



**Report No.:** HCT-SAR07-0408

**FCC ID:** O6Y-CDM7026

**DATE:** Apr.23, 2007

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## D . TEST PLOTS

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# ■ CDMA MODE (1013 CH.) Conducted Spurious

CDM7026 (CH:1013)

REF 24.2 dBm

MKR 1.640 GHz

10 dB/

\*A\_Max

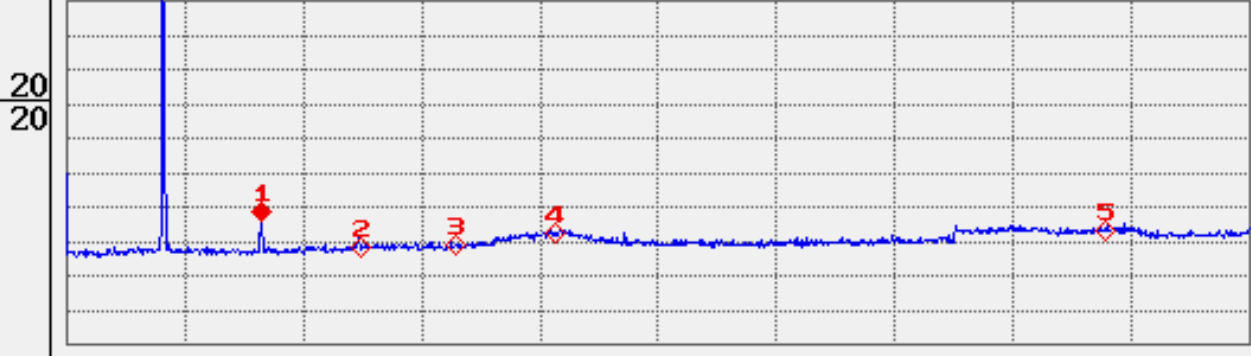
Posi

B\_Blank

Norm

-36.90 dBm

LOF



CENTER 5.000 GHz

SPAN 10.00 GHz

\*RBW 1 MHz

\*VBW 1 MHz

SWP 150 ms

ATT 20 dB

## Multi Marker List

|     |           |            |
|-----|-----------|------------|
| 1:  | 1.640 GHz | -36.90 dBm |
| 2:  | 2.490 GHz | -47.74 dBm |
| 3:  | 3.290 GHz | -46.69 dBm |
| 4:  | 4.120 GHz | -43.12 dBm |
| 5:  | 8.780 GHz | -42.96 dBm |
| 6:  |           |            |
| 7:  |           |            |
| 8:  |           |            |
| 9:  |           |            |
| 10: |           |            |
| 4:  |           |            |

# ■ CDMA MODE (384 CH.) Conducted Spurious

CDM7026 (CH:384)

REF 24.2 dBm

MKR 1.660 GHz

10 dB/

\*A\_Max

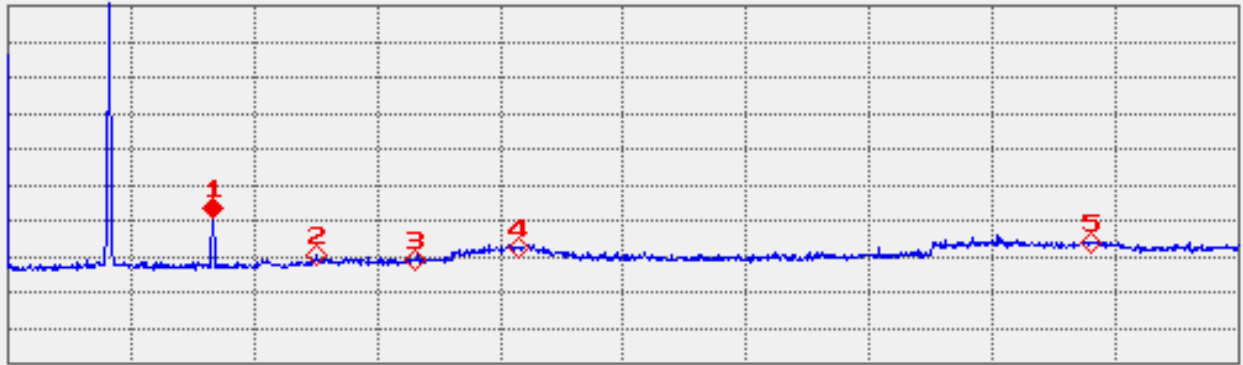
Posi

B\_Blank

Norm

-32.07 dBm

LOF

20  
20

CENTER 5.000 GHz

SPAN 10.00 GHz

\*RBW 1 MHz

\*VBW 1 MHz

SWP 150 ms

ATT 20 dB

## Multi Marker List

|     |           |            |
|-----|-----------|------------|
| 1:  | 1.660 GHz | -32.07 dBm |
| 2:  | 2.500 GHz | -45.64 dBm |
| 3:  | 3.310 GHz | -46.94 dBm |
| 4:  | 4.140 GHz | -43.67 dBm |
| 5:  | 8.800 GHz | -41.99 dBm |
| 6:  |           |            |
| 7:  |           |            |
| 8:  |           |            |
| 9:  |           |            |
| 10: |           |            |
| Δ:  |           |            |

## ■ CDMA MODE (777 CH.) Conducted Spurious

CDM7026 (CH:777)

REF 24.2 dBm

MKR 1.690 GHz

10 dB/

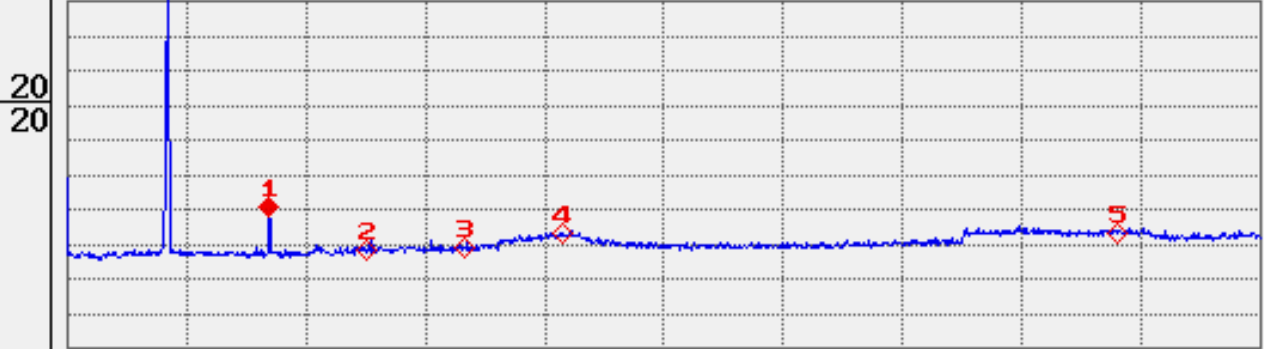
\*A\_Max

Posi

B\_Blank Norm

-34.87 dBm

LOF



CENTER 5.000 GHz

SPAN 10.00 GHz

\*RBW 1 MHz

\*VBW 1 MHz

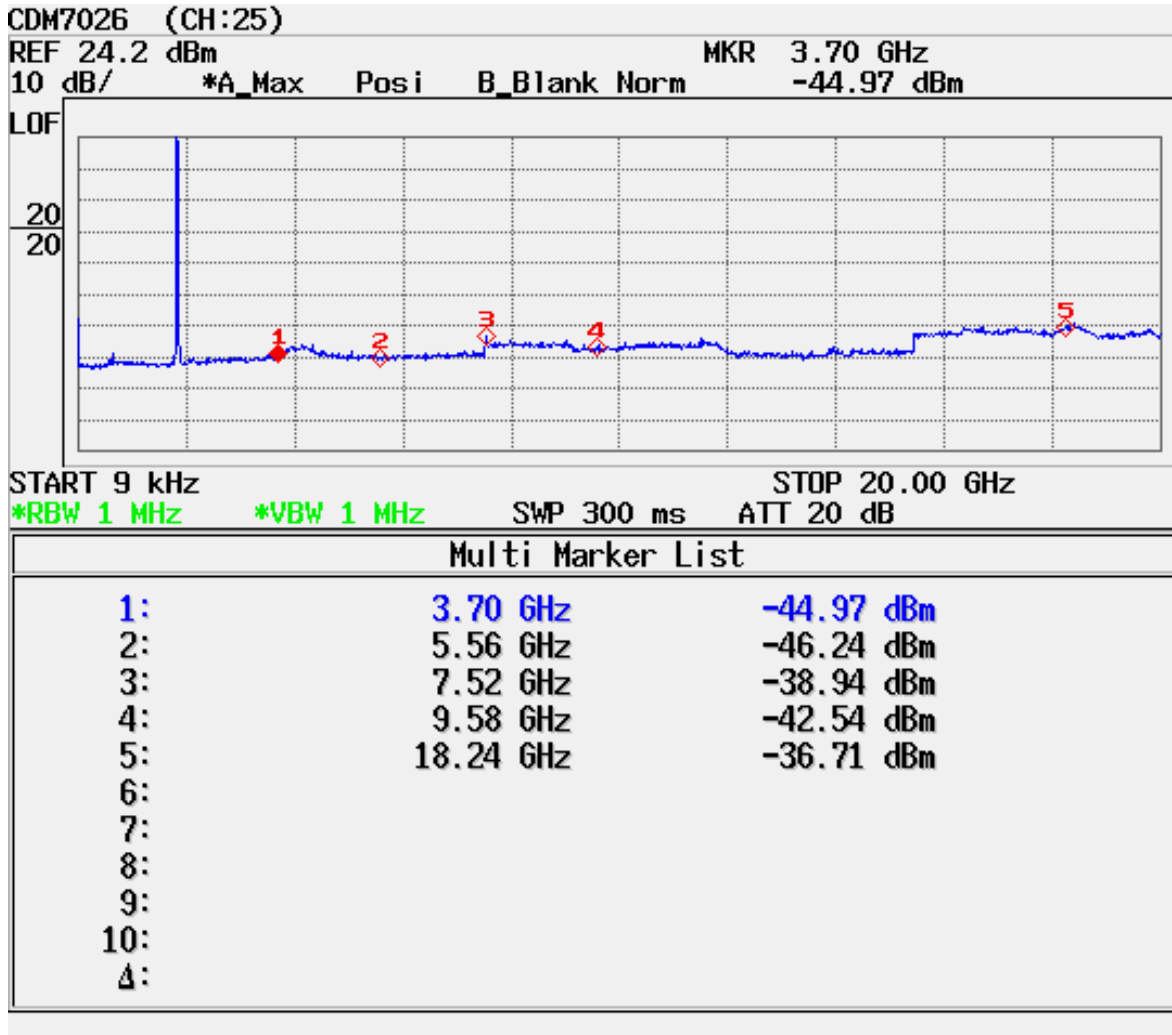
SWP 150 ms

ATT 20 dB

## Multi Marker List

|     |           |            |
|-----|-----------|------------|
| 1:  | 1.690 GHz | -34.87 dBm |
| 2:  | 2.510 GHz | -47.25 dBm |
| 3:  | 3.320 GHz | -46.73 dBm |
| 4:  | 4.150 GHz | -42.98 dBm |
| 5:  | 8.800 GHz | -42.37 dBm |
| 6:  |           |            |
| 7:  |           |            |
| 8:  |           |            |
| 9:  |           |            |
| 10: |           |            |
| Δ:  |           |            |

# ■ PCS CDMA MODE (25 CH.) Conducted Spurious





## ■ PCS CDMA MODE (600 CH.) Conducted Spurious

CDM7026 (CH:600)

REF 24.2 dBm

MKR 3.74 GHz

10 dB/

\*A\_Max

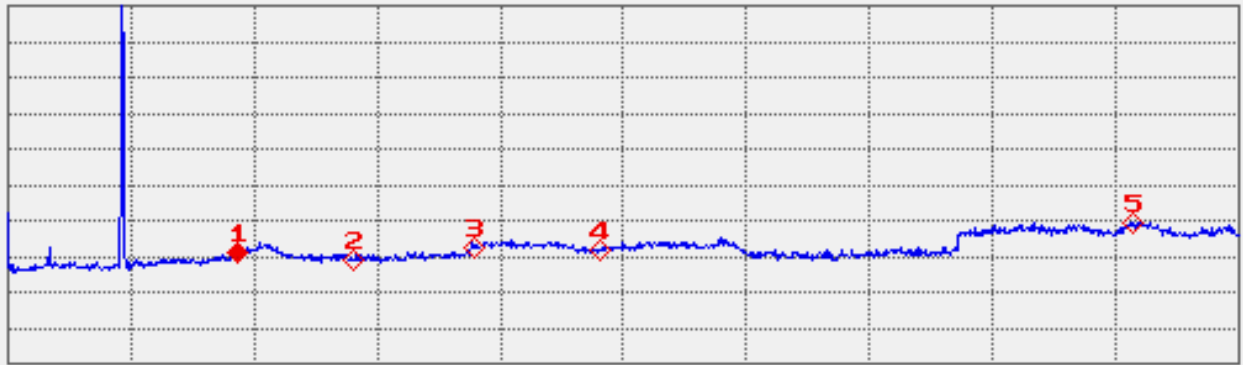
Posi

B\_Blank

Norm

-45.00 dBm

LOF

20  
20

START 9 kHz

STOP 20.00 GHz

\*RBW 1 MHz

\*VBW 1 MHz

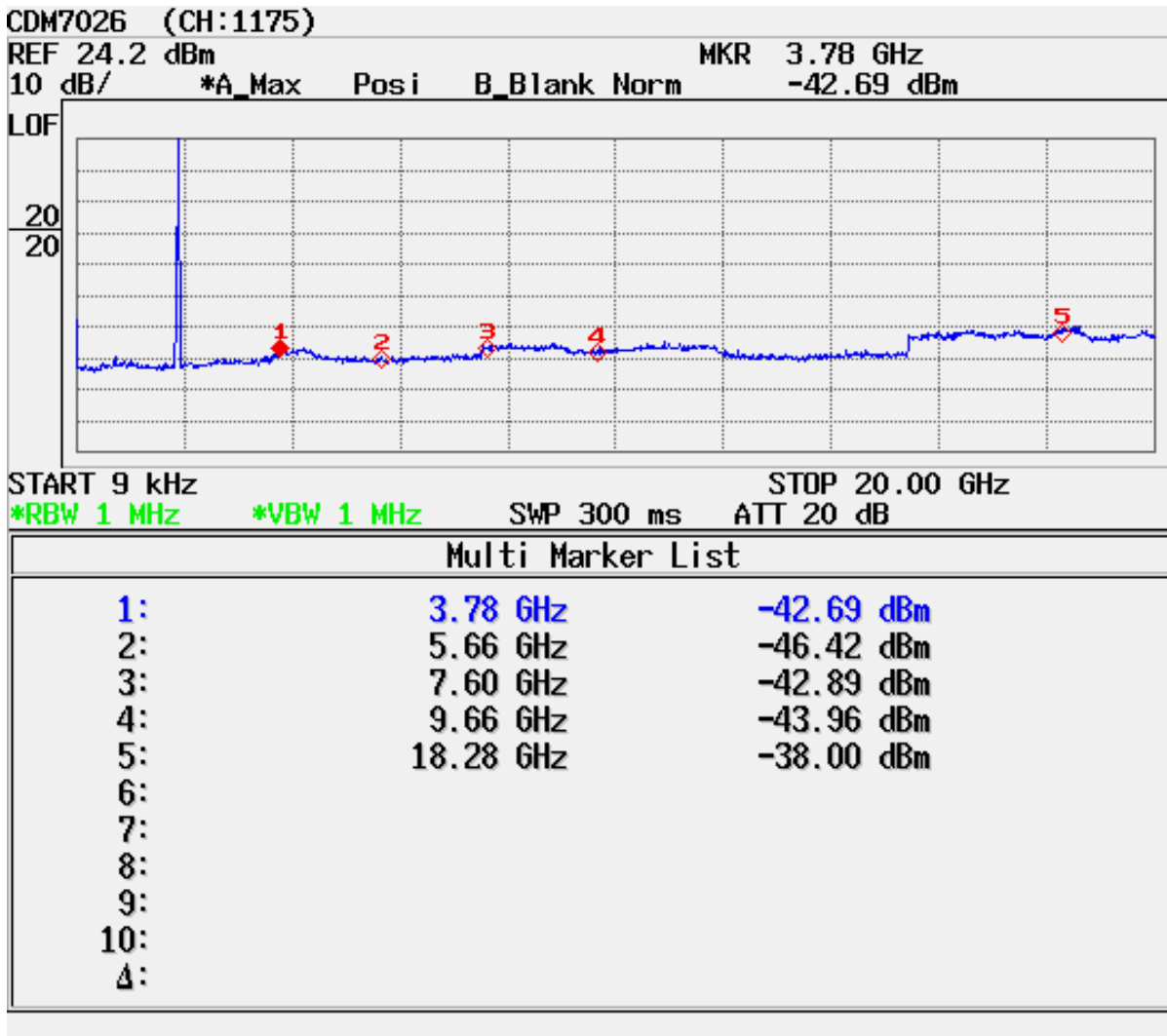
SWP 300 ms

ATT 20 dB

## Multi Marker List

|     |           |            |
|-----|-----------|------------|
| 1:  | 3.74 GHz  | -45.00 dBm |
| 2:  | 5.60 GHz  | -46.96 dBm |
| 3:  | 7.56 GHz  | -43.21 dBm |
| 4:  | 9.62 GHz  | -44.04 dBm |
| 5:  | 18.26 GHz | -36.53 dBm |
| 6:  |           |            |
| 7:  |           |            |
| 8:  |           |            |
| 9:  |           |            |
| 10: |           |            |
| Δ:  |           |            |

# ■ PCS CDMA MODE (1175 CH.) Conducted Spurious



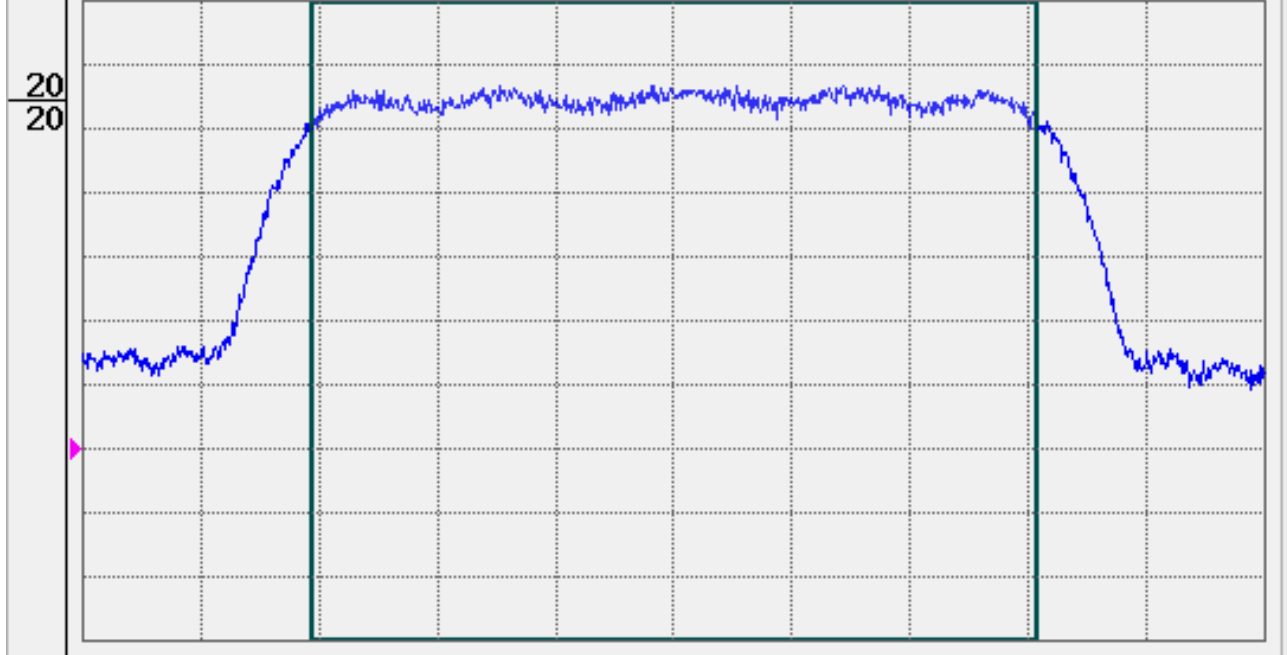
# ■ CDMA MODE (1013 CH.): Channel Power

CDM7026 (CH:1013)

REF 24.2 dBm

10 dB/ \*A\_PwAvg Pos i

LOF



CENTER 824.700 MHz

SPAN 2.000 MHz

\*RBW 30 kHz

\*VBW 100 kHz

SWP 20 ms

ATT 20 dB

Power (Band Class 0: FWD Link)

&lt;&lt; Window Conditions &gt;&gt;

Power

Judge

Posi : 824.700000 MHz

24.18 dBm

PASS

Width: 1.2300 MHz

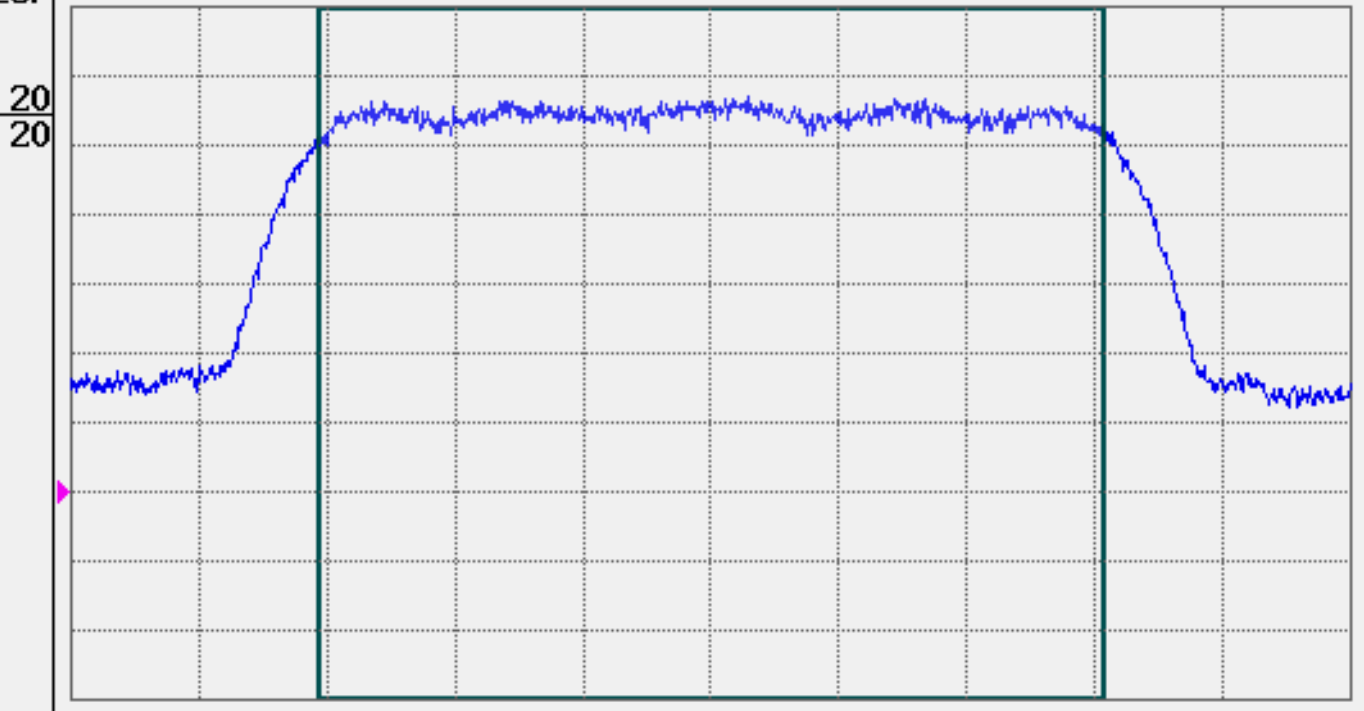
## ■ CDMA MODE (384CH.) : Channel Power

CDM7026 (CH:384)

REF 24.2 dBm

10 dB/ \*A\_PwAvg Pos i

LOF



CENTER 836.520 MHz

SPAN 2.000 MHz

\*RBW 30 kHz

\*VBW 100 kHz

SWP 20 ms

ATT 20 dB

Power (Band Class 0: FWD Link)

&lt;&lt; Window Conditions &gt;&gt;

Power

Judge

Posi : 836.520000 MHz

24.14 dBm

PASS

Width: 1.2300 MHz

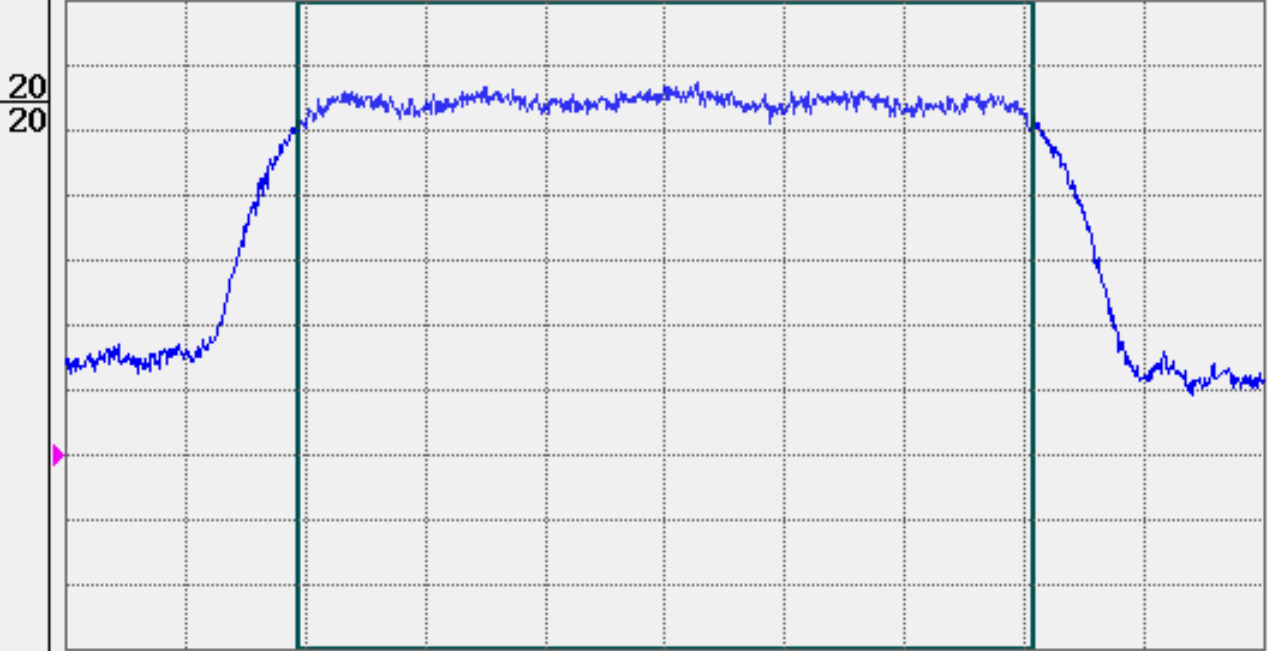
# ■ CDMA Mode (777 CH.) : Occupied Bandwidth

CDM7026 (CH:777)

REF 24.2 dBm

10 dB/ \*A\_PwAvg Pos i

LOF



CENTER 848.310 MHz

SPAN 2.000 MHz

\*RBW 30 kHz

\*VBW 100 kHz

SWP 20 ms

ATT 20 dB

Power (Band Class 0: FWD Link)

&lt;&lt; Window Conditions &gt;&gt;

Power

Judge

Posi : 848.310000 MHz

24.16 dBm

PASS

Width: 1.2300 MHz



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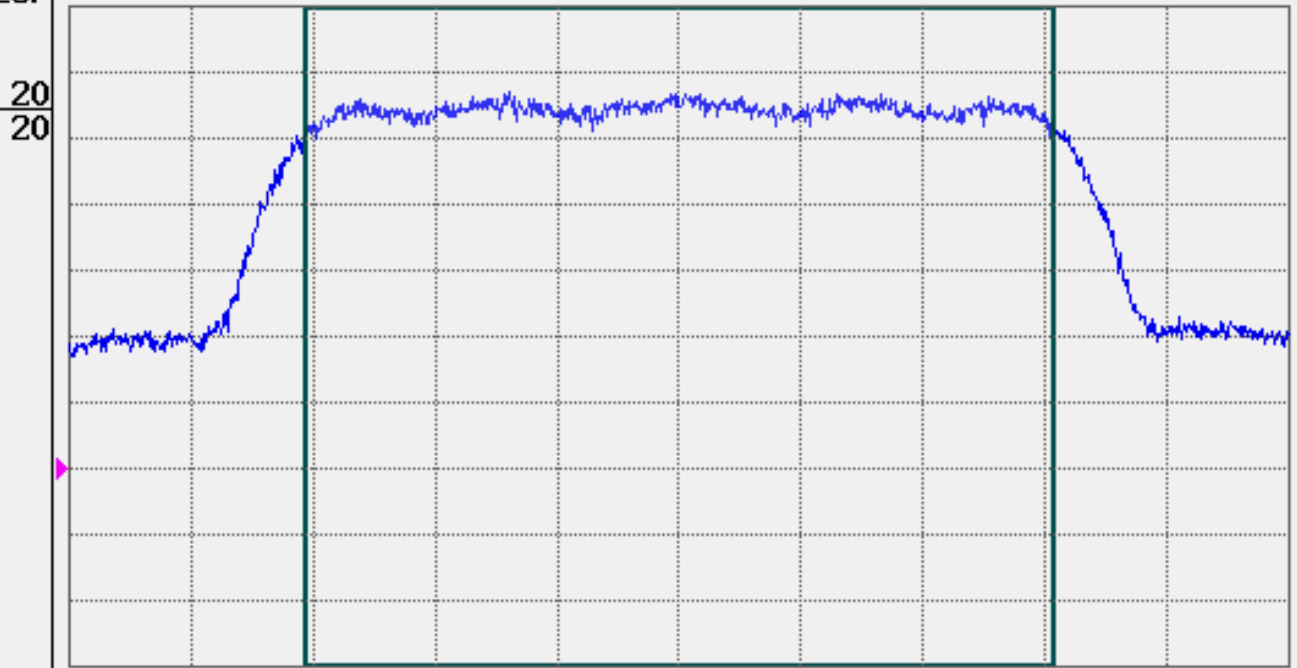
## ■ PCS CDMA Mode (25 CH) : Occupied Bandwidth

CDM7026 (CH:25)

REF 24.2 dBm

10 dB/ \*A\_PwAvg Pos i

LOF



CENTER 1.851250 GHz

SPAN 2.000 MHz

\*RBW 30 kHz

\*VBW 100 kHz

SWP 20 ms

ATT 20 dB

Power (Band Class 0: FWD Link)

&lt;&lt; Window Conditions &gt;&gt;

Power

Judge

Posi : 1.851250000 GHz

24.15 dBm

PASS

Width: 1.2300 MHz

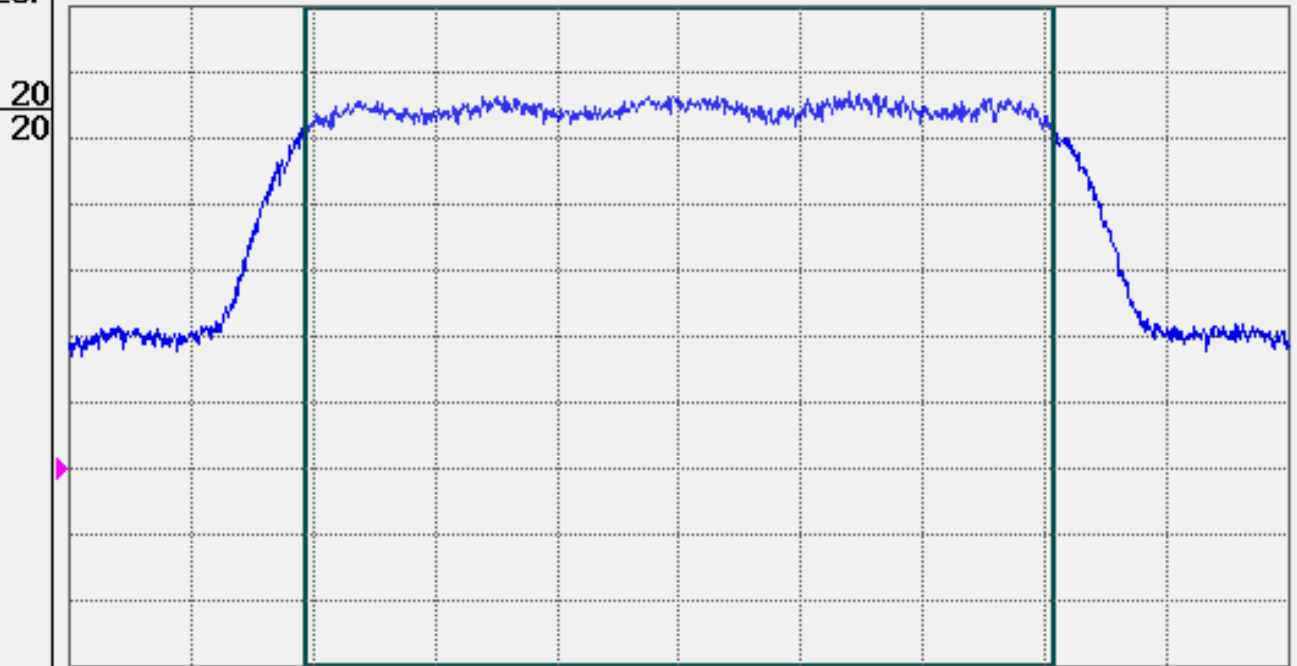
# ■ PCS CDMA Mode (600 CH) : Occupied Bandwidth

CDM7026 (CH:600)

REF 24.2 dBm

10 dB/ \*A\_PwAvg Posi

LOF



CENTER 1.880000 GHz

SPAN 2.000 MHz

\*RBW 30 kHz \*VBW 100 kHz SWP 20 ms

ATT 20 dB

Power (Band Class 0: FWD Link)

&lt;&lt; Window Conditions &gt;&gt;

Power

Judge

Posi : 1.880000000 GHz

24.13 dBm

PASS

Width: 1.2300 MHz

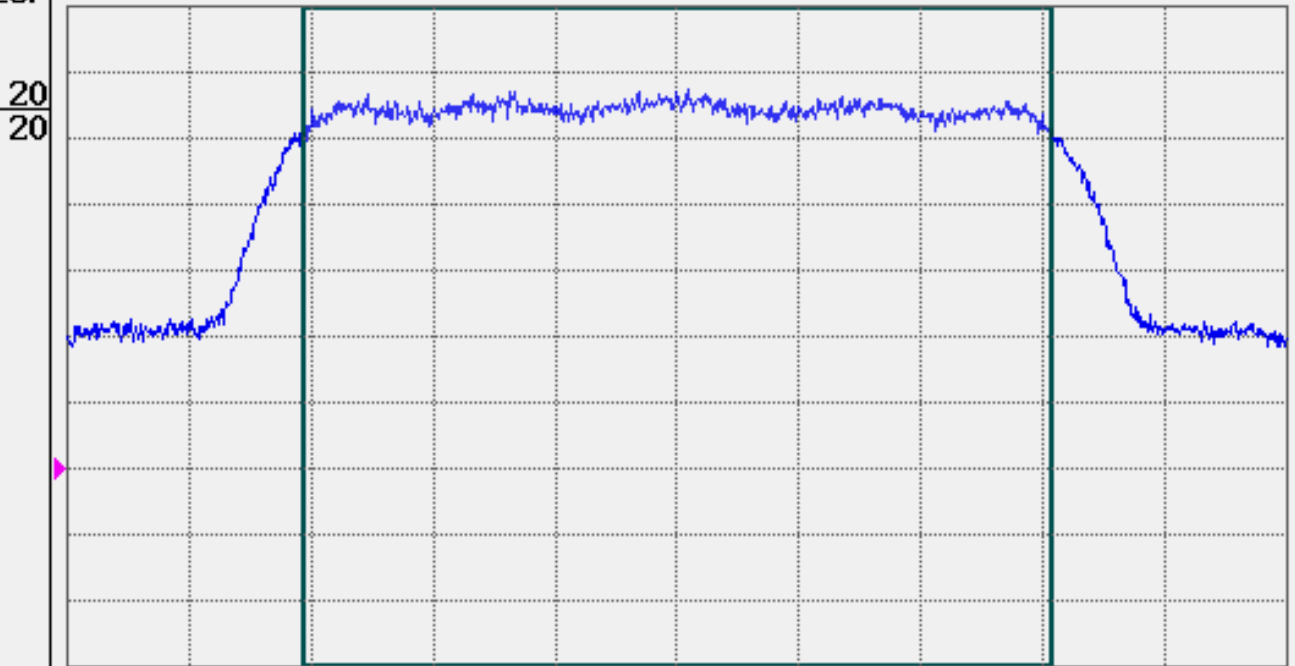
## ■ PCS CDMA Mode (1175 CH) : Occupied Bandwidth

CDM7026 (CH:1175)

REF 24.2 dBm

10 dB/ \*A\_PwAvg Posi

LOF



CENTER 1.908750 GHz

SPAN 2.000 MHz

\*RBW 30 kHz

\*VBW 100 kHz

SWP 20 ms

ATT 20 dB

Power (Band Class 0: FWD Link)

&lt;&lt; Window Conditions &gt;&gt;

Power

Judge

Posi : 1.908750000 GHz

24.14 dBm

PASS

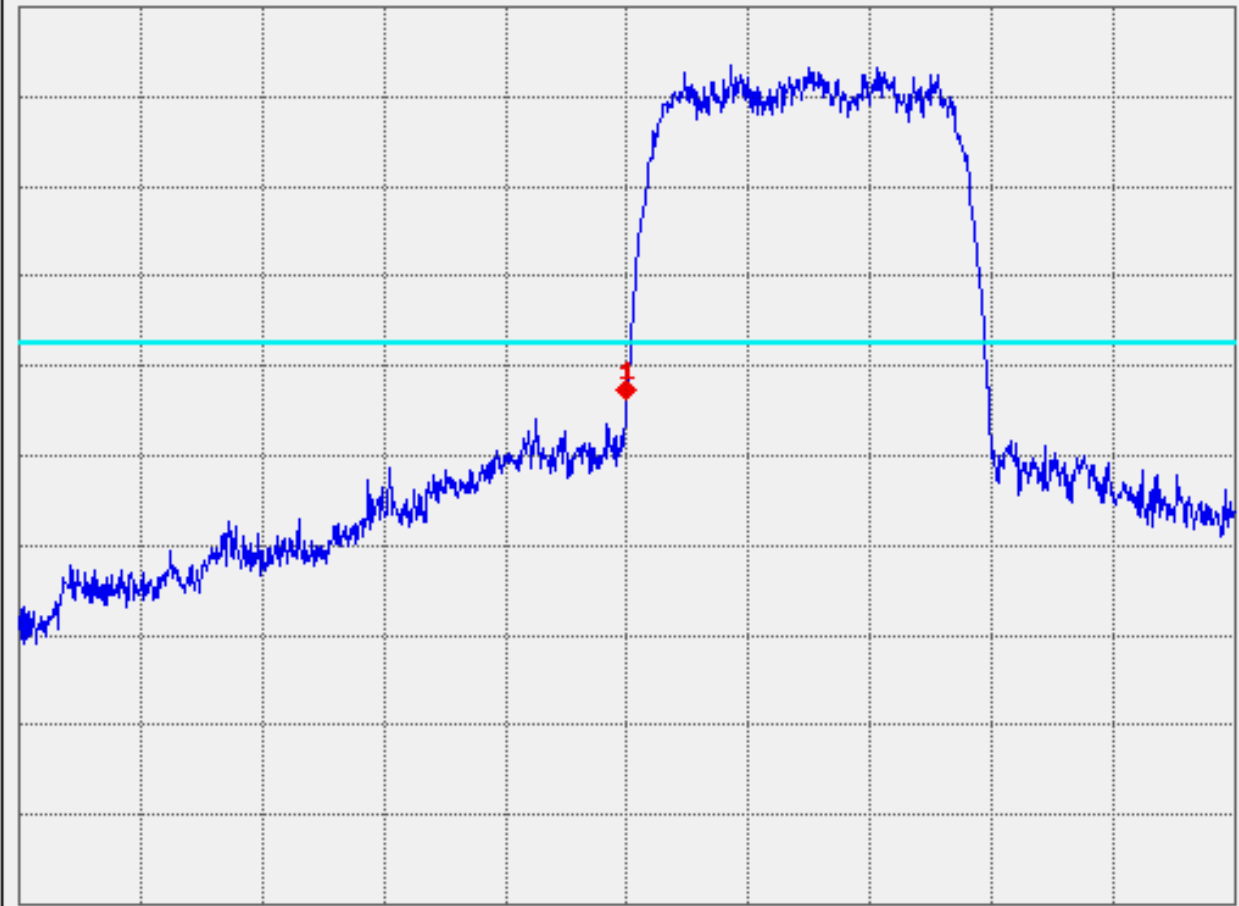
Width: 1.2300 MHz

# ■ CDMA Cellular (1013 CH.) Band Edge

CDM7026 (CH:1013)

REF 24.2 dBm DL -13.0 dBm MKR 824.000 MHz  
10 dB/ \*A\_View Posi B\_Blank Norm -18.51 dBm

LOF



CENTER 824.000 MHz

SPAN 5.000 MHz

\*RBW 30 kHz

\*VBW 30 kHz

SWP 20 ms

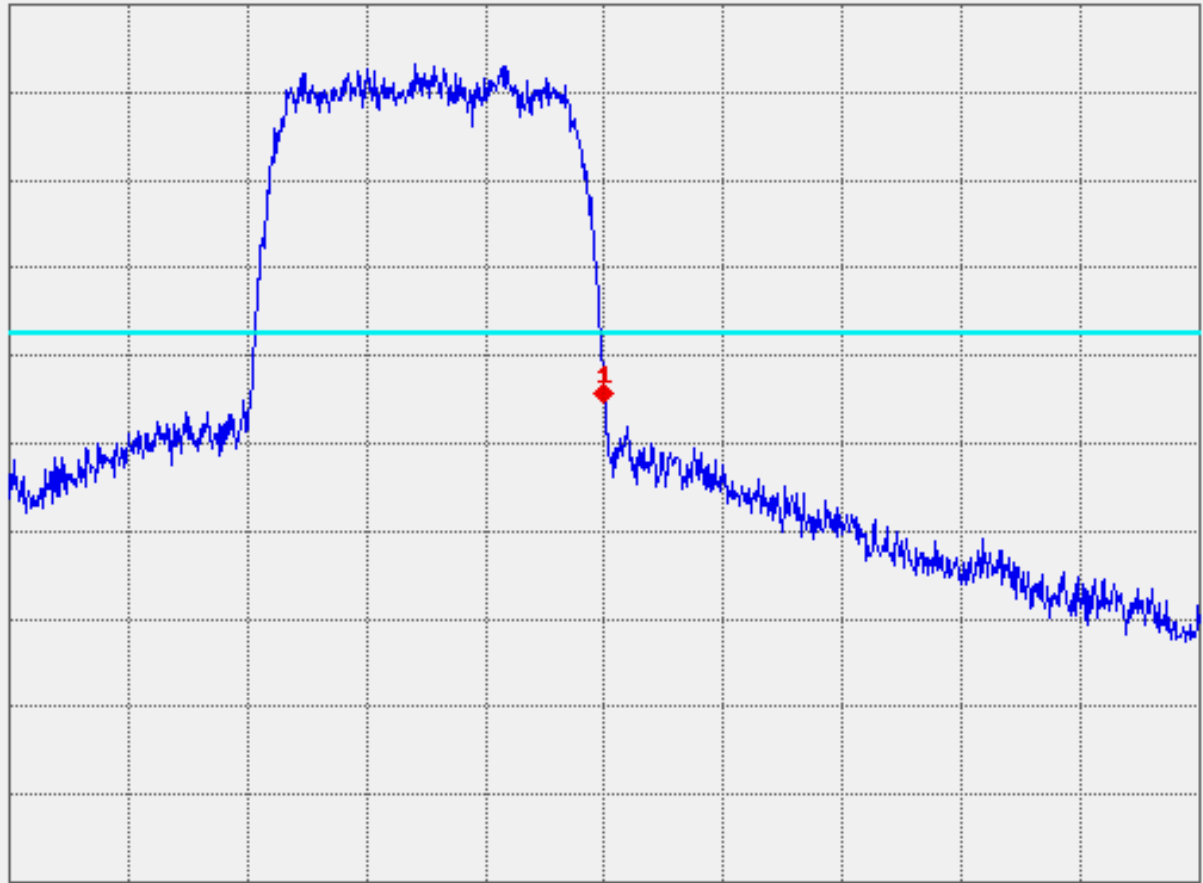
ATT 20 dB

## ■ CDMA Cellular (777 CH.) Band Edge

CDM7026 (CH:777)

REF 24.2 dBm DL -13.0 dBm MKR 849.000 MHz  
10 dB/ \*A\_View Posi B\_Blank Norm -20.12 dBm

LOF



CENTER 849.000 MHz

SPAN 5.000 MHz

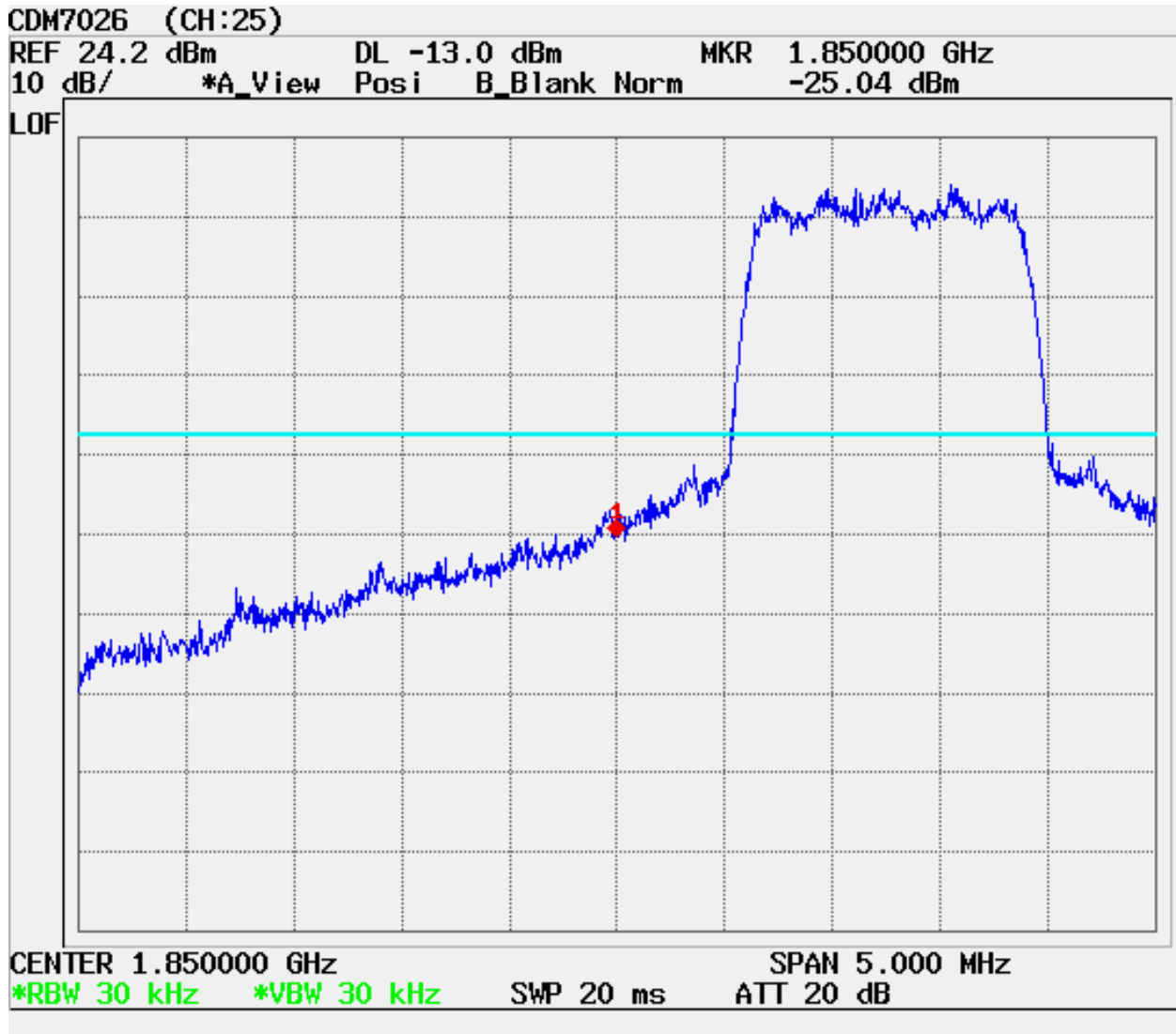
\*RBW 30 kHz

\*VBW 30 kHz

SWP 20 ms

ATT 20 dB

## ■ PCS Mode Band Edge (25 CH.)



# ■ PCS Mode Band Edge (1175 CH.)

CDM7026 (CH:1175)

REF 24.2 dBm DL -13.0 dBm MKR 1.910000 GHz  
10 dB/ \*A\_View Posi B\_Blank Norm -22.87 dBm

LOF



CENTER 1.910000 GHz SPAN 5.000 MHz  
\*RBW 30 kHz \*VBW 30 kHz SWP 20 ms ATT 20 dB

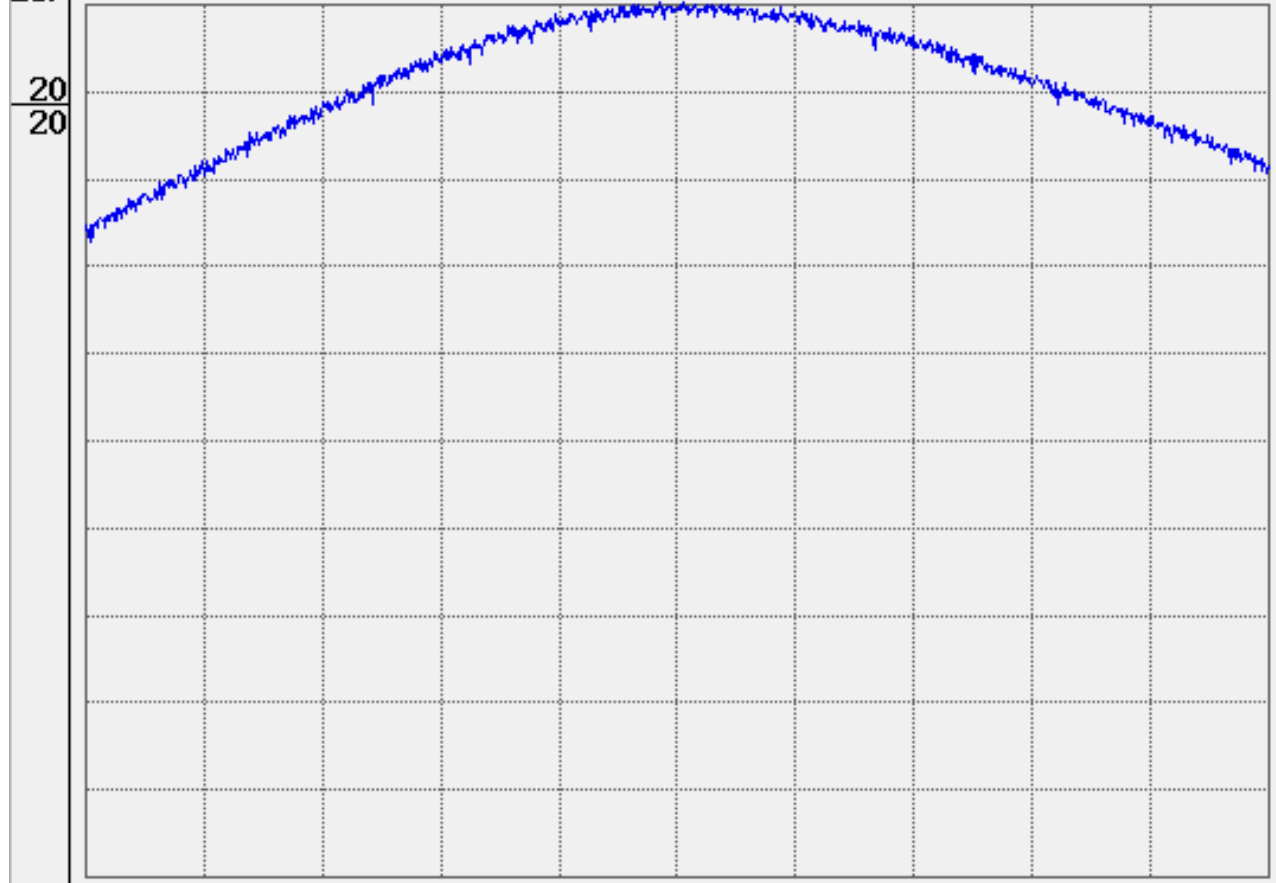
## ■ CDMA (1013 CH) Test Mode: POWER OUT

CDM7026 (CH:1013)

REF 24.2 dBm

10 dB/ \*A\_Avg Smp1 B\_Blank Norm

LOF



CENTER 824.70 MHz

SPAN 10.00 MHz

\*RBW 3 MHz \*VBW 3 MHz

SWP 20 ms

ATT 20 dB

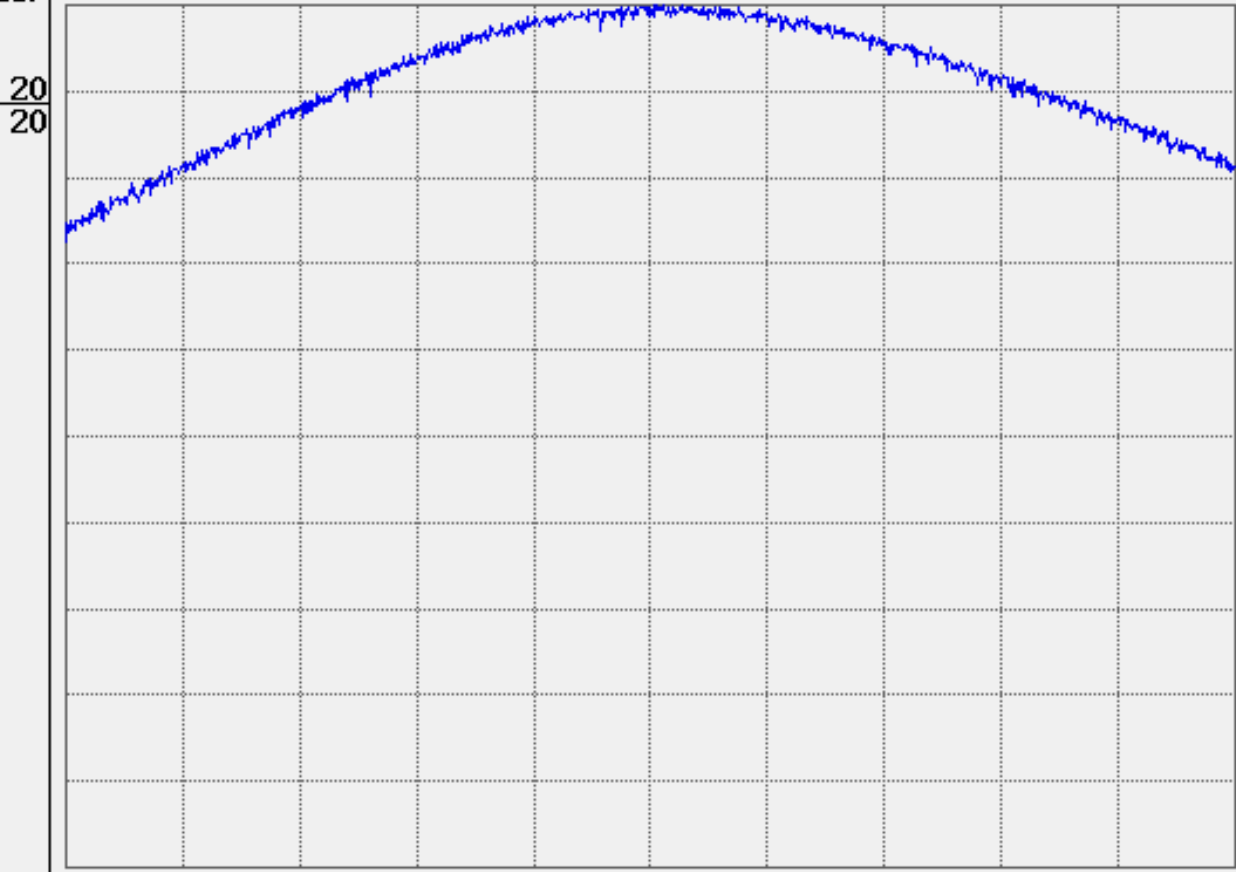
## ■ CDMA (384 CH) Test Mode: POWER OUT

CDM7026 (CH:384)

REF 24.2 dBm

10 dB/ \*A\_Avg Smp1 B\_Blank Norm

LOF



CENTER 836.52 MHz

SPAN 10.00 MHz

\*RBW 3 MHz

\*VBW 3 MHz

SWP 20 ms

ATT 20 dB

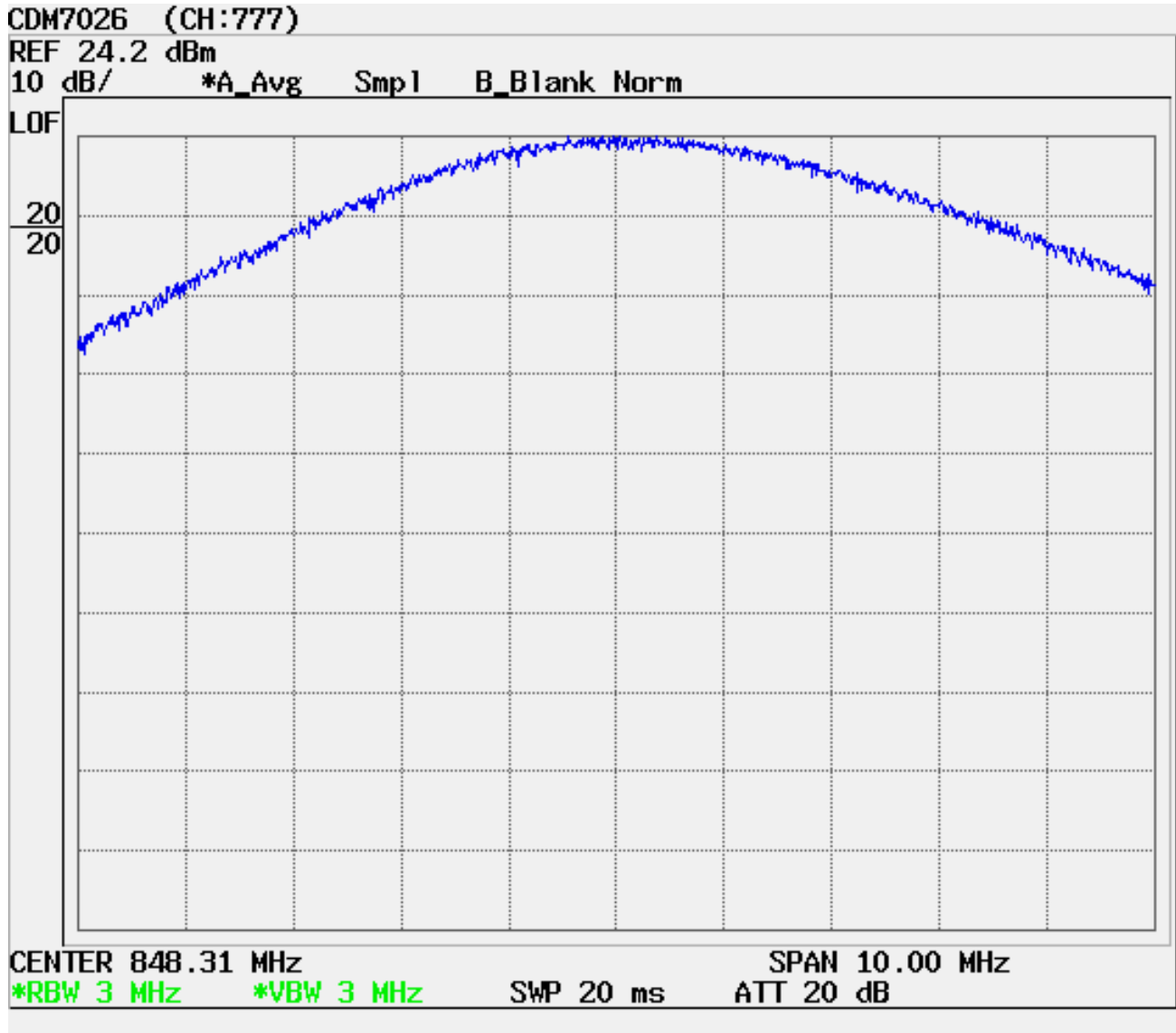


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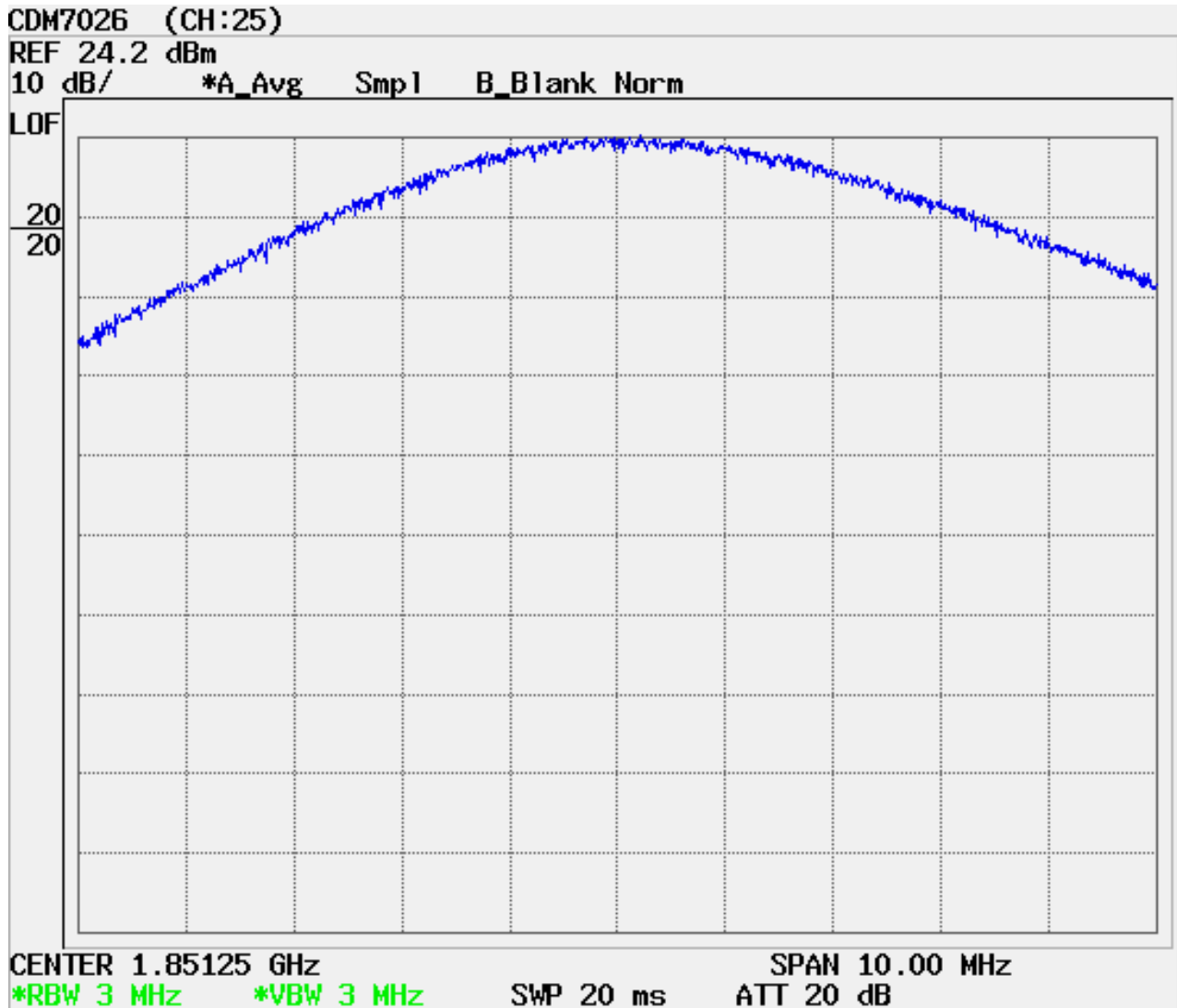
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■ CDMA (777 CH) Test Mode: POWER OUT



# ■ PCS CDMA (25 CH) Test Mode: POWER OUT



**■ PCS CDMA (600 CH) Test Mode: POWER OUT**

CDM7026 (CH:600)

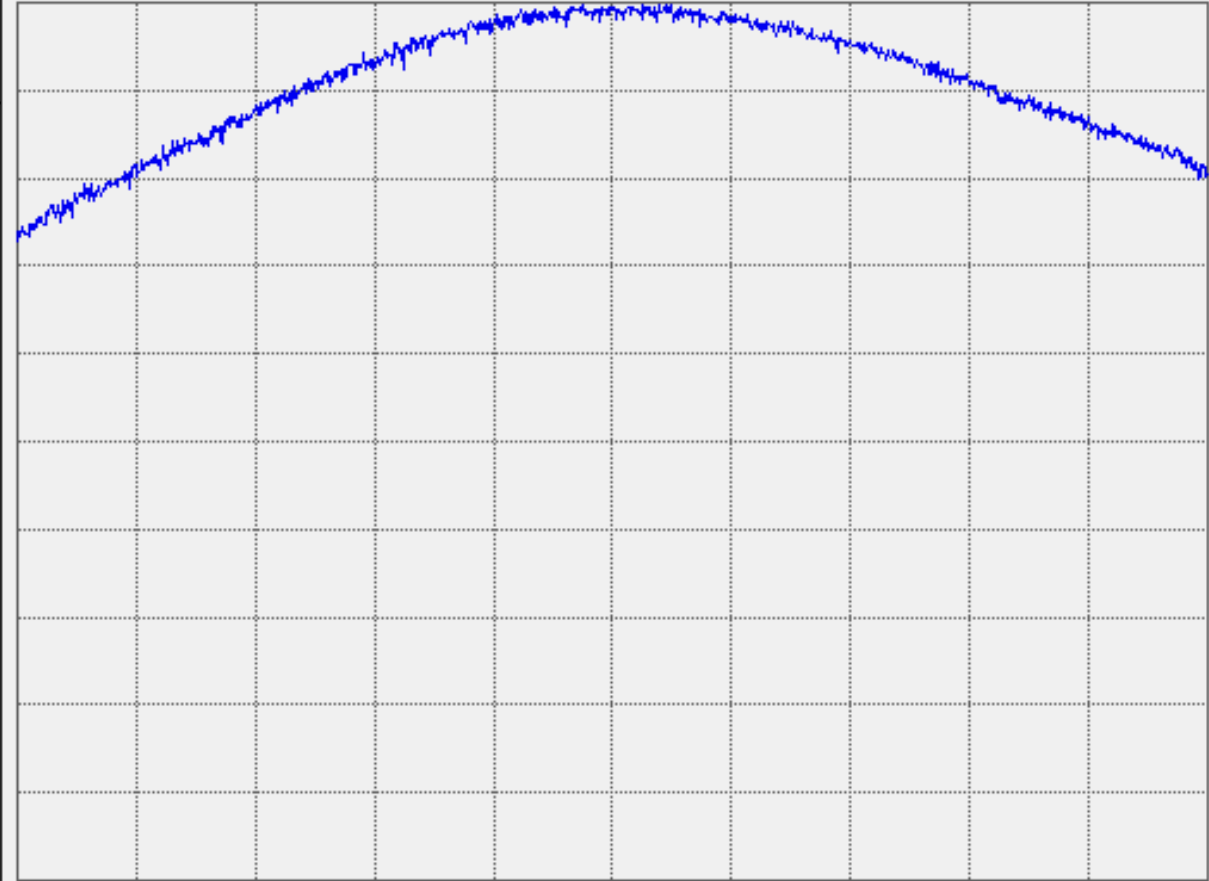
REF 24.2 dBm

10 dB/ \*A\_Avg Smp1 B\_Blank Norm

LOF

20

20



CENTER 1.88000 GHz

SPAN 10.00 MHz

\*RBW 3 MHz \*VBW 3 MHz

SWP 20 ms

ATT 20 dB



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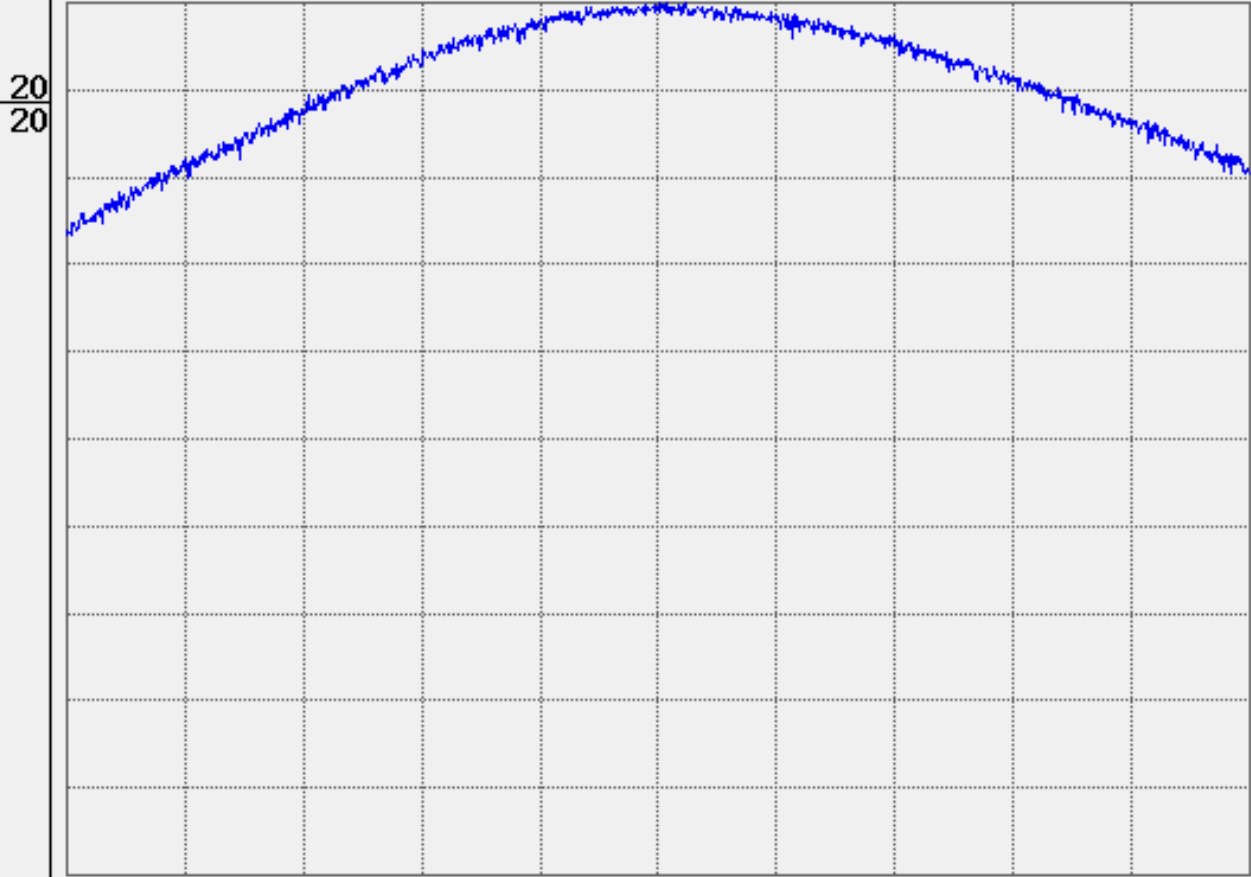
■ PCS CDMA (1175 CH) Test Mode: POWER OUT

CDM7026 (CH:1175)

REF 24.2 dBm

10 dB/ \*A\_Avg Smp1 B\_Blank Norm

LOF



CENTER 1.90875 GHz

SPAN 10.00 MHz

\*RBW 3 MHz \*VBW 3 MHz

SWP 20 ms

ATT 20 dB