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Appendix A

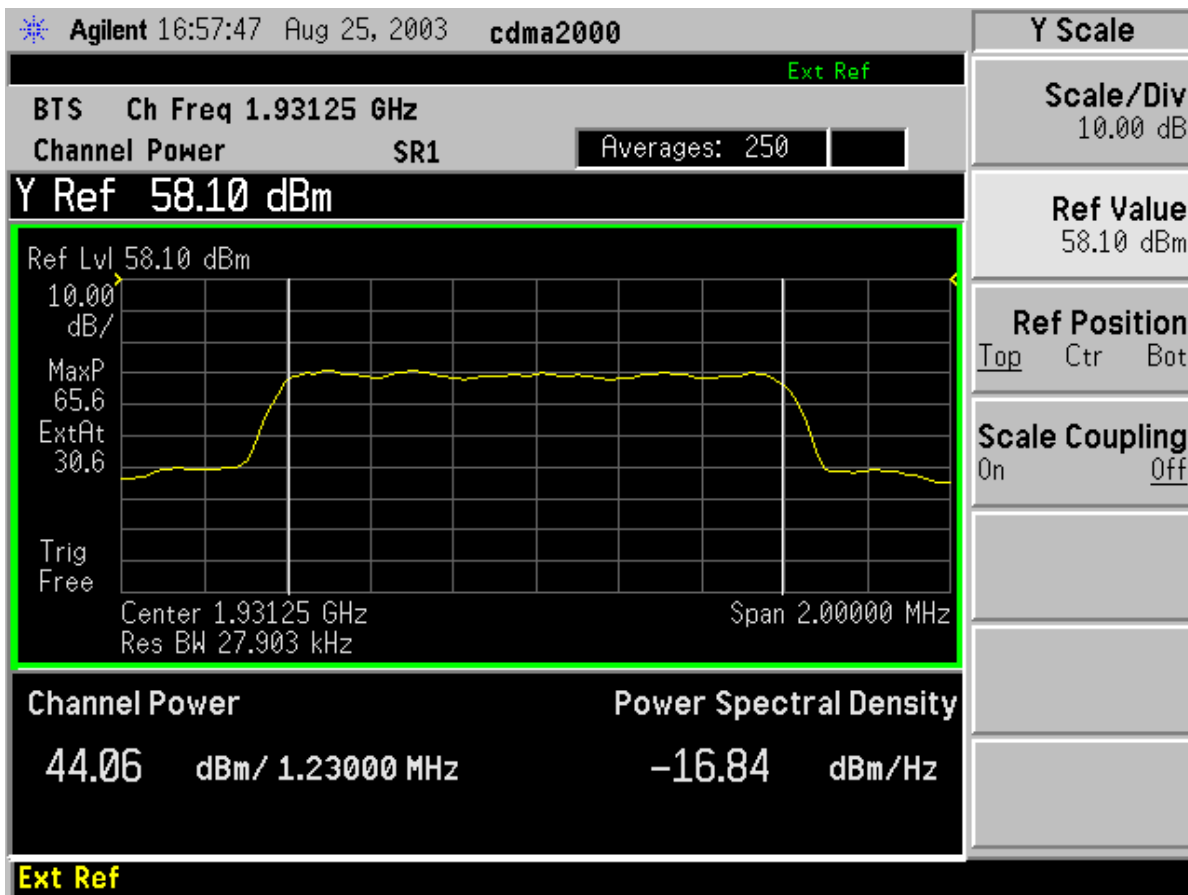
Channel Power Measurement

According to CFR 47 (FCC) part 2.1046

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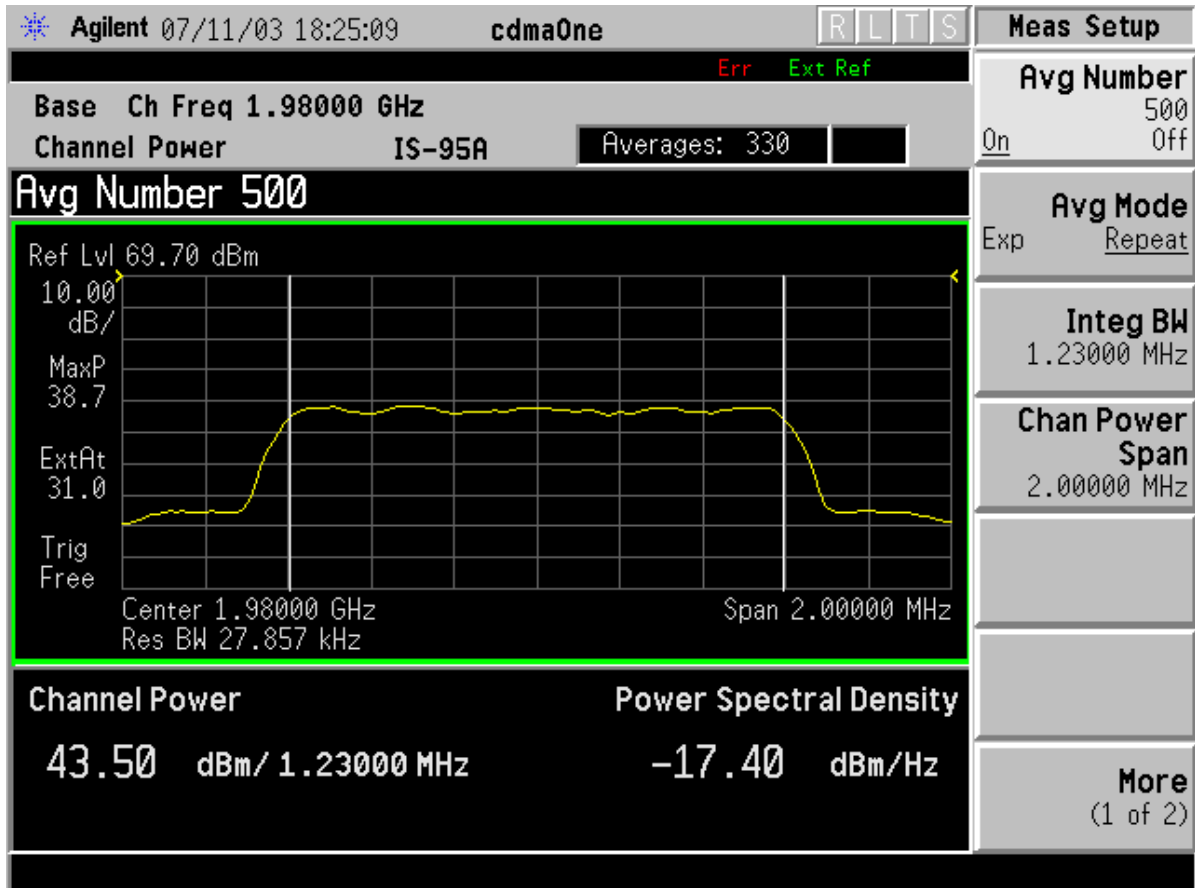
Channel 25



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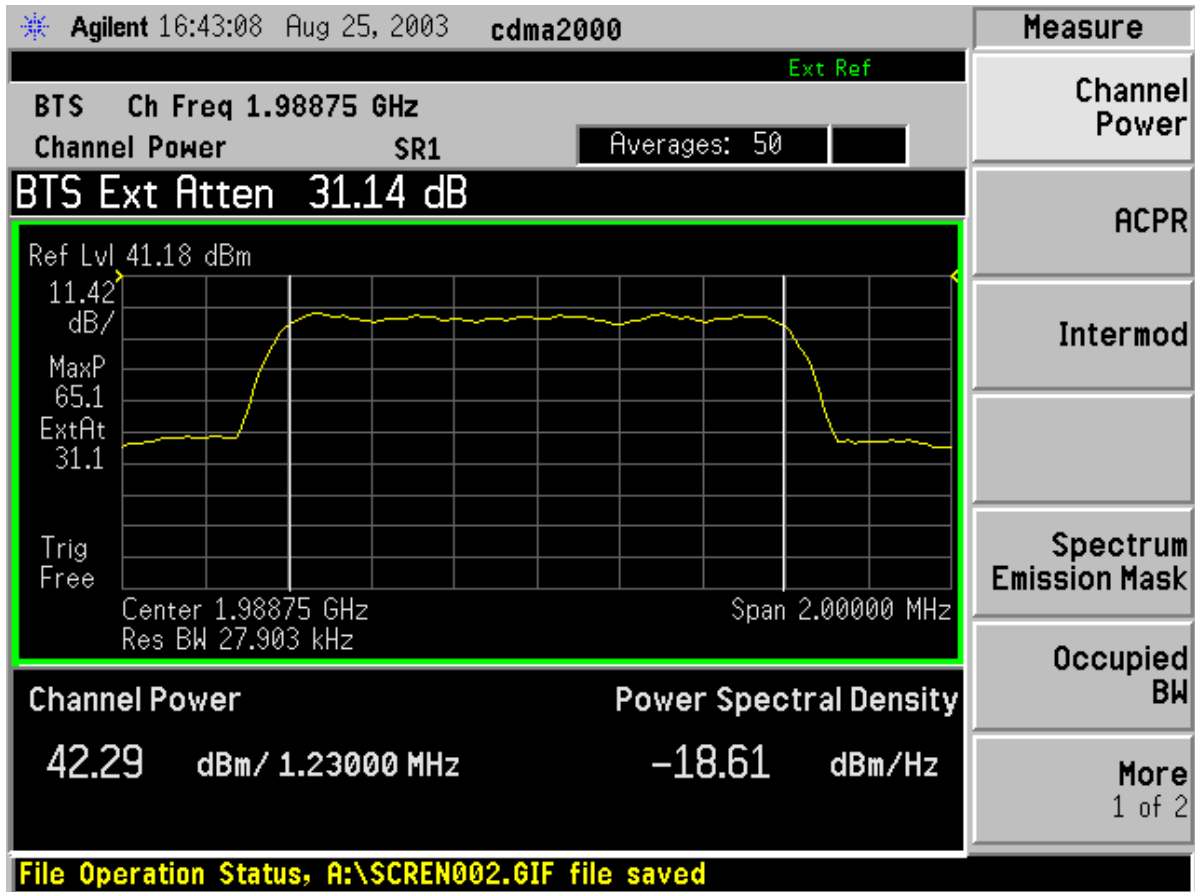
Channel 1000



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Channel 1175



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Appendix B

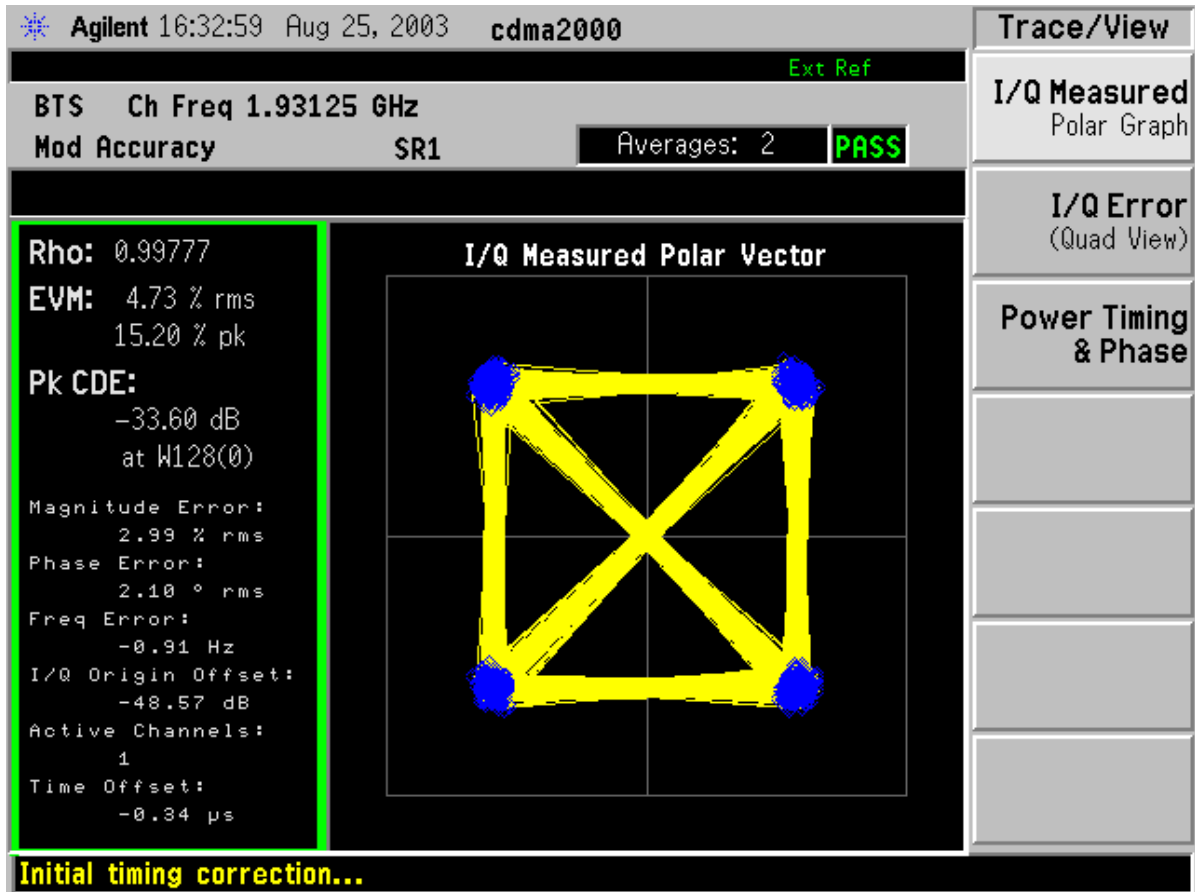
Modulation Characteristic Measurement

According to CFR 47 (FCC) part 2.1047

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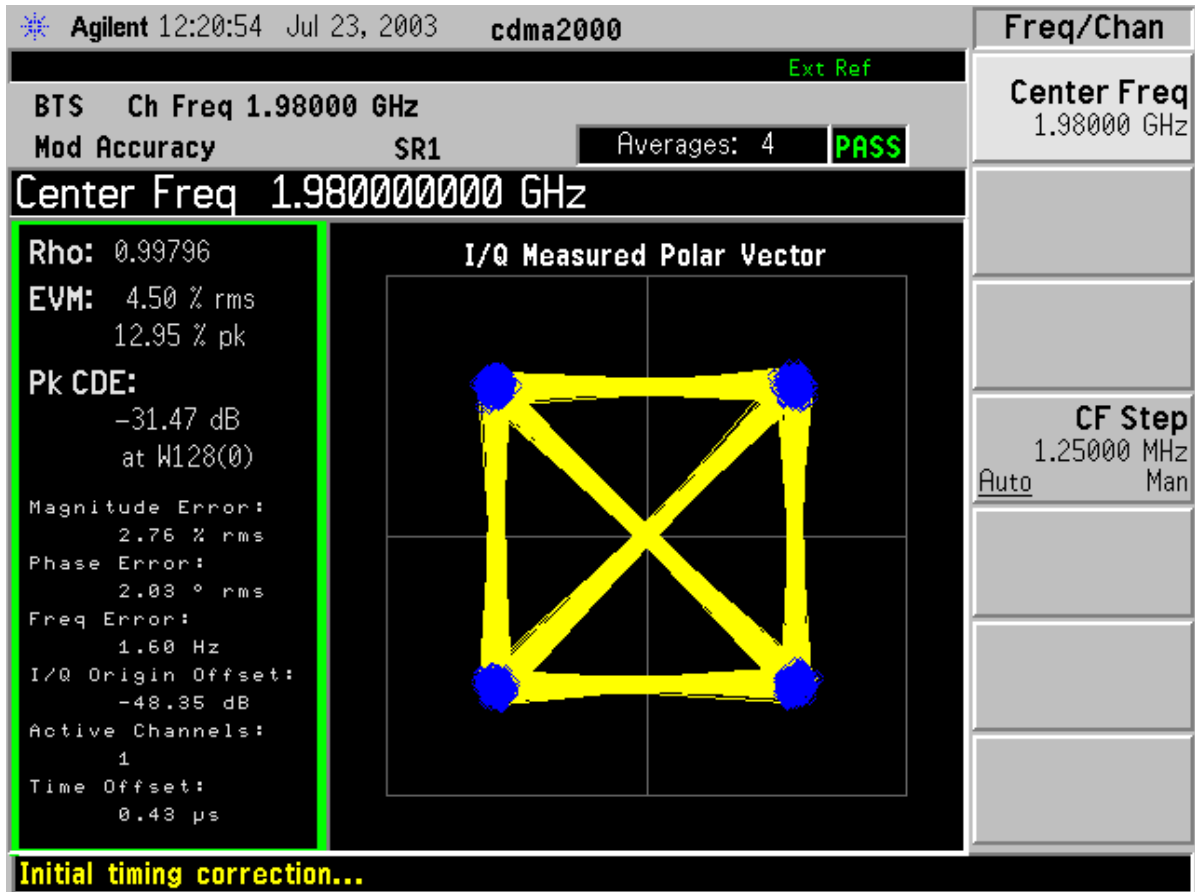
Channel 25



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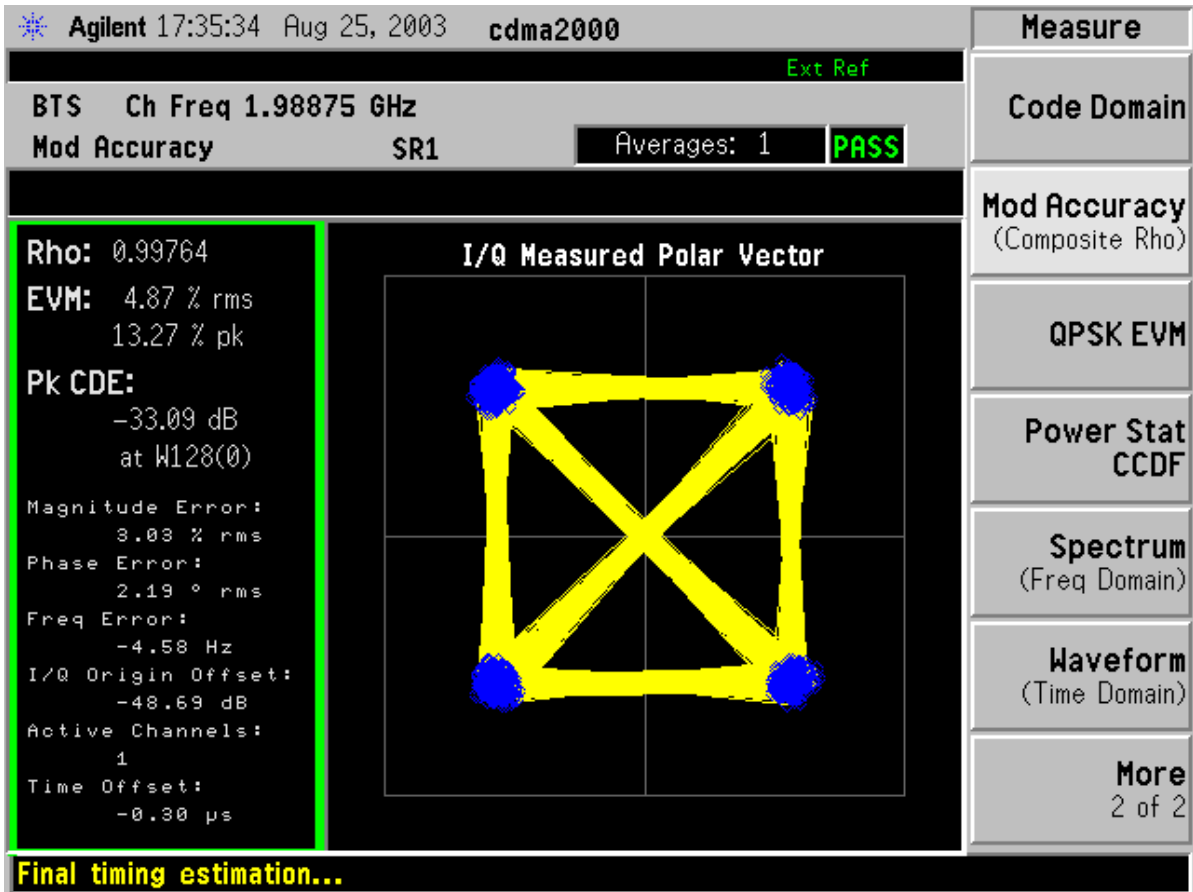
Channel 1000



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Channel 1175



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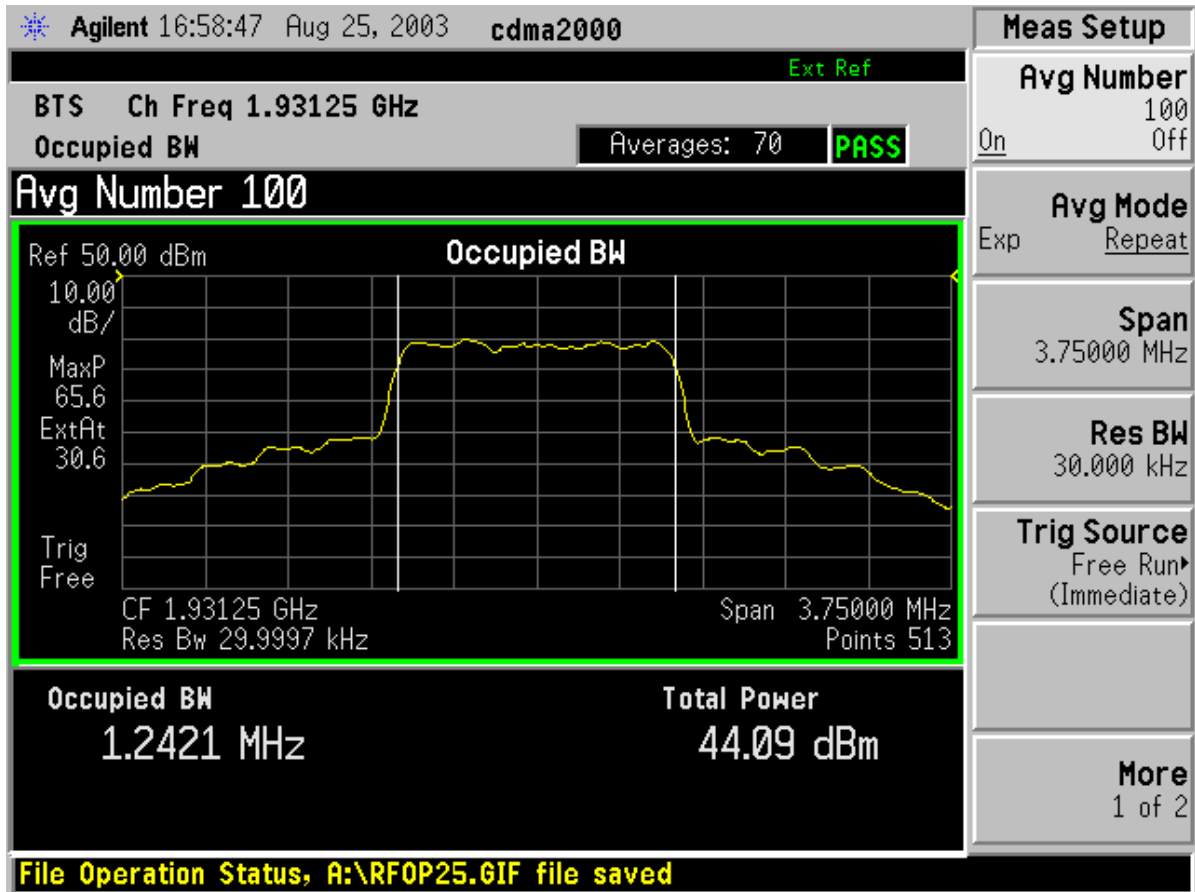
Occupied Bandwidth Measurement

According to CFR 47 (FCC) part 2.1049

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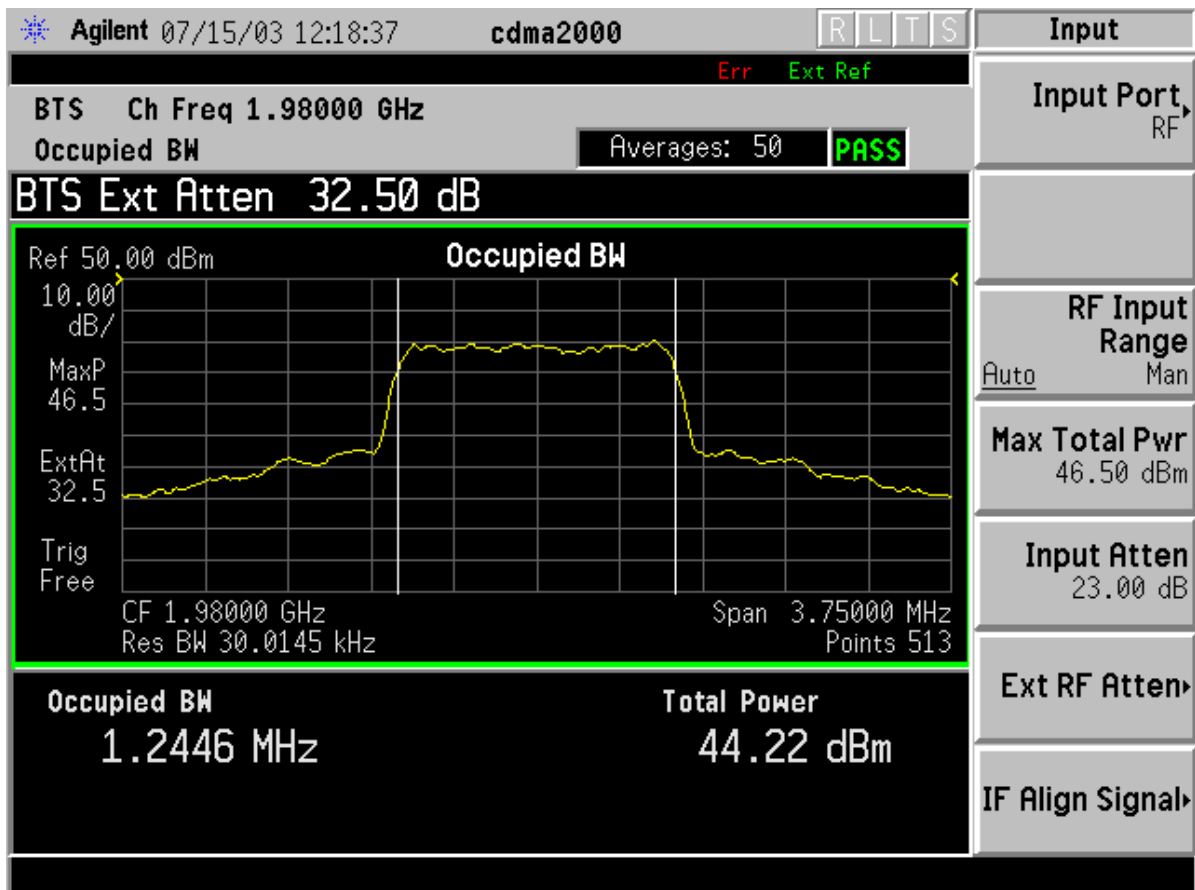
Channel 25



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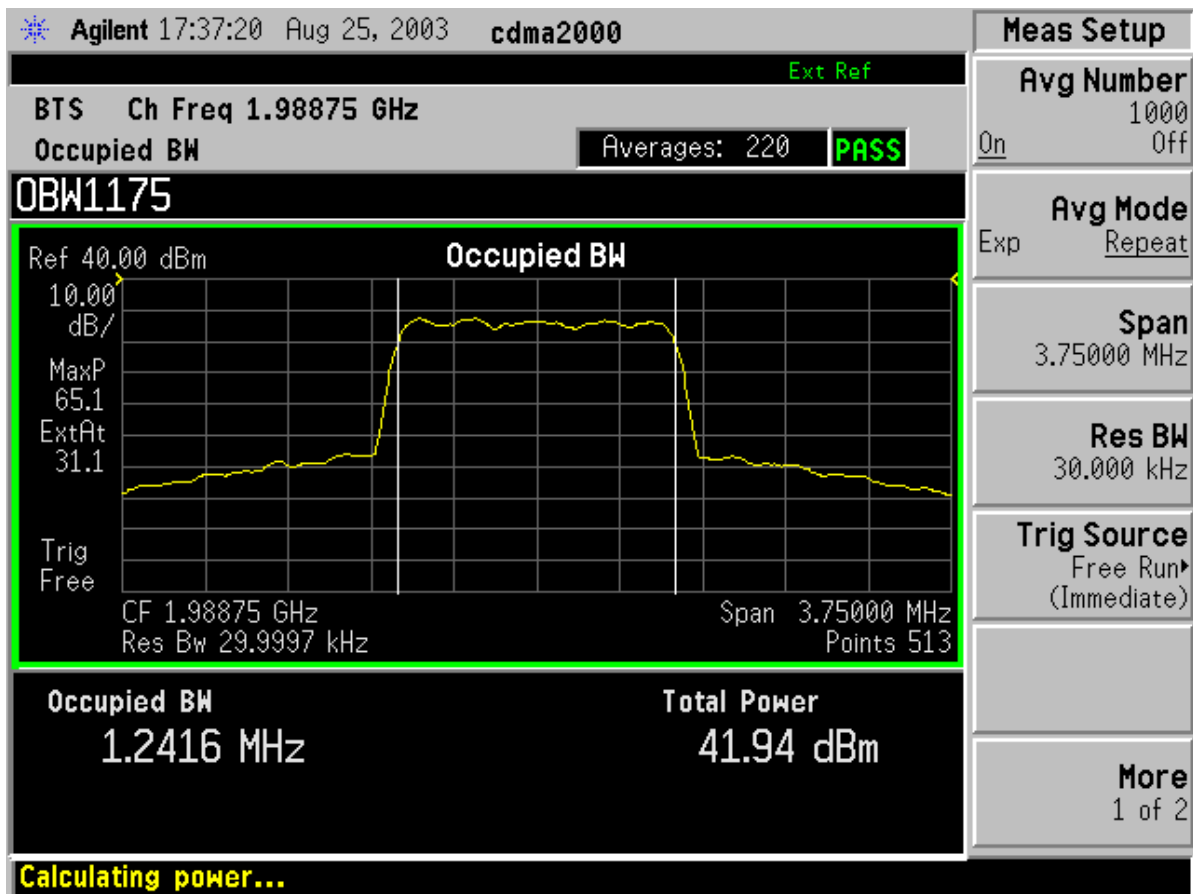
Channel 1000



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Channel 1199



Appendix D

Spurious Emission at Antenna Terminal Measurements

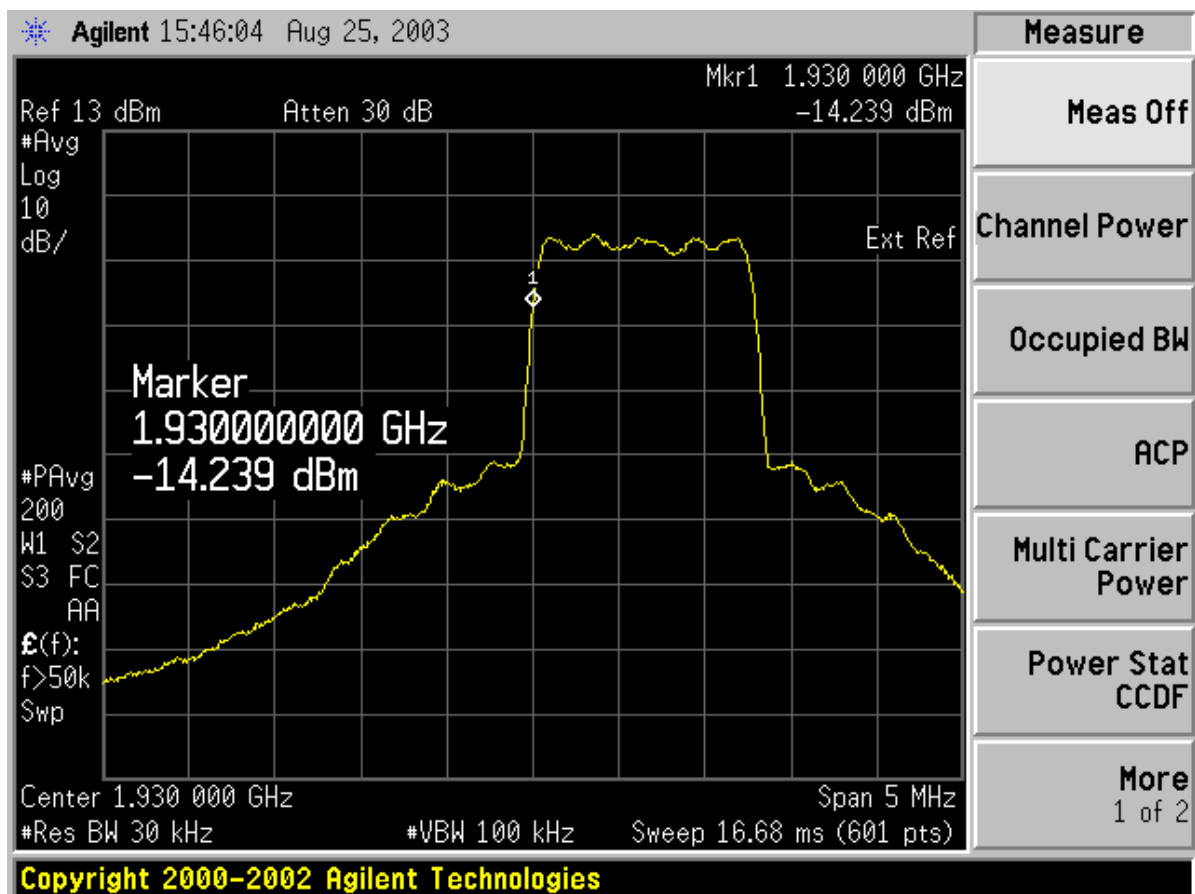
According to CFR 47 (FCC) part 2.1051

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Measurement Result at Block Edge

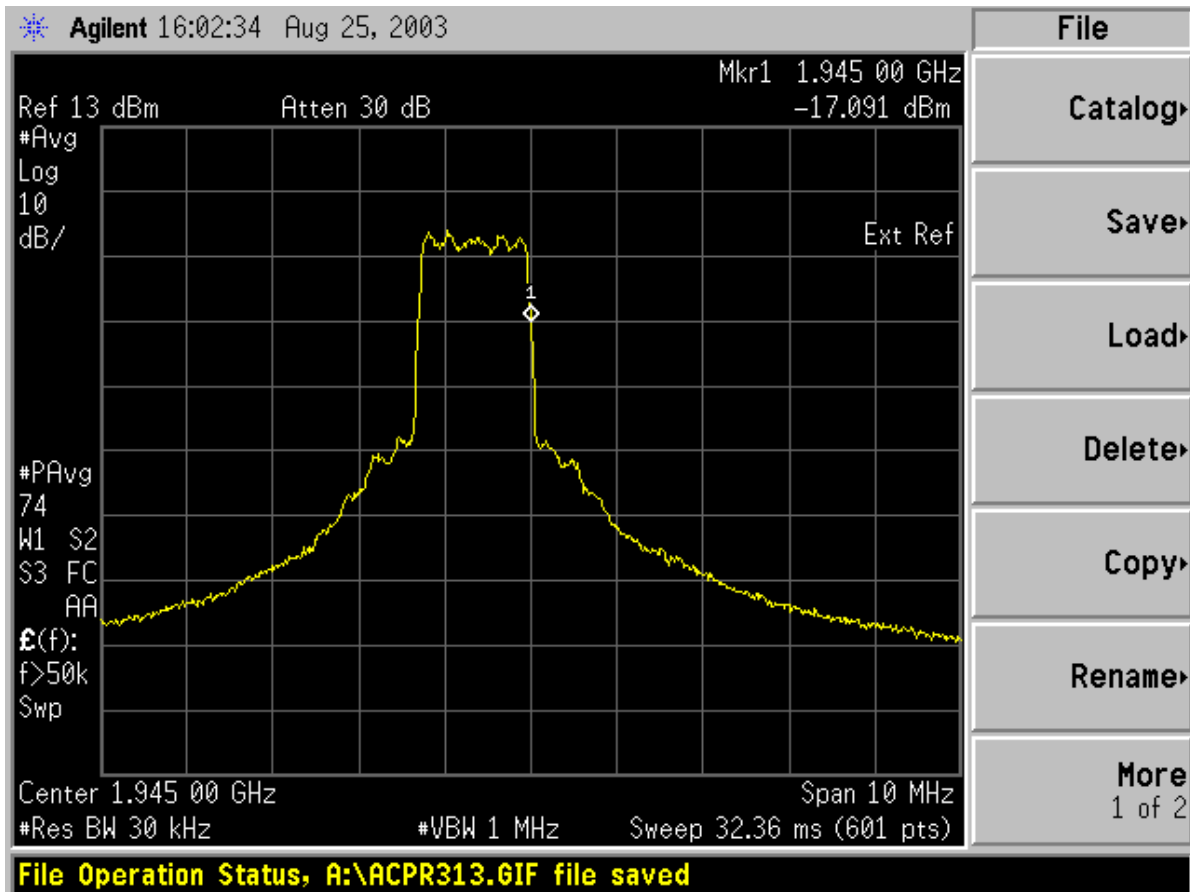
Channel 13(1930.65MHz)



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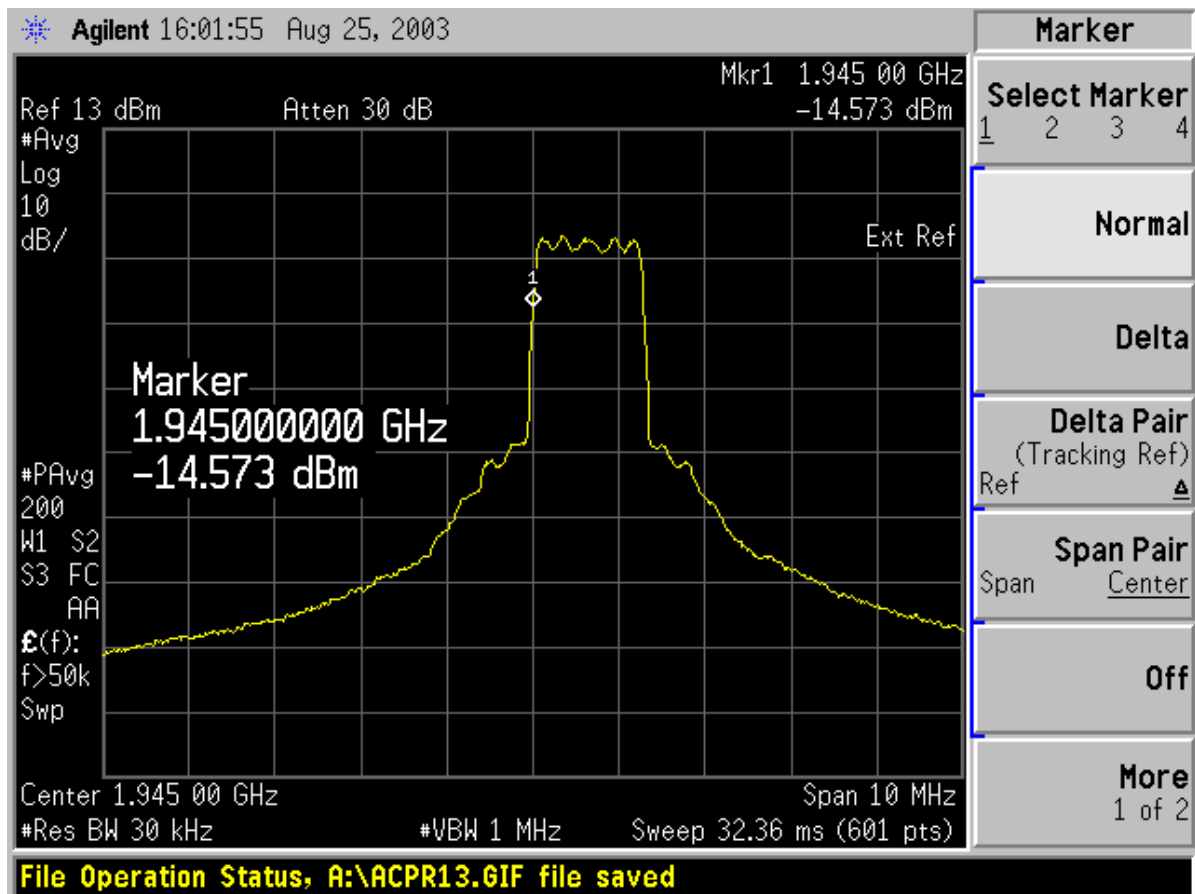
Channel 287(1944.35MHz)



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Channel 313(1945.65MHz)

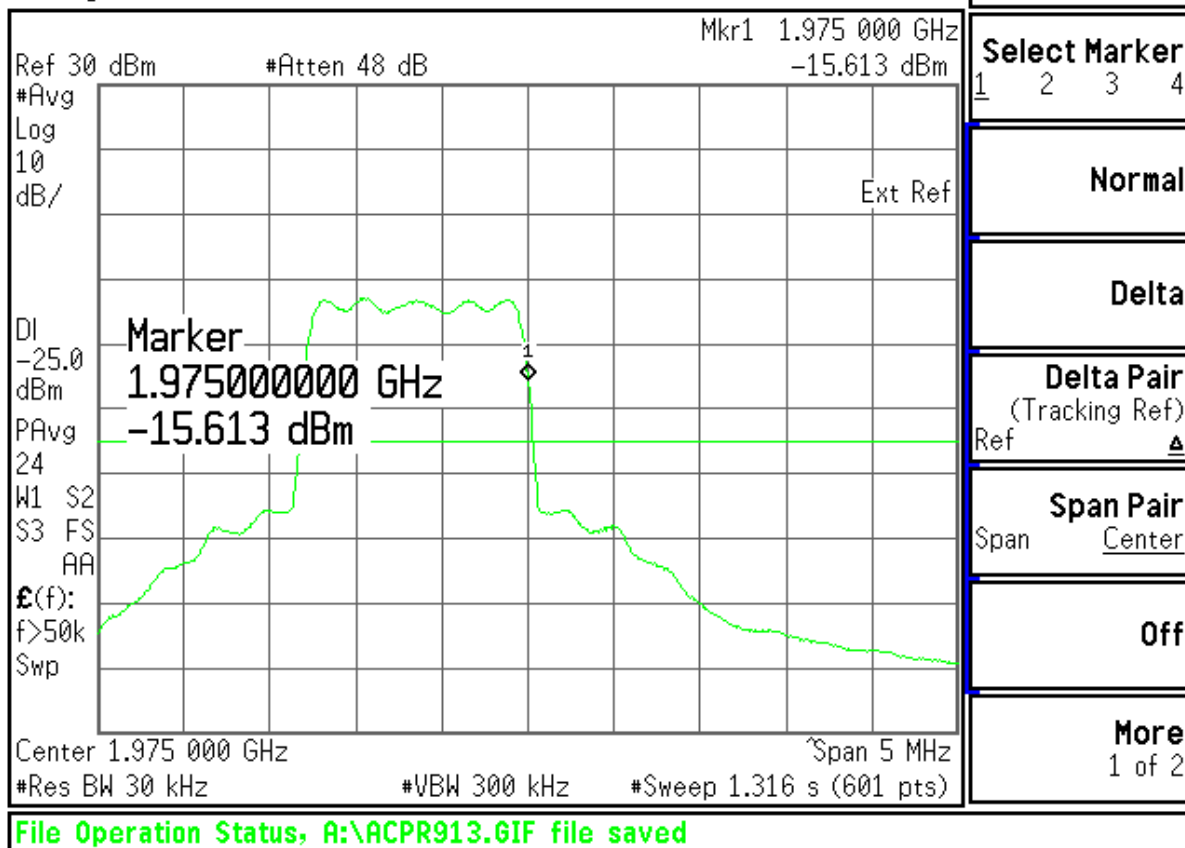


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Channel 887(1974.35MHz)

* Agilent 11:59:45 Aug 25, 2003

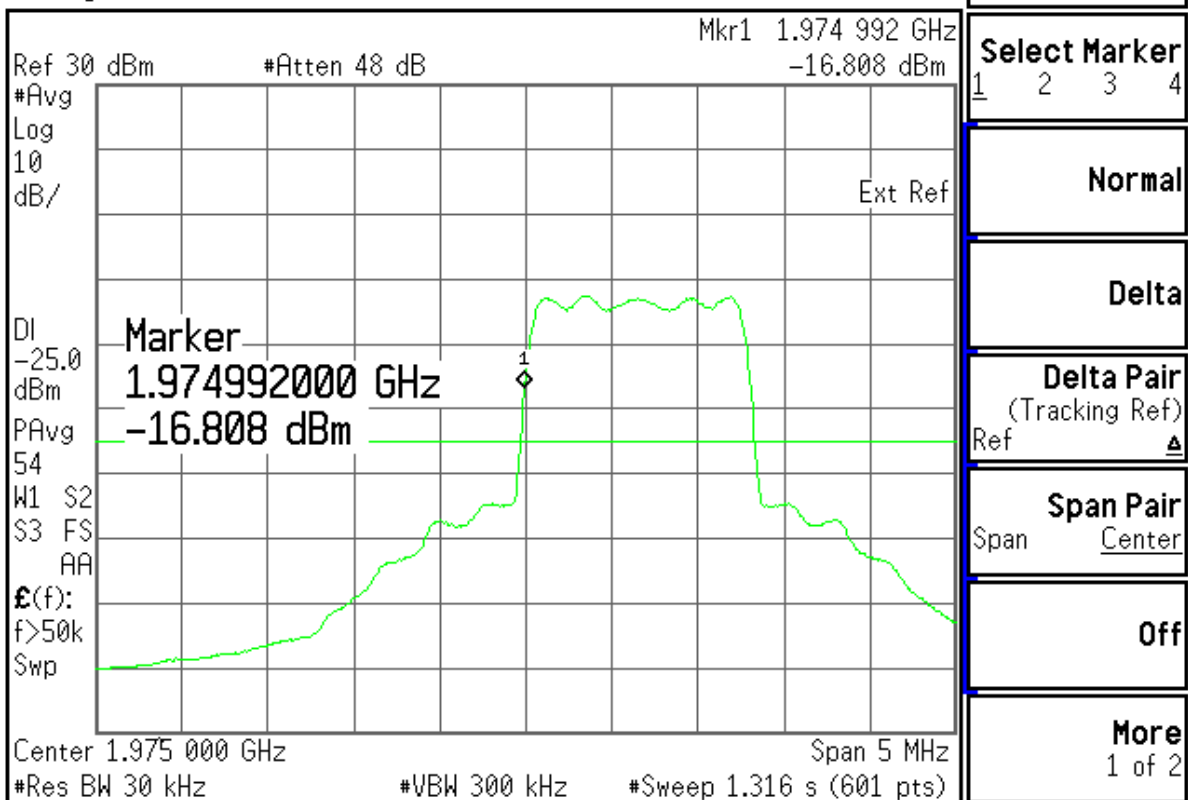


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Channel 913(1975.65MHz)

✱ Agilent 11:56:21 Aug 25, 2003



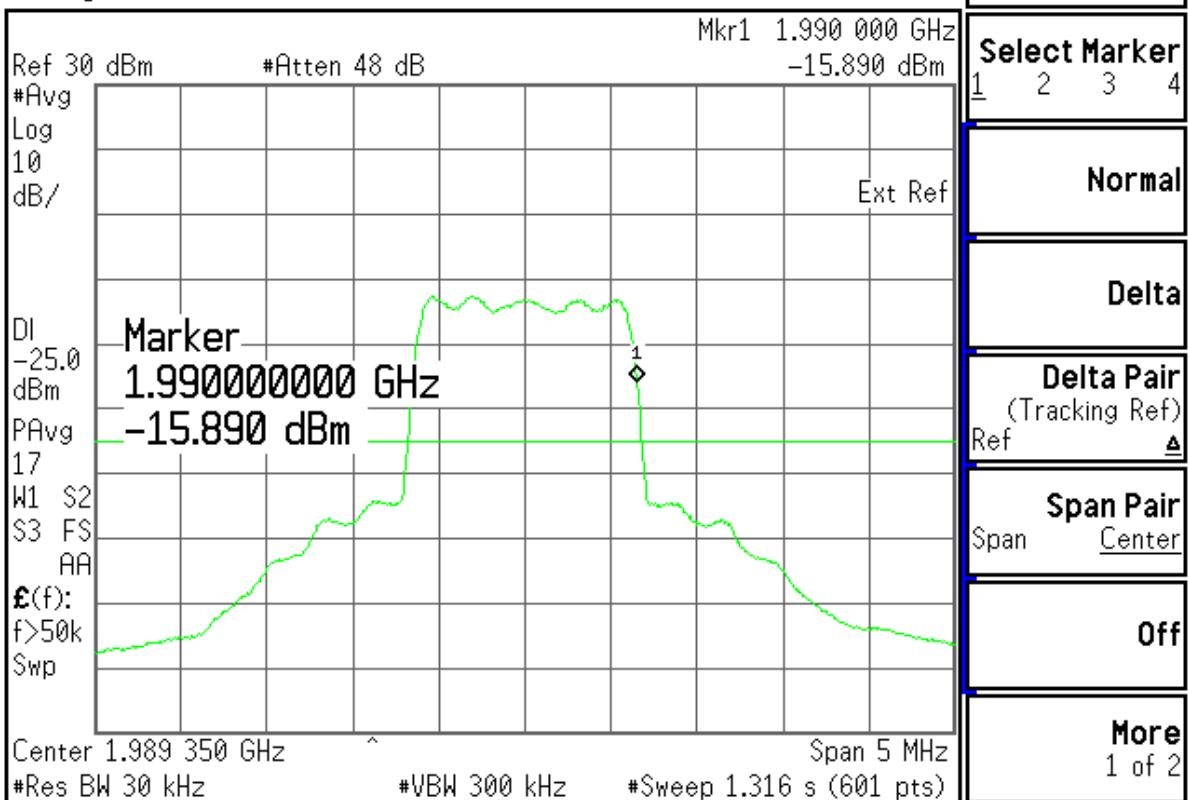
Allowable CF for current span exceeded

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Channel 1187(1989.35MHz)

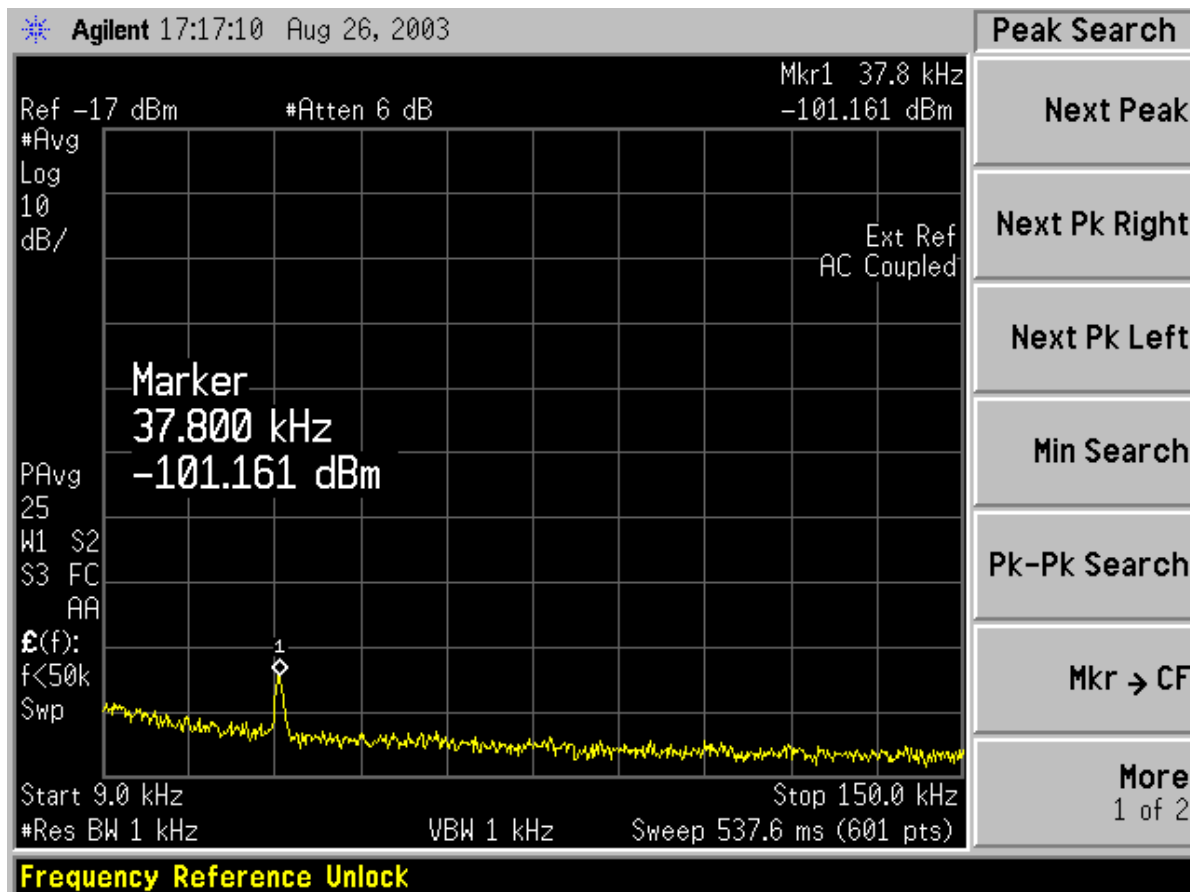
✱ Agilent 11:35:07 Aug 25, 2003

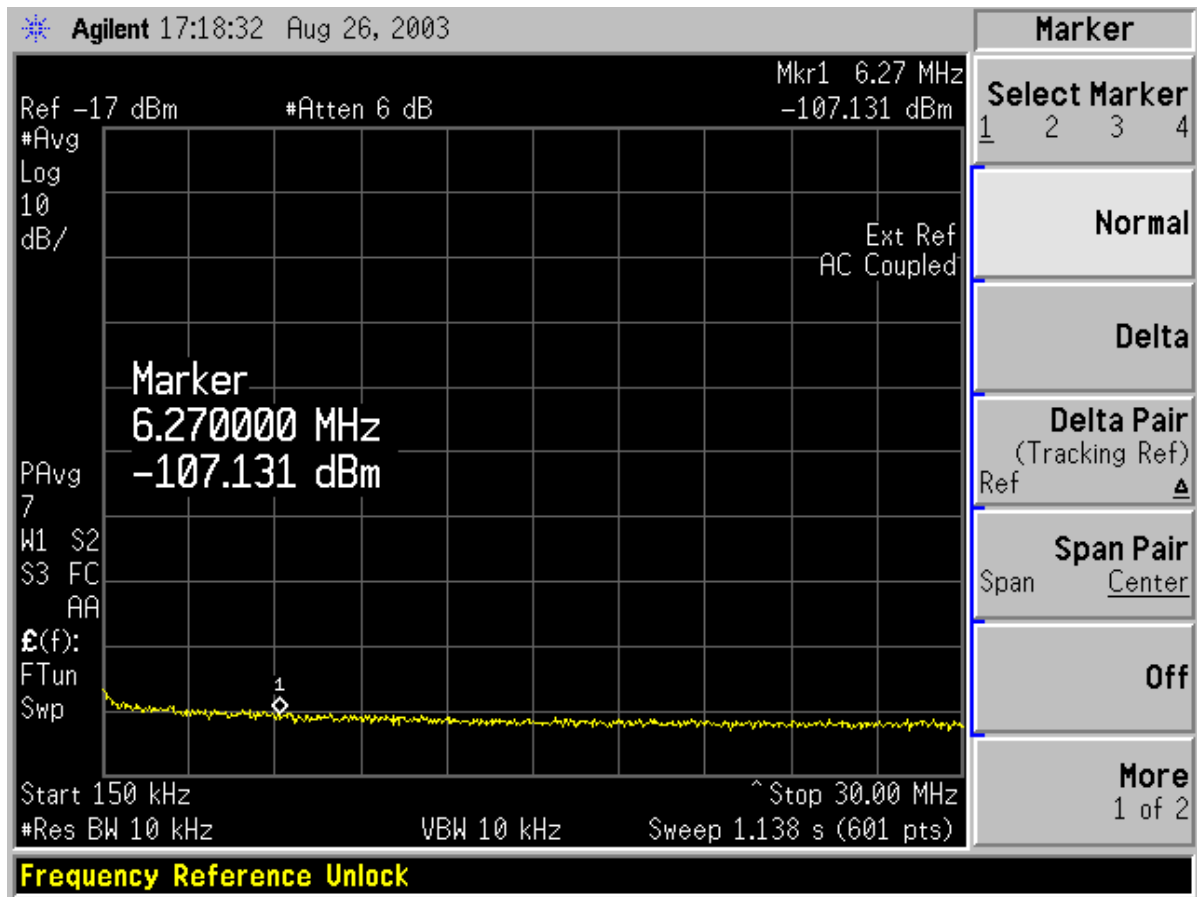


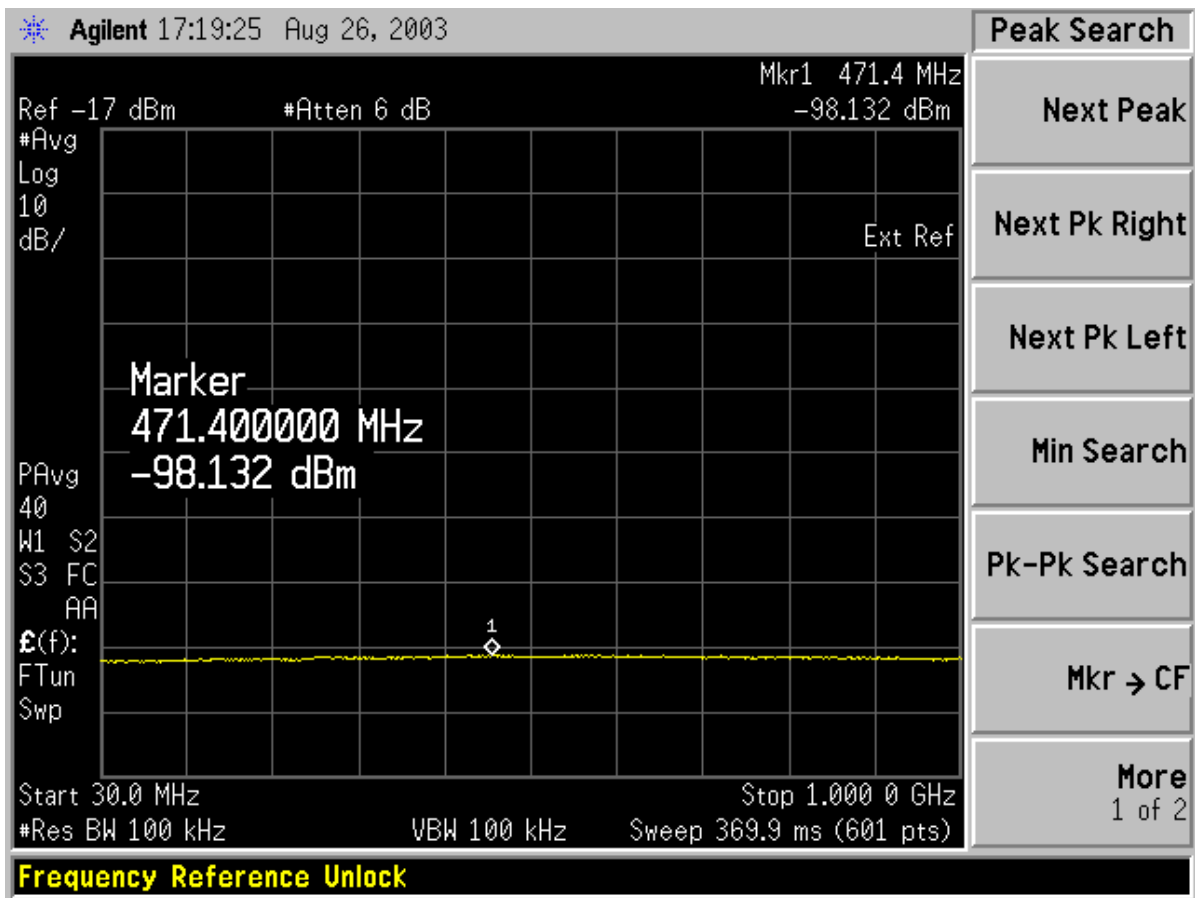
Copyright 2000-2002 Agilent Technologies

Measurement Result Outband Band Edge

Channel 13

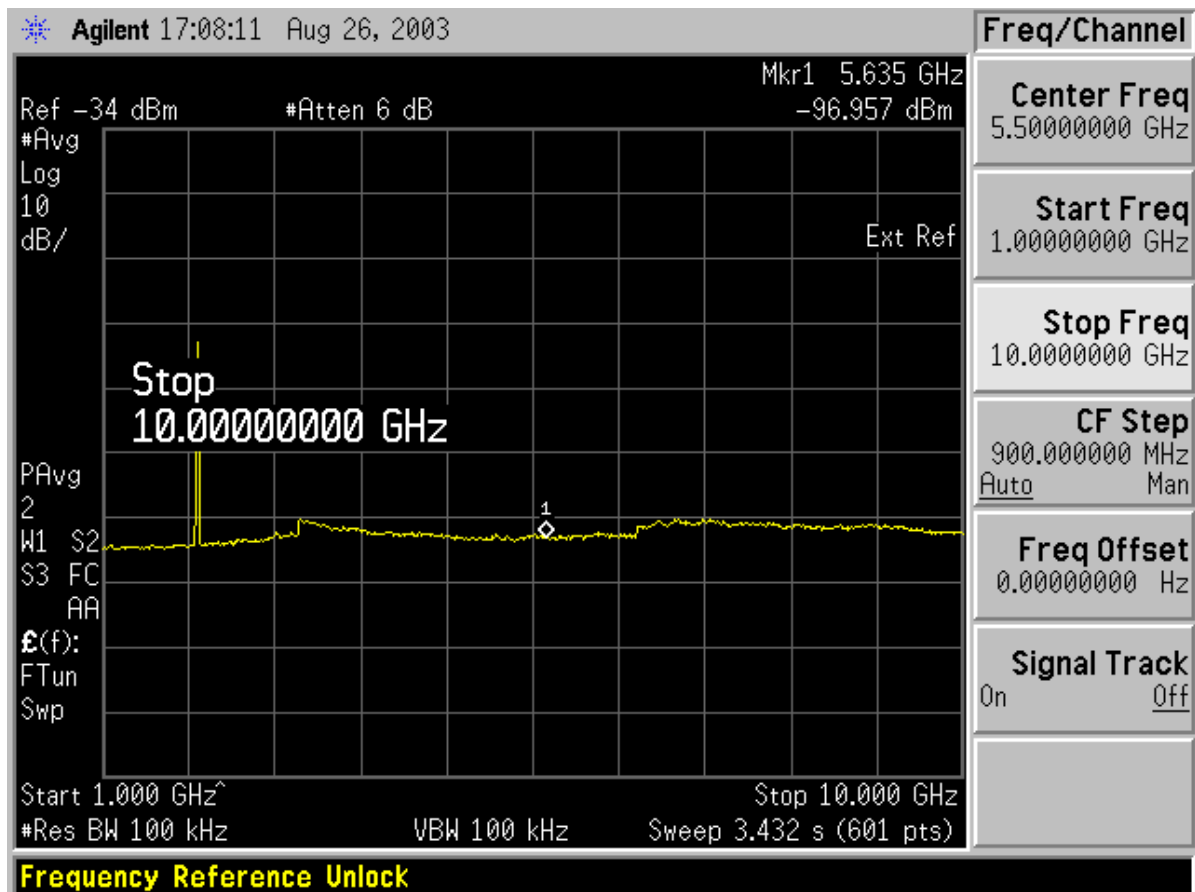


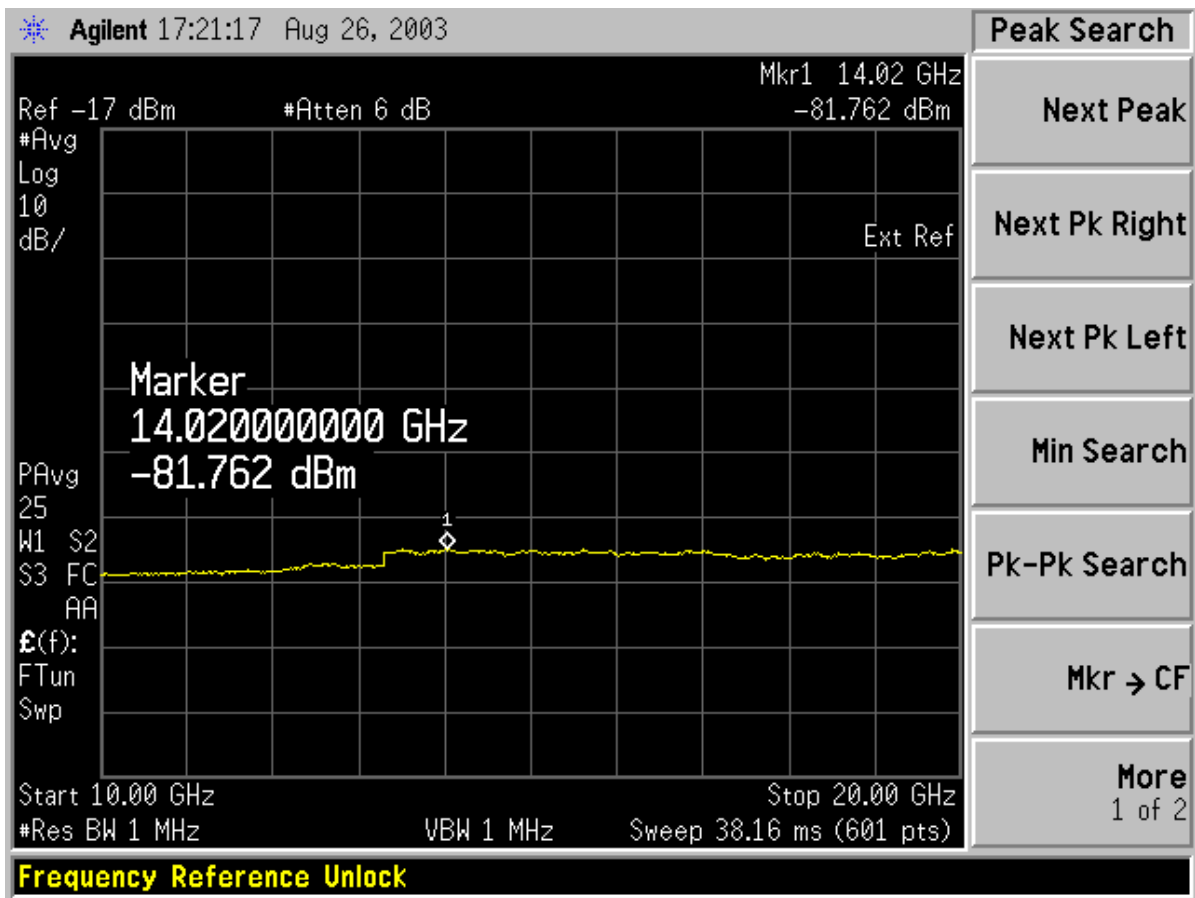




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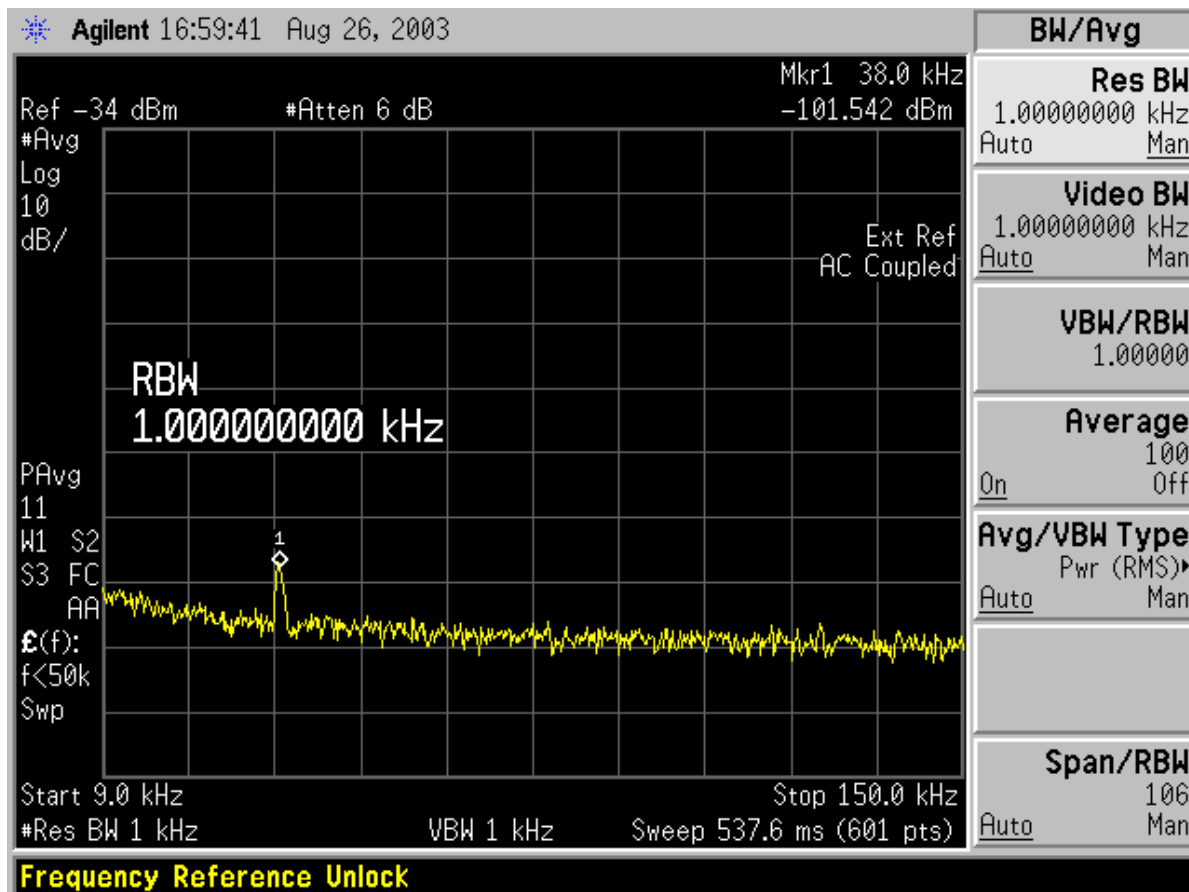




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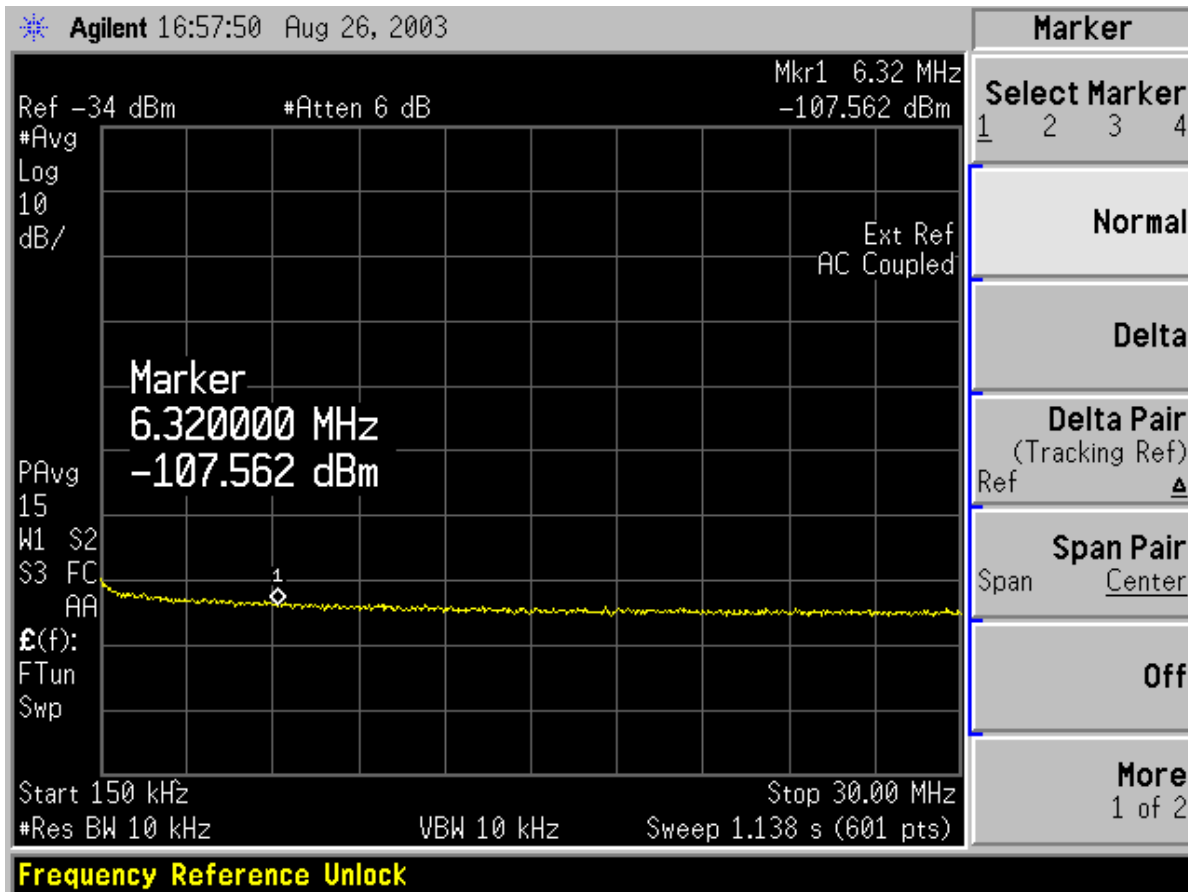
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Channel 1187



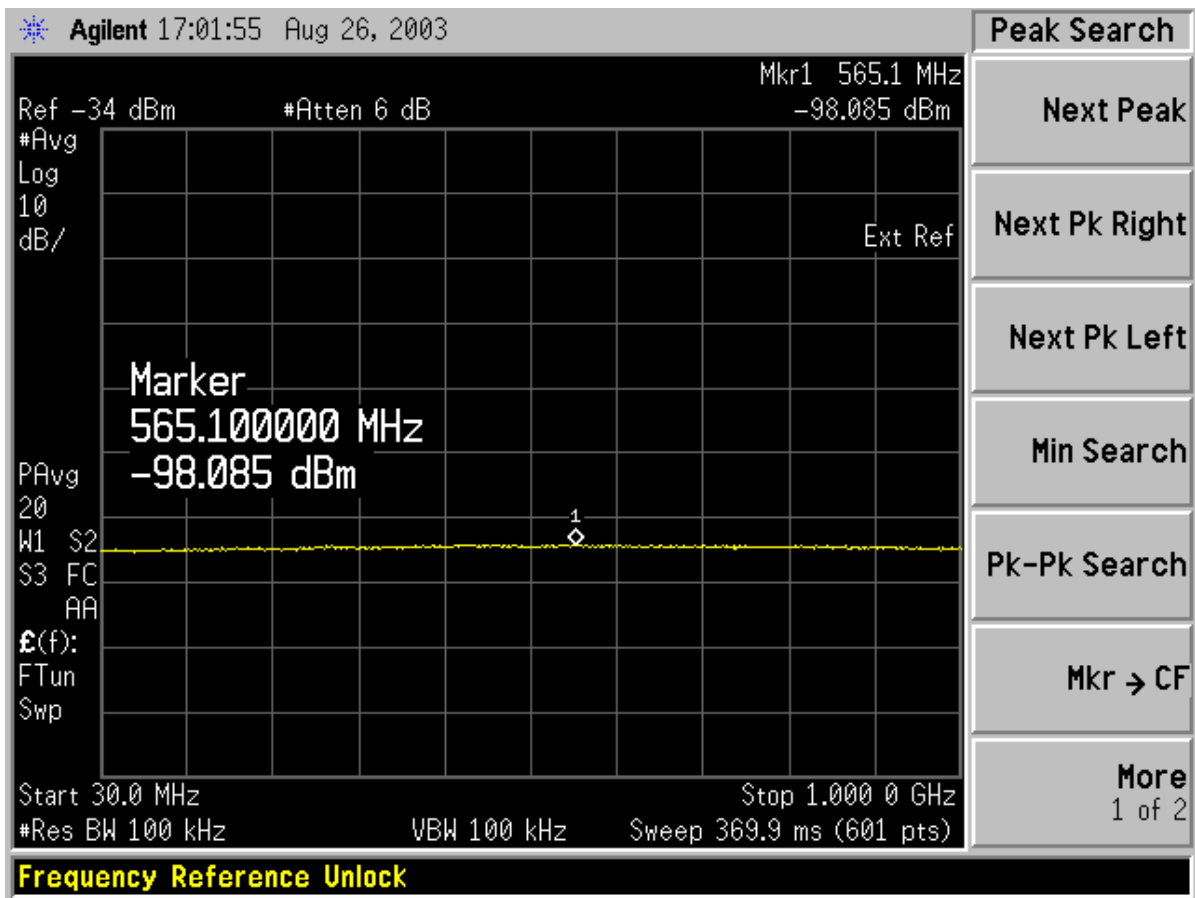
Prüfbericht - Nr.: 17001675 001
Test Report No.

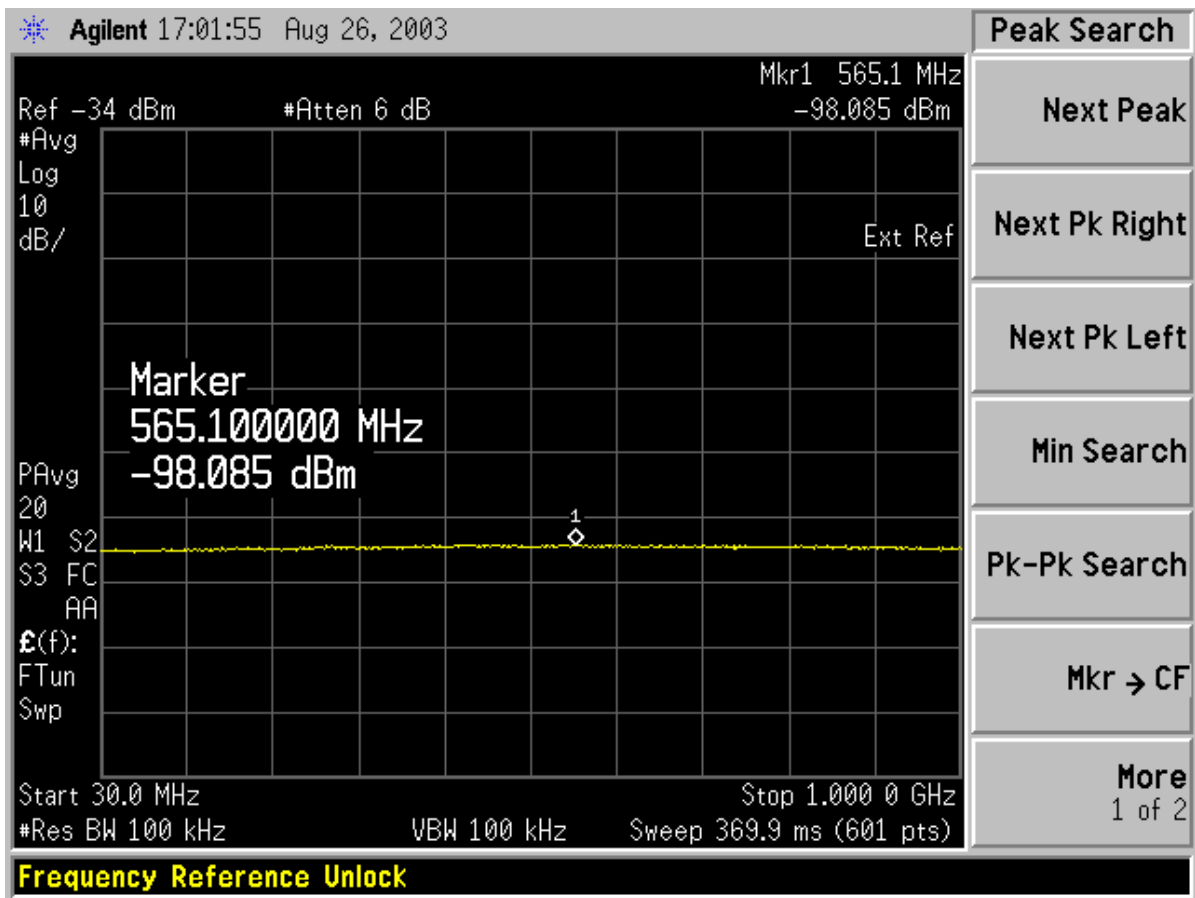
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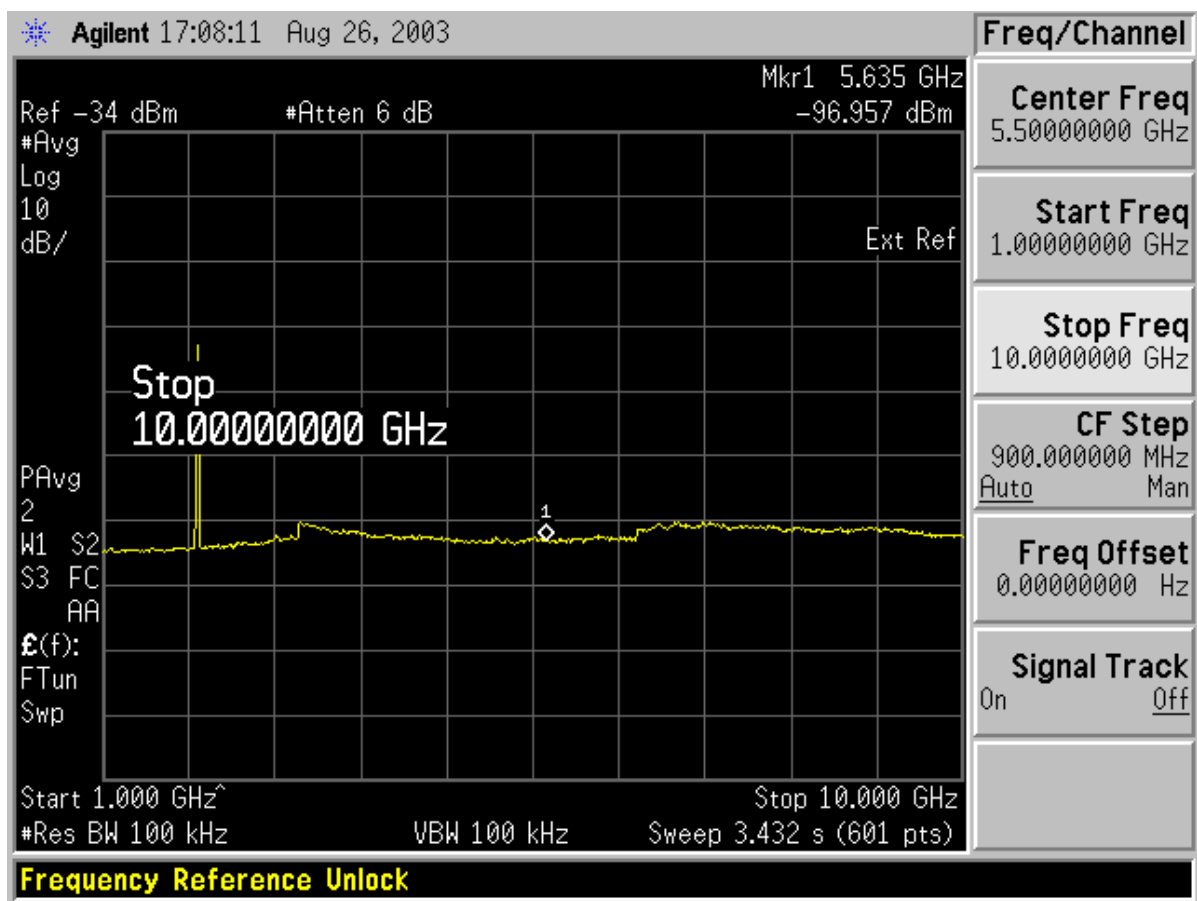


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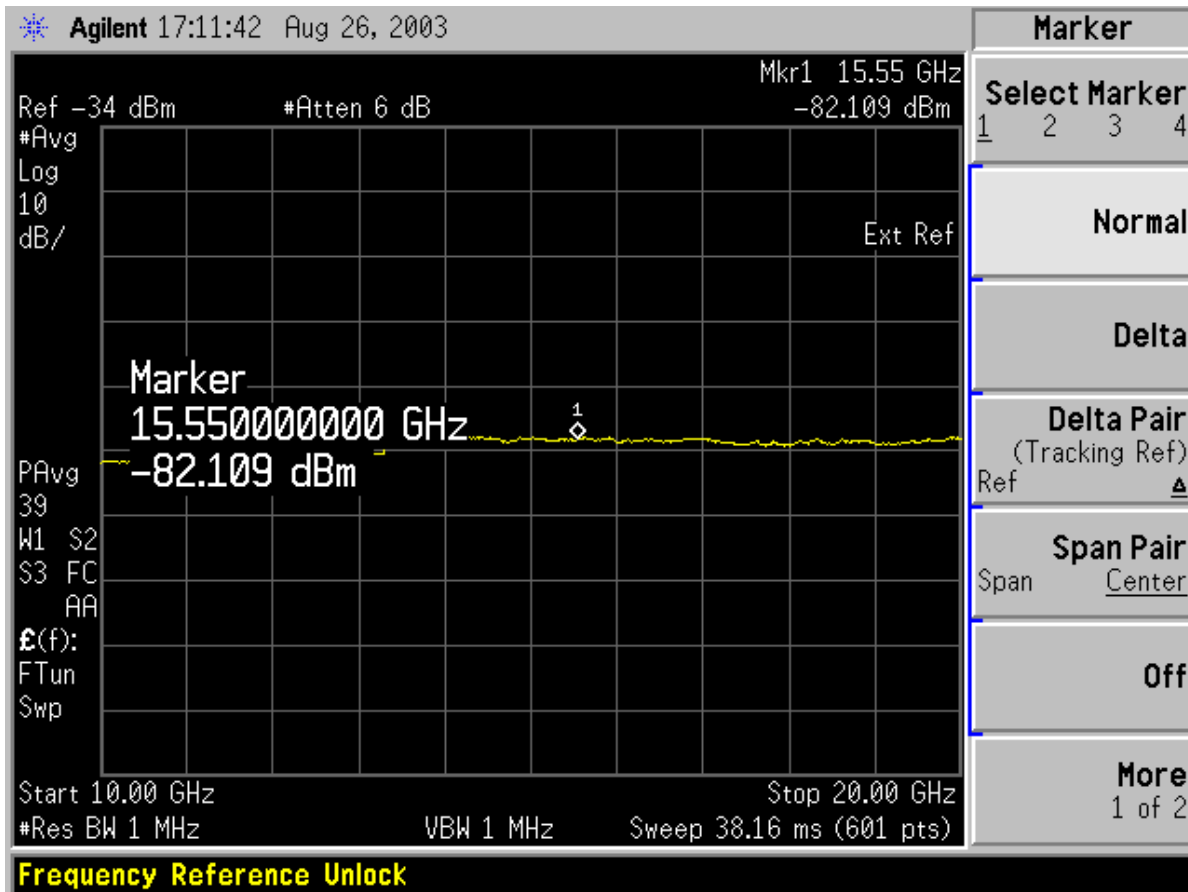






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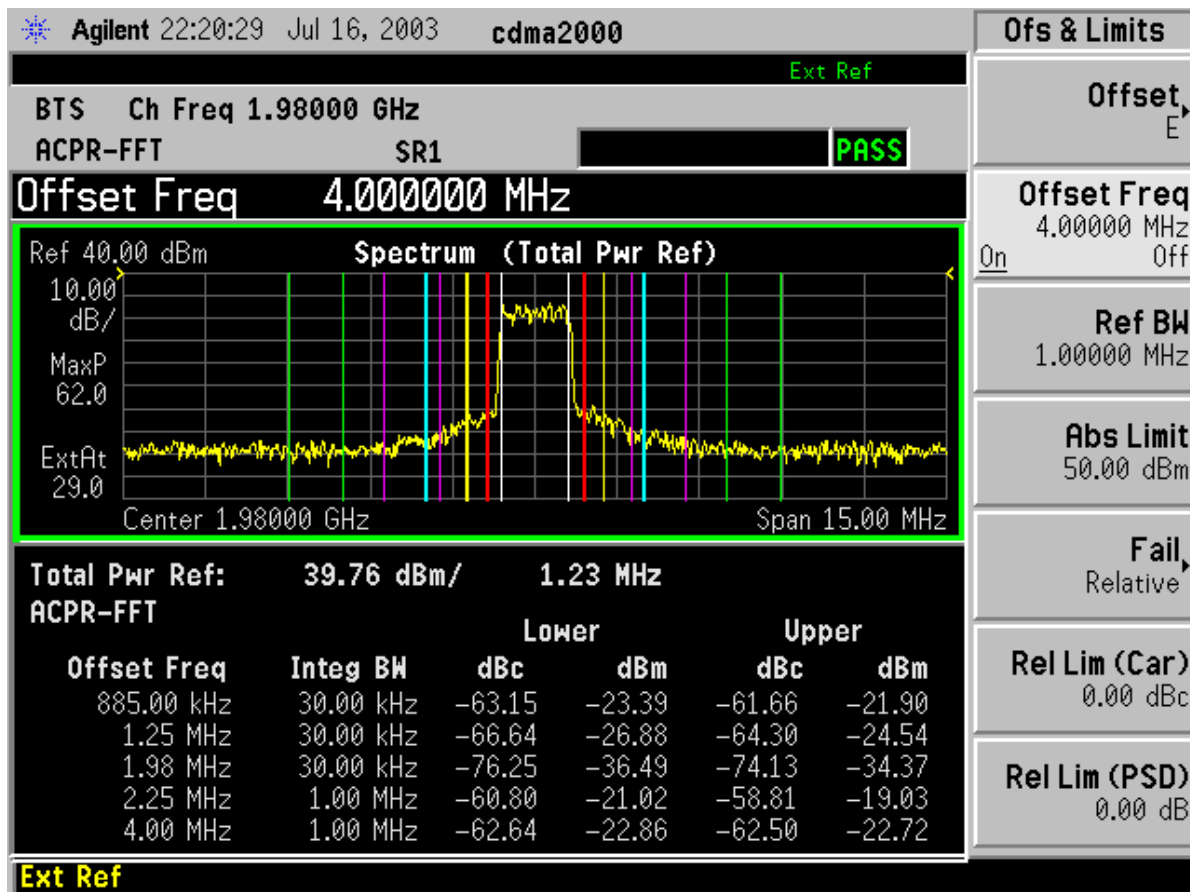


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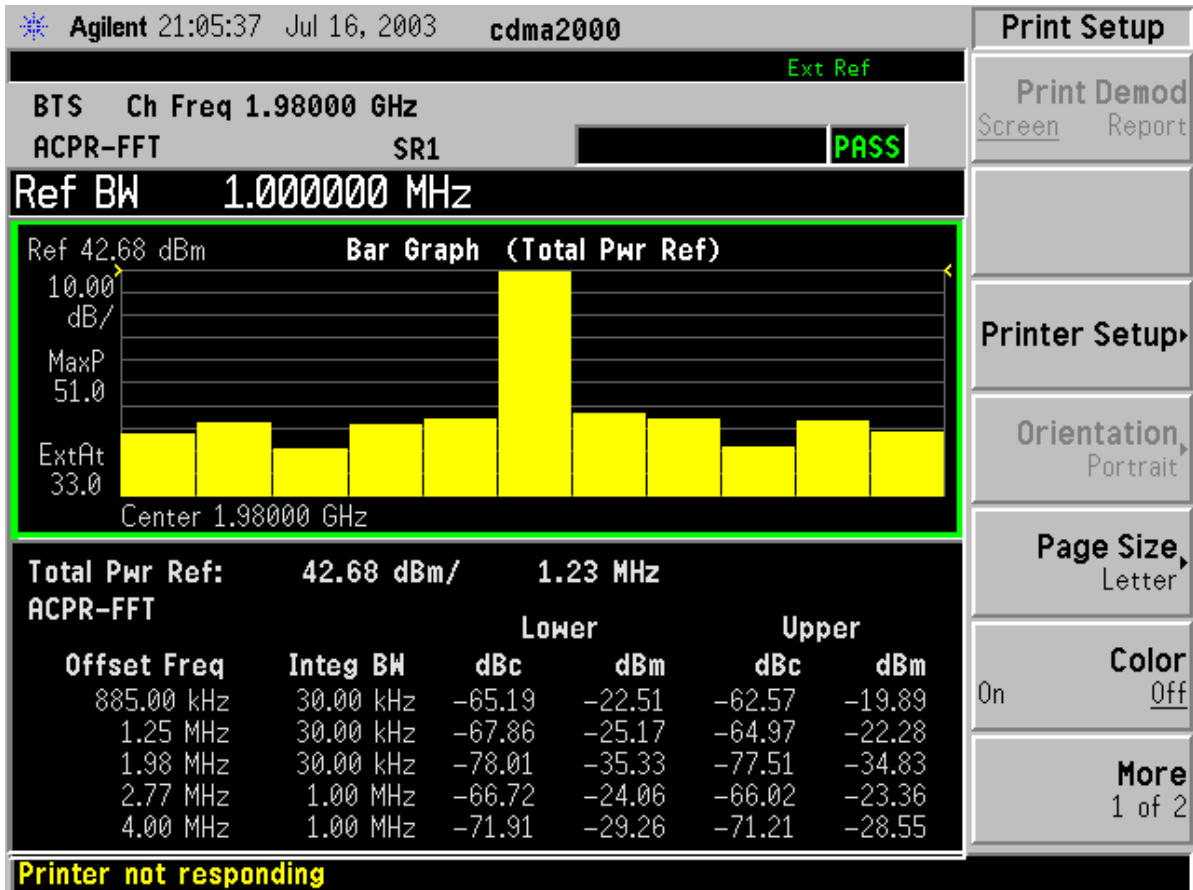
ACPR Test according to EIA/TIA 97D-2001

Channel 1000



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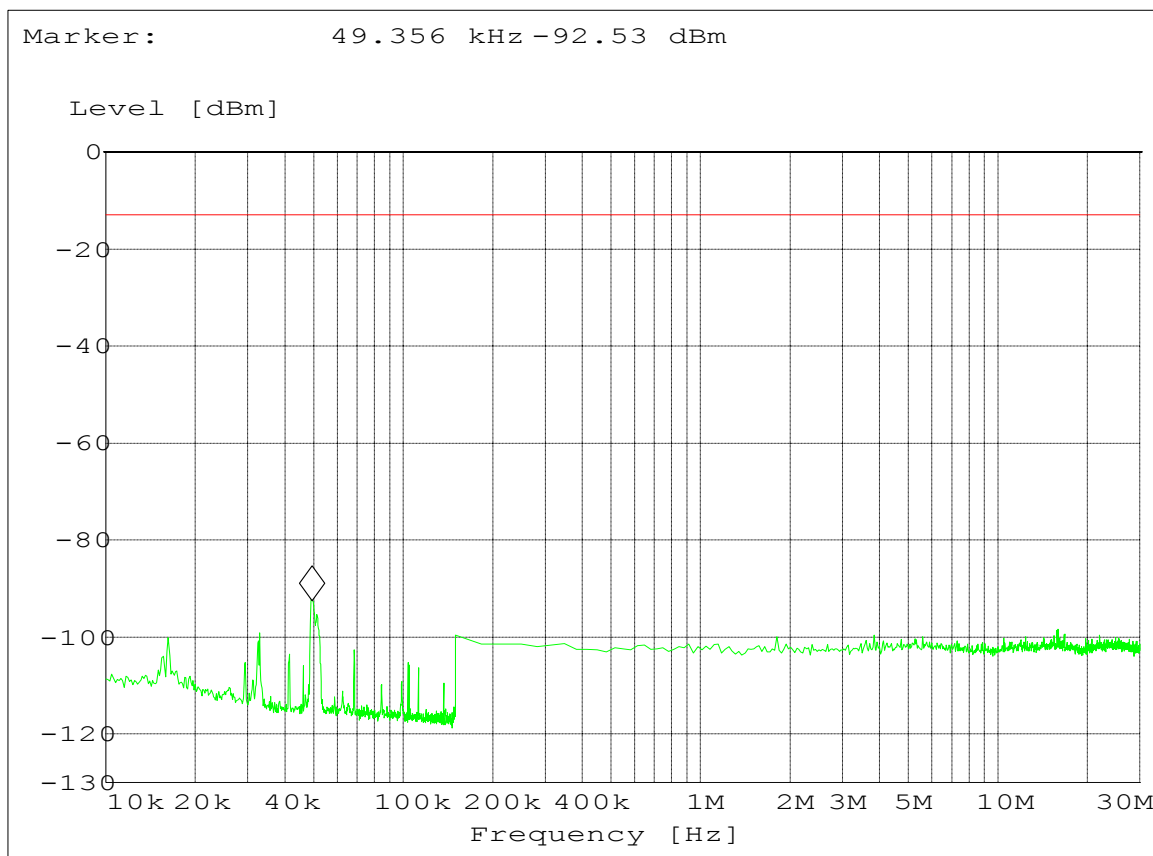
Appendix E

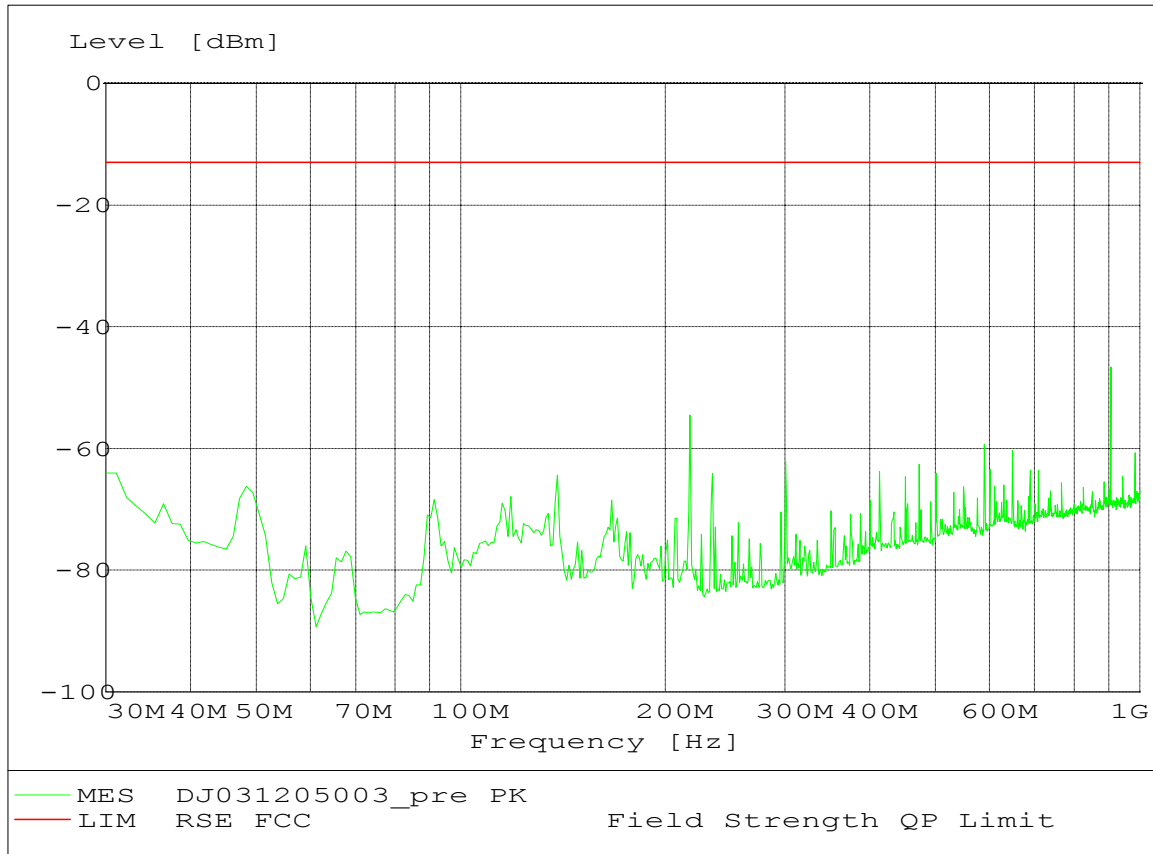
Field Strength of Spurious Radiation Measurements

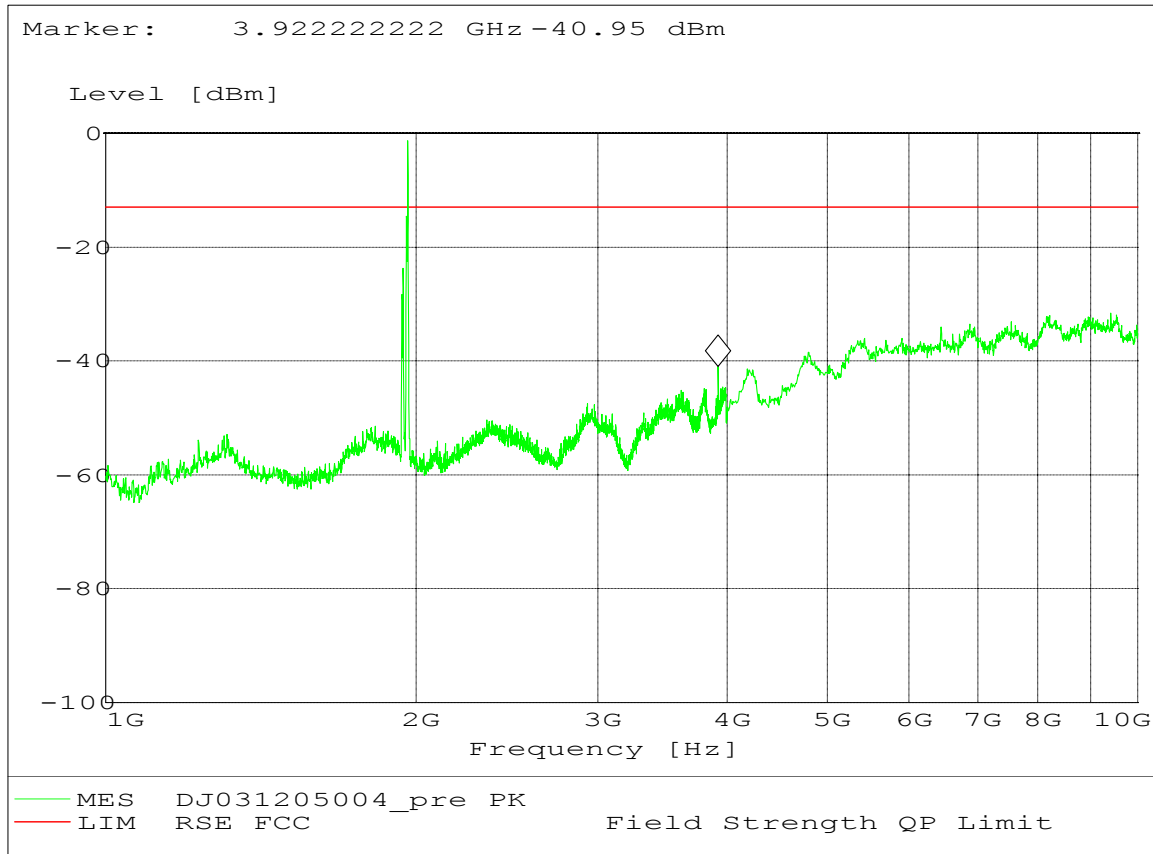
According to CFR 47 (FCC) part 2.1053

The Result of Spurious Radiation Test

12 carriers have been work normally. BTS work at frequency
No.200(1940MHz), No.300(1945MHz), No.800(1970MHz), No.900(1975MHz),
No.1000(1980MHz), No.1100(1985MHz), and every two transceiver have
been set to same frequency.



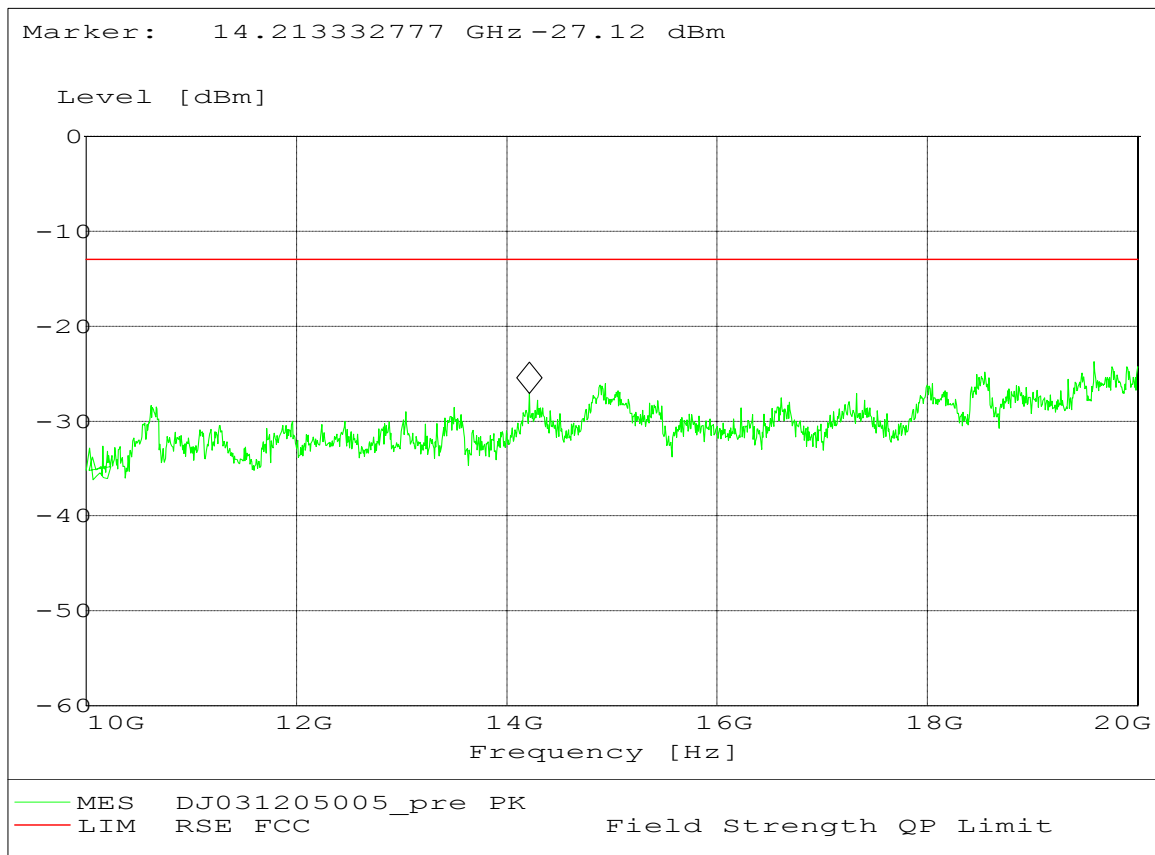




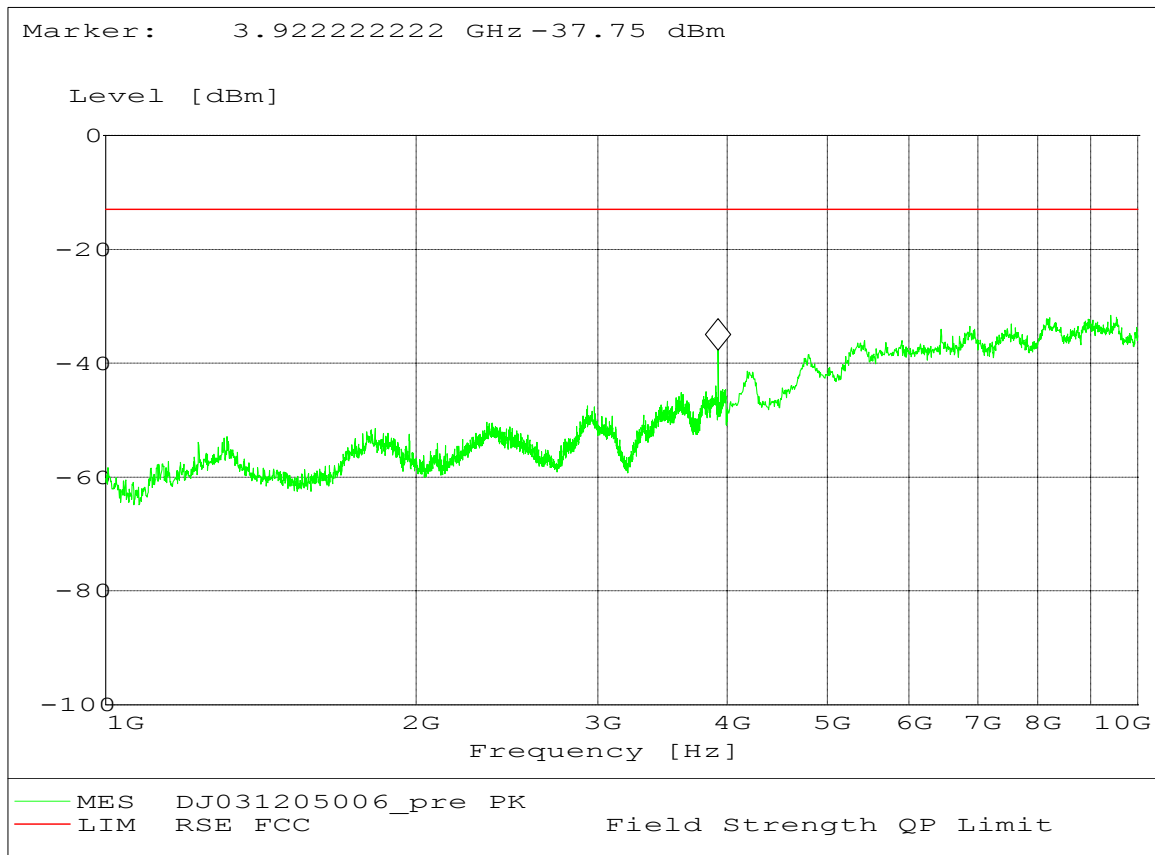
The point which exceeds the limit line is the carrier frequency.

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The Result of Substitute Test



Appendix F

Frequency Stability Measurements

According to CFR 47 (FCC) part 2.1055

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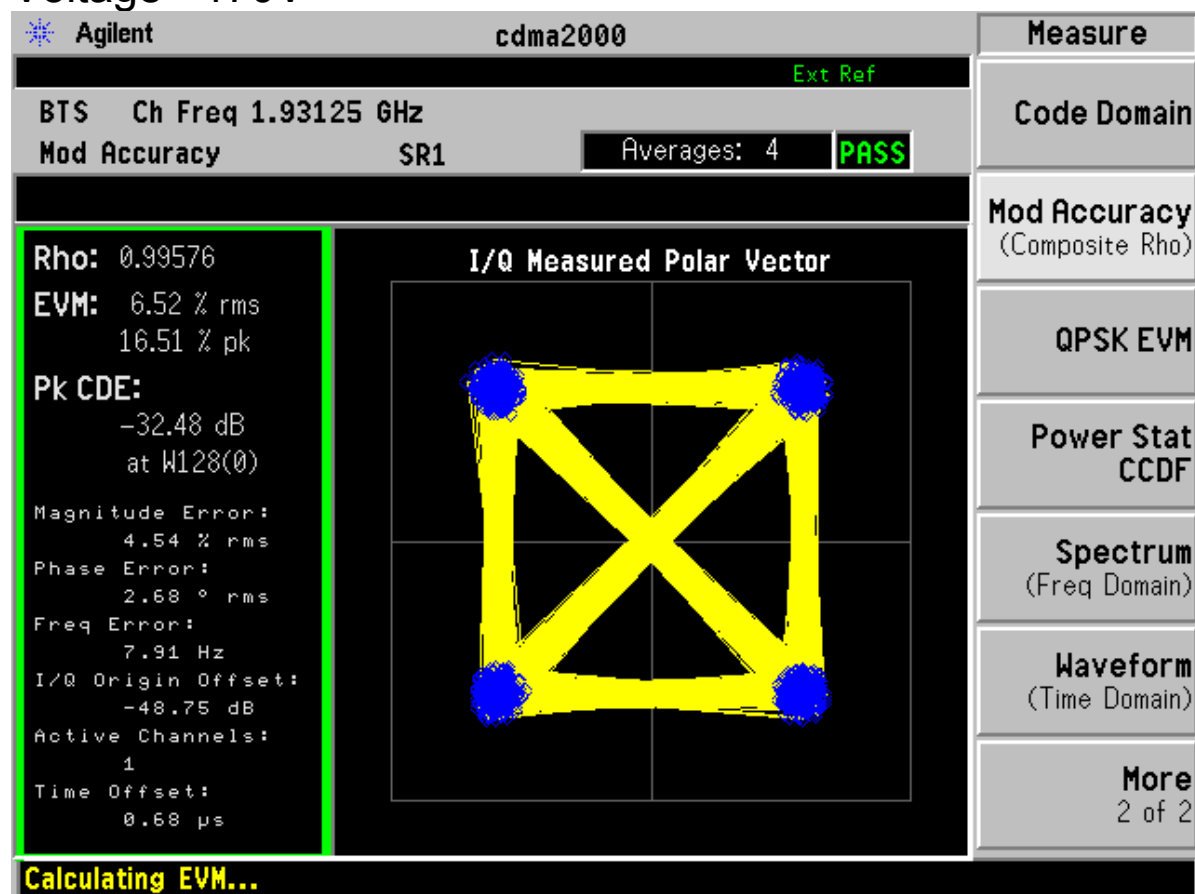
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Frequency Stability versus Voltage

TRX1: Channel No. 25(1931.25MHz)

Voltage= 170V



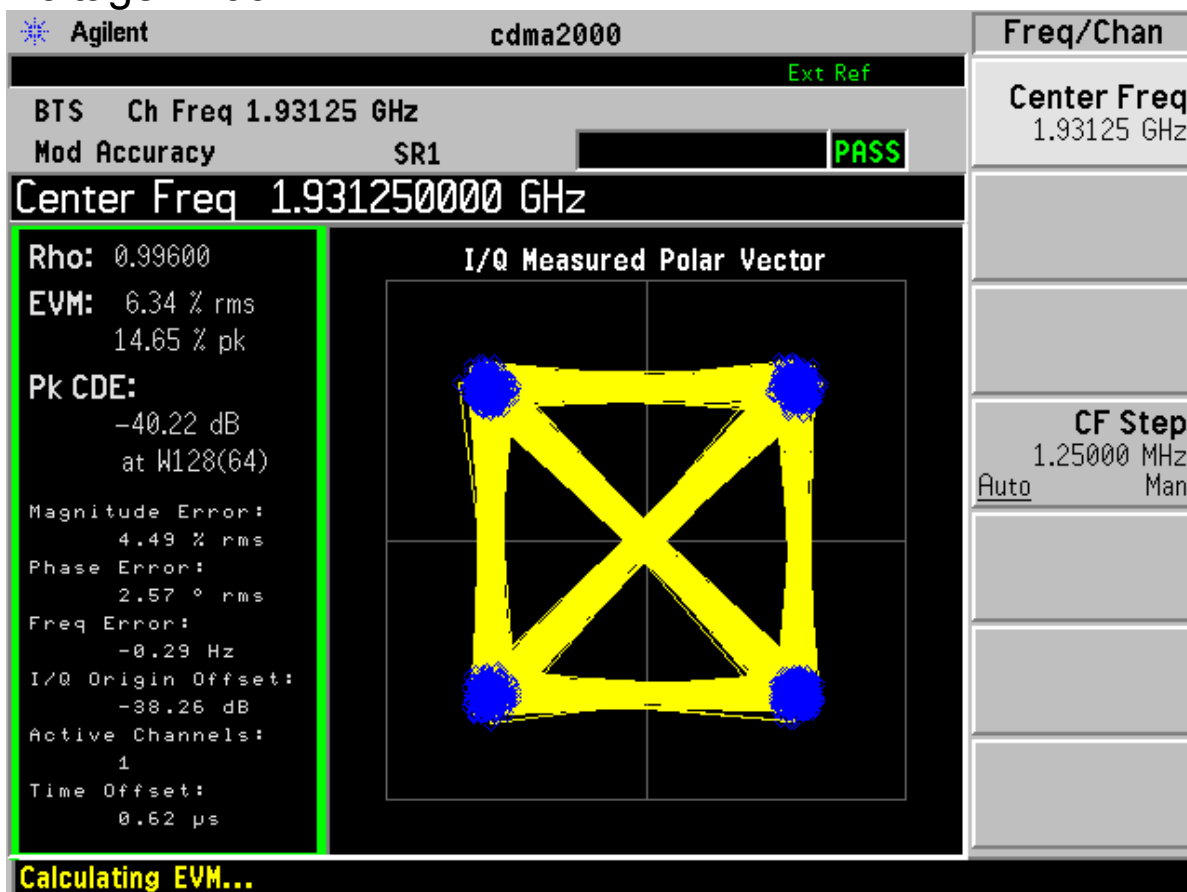
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Voltage= 200V



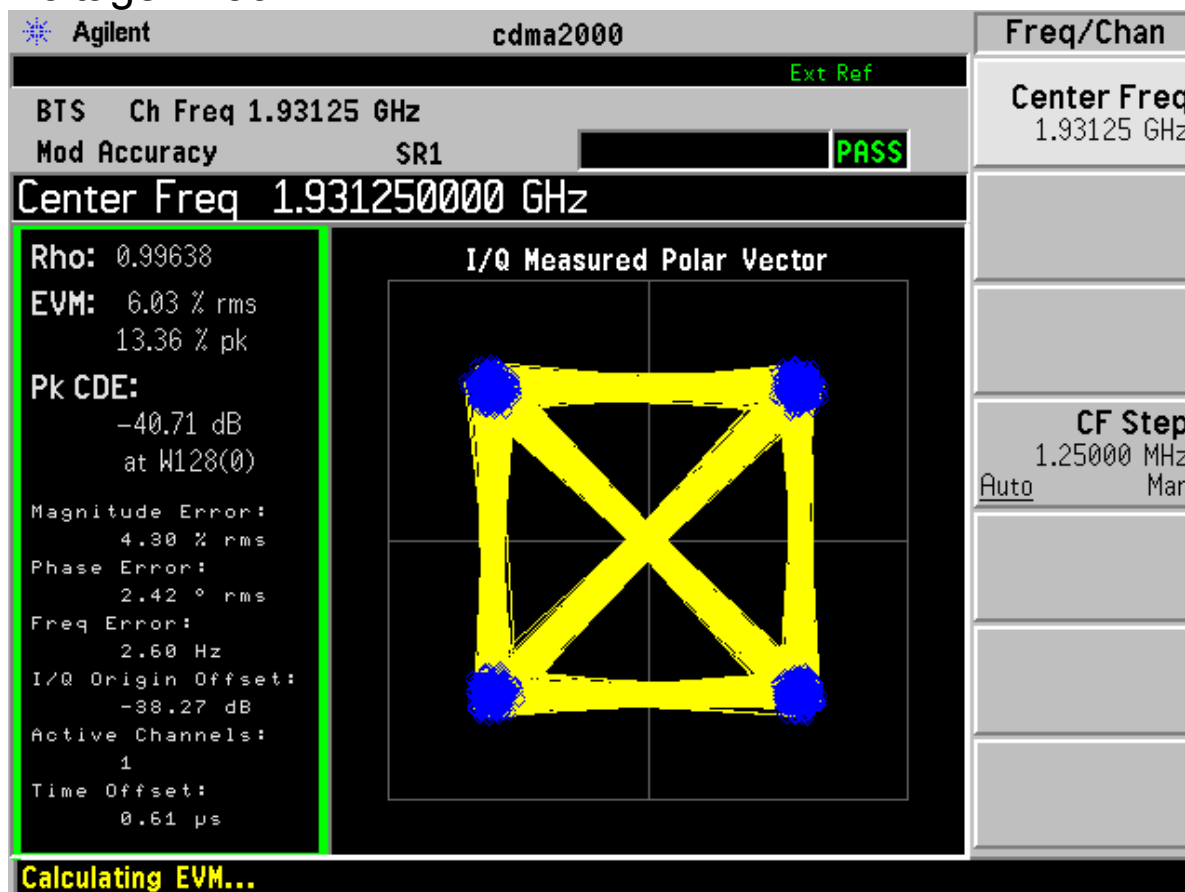
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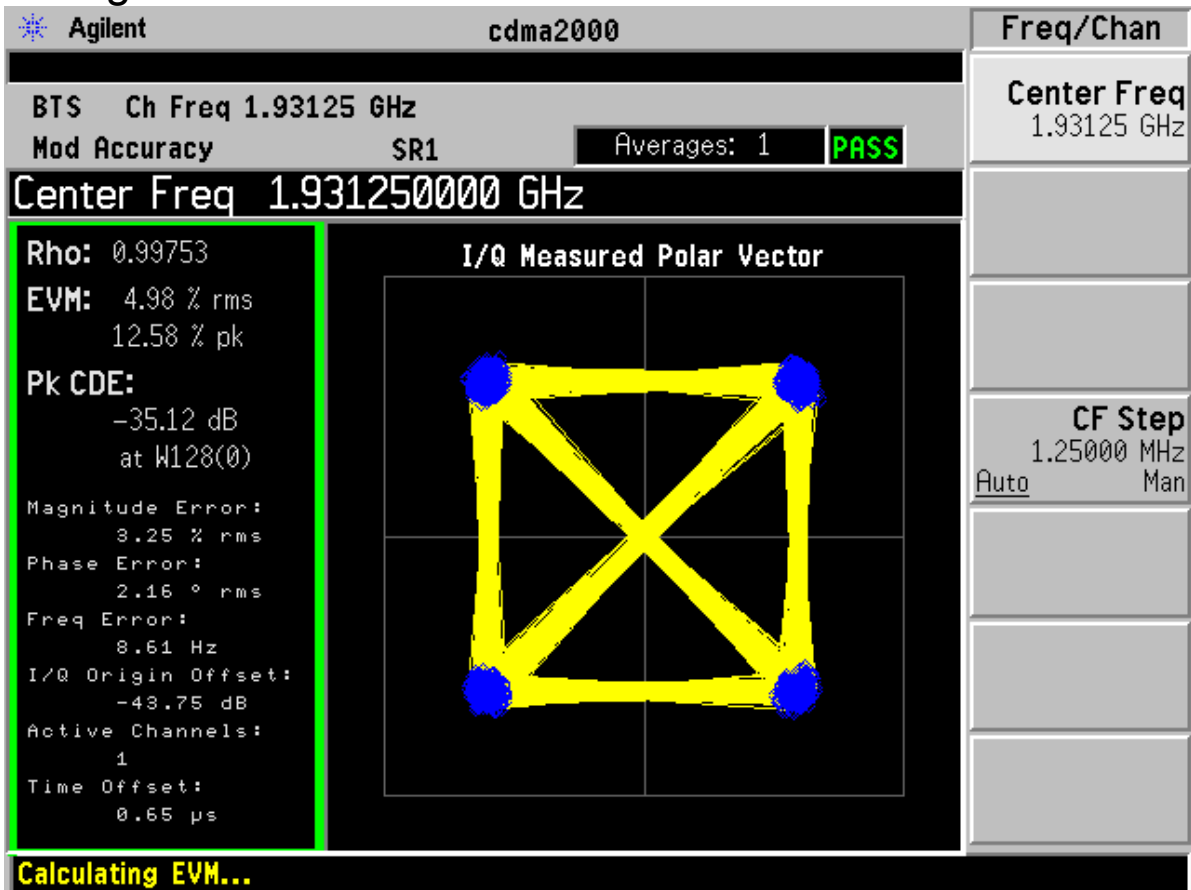
Voltage= 230V



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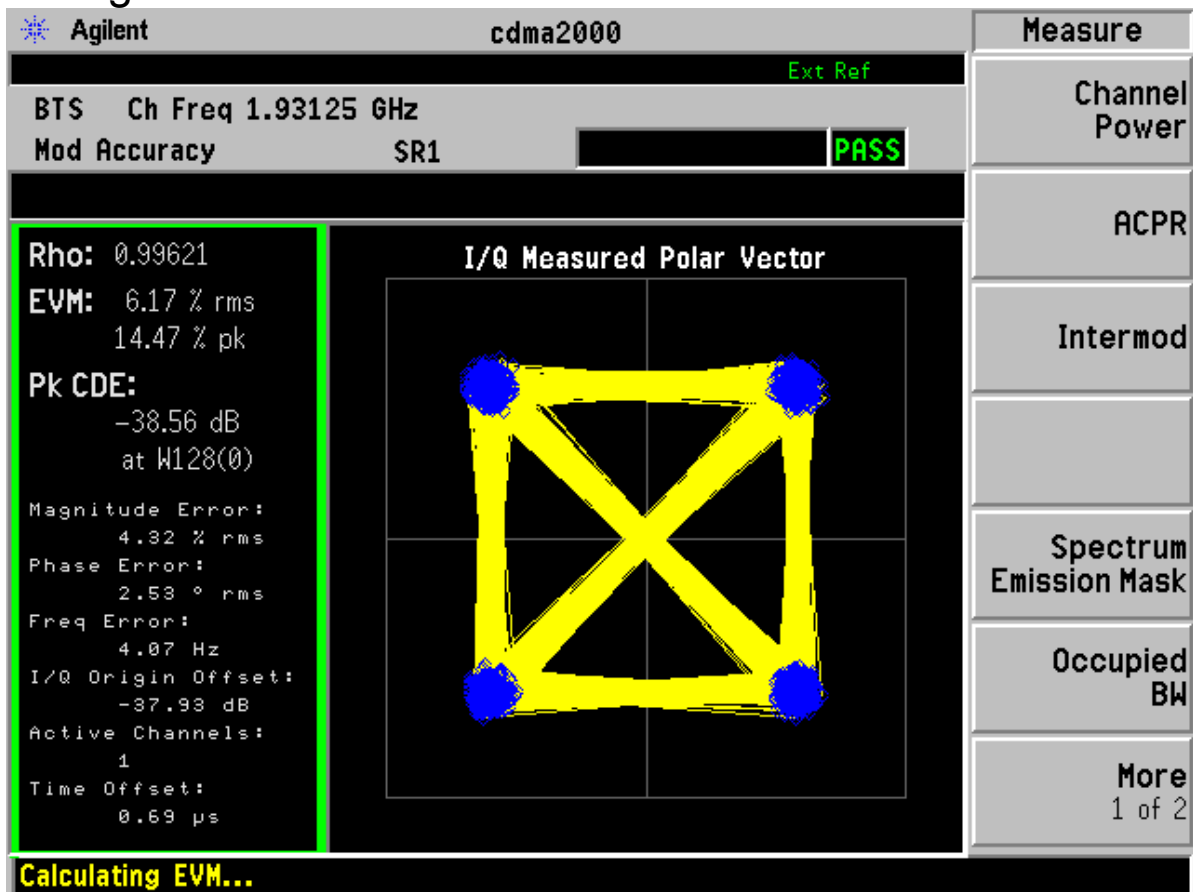
Voltage= 204V



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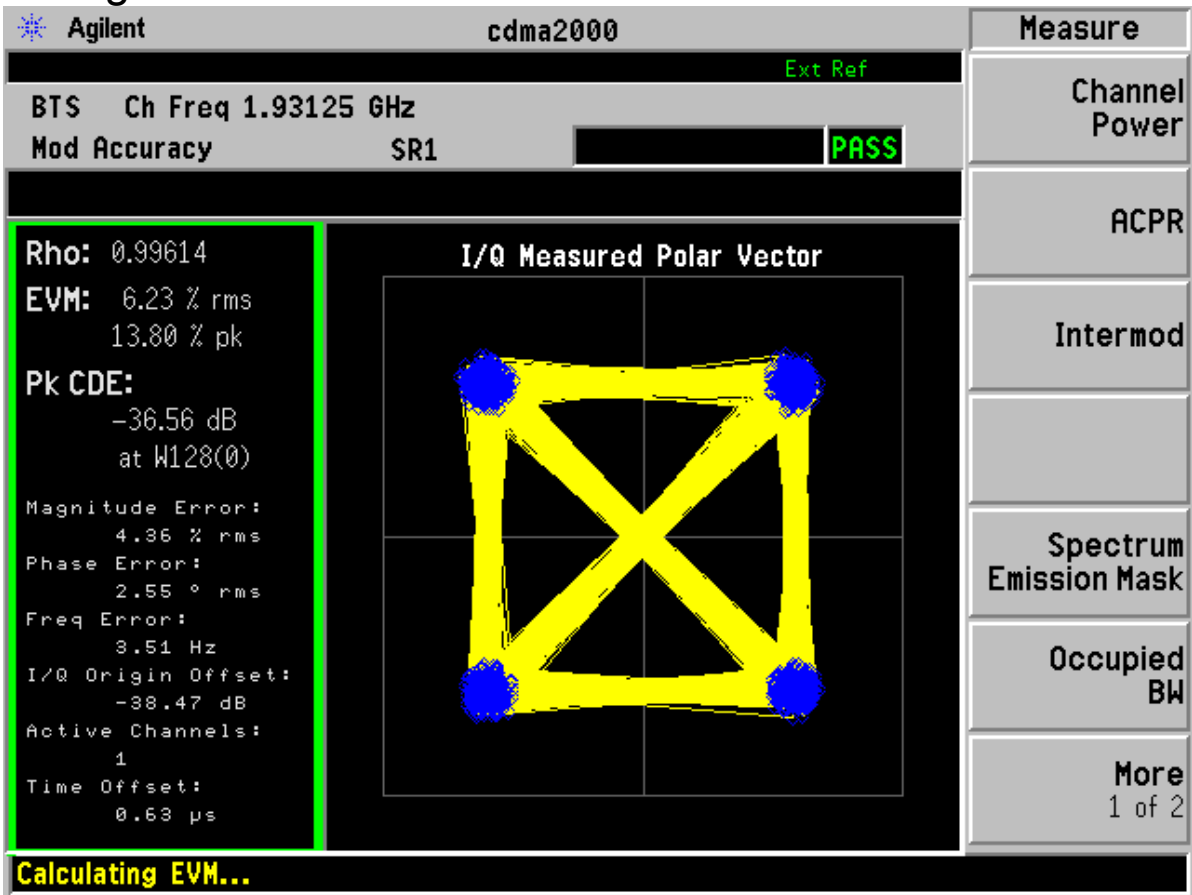
Voltage= 240V



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Voltage= 276V

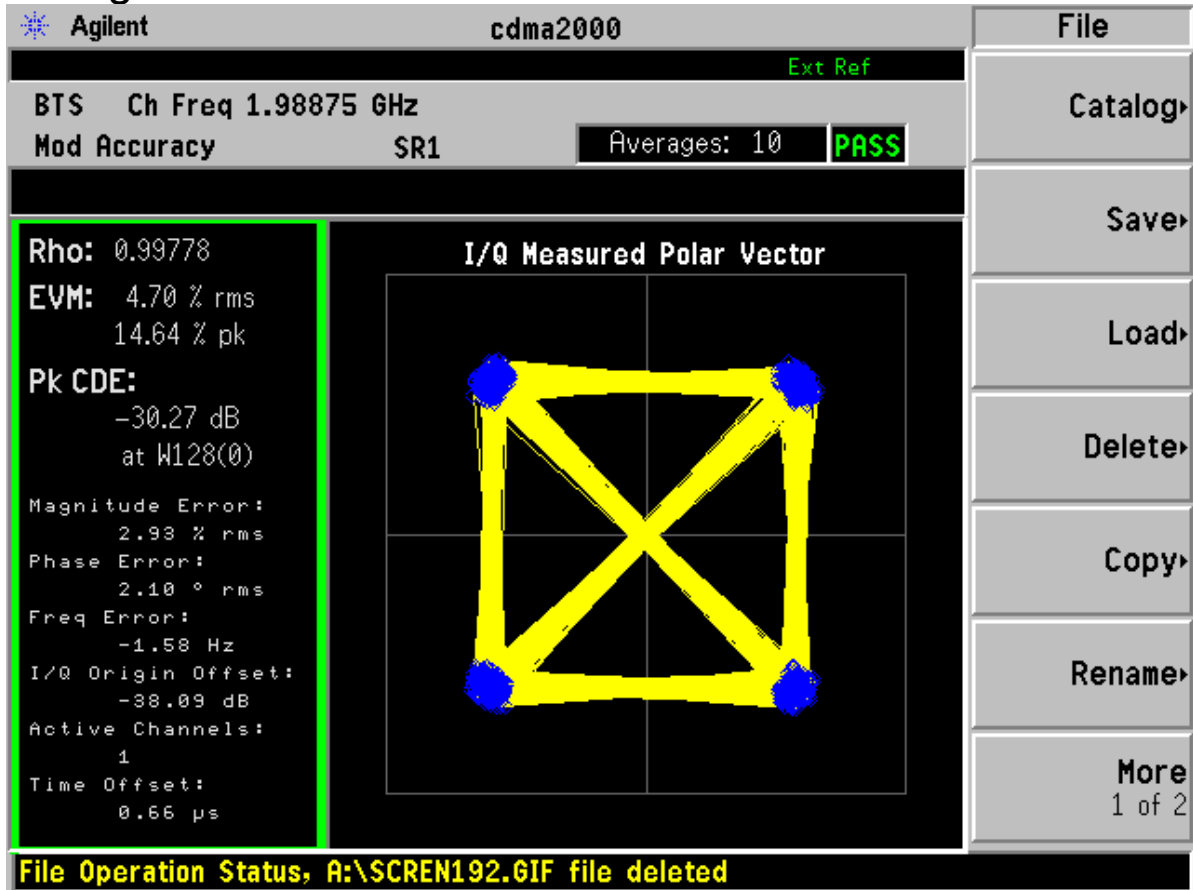


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TRX2: Channel No. 1175(1988.75MHz)

Voltage= 170V



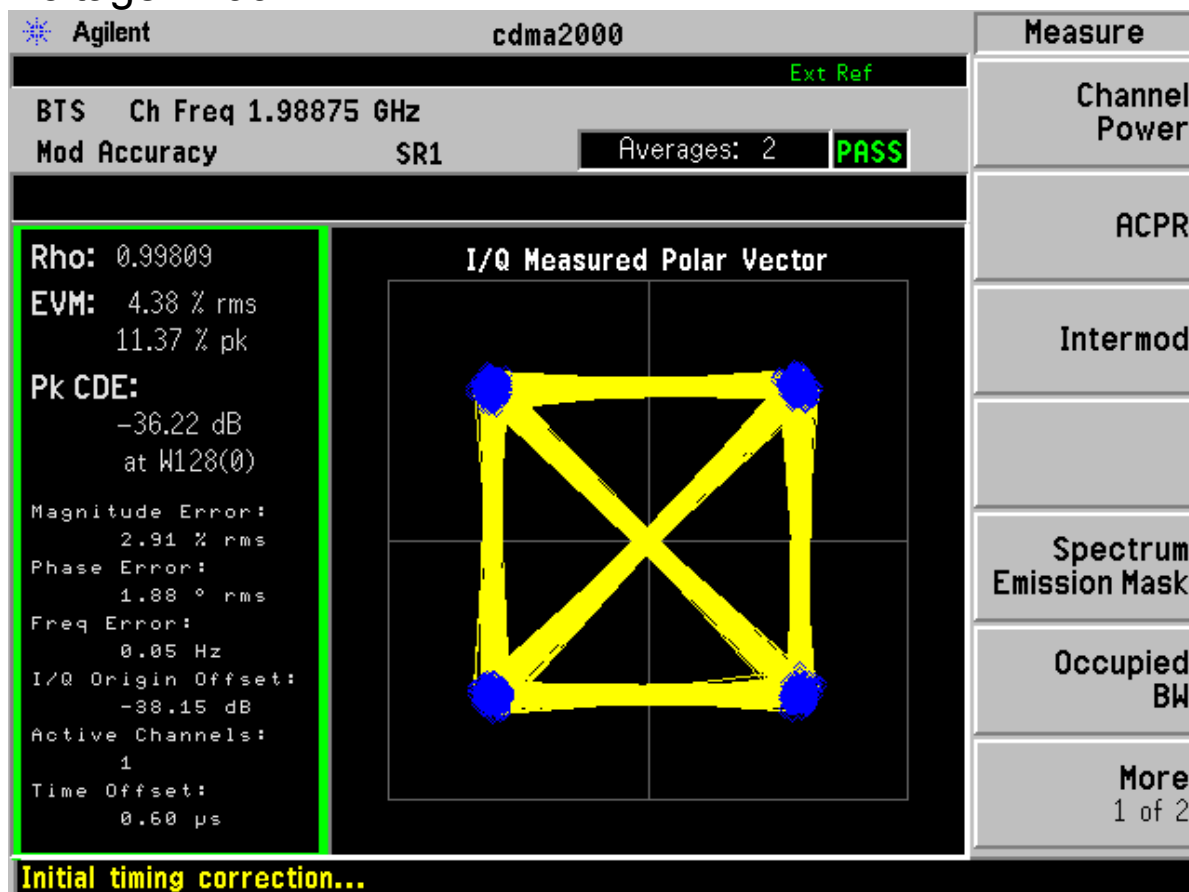
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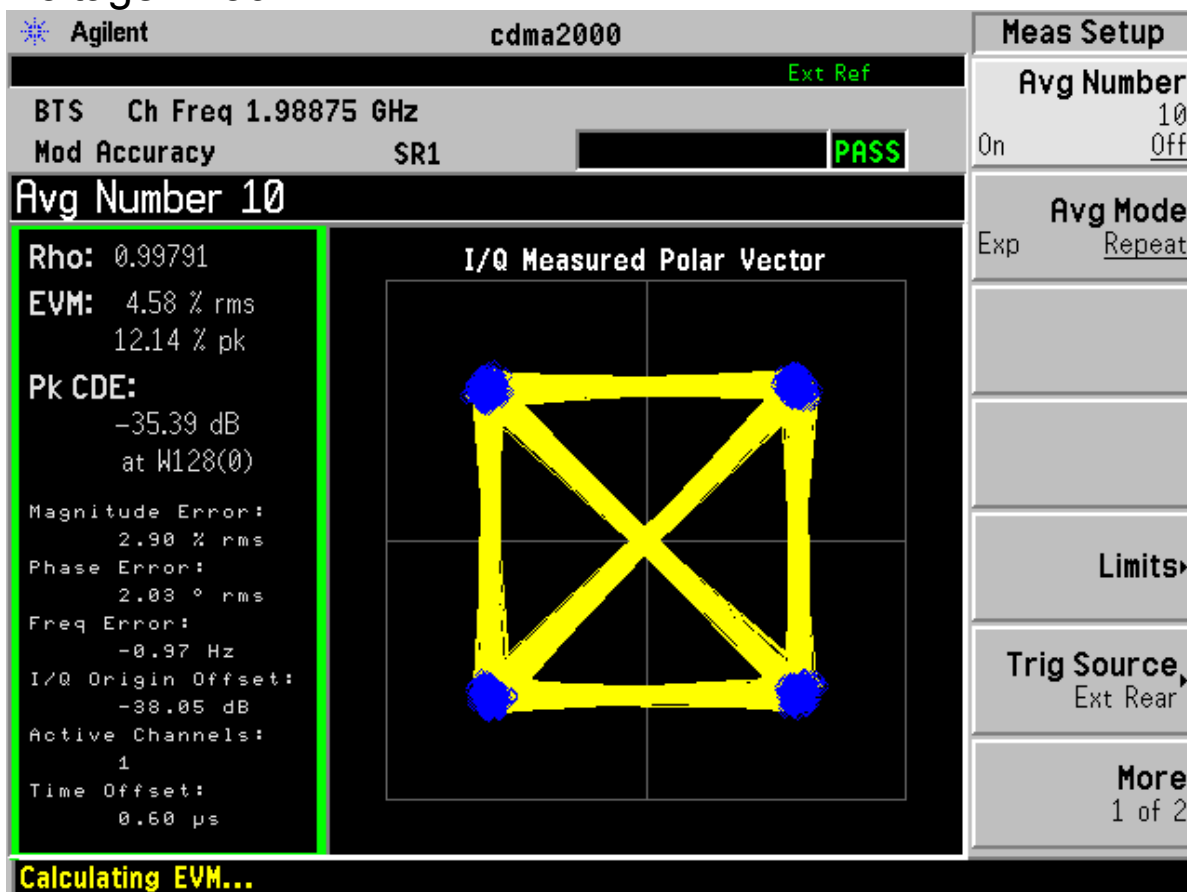
Voltage= 200V



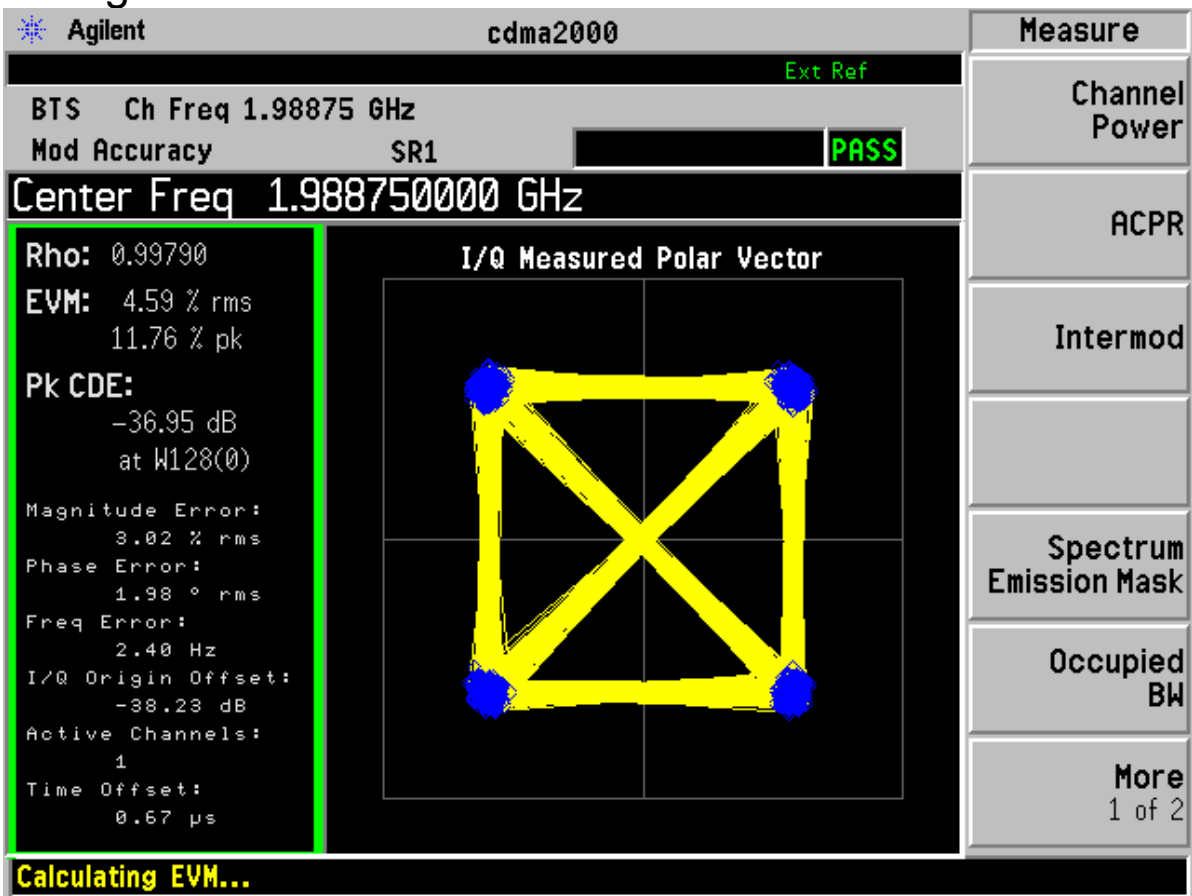
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Voltage= 230V



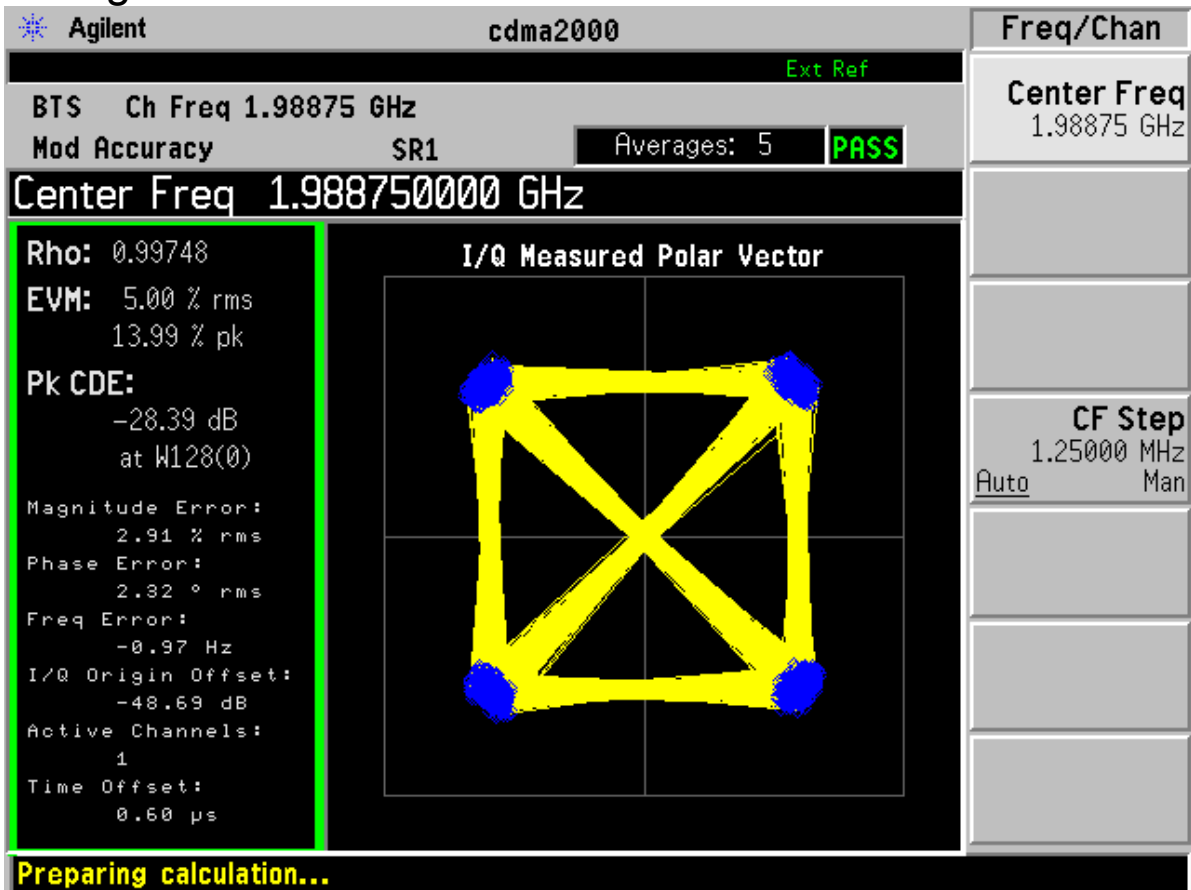
Voltage= 204V



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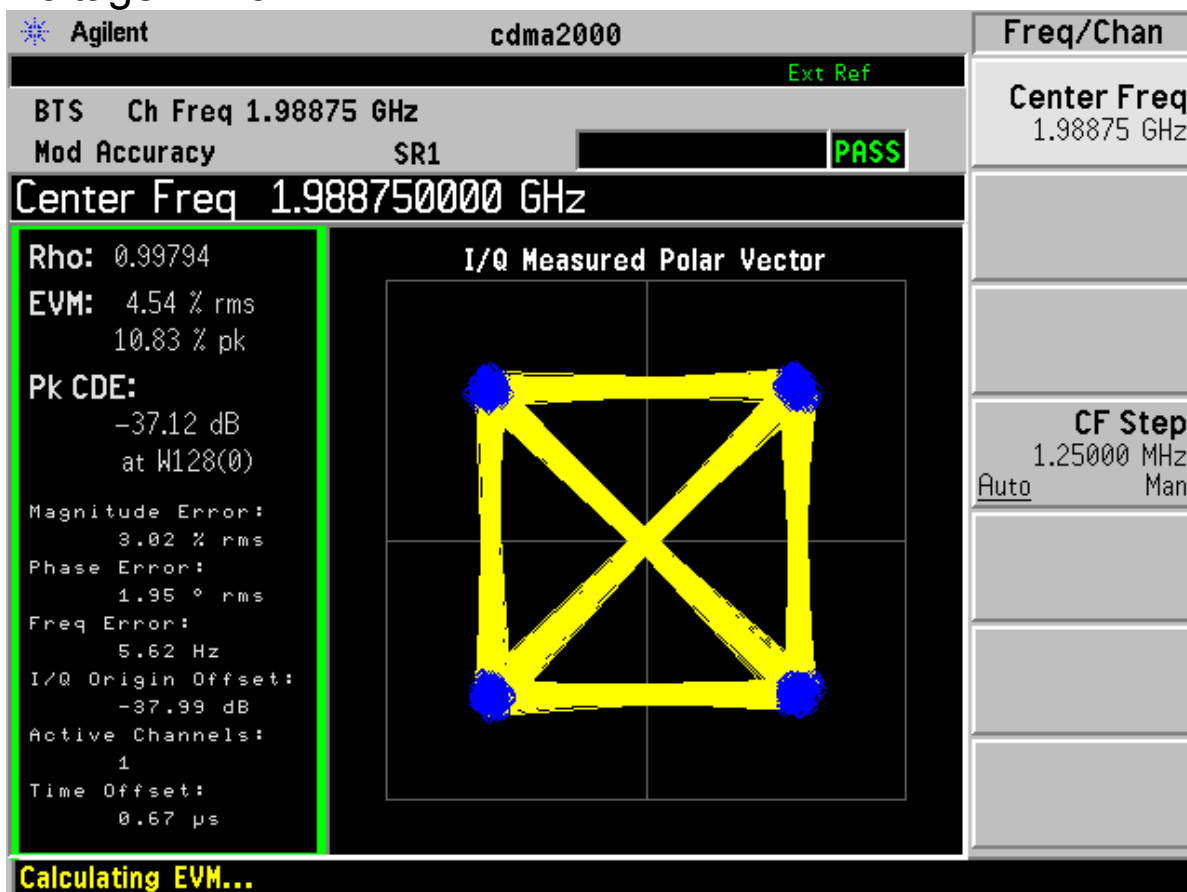
Voltage= 240V



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Voltage= 276V



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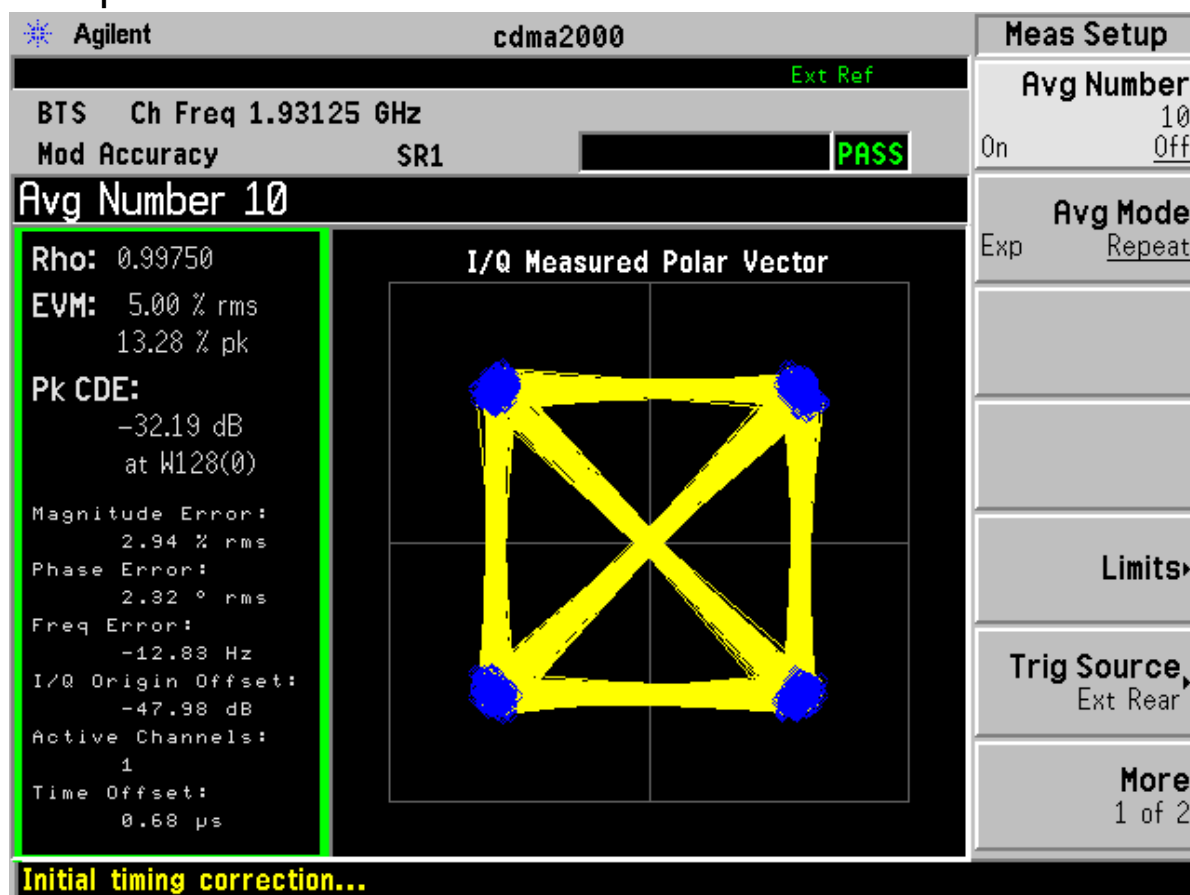
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Frequency Stability versus Temperature

TRX1: Channel No. 25(1931.25MHz)

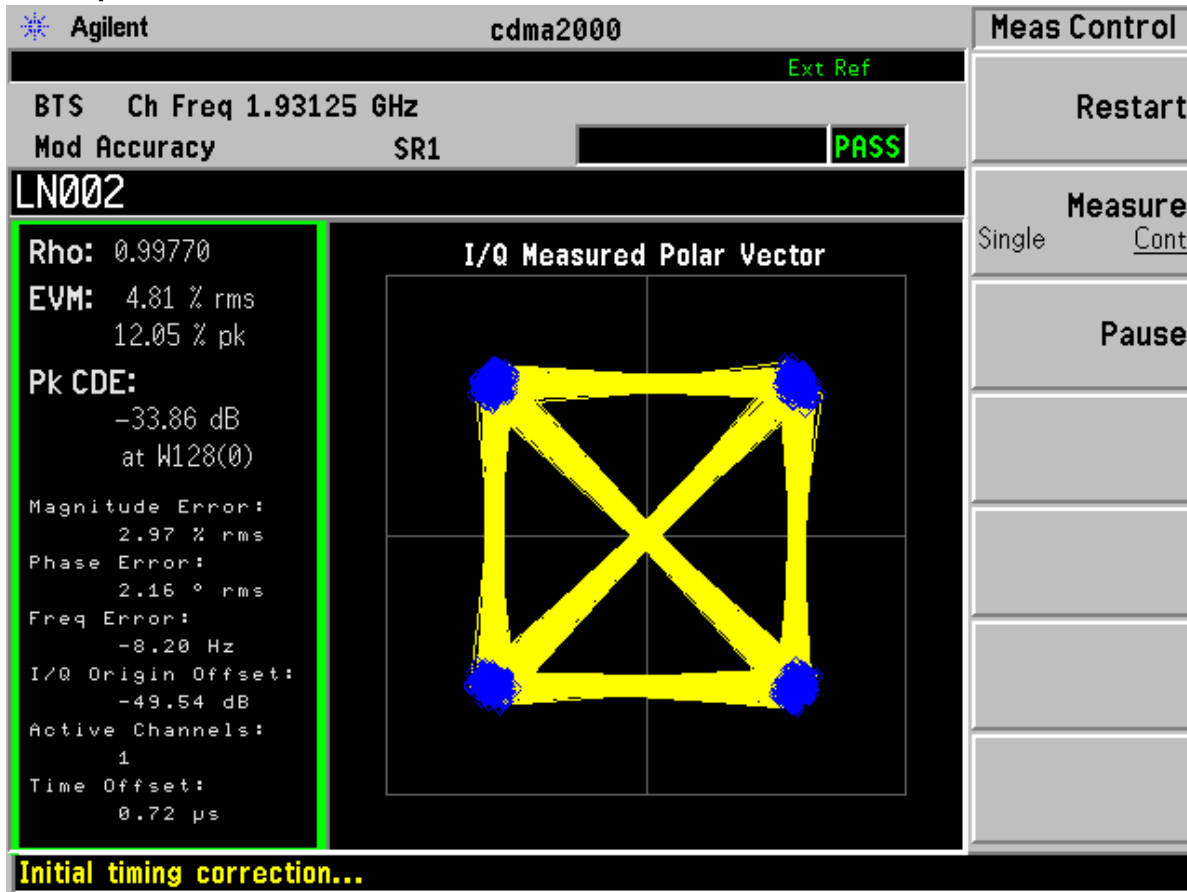
Temperature = - 30°C



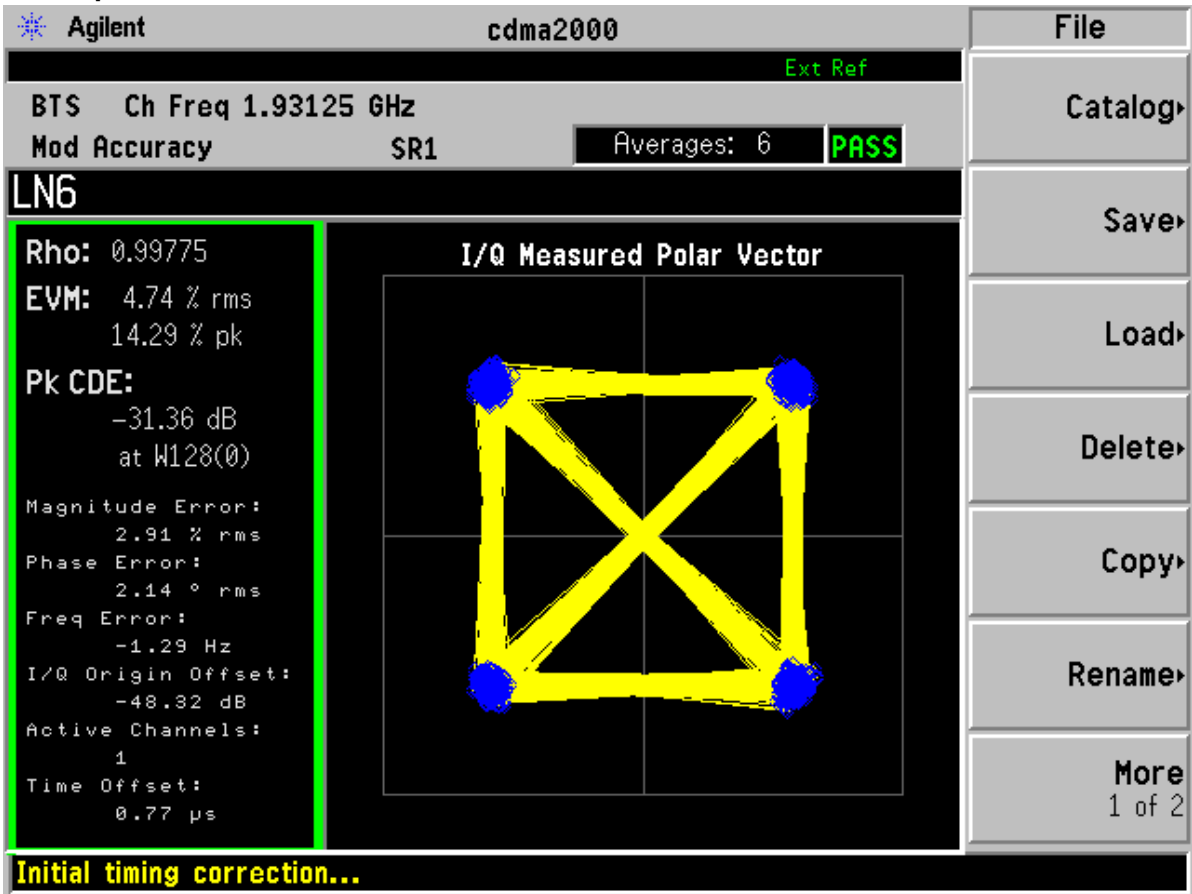
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Temperature = - 20°C



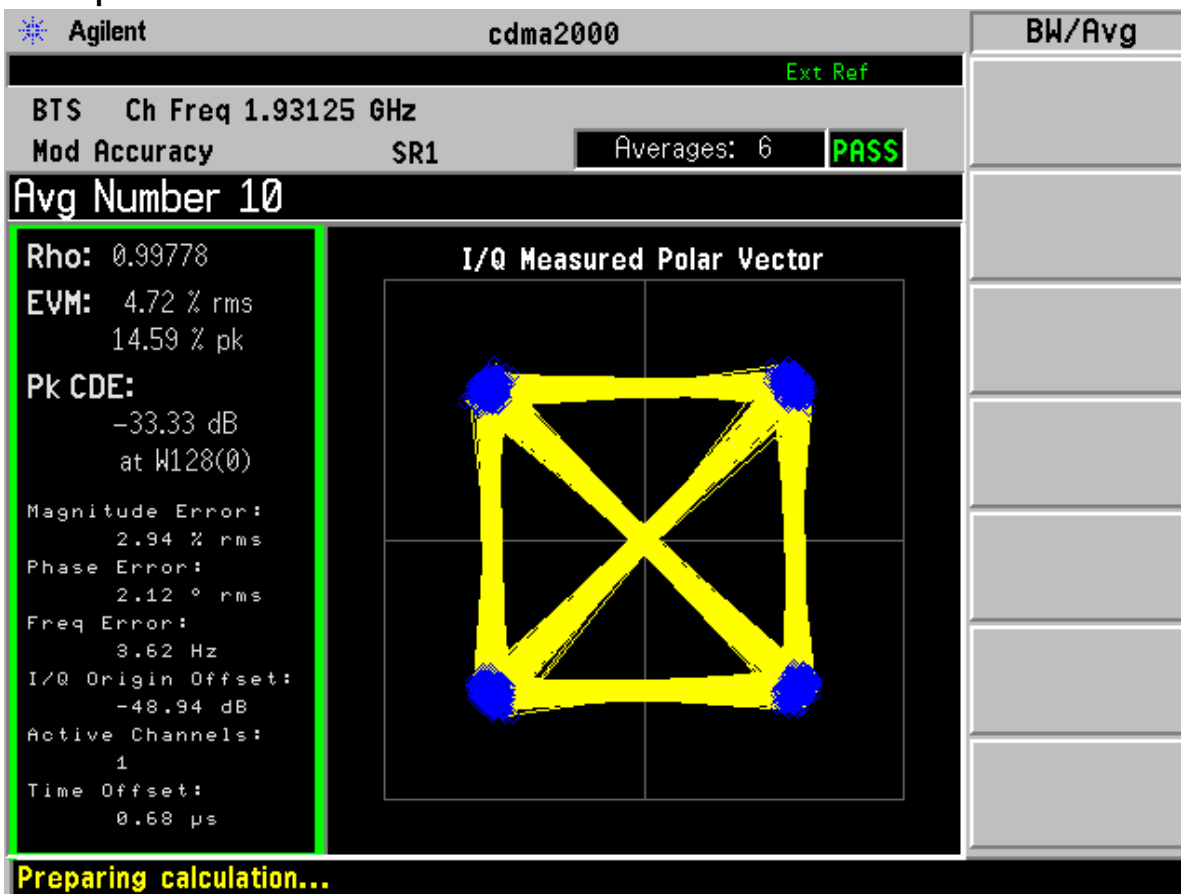
Temperature = - 10°C



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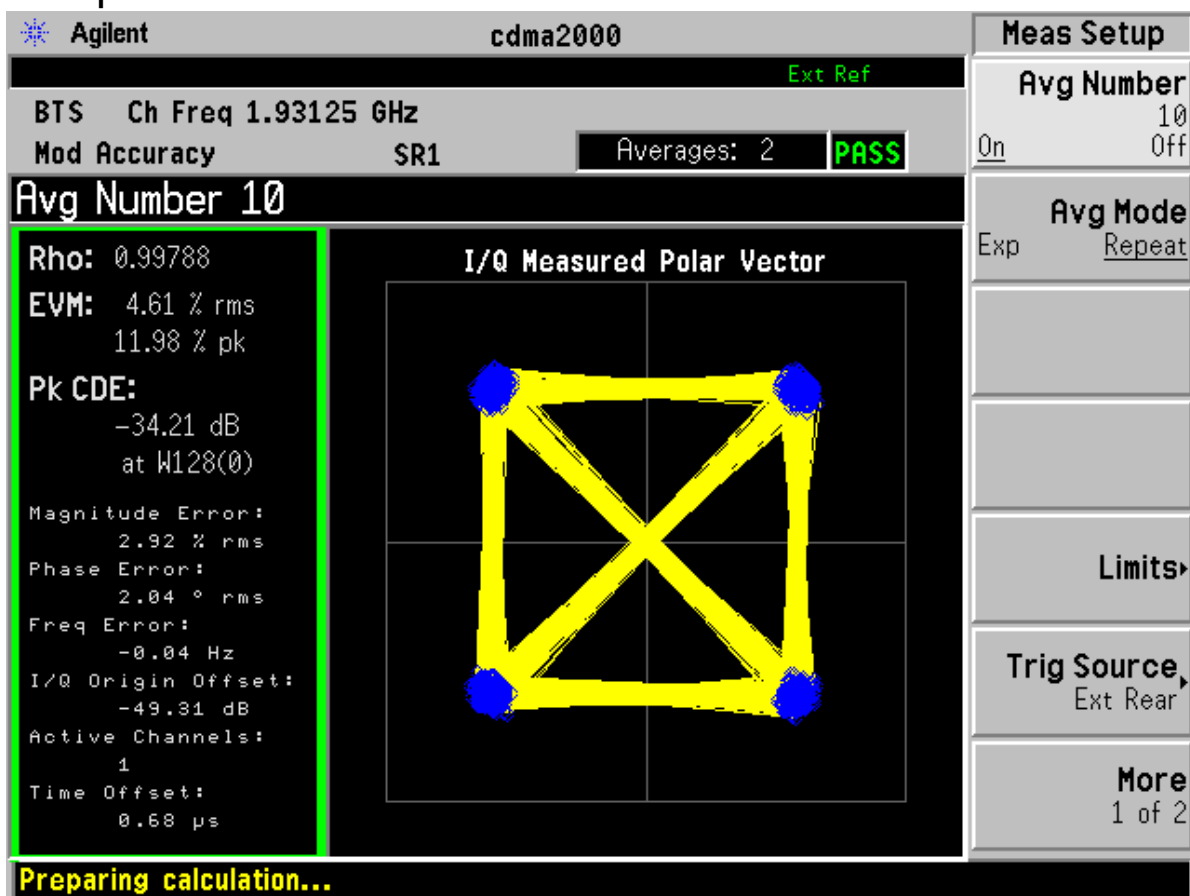
Temperature = 0°C



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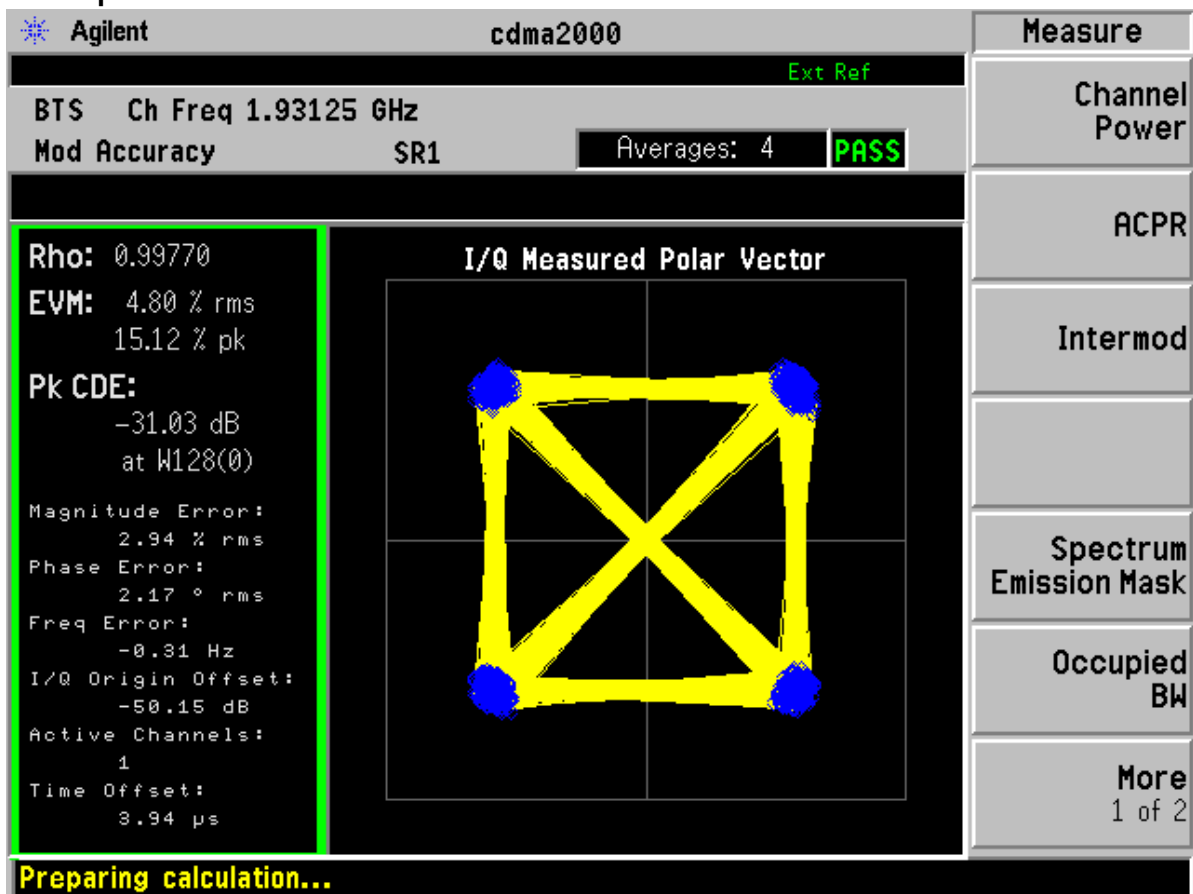
Temperature = 10°C



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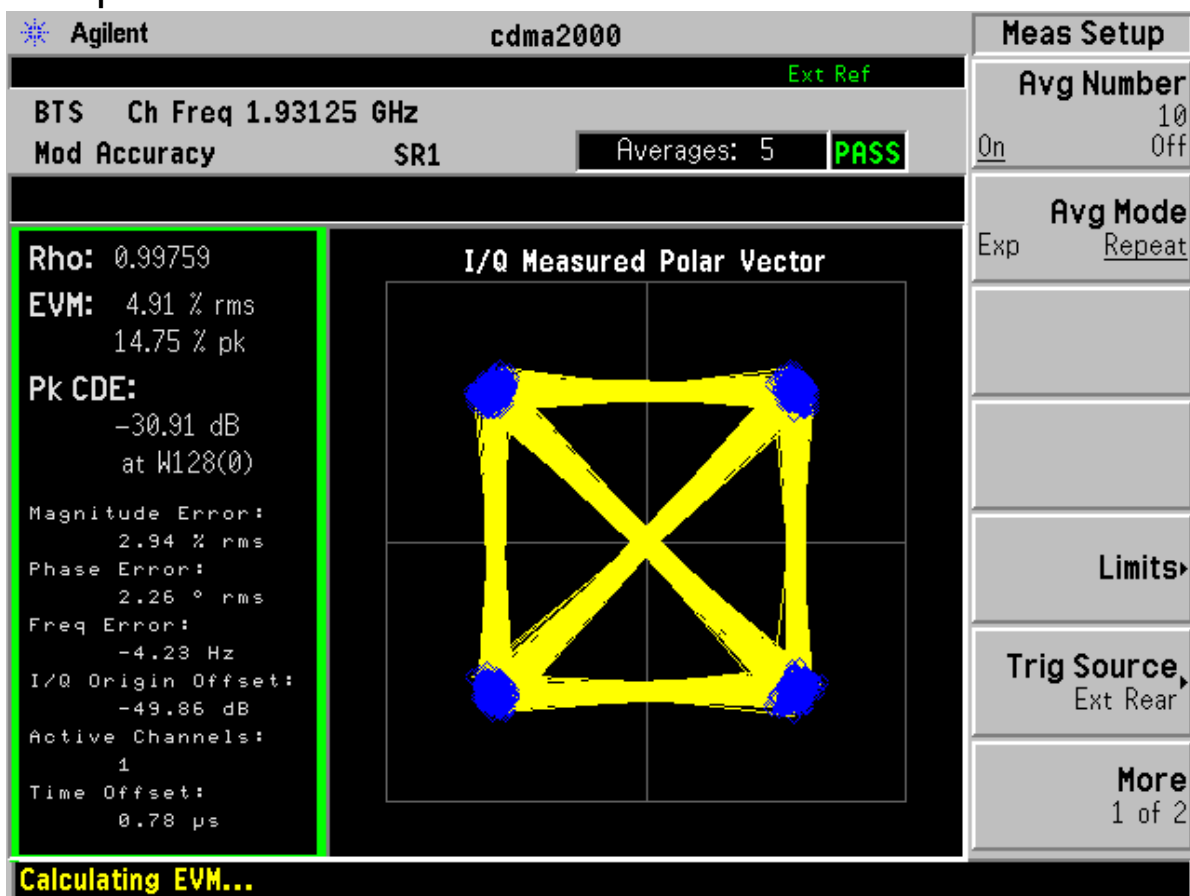
Temperature = 20°C



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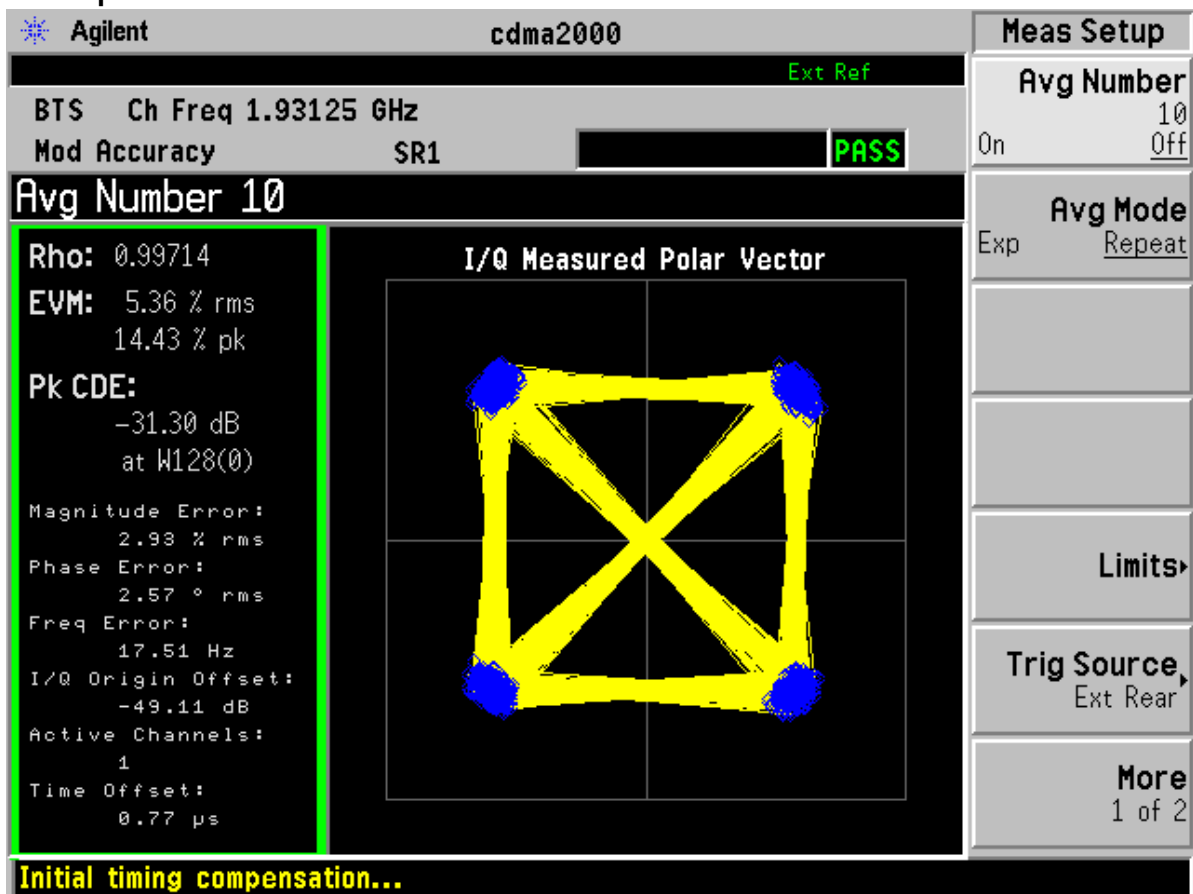
Temperature = 30°C



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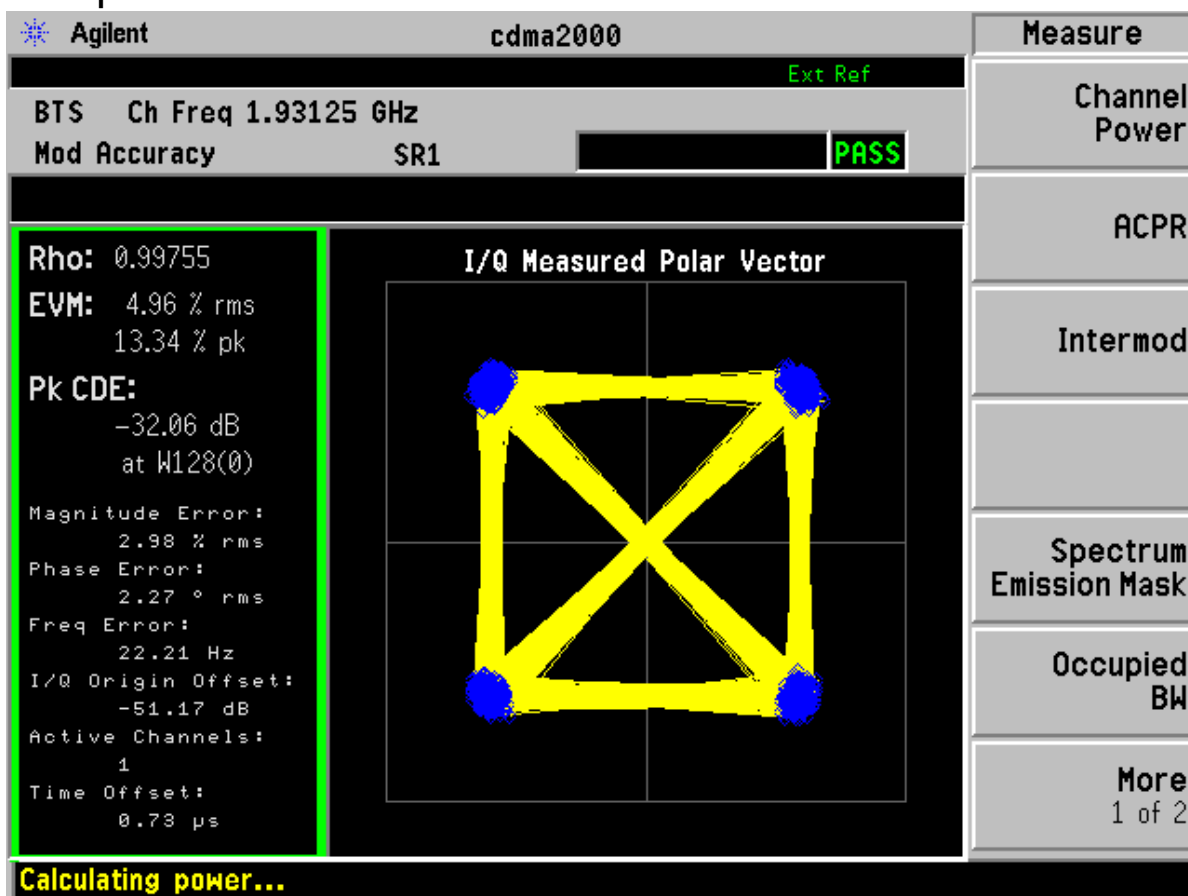
Temperature = 40°C



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Temperature = 50°C



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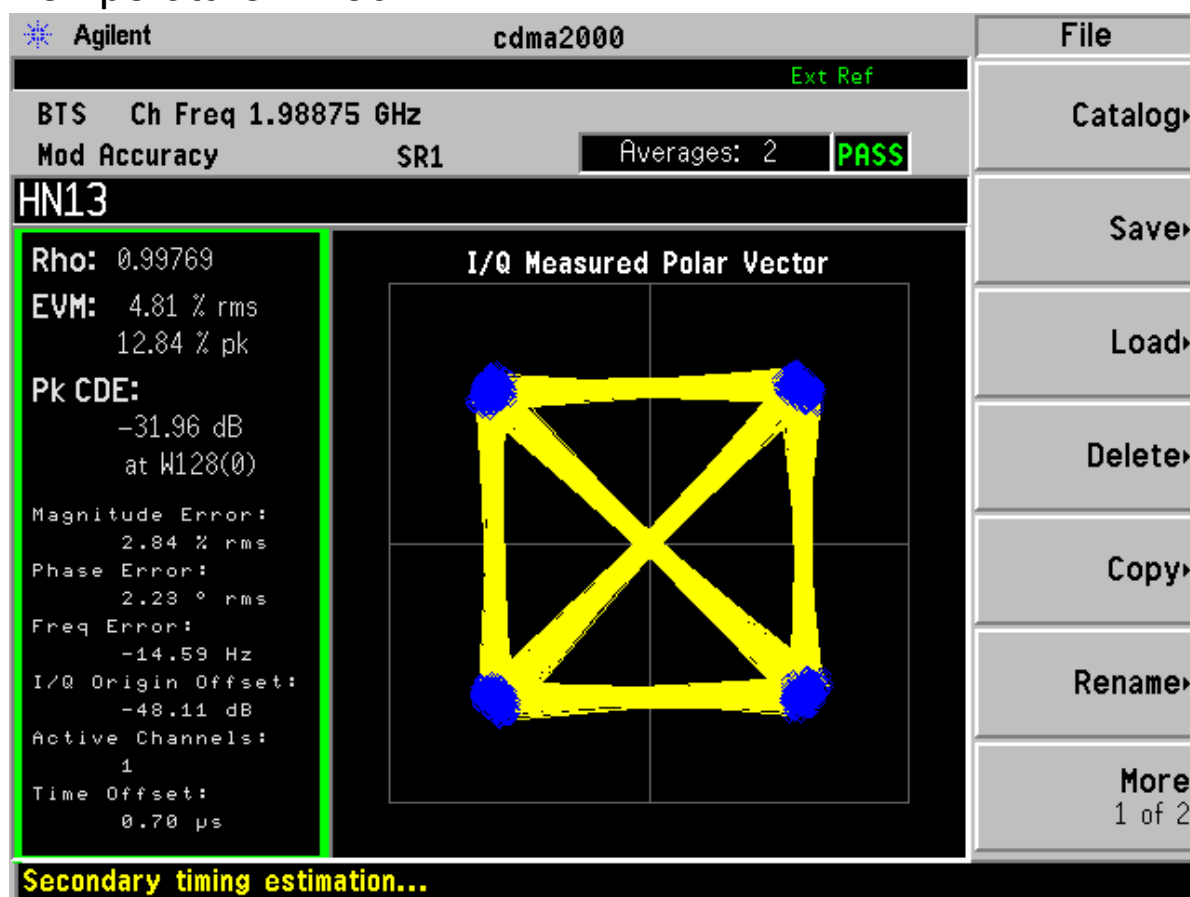
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Frequency Stability versus Temperature

TRX1: Channel No. 1175(1988.75MHz)

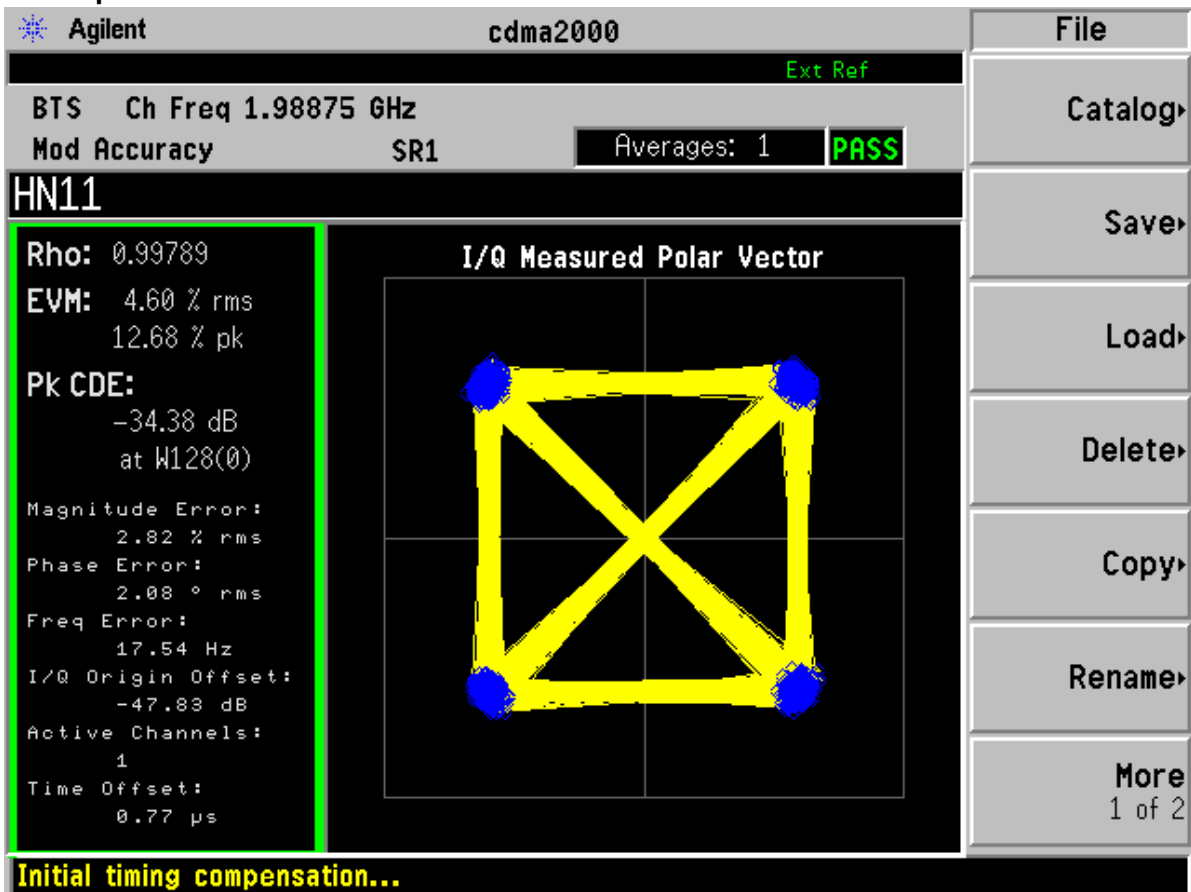
Temperature = - 30°C



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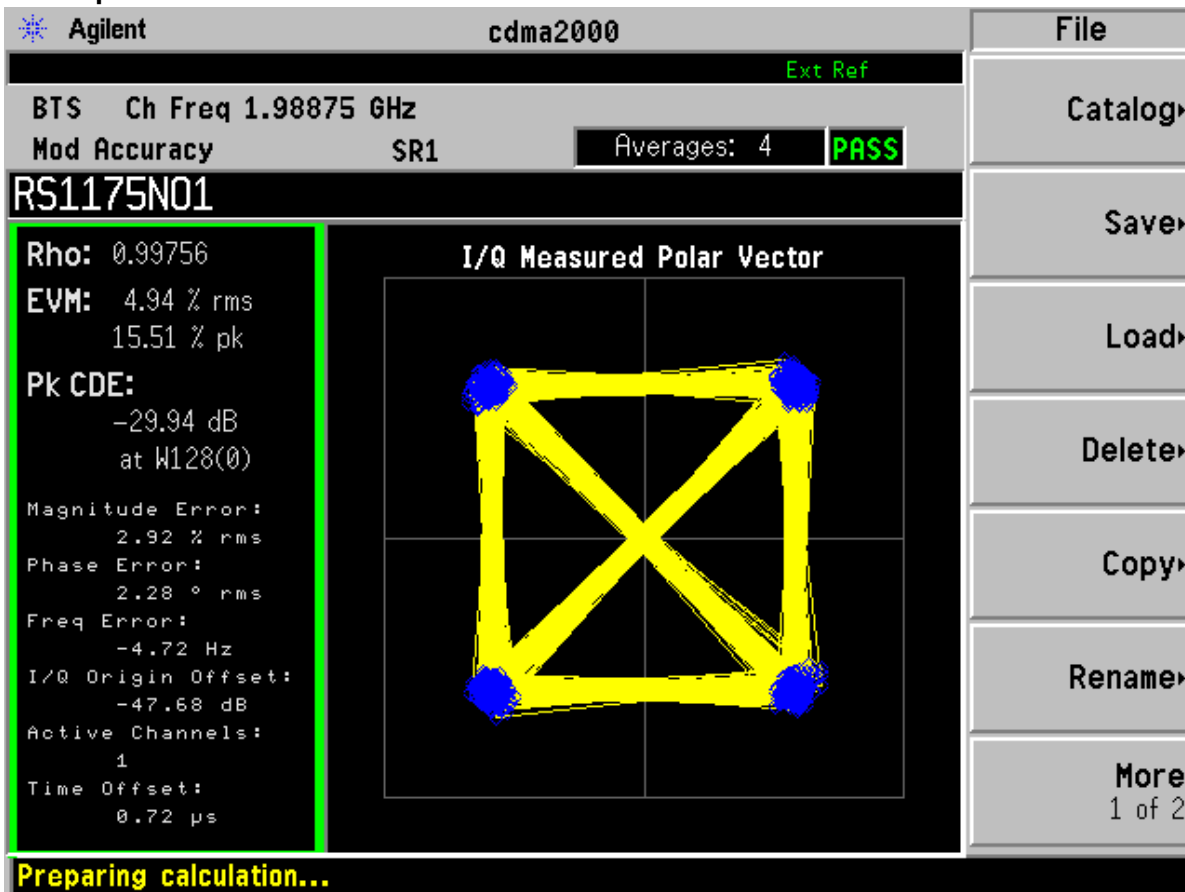
Temperature = - 20°C



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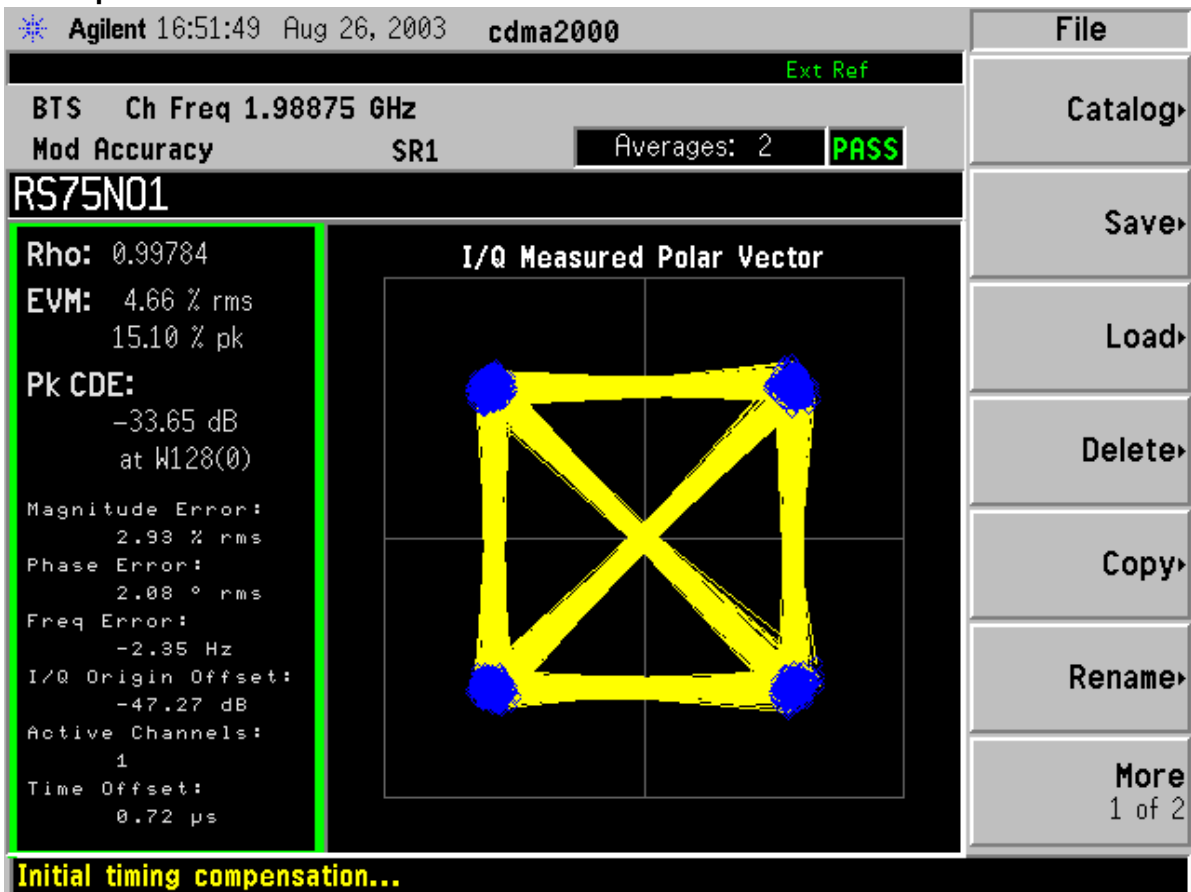
Temperature = - 10°C



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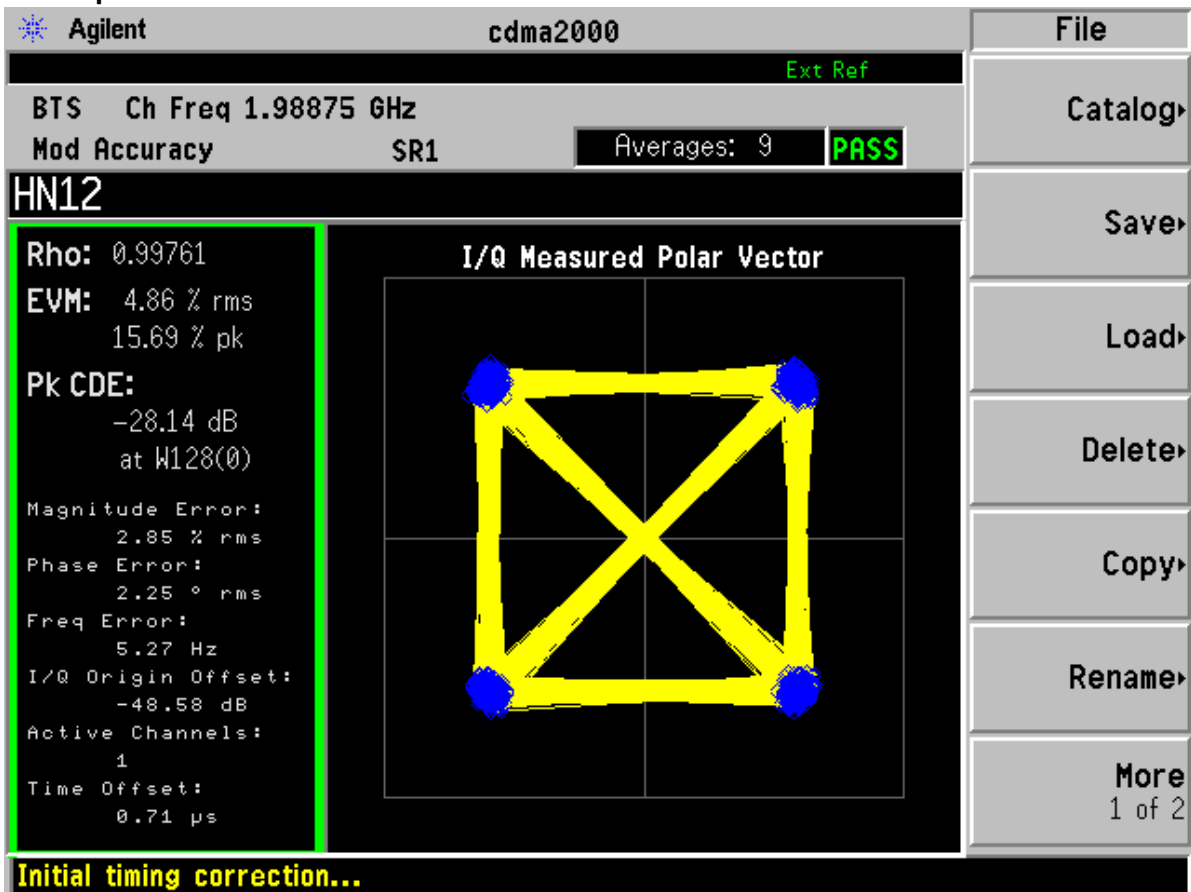
Temperature = 0°C



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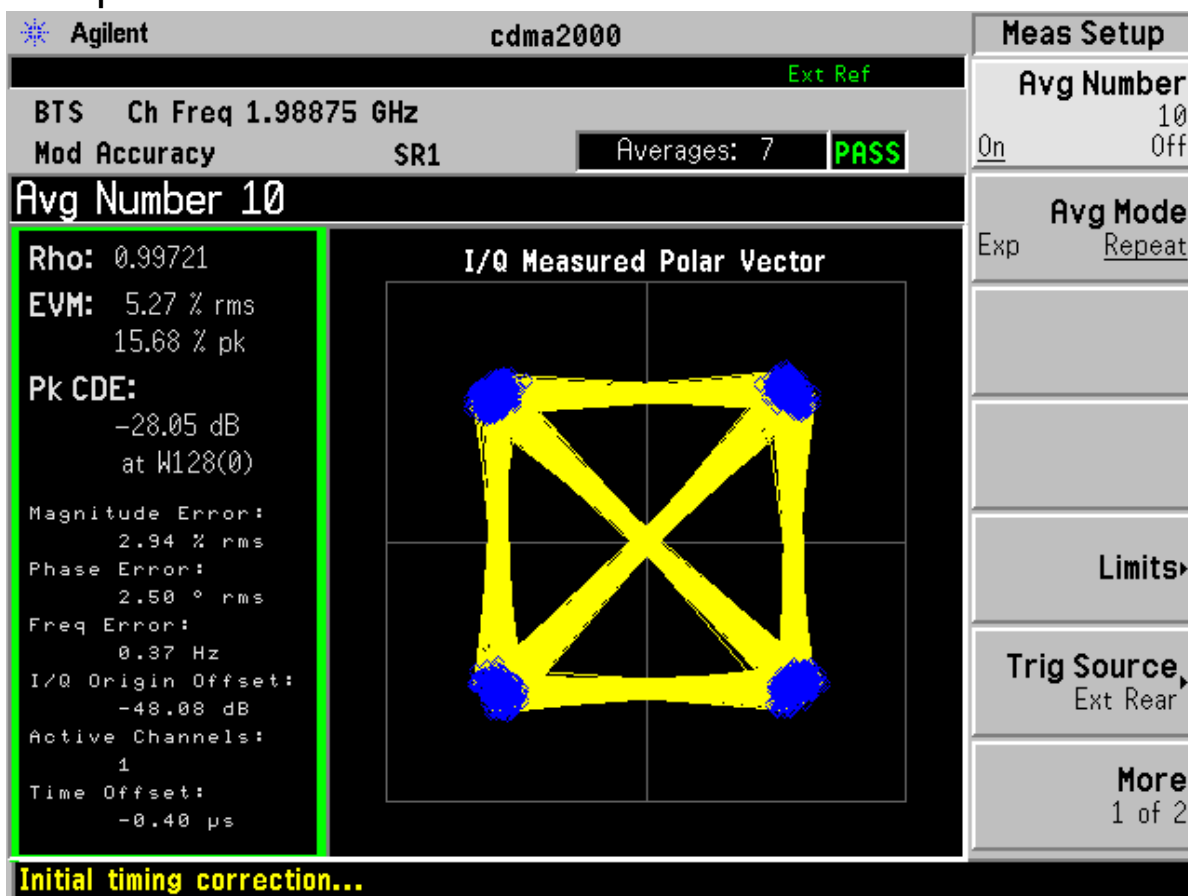
Temperature = 10°C



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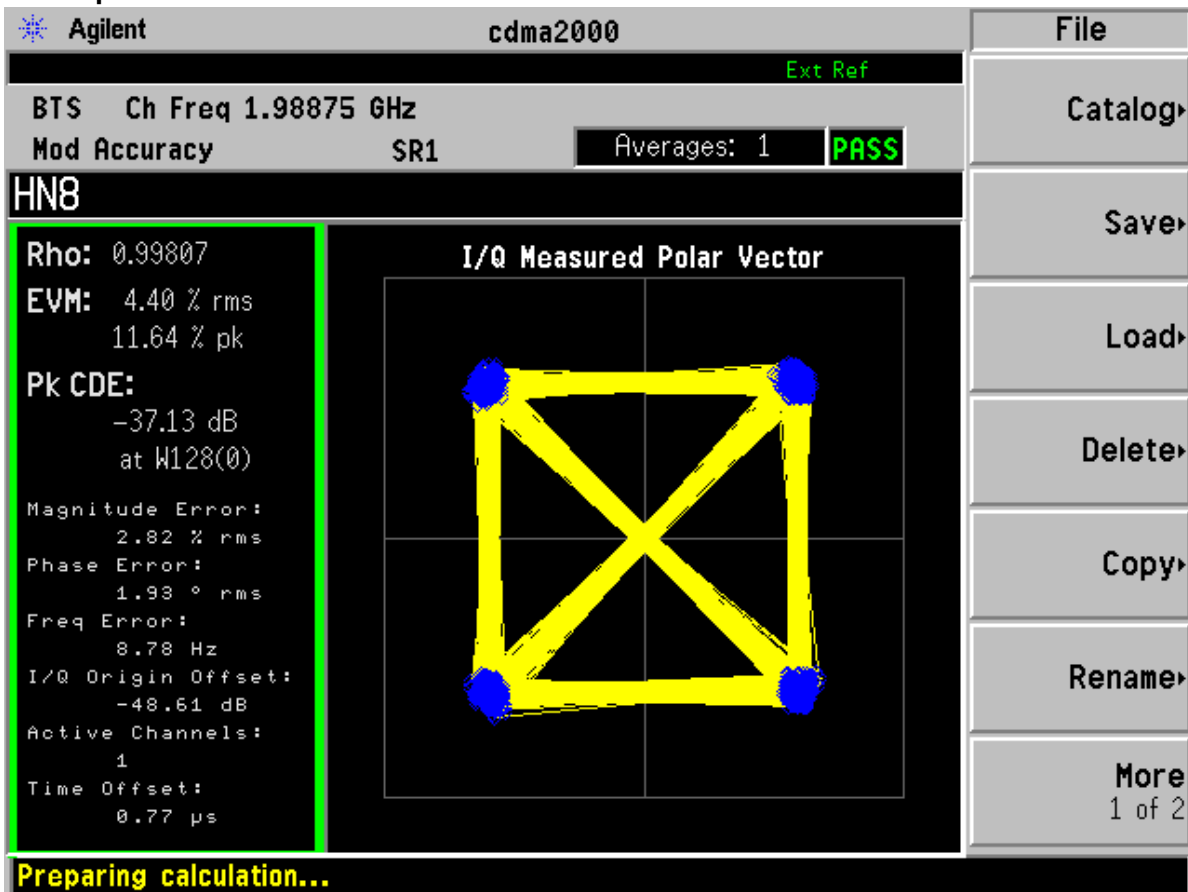
Temperature = 20°C



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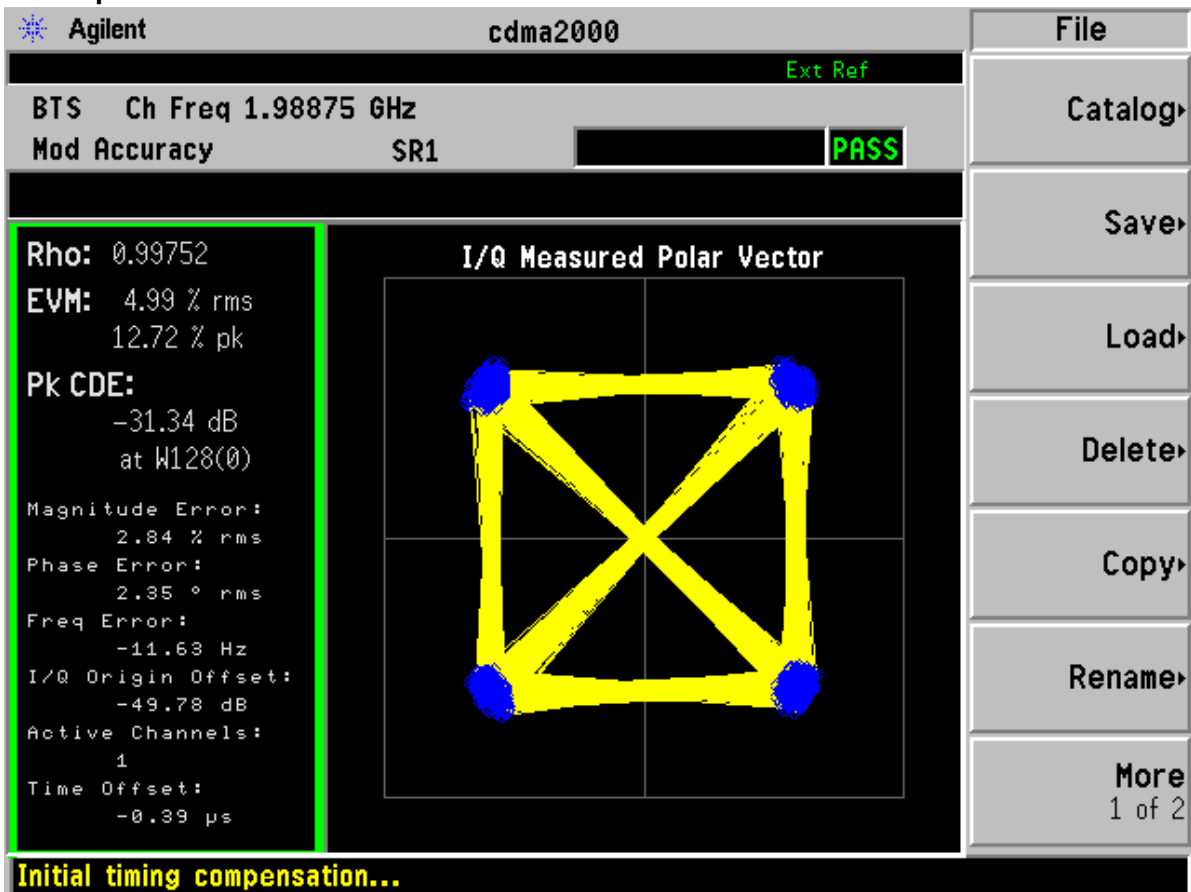
Temperature = 30°C



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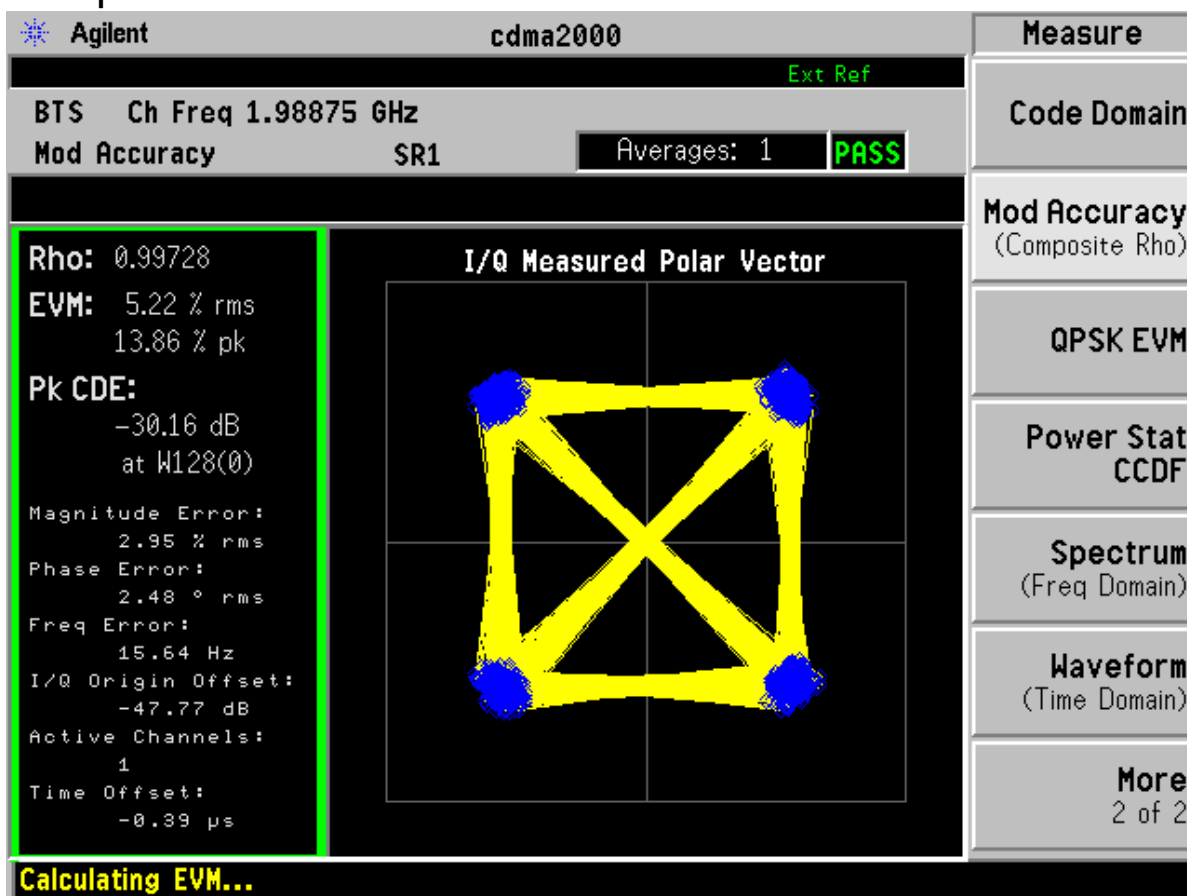
Temperature = 40°C



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Temperature = 50°C



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Appendix G

Photos of Test Set-up

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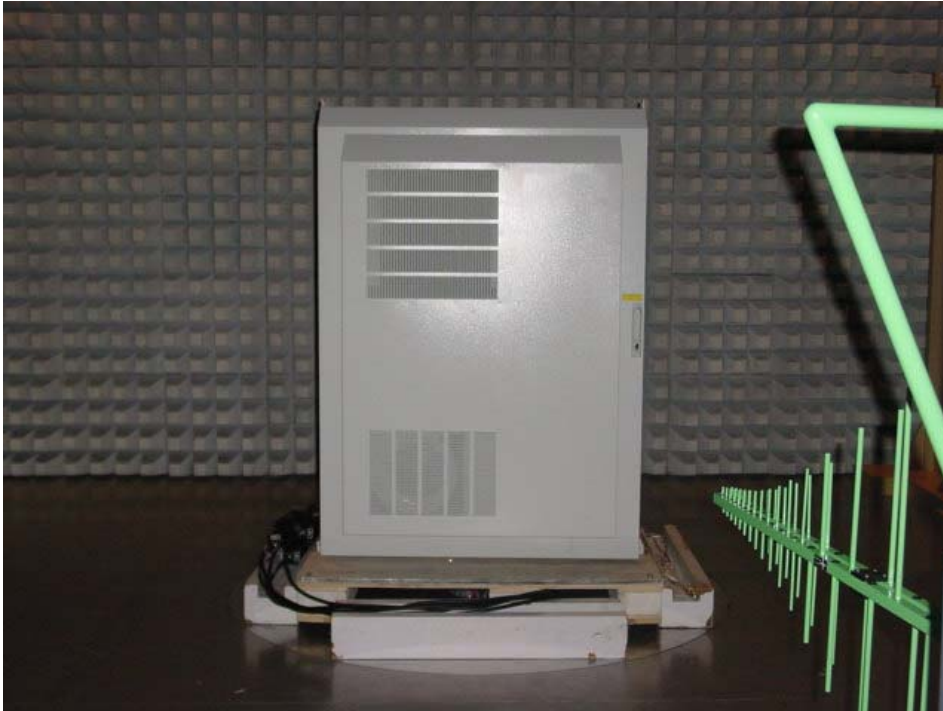


Photo ERP Measurement 30 MHz – 1 GHz



Photo ERP measurement 1 GHz – 10 GHz

Photo Conducted Emission Measurement

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Photo, Radio Measurement