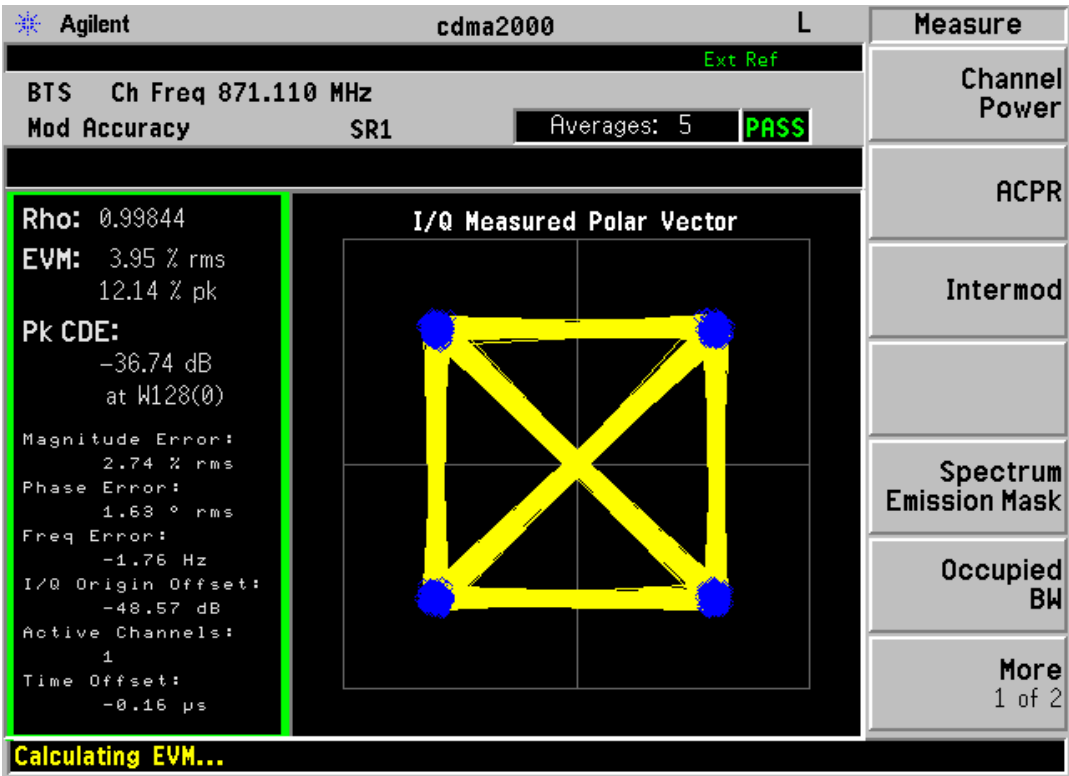
Voltage= 200V



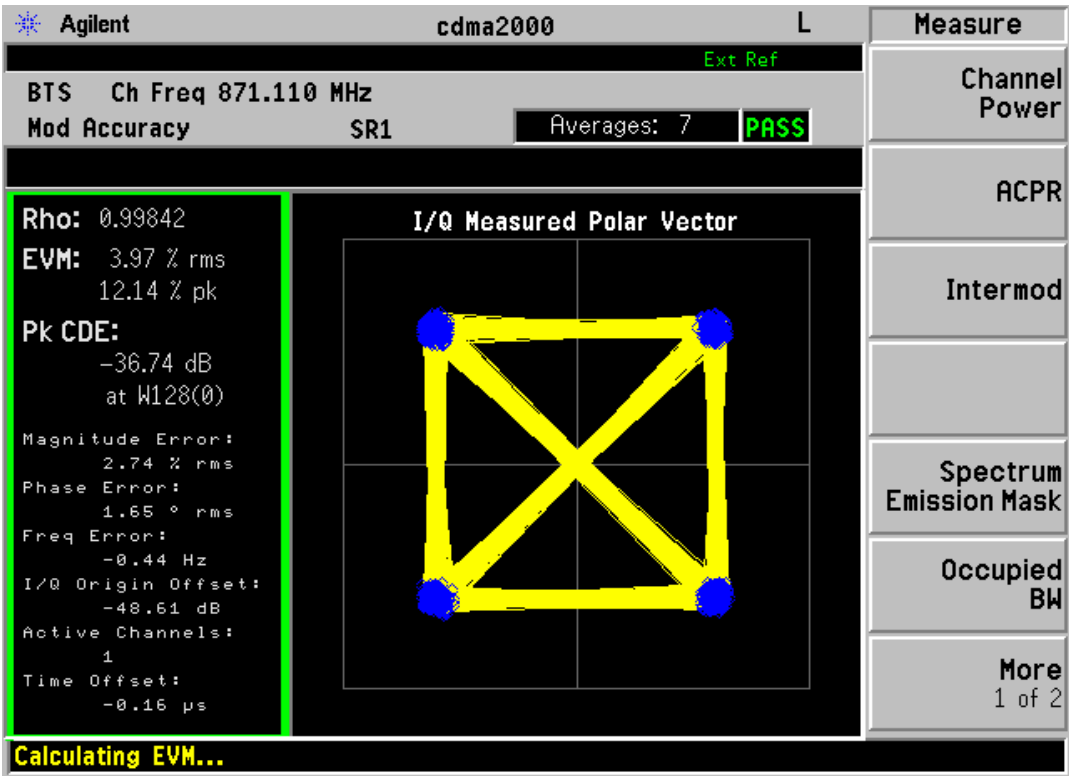
Voltage= 230V



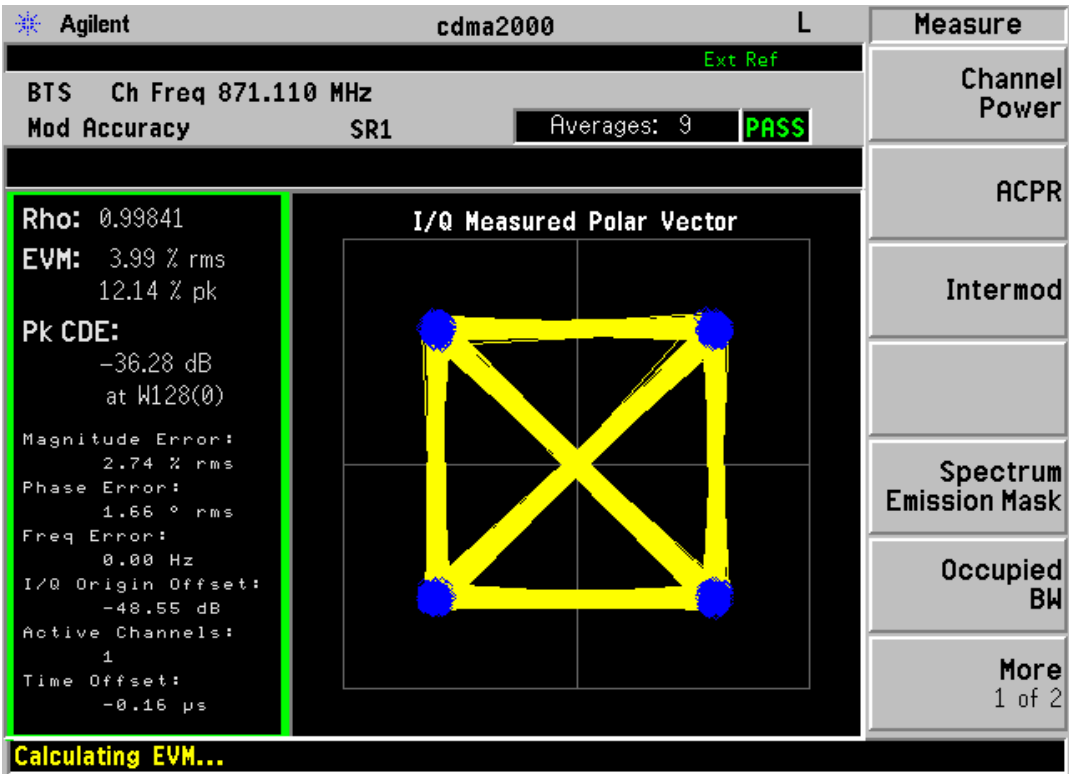
Voltage= 204V



Voltage= 240V



Voltage= 276V

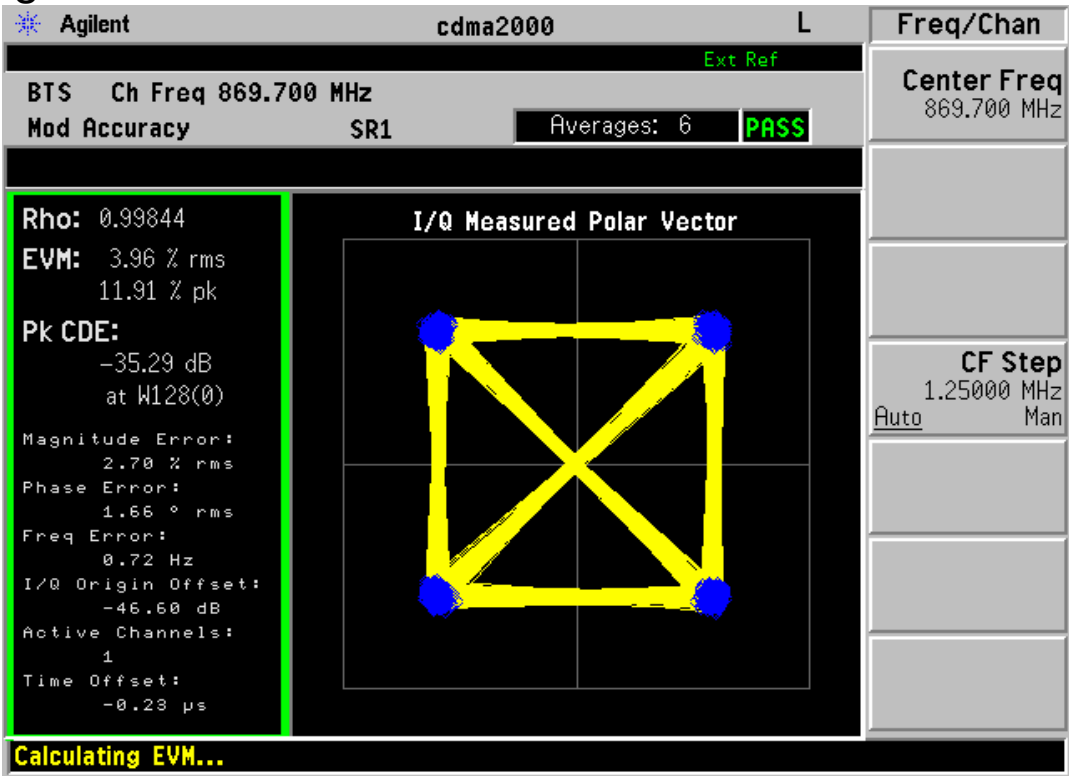


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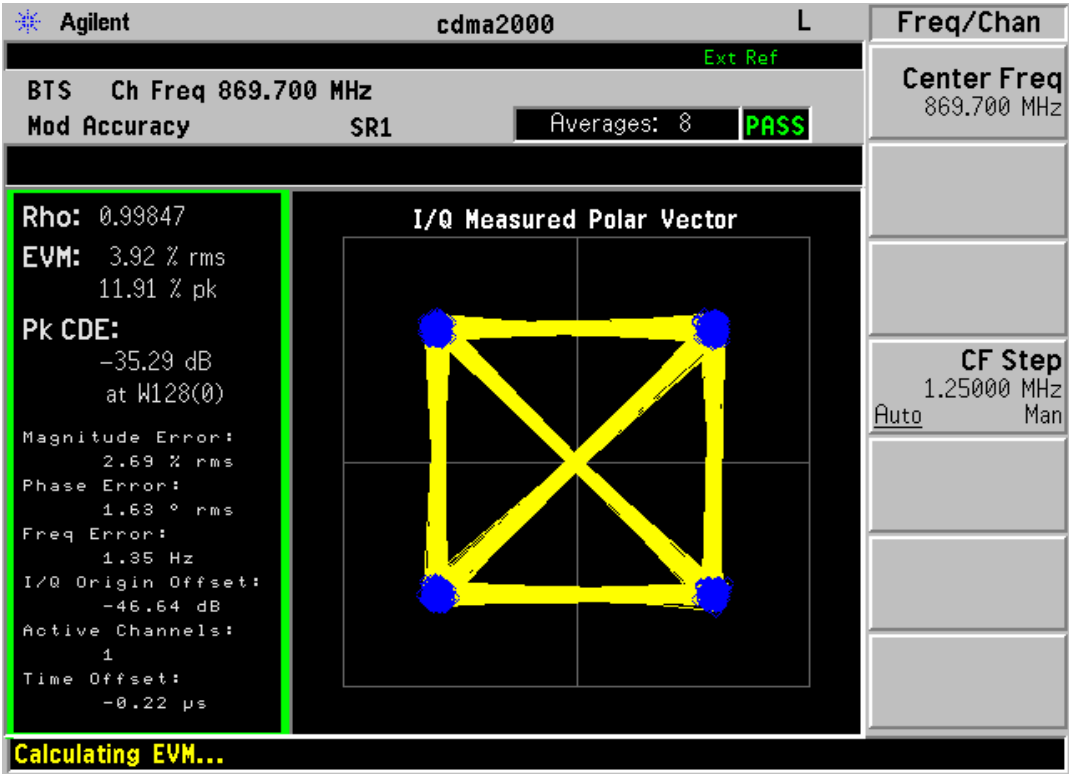
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TRX2: Channel No. 1013(869.7MHz)

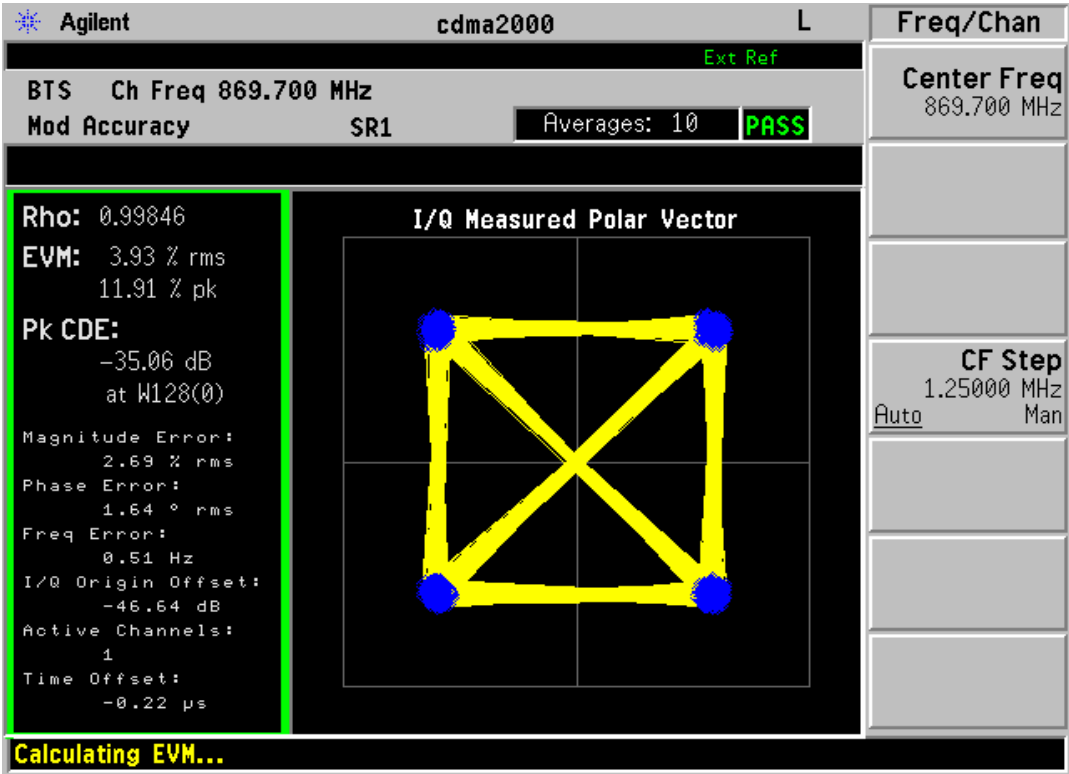
Voltage= 170V



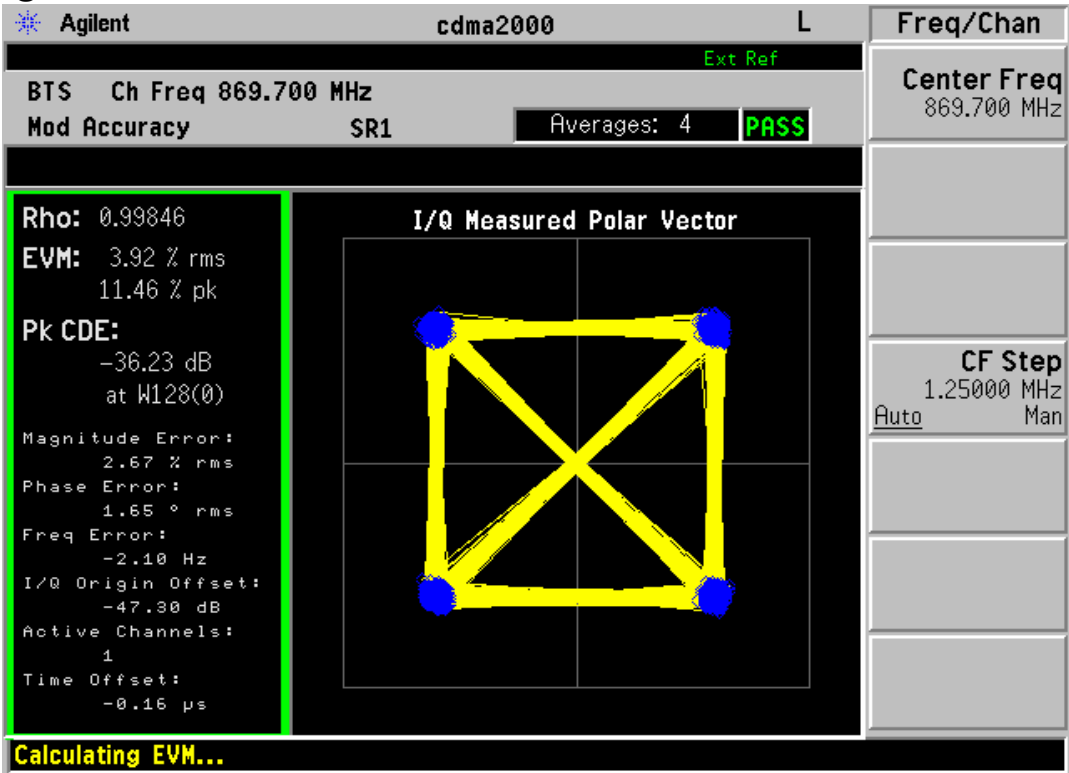
Voltage= 200V



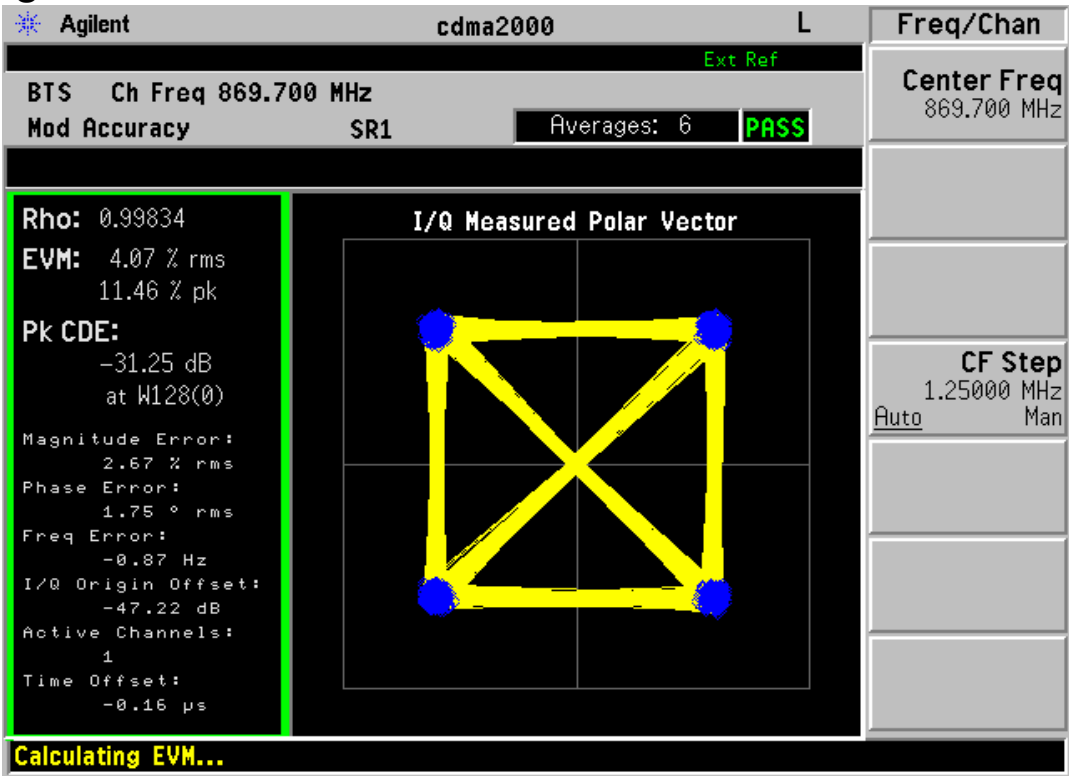
Voltage= 230V



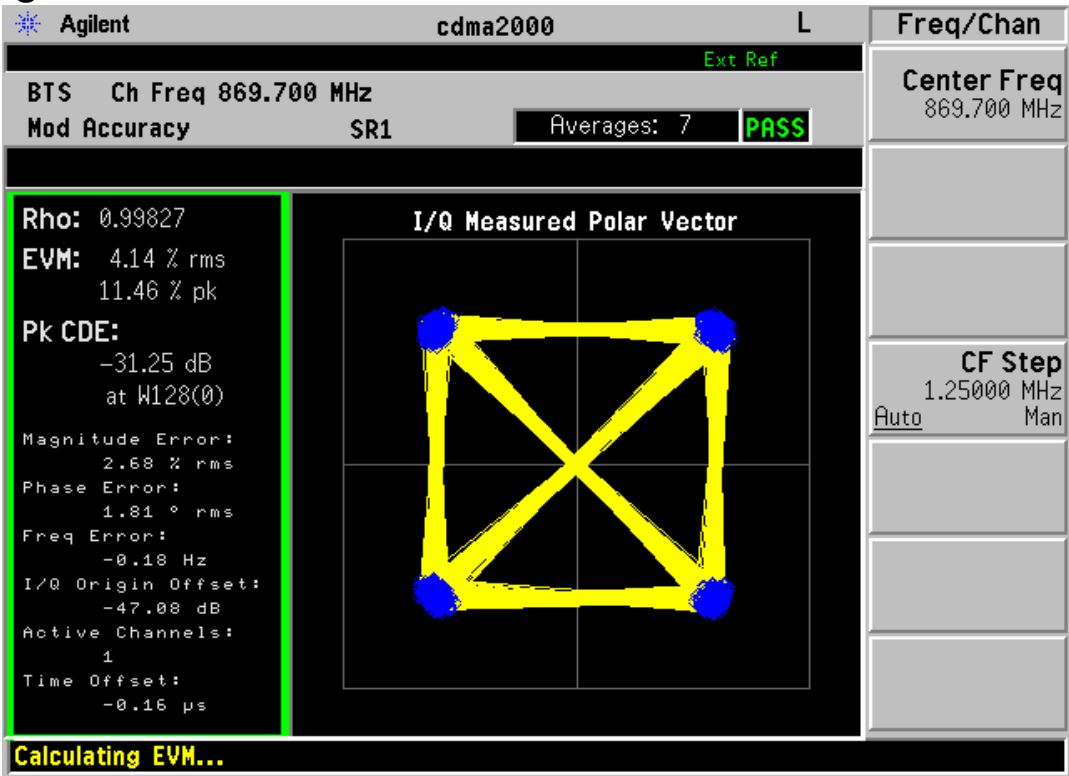
Voltage= 204V



Voltage= 240V



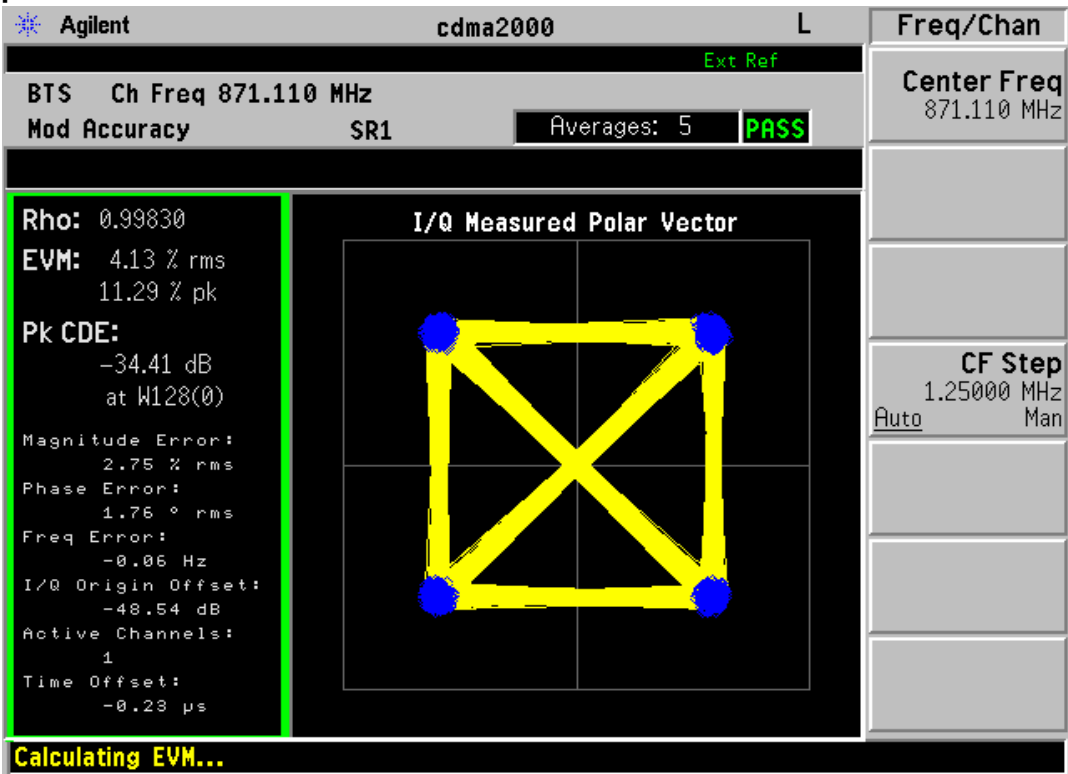
Voltage= 276V



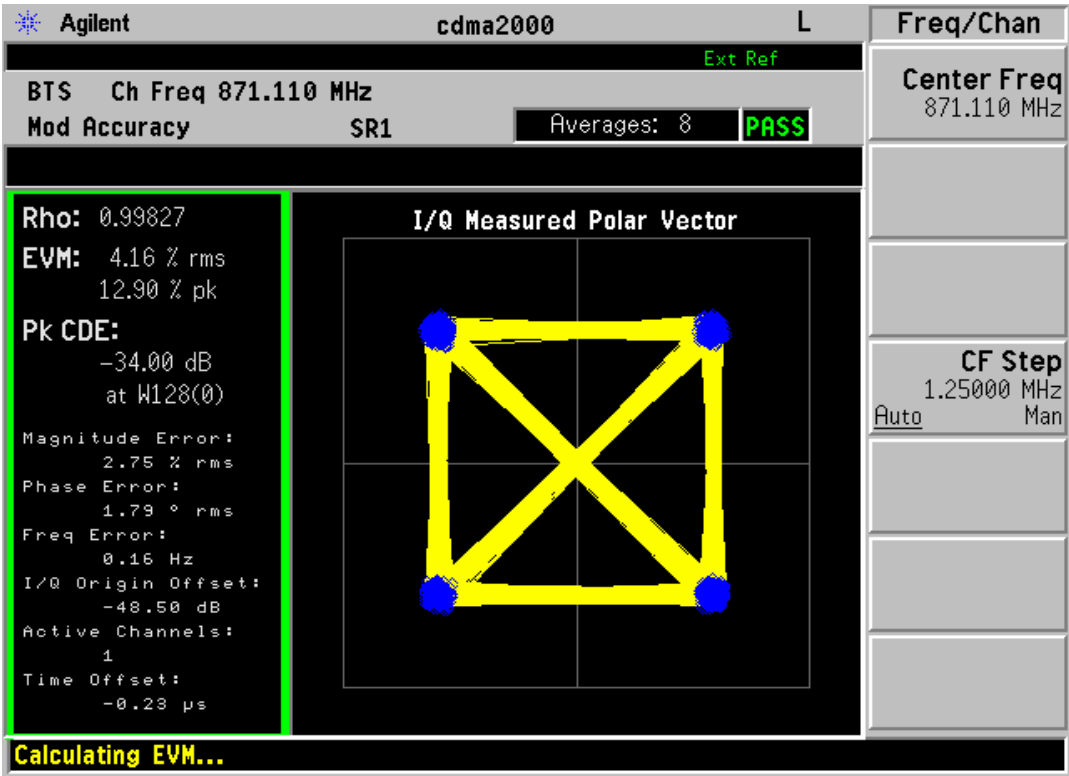
Frequency Stability versus Temperature

TRX1: Channel No. 37(871.11MHz)

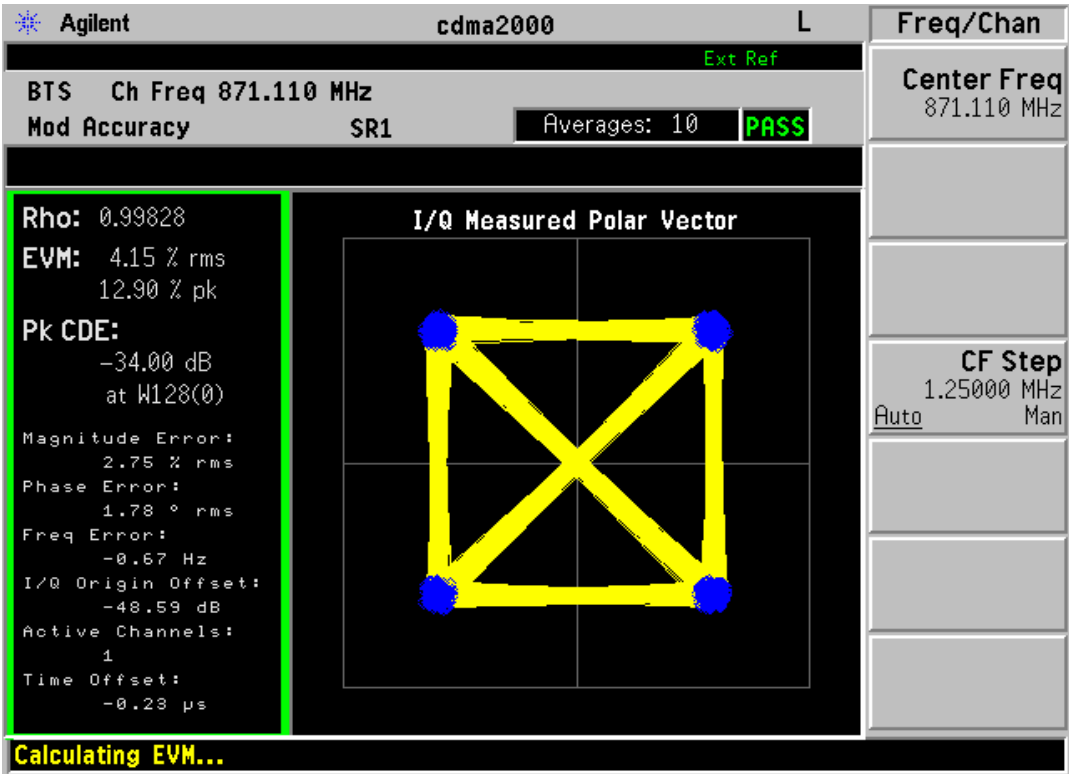
Temperature = - 30°C



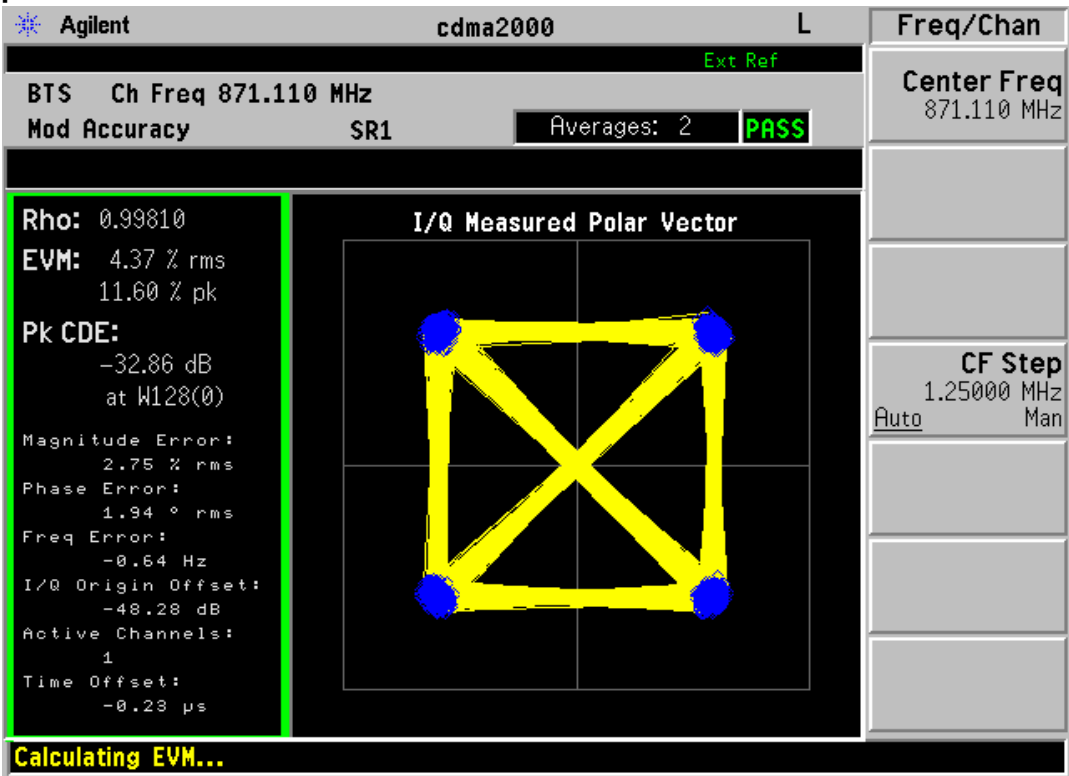
Temperature = - 20°C



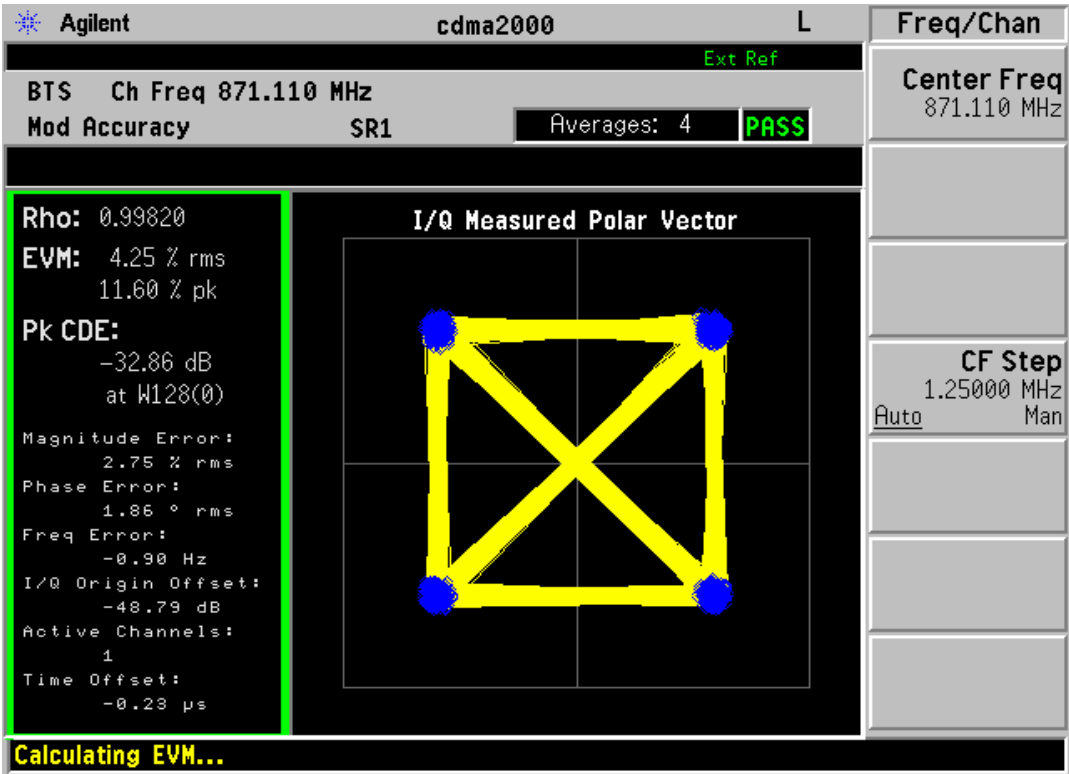
Temperature = - 10°C



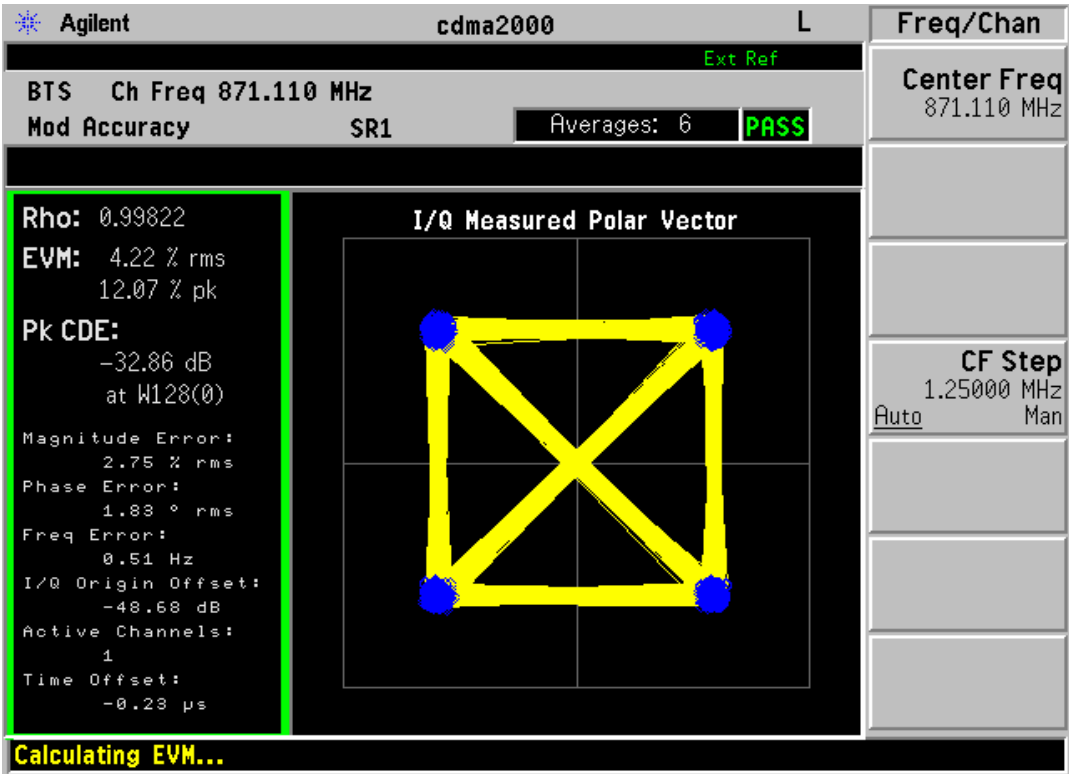
Temperature = 0°C



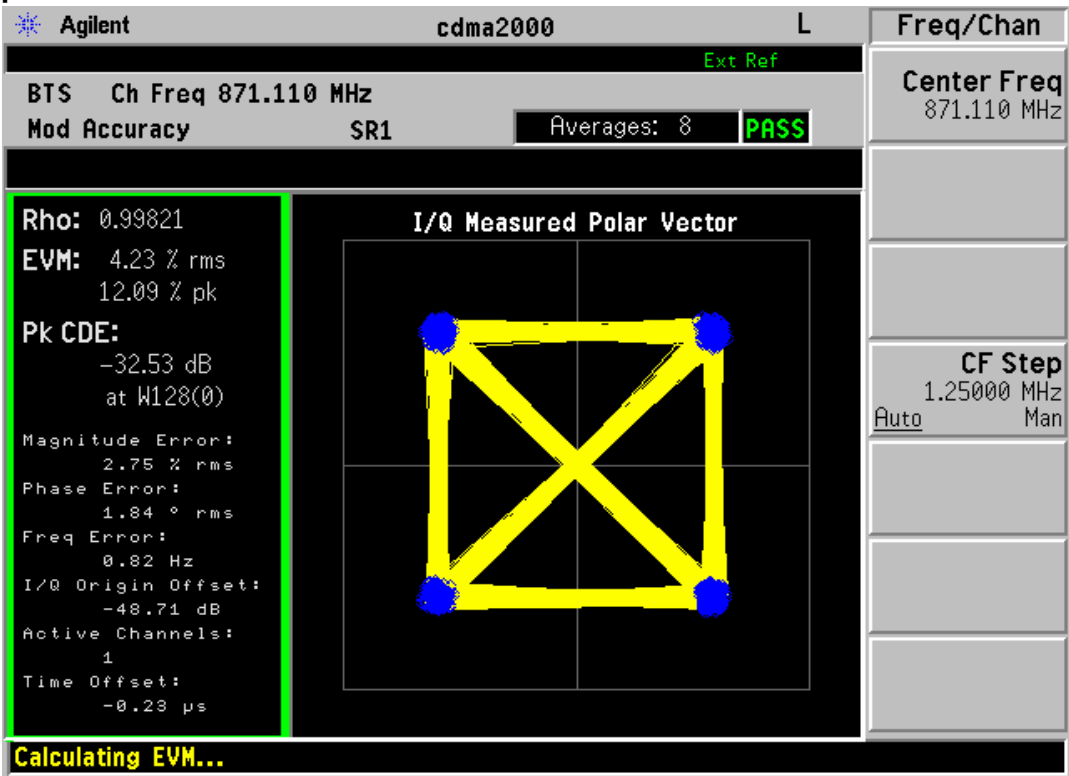
Temperature = 10°C



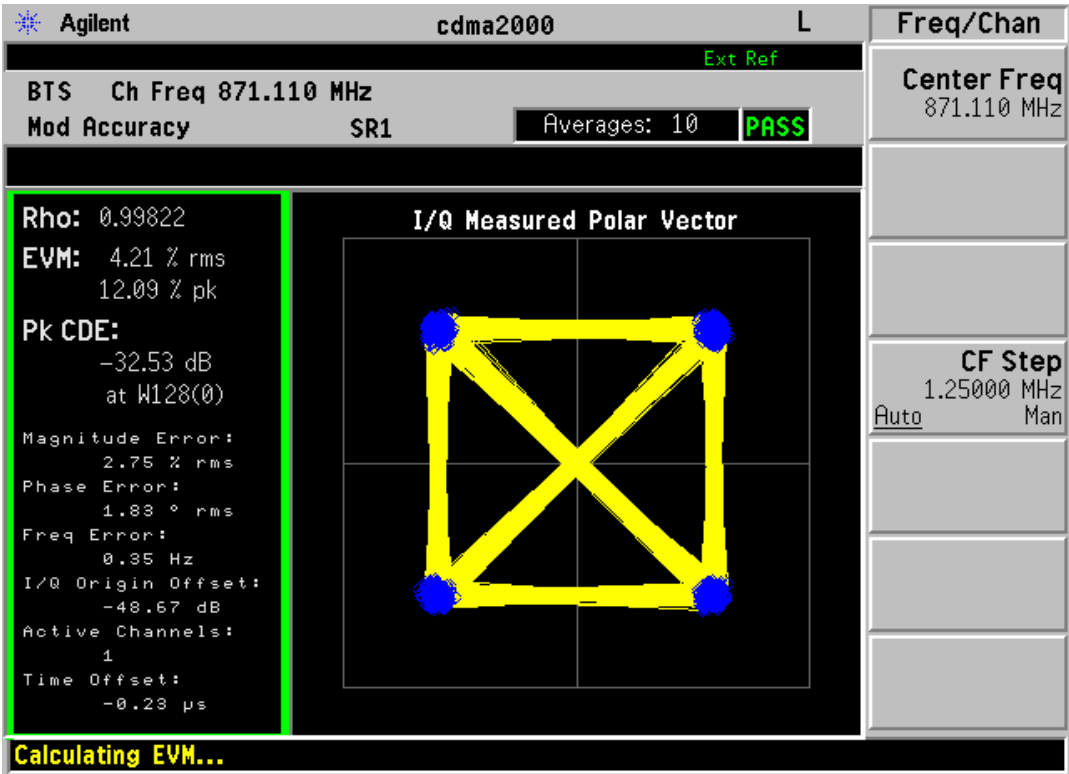
Temperature = 20°C



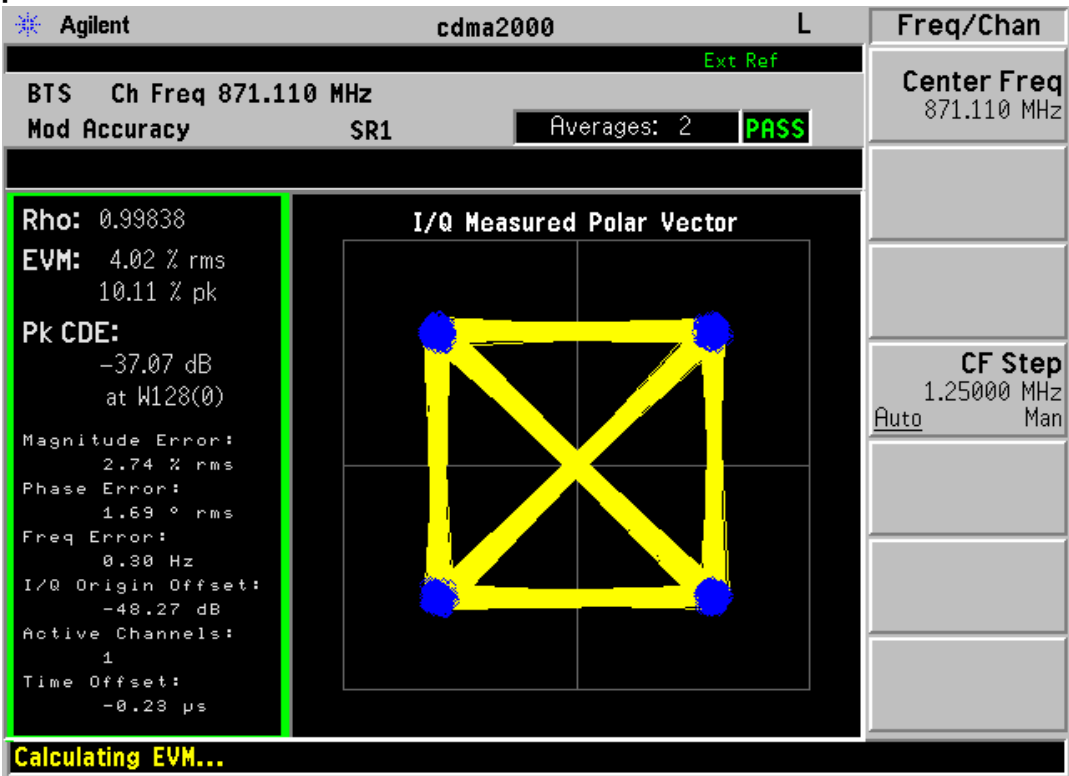
Temperature = 30°C



Temperature = 40°C



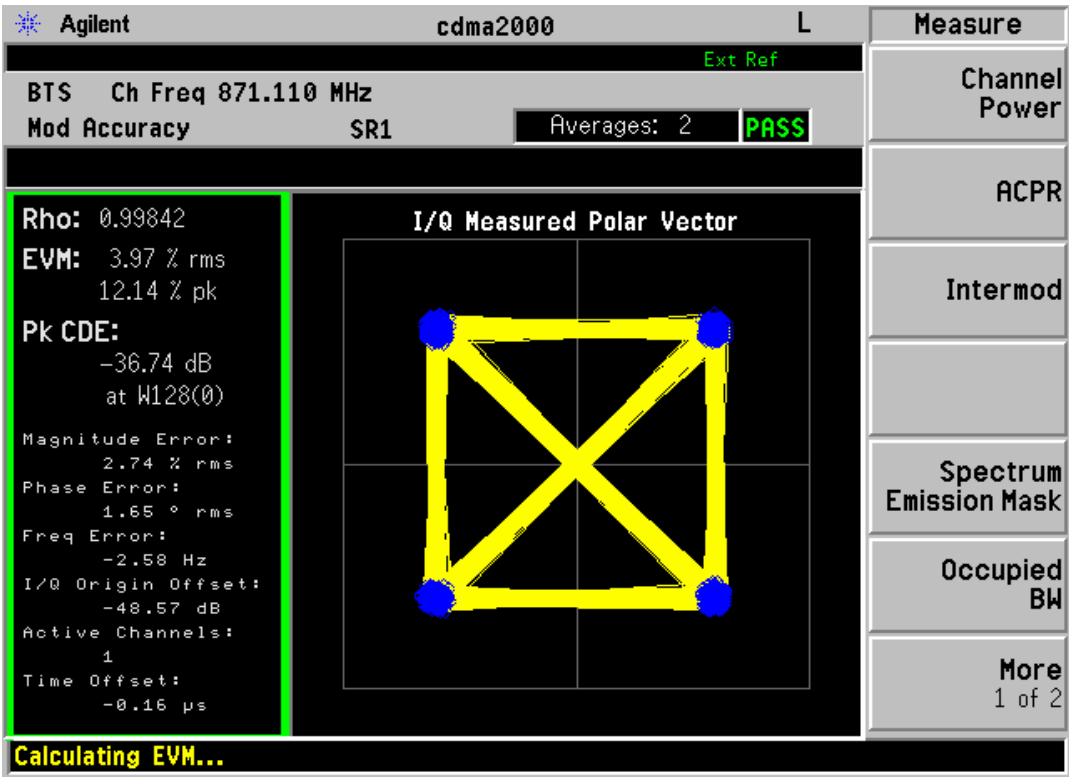
Temperature = 50°C



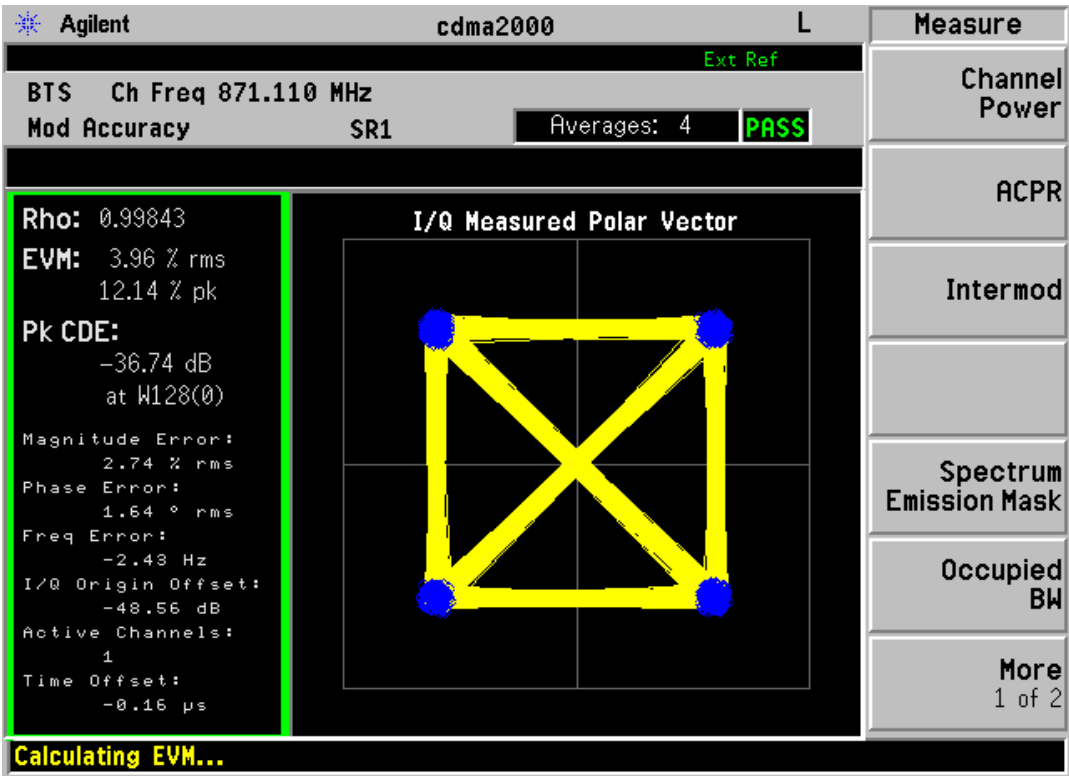
2. DC POWER TEST RESULT

TRX1: Channel No. 37(871.11MHz)

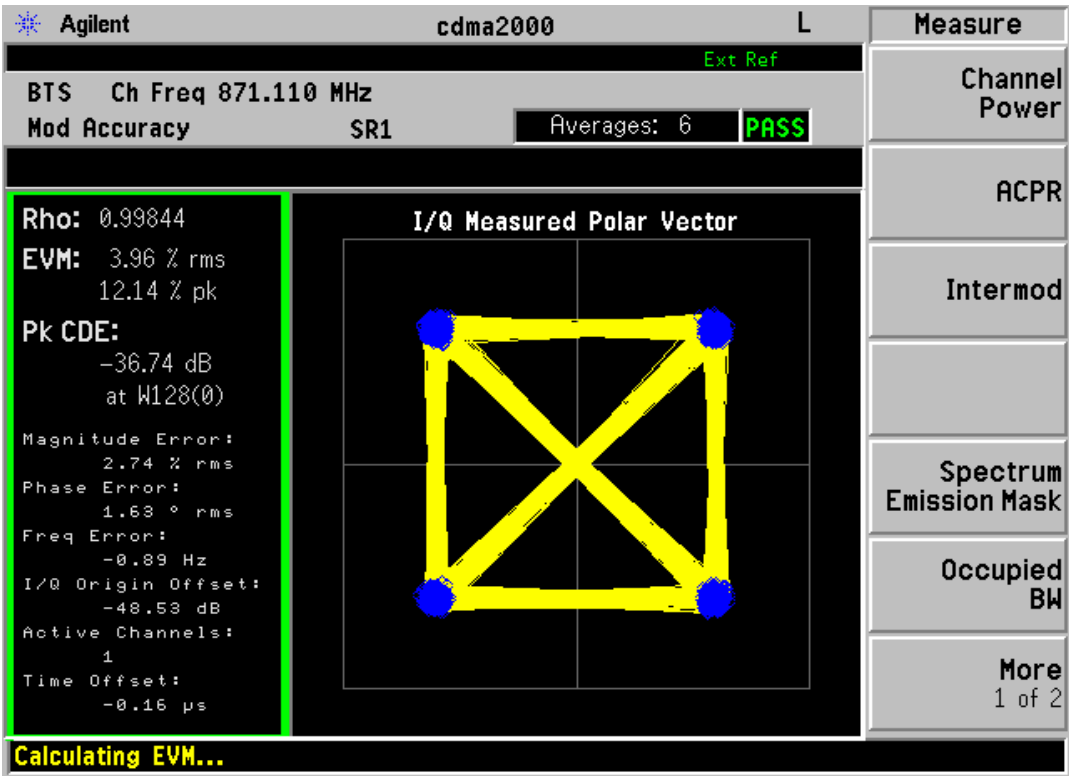
Voltage= -38.4V



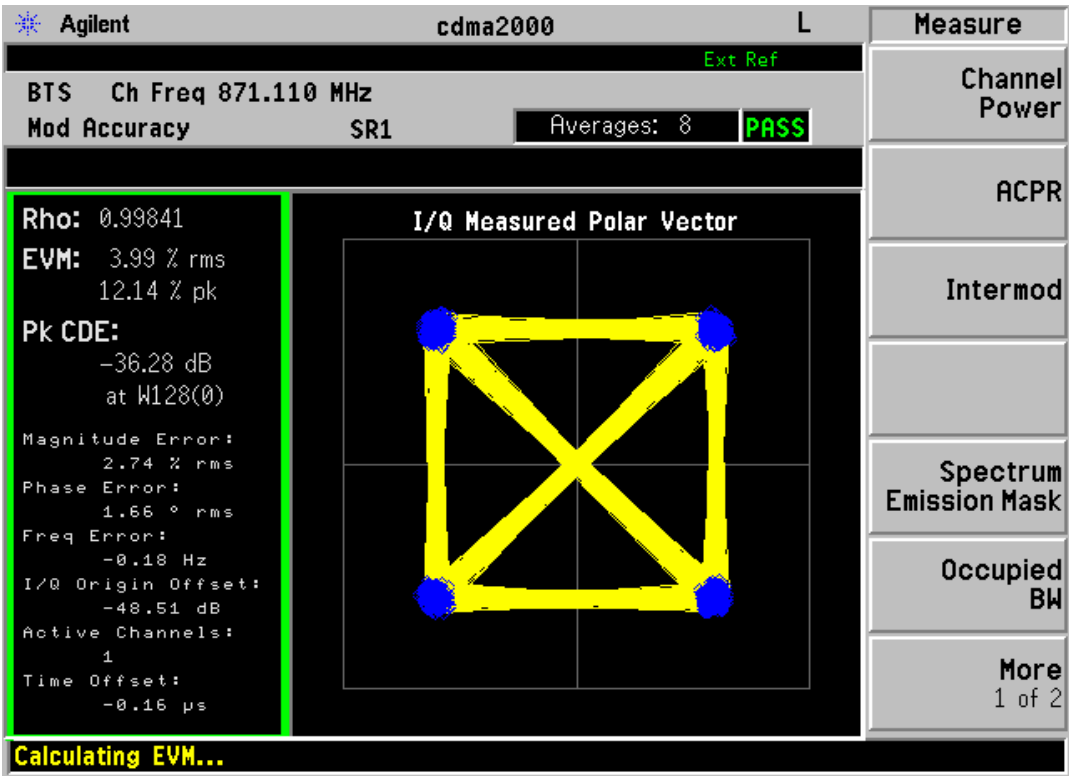
Voltage= -43.2V



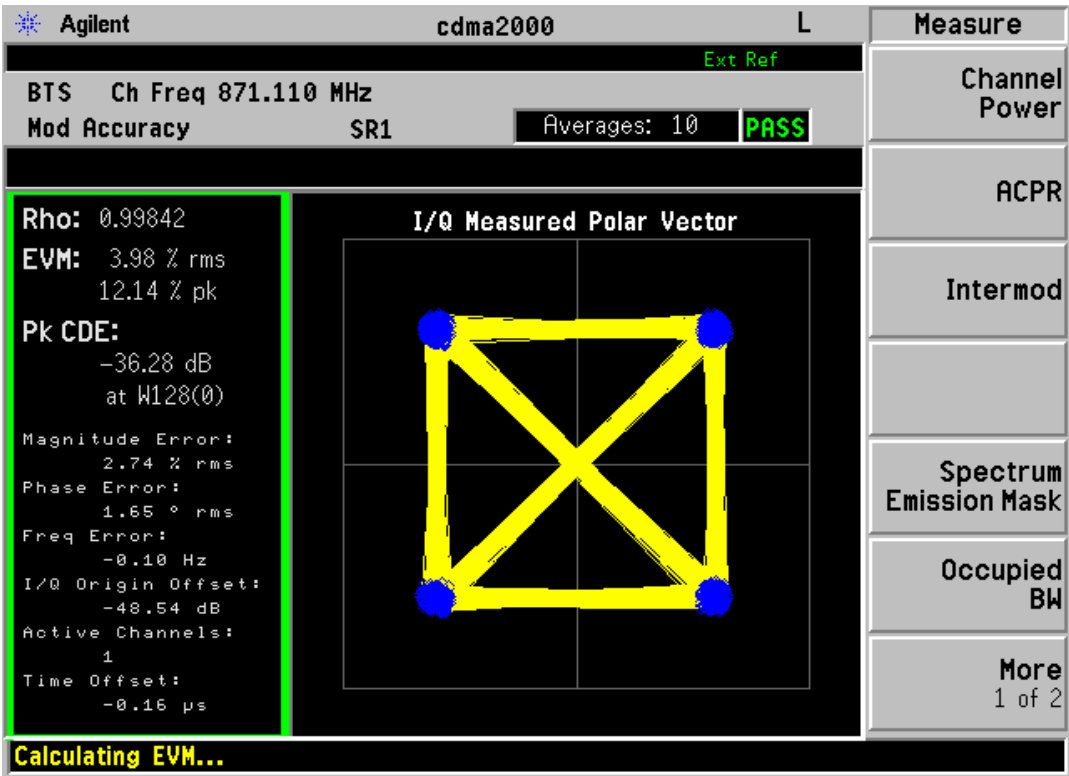
Voltage= -48V



Voltage= -52.8V

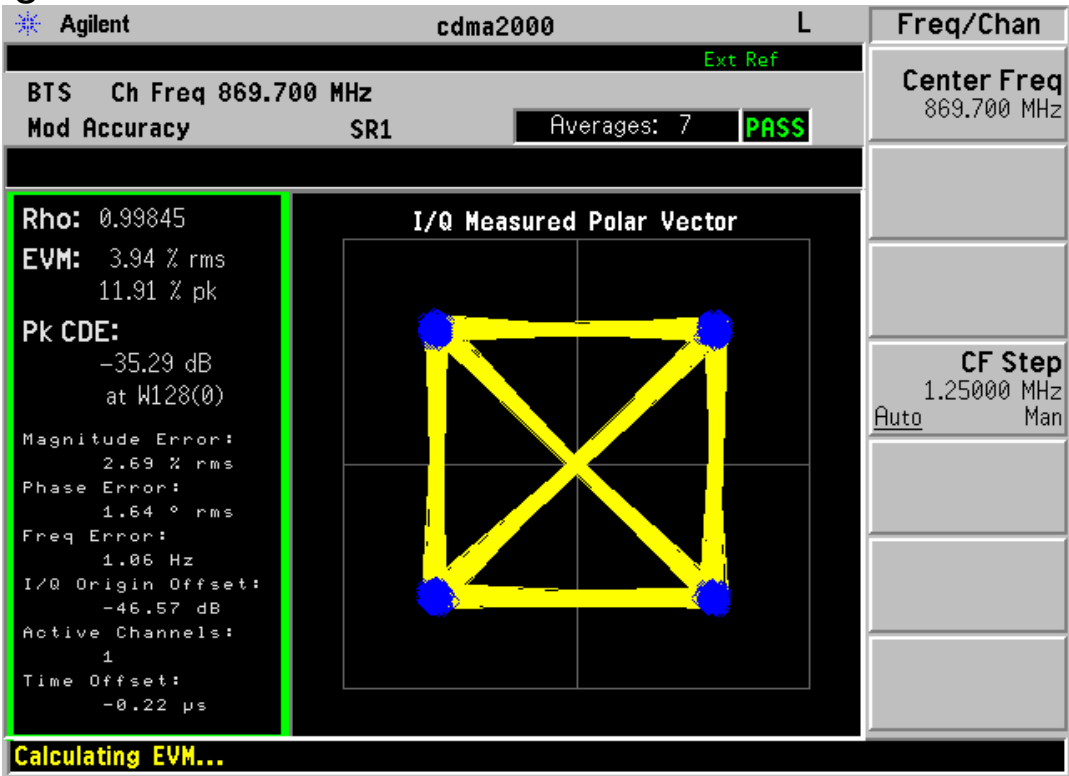


Voltage= -57.6V

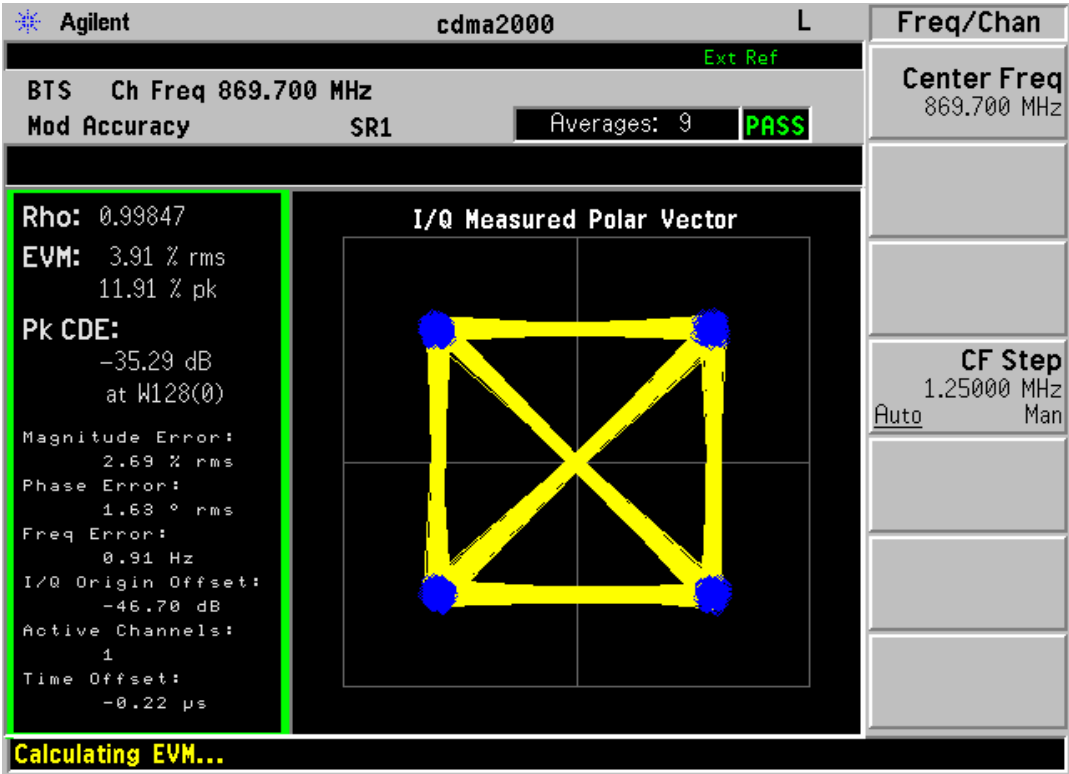


TRX2: Channel No. 1013(869.7MHz)

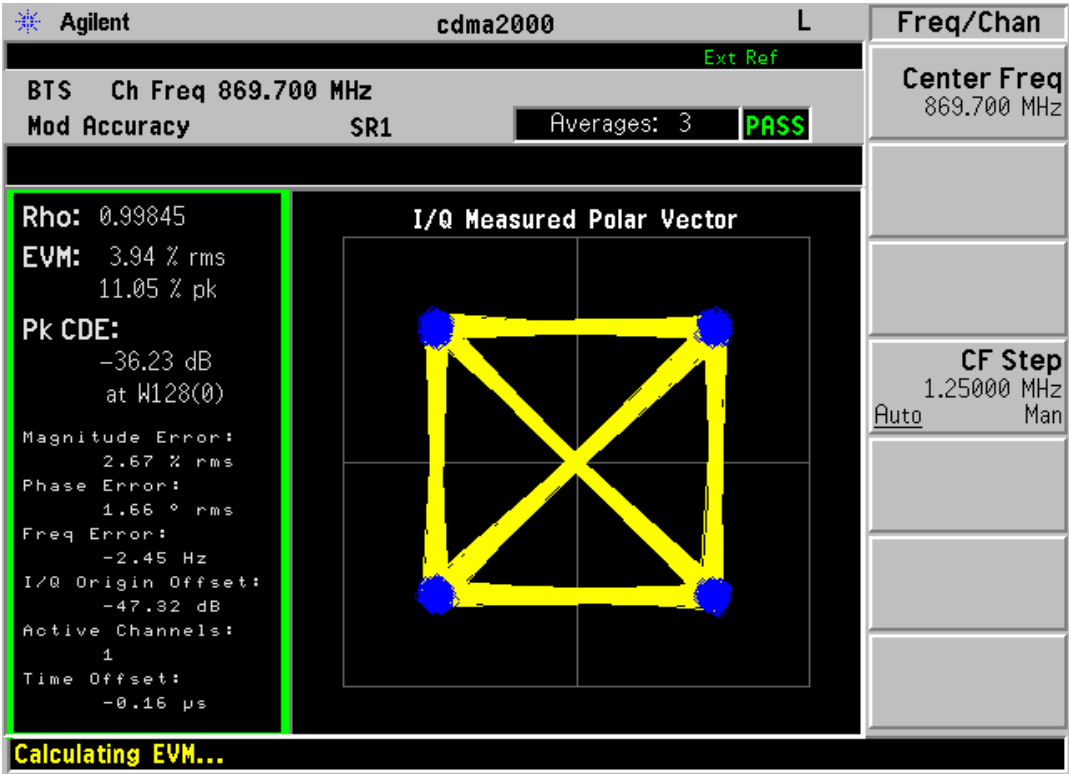
Voltage= -38.4V



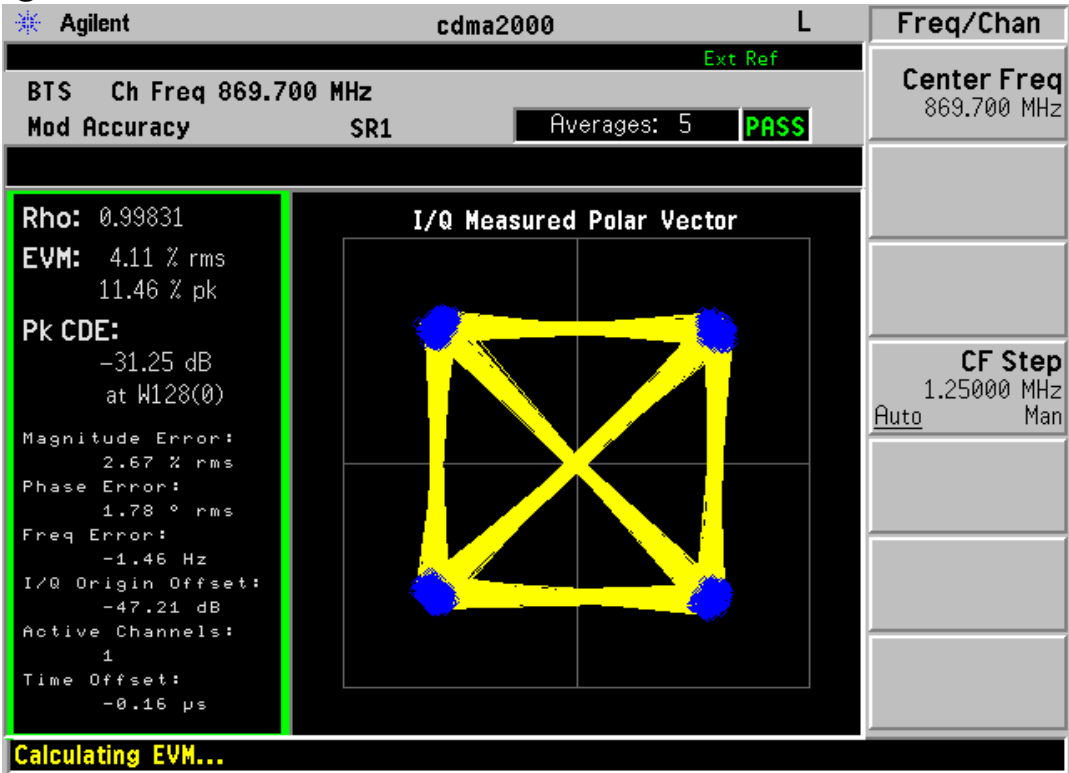
Voltage= -43.2V



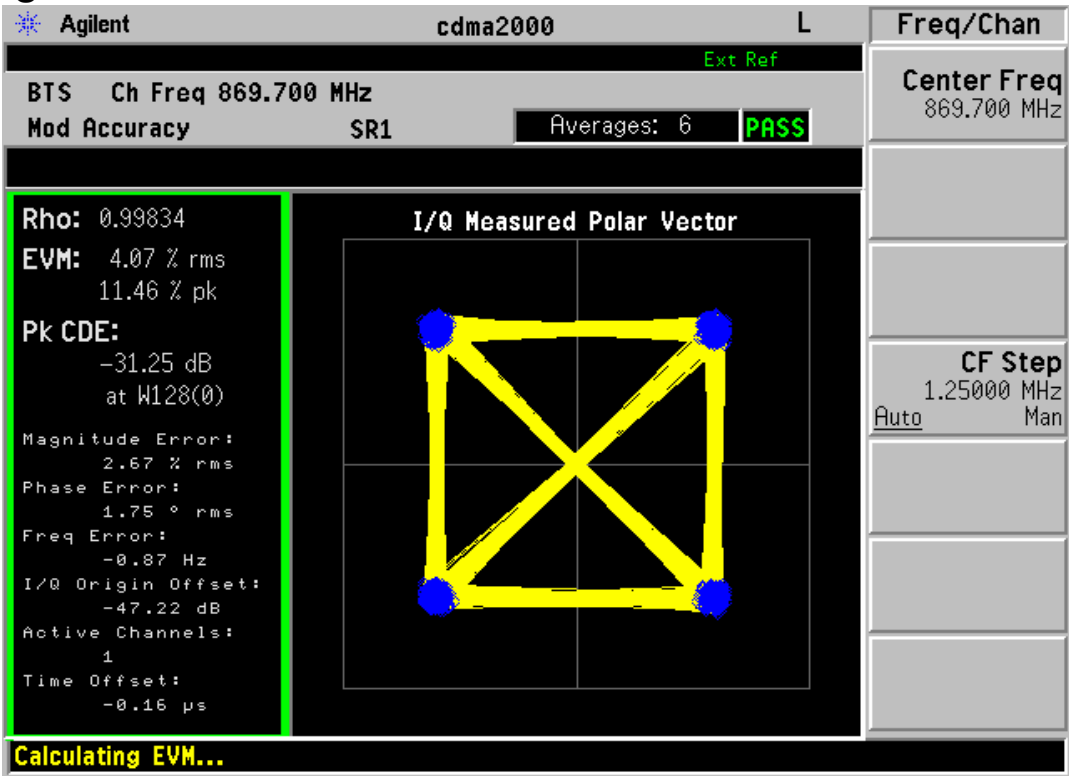
Voltage= -48V



Voltage= -52.8V



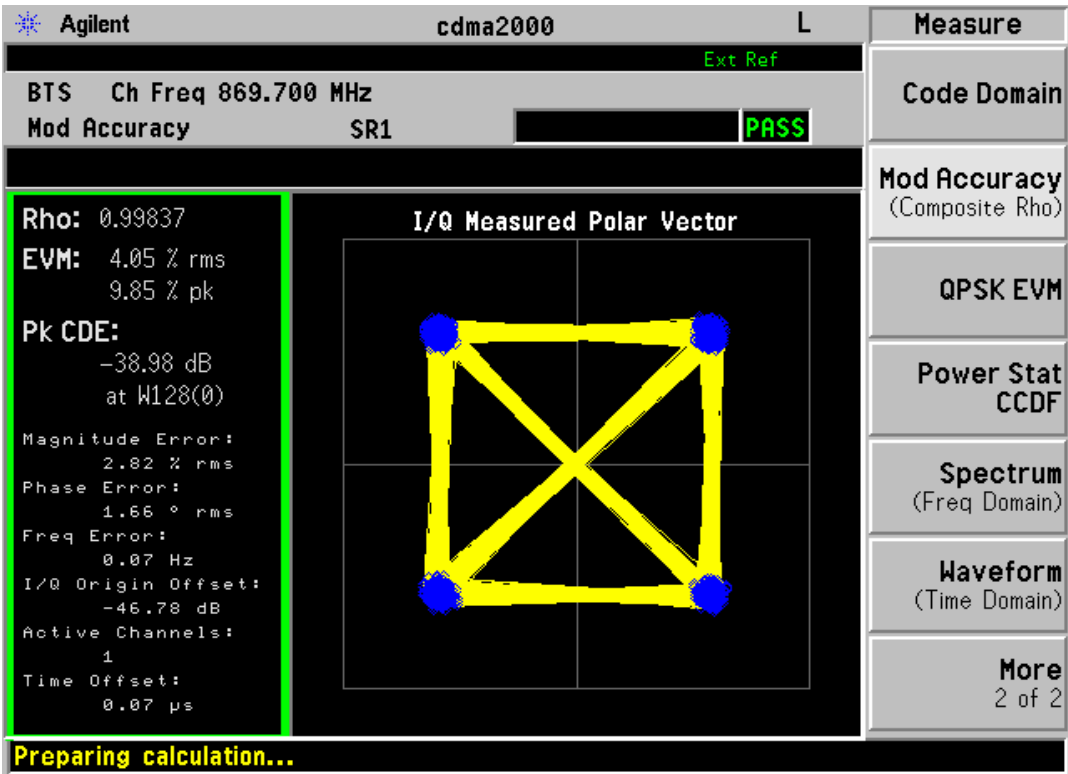
Voltage= -57.6V



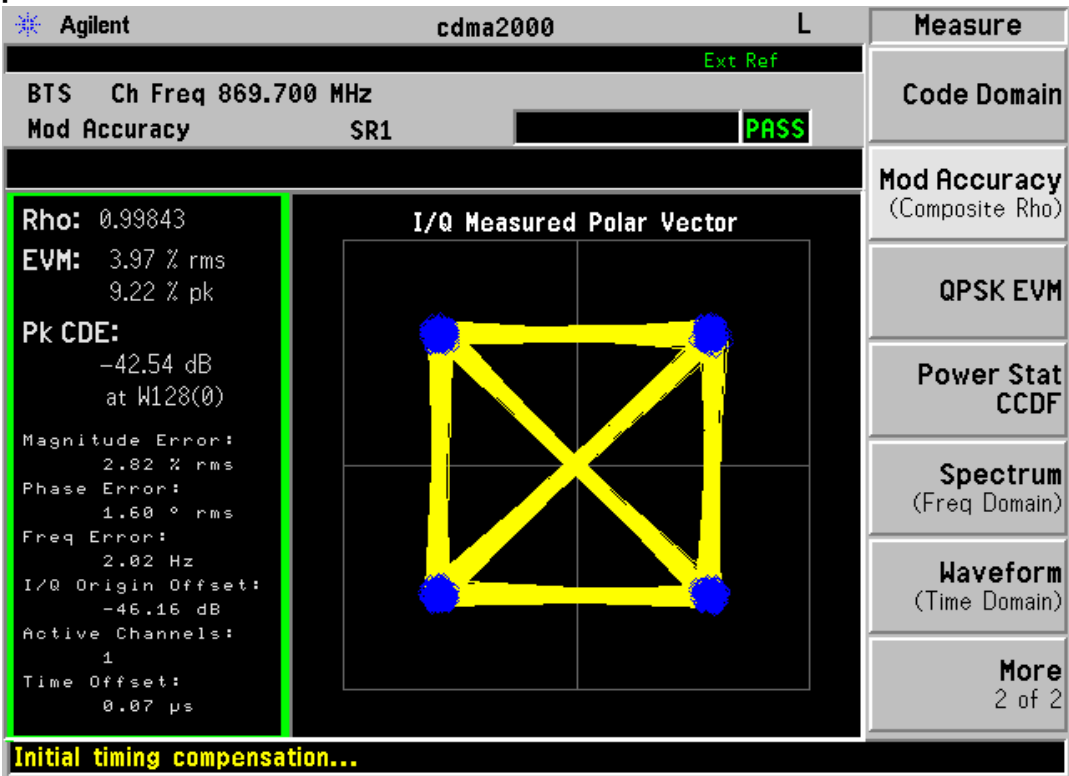
Frequency Stability versus Temperature

TRX1: Channel No. 1013(869.7MHz)

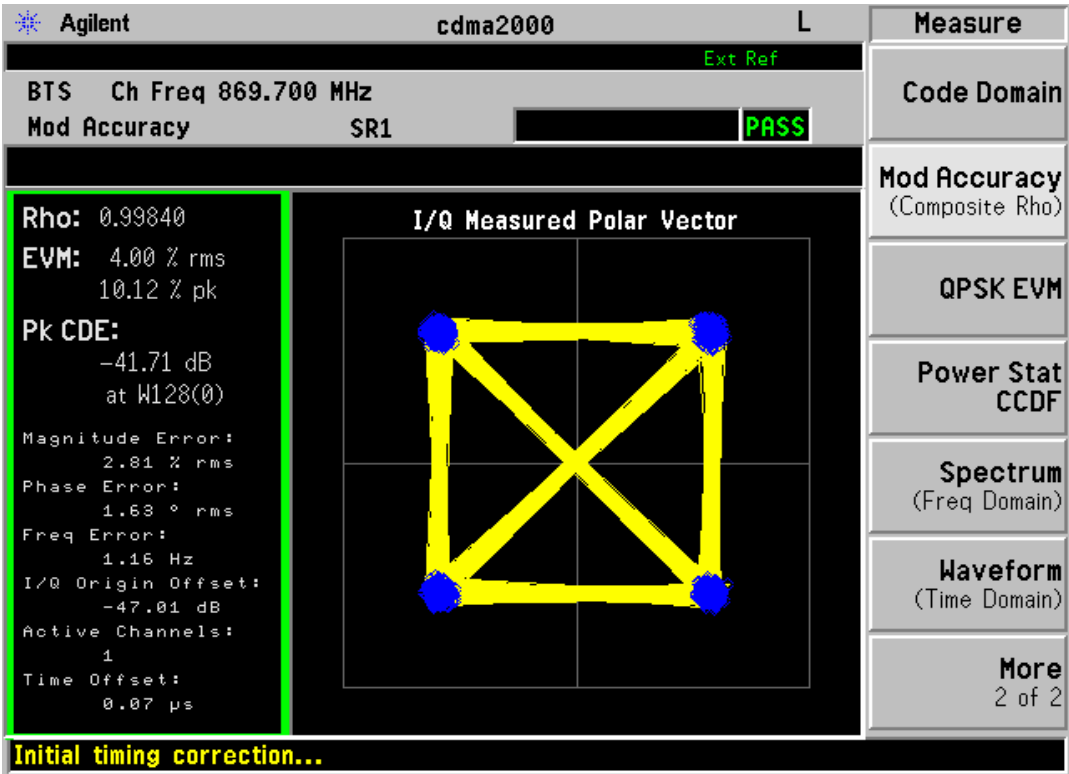
Temperature = - 30°C



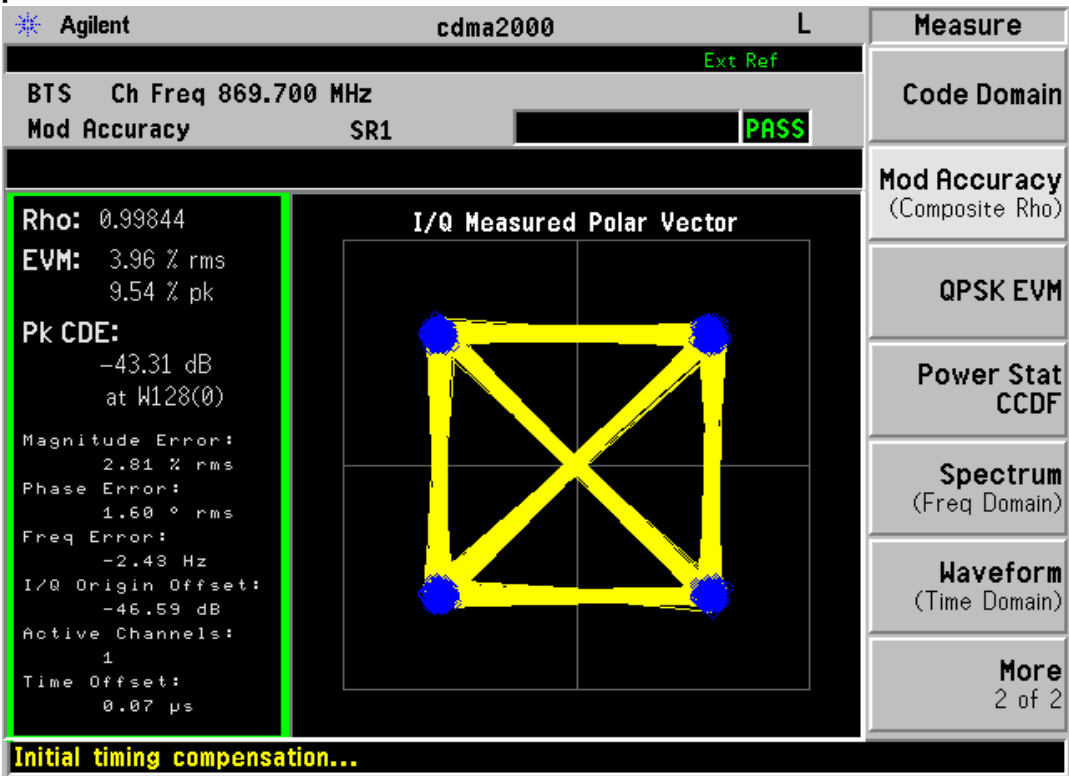
Temperature = - 20°C



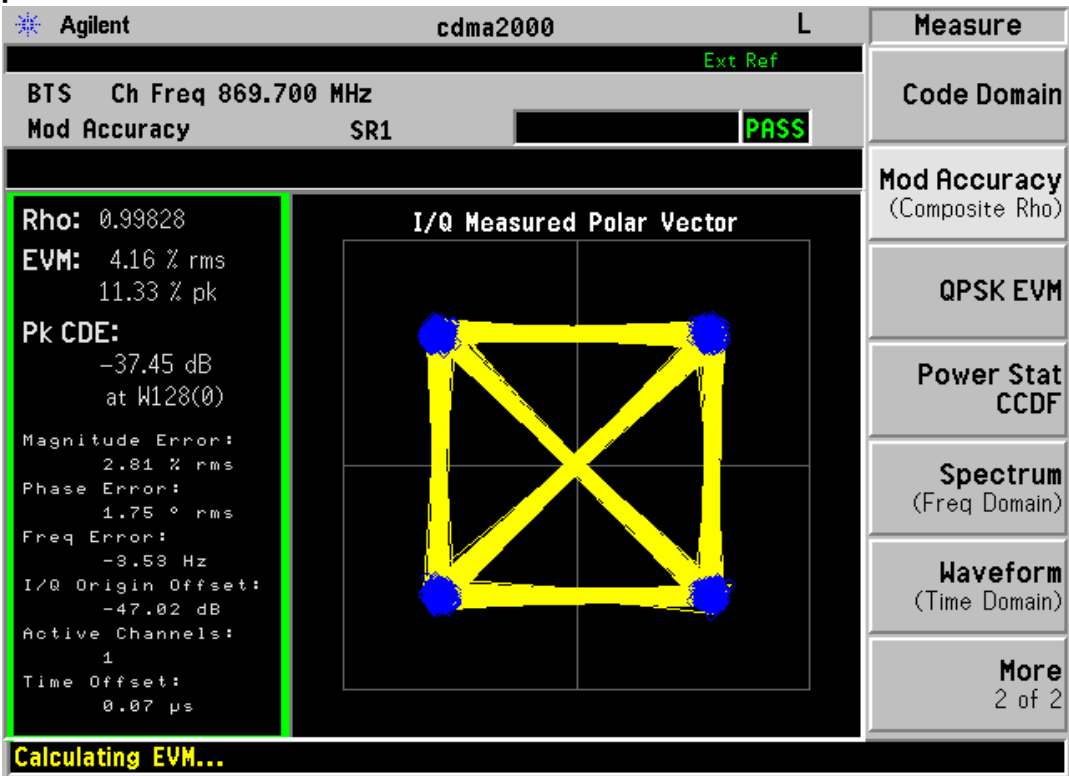
Temperature = - 10°C



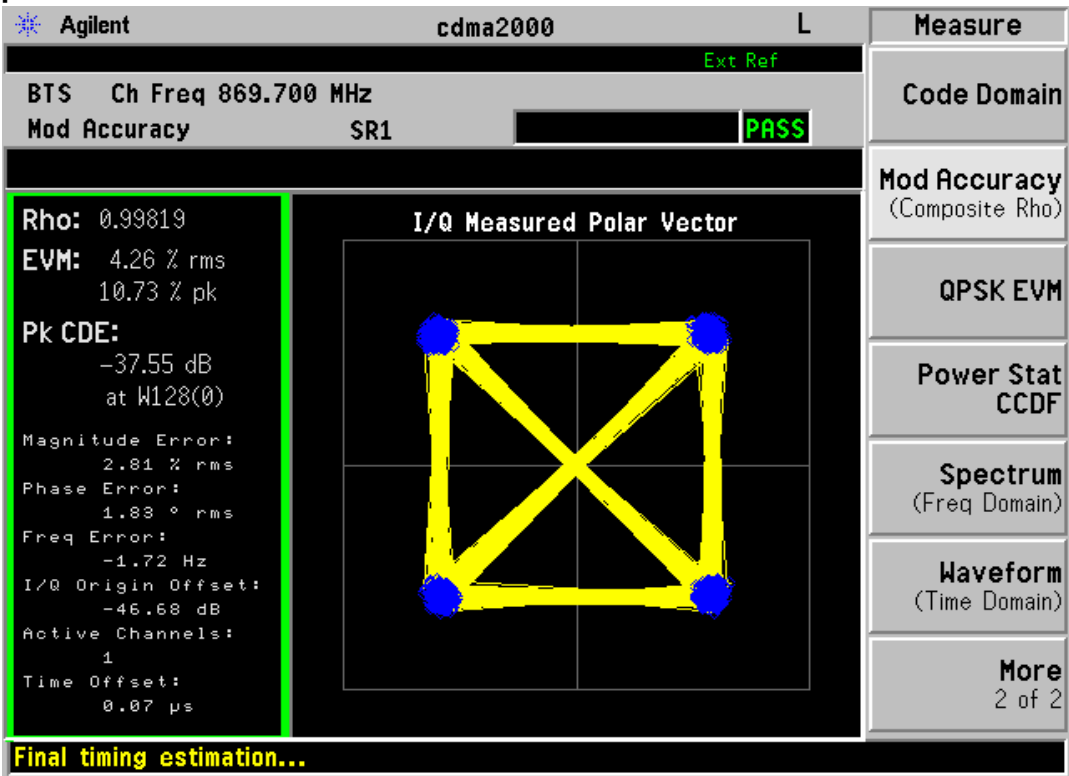
Temperature = 0°C



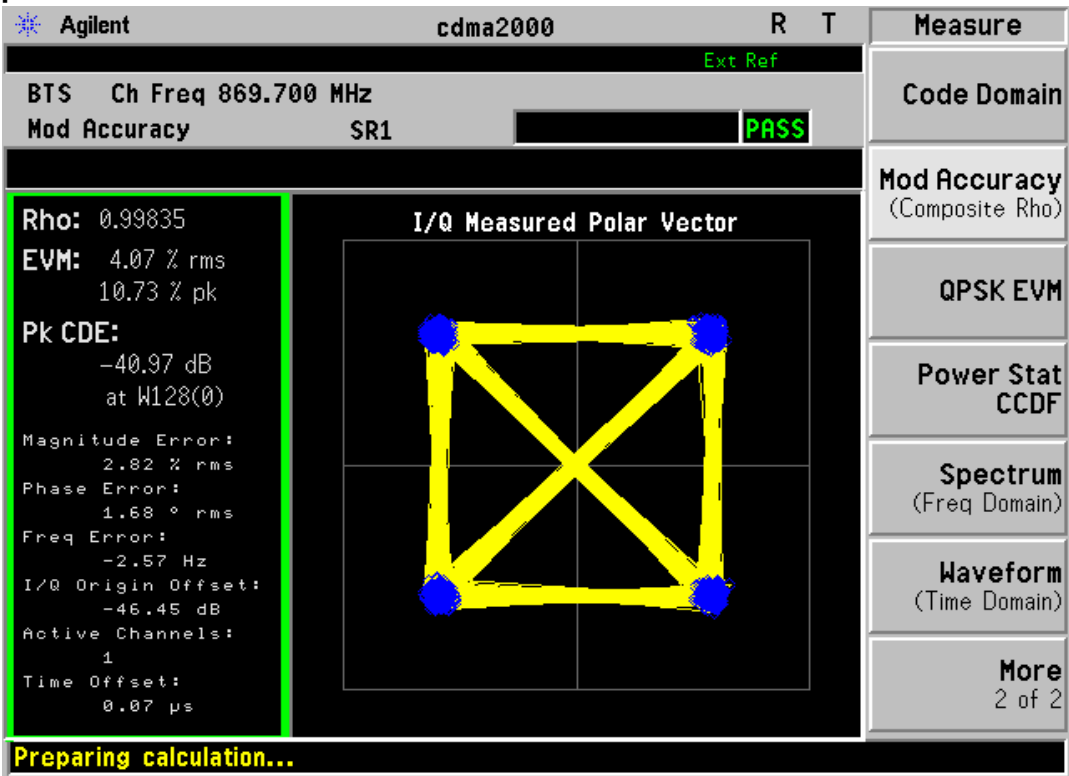
Temperature = 10°C



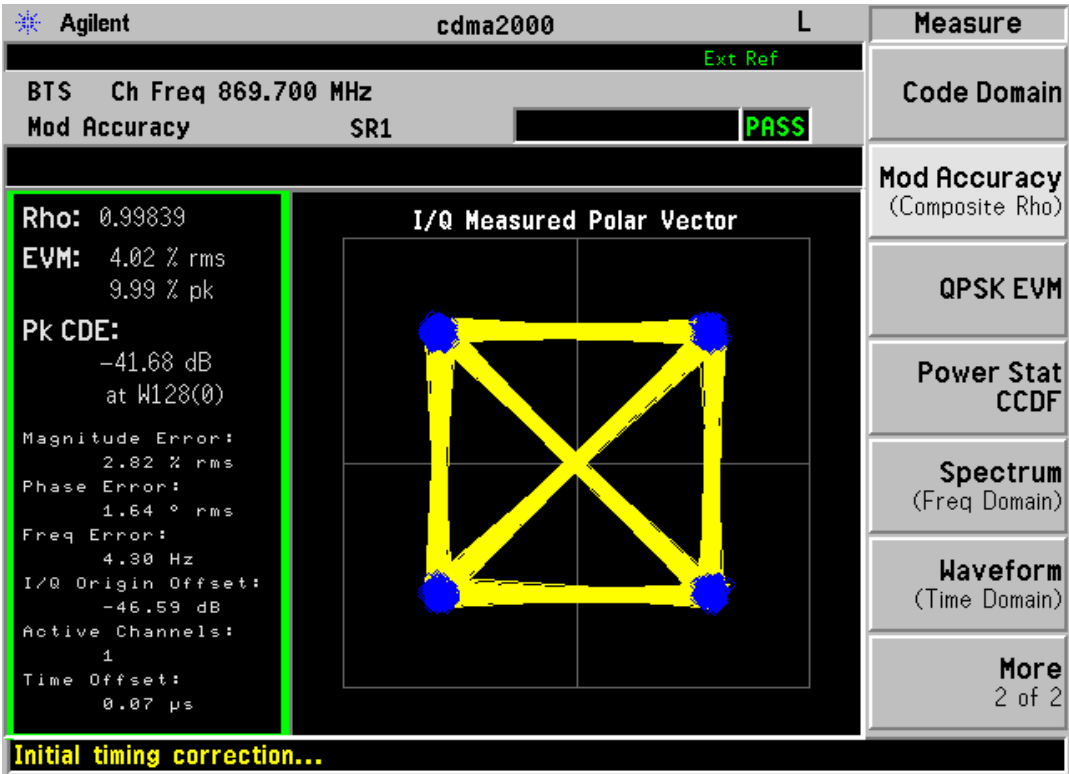
Temperature = 20°C



Temperature = 30°C



Temperature = 40°C



Temperature = 50°C

