

Annex 1 - 99% Bandwidth Measurements
Kaval RF Fiber Interface Module, Model US800C

Photo # 11
FCC ID: H6M-US800C

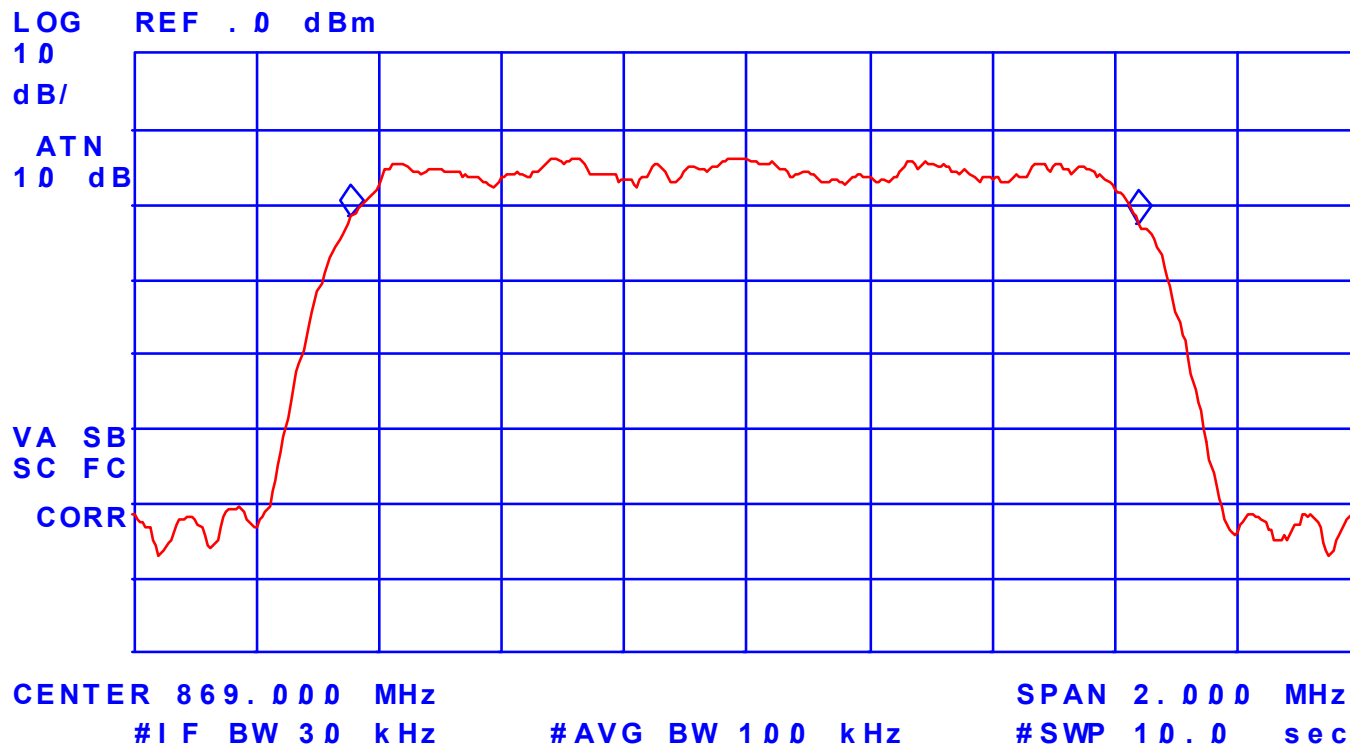
99% Bandwidth of RF Input Signal
Frequency: 869 MHz (869 - 894 MHz), Modulation: CDMA, Input Power: -8.57 dBm

hp

MARKER Δ
1.285 MHz
-.83 dB

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.285 MHz
-.83 dB

No user
Menu



Annex 1 - 99% Bandwidth Measurements
Kaval RF Fiber Interface Module, Model US800C

Photo # 12
FCC ID: H6M-US800C

99% Bandwidth of RF Output Signal
Frequency: 869 MHz (869 - 894 MHz), Modulation: CDMA, Output Power: 17 dBm

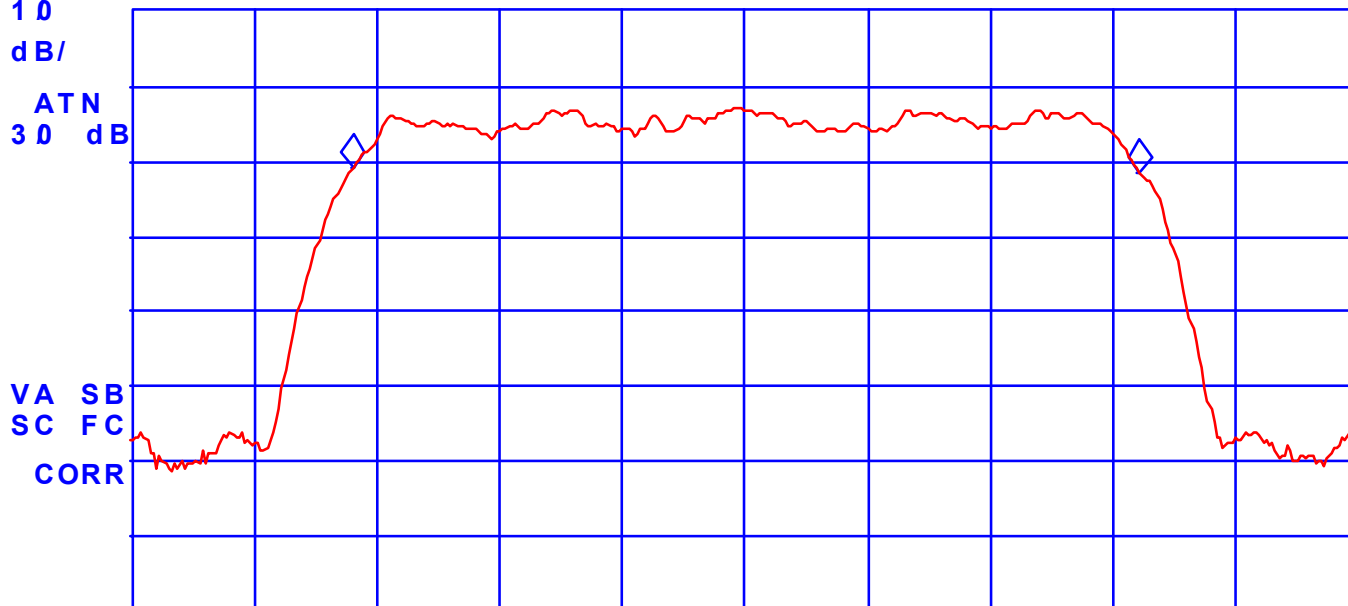
hp

MARKER Δ
1.285 MHz
-.67 dB

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.285 MHz
-.67 dB

No user
Menu

REF OFFST 10.6 dB
LOG 10
REF 25.0 dBm
dB/



CENTER 869.000 MHz
#IF BW 30 kHz

#AVG BW 100 kHz

SPAN 2.000 MHz
#SWP 10.0 sec

99% Bandwidth of RF Output Signal
Frequency: 881.5 MHz (869 - 894 MHz), Modulation: CDMA, Output Power: 17 dBm

hp

MARKER Δ
1.285 MHz
-.79 dB

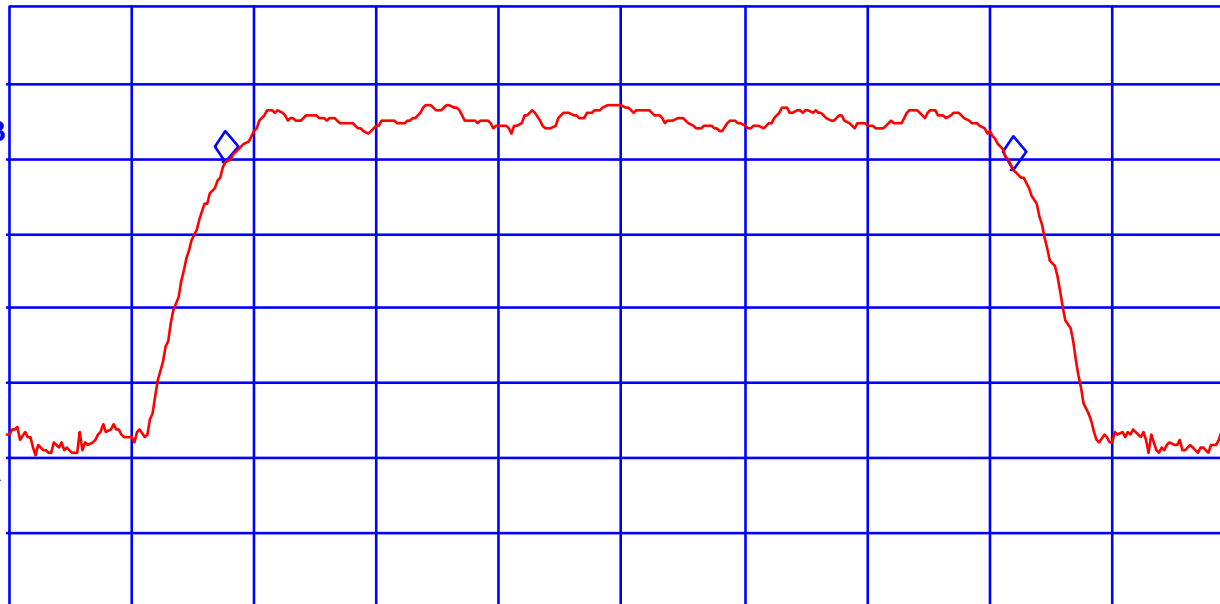
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.285 MHz
-.79 dB

No user
Menu

REF OFFST 10.6 dB
LOG REF 25.0 dBm

LOG
10
dB/
ATN
30 dB

VA SB
SC FC
CORR



CENTER 881.500 MHz
#IF BW 30 kHz

#AVG BW 100 kHz

SPAN 2.000 MHz
#SWP 10.0 sec

99% Bandwidth of RF Output Signal
Frequency: 894 MHz (869 - 894 MHz), Modulation: CDMA, Output Power: 17 dBm

HP

MARKER Δ
1.280 MHz
-1.16 dB

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 1.280 MHz
-1.16 dB

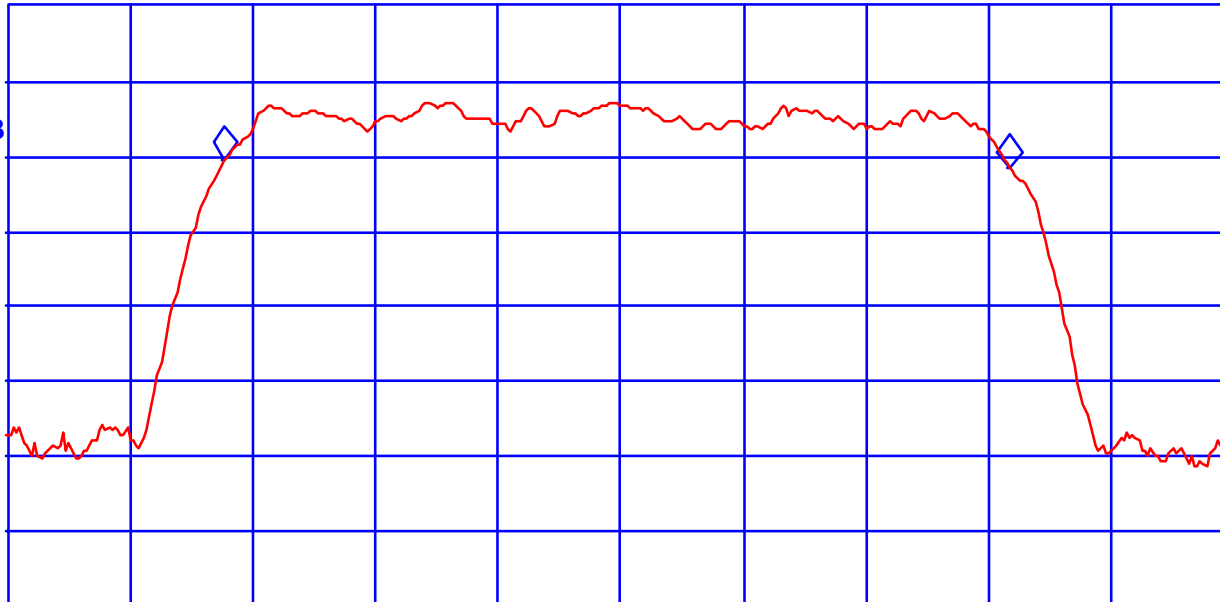
No user
Menu

REF OFFST 10.6 dB
LOG REF 25.0 dBm

LOG
10
dB/

ATN
30 dB

VA SB
SC FC
CORR



CENTER 894.000 MHz
#IF BW 30 kHz

#AVG BW 100 kHz

SPAN 2.000 MHz
#SWP 10.0 sec

Annex 1 - 99% Bandwidth Measurements
Kaval RF Fiber Interface Module, Model US800C

Photo # 15
FCC ID: H6M-US800C

99% Bandwidth of RF Input Signal
Frequency: 869 MHz (869 - 894 MHz), Modulation: TDMA, Input Power: -8.57 dBm

hp

MARKER Δ
28.20 kHz
-.39 dB

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 28.20 kHz
-.39 dB

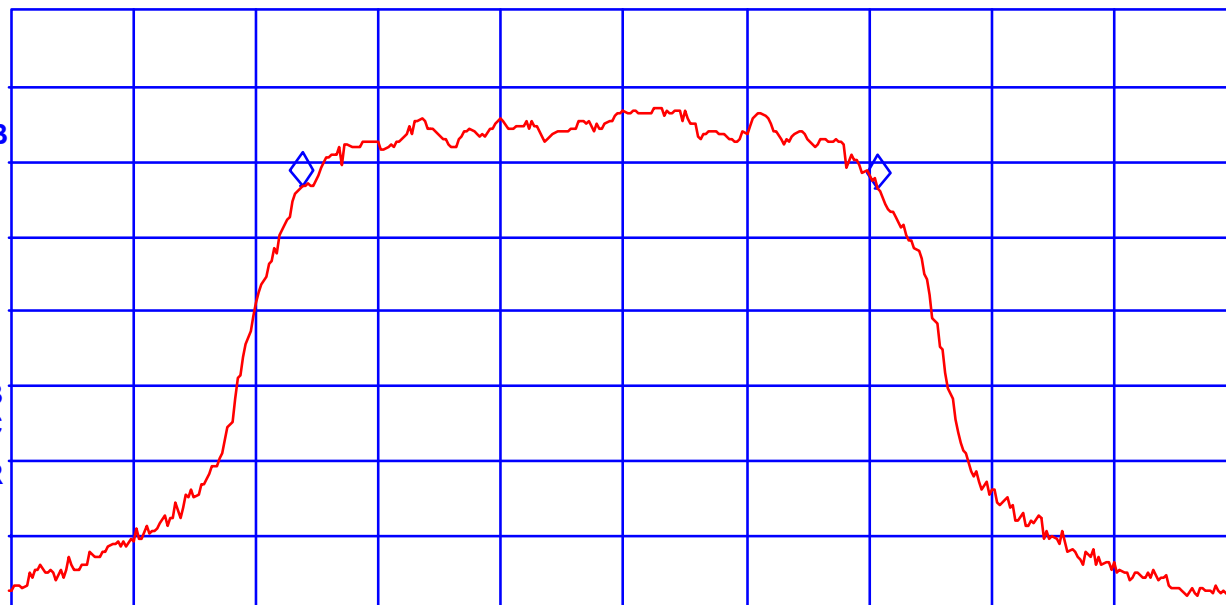
No user
Menu

LOG REF .0 dBm

10
dB/

ATN
10 dB

VA SB
SC FC
CORR



CENTER 869.00000 MHz

#IF BW 1.0 kHz

#AVG BW 3 kHz

SPAN 60.00 kHz

#SWP 10.0 sec

99% Bandwidth of RF Output Signal
Frequency: 869 MHz (869 - 894 MHz), Modulation: TDMA, Output Power: 17 dBm

hp

MARKER Δ
28.35 kHz
-.60 dB

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 28.35 kHz
-.60 dB

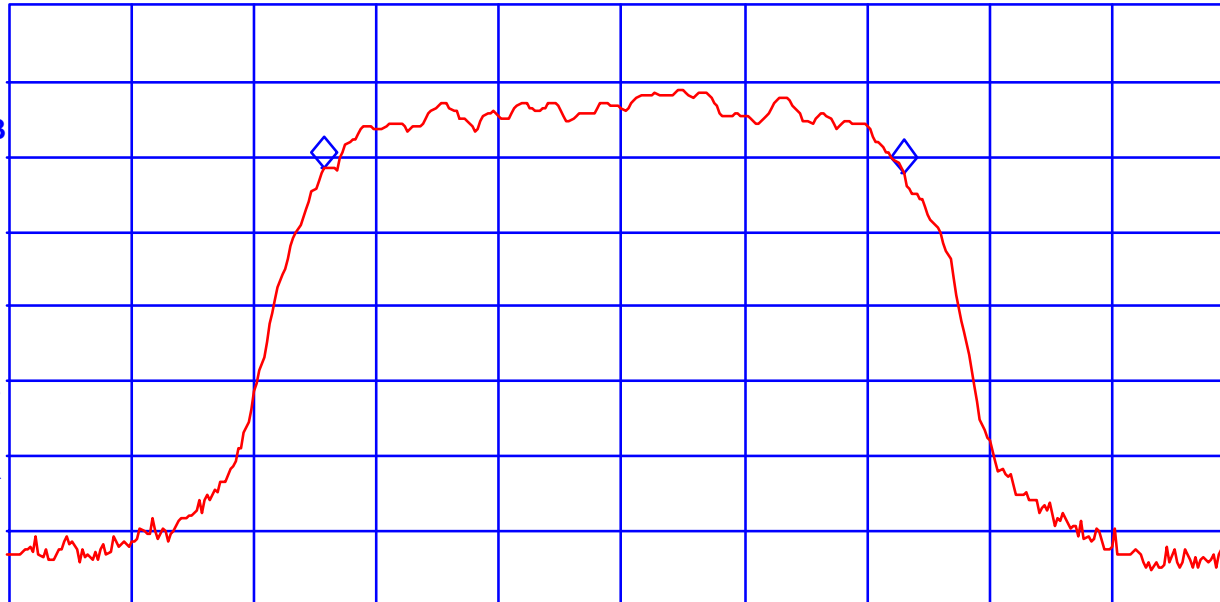
No user
Menu

REF OFFST 10.6 dB
LOG REF 25.0 dBm

10
dB/

ATN
30 dB

VA SB
SC FC
CORR



CENTER 869.00000 MHz

#IF BW 1.0 kHz

#AVG BW 3 kHz

SPAN 60.00 kHz

#SWP 10.0 sec

Annex 1 - 99% Bandwidth Measurements
Kaval RF Fiber Interface Module, Model US800C

Photo # 17
FCC ID: H6M-US800C

99% Bandwidth of RF Output Signal
Frequency: 881.5 MHz (869 - 894 MHz), Modulation: TDMA, Output Power: 17 dBm

hp

MARKER Δ
28.05 kHz
-.09 dB

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 28.05 kHz
-.09 dB

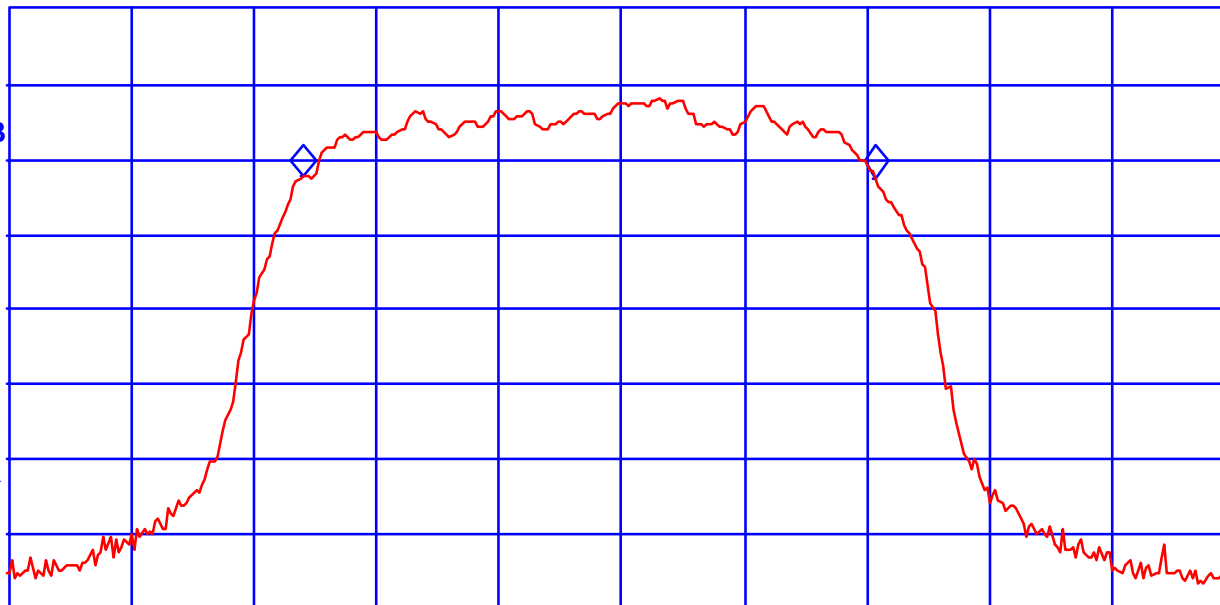
No user
Menu

REF OFFST 10.6 dB
LOG REF 25.0 dBm

LOG
10
dB/

ATN
30 dB

VA SB
SC FC
CORR



CENTER 881.50000 MHz
#IF BW 1.0 kHz

#AVG BW 3 kHz

SPAN 60.00 kHz
#SWP 10.0 sec

Annex 1 - 99% Bandwidth Measurements
Kaval RF Fiber Interface Module, Model US800C

Photo # 18
FCC ID: H6M-US800C

99% Bandwidth of RF Output Signal
Frequency: 894 MHz (869 - 894 MHz), Modulation: TDMA, Output Power: 17 dBm

hp

MARKER Δ
28.20 kHz
-.21 dB

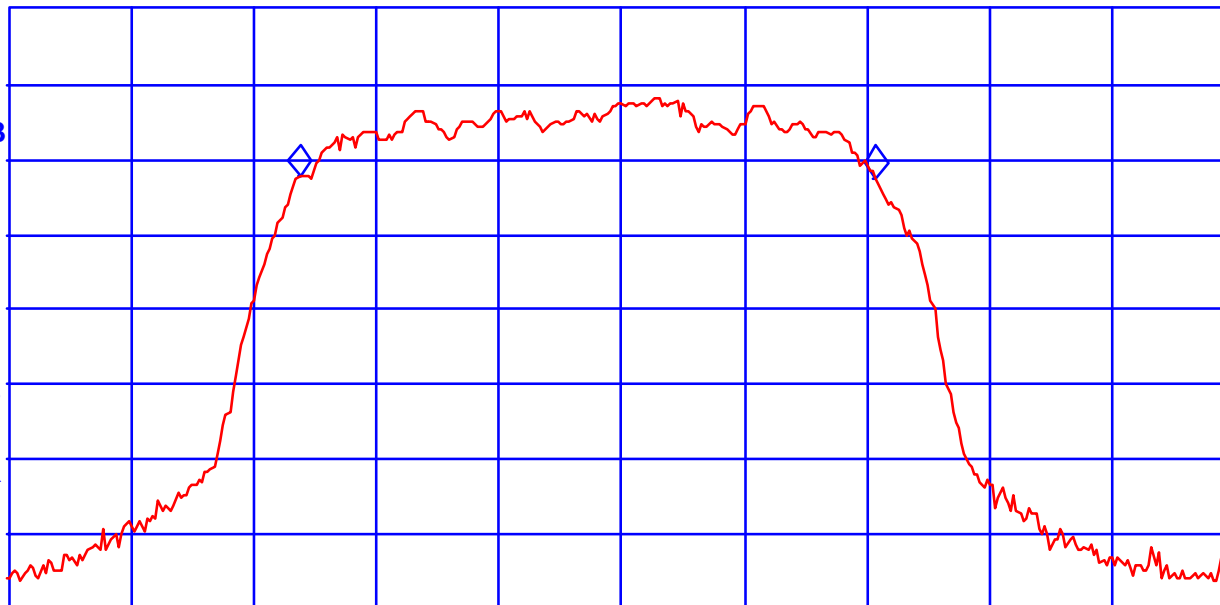
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 28.20 kHz
-.21 dB

No user
Menu

REF OFFST 10.6 dB
LOG REF 25.0 dBm

LOG
10
dB/
ATN
30 dB

VA SB
SC FC
CORR



CENTER 894.00000 MHz
#IF BW 1.0 kHz

#AVG BW 3 kHz

SPAN 60.00 kHz
#SWP 10.0 sec

99% Bandwidth of RF Input Signal
Frequency: 869 MHz (869 - 894 MHz), Modulation: GSM, Input Power: -8.57 dBm

hp

MARKER Δ
246.0 kHz
-.47 dB

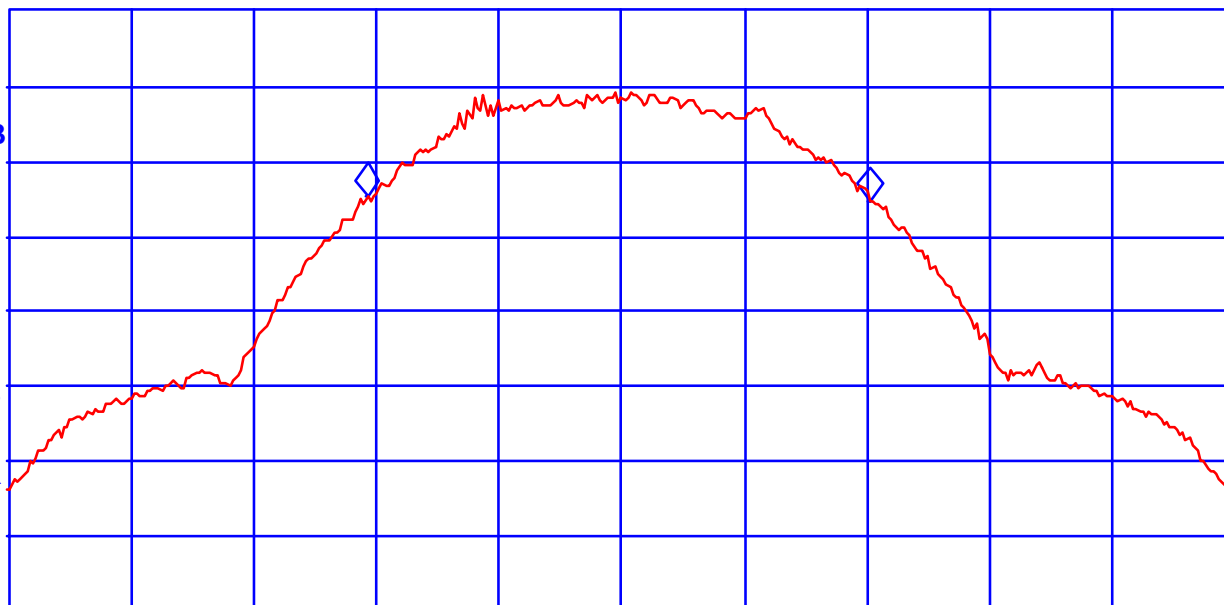
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 246.0 kHz
-.47 dB

No user
Menu

LOG REF .0 dBm

10
dB/
ATN
10 dB

VA SB
SC FC
CORR



CENTER 869.0000 MHz

#IF BW 10 kHz

#AVG BW 30 kHz

SPAN 600.0 kHz

#SWP 10.0 sec

99% Bandwidth of RF Output Signal
Frequency: 869 MHz (869 - 894 MHz), Modulation: GSM, Output Power: 17 dBm

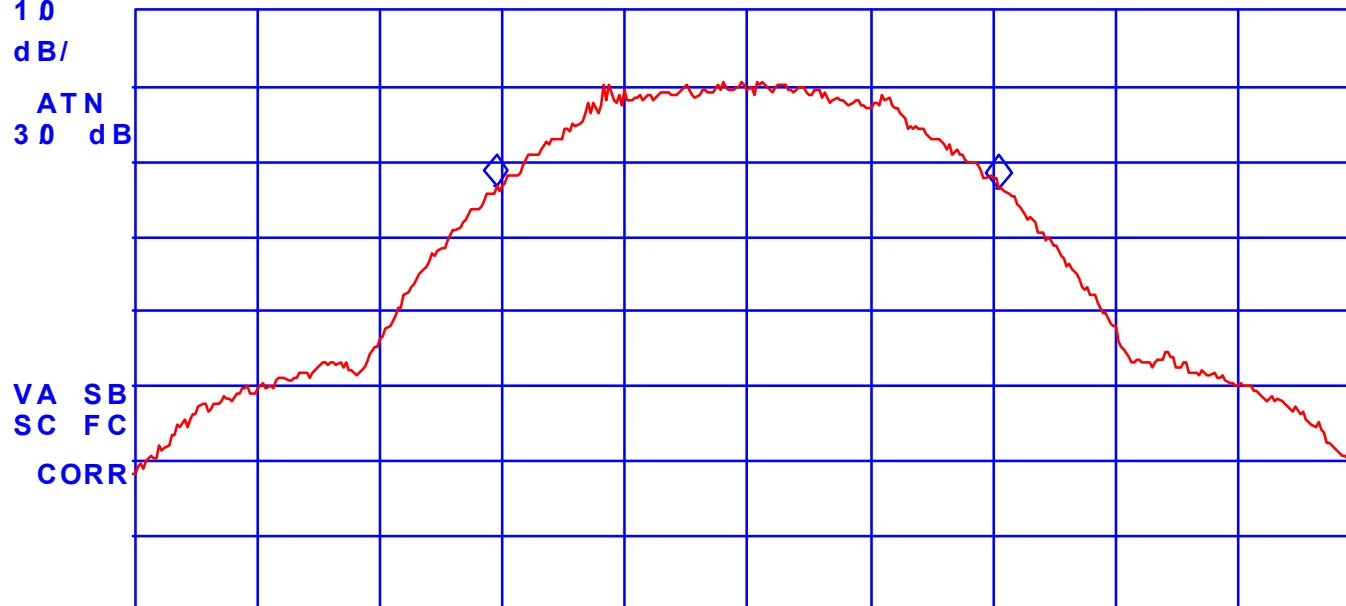
hp

MARKER Δ
246.0 kHz
-.16 dB

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 246.0 kHz
-.16 dB

No user
Menu

LOG 10
dB/
ATN 30 dB
REF OFFST 10.6 dB
REF 25.0 dBm



CENTER 869.0000 MHz
#IF BW 10 kHz

#AVG BW 30 kHz

SPAN 600.0 kHz
#SWP 10.0 sec

Annex 1 - 99% Bandwidth Measurements
Kaval RF Fiber Interface Module, Model US800C

Photo # 21
FCC ID: H6M-US800C

99% Bandwidth of RF Output Signal
Frequency: 881.5 MHz (869 - 894 MHz), Modulation: GSM, Output Power: 17 dBm

hp

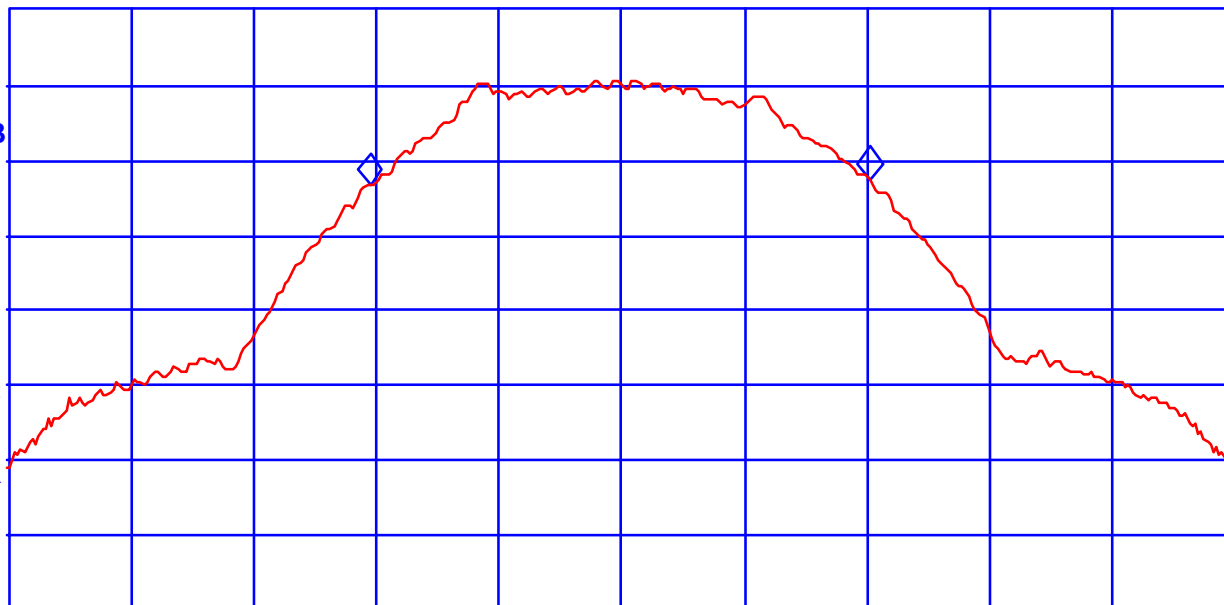
MARKER Δ
244.5 kHz
.86 dB

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 244.5 kHz
.86 dB

No user
Menu

REF OFFST 10.6 dB
LOG REF 25.0 dBm

LOG
10
dB/
ATN
30 dB
VA SB
SC FC
CORR



CENTER 881.5000 MHz
#IF BW 10 kHz

#AVG BW 30 kHz

SPAN 600.0 kHz
#SWP 10.0 sec

Annex 1 - 99% Bandwidth Measurements
Kaval RF Fiber Interface Module, Model US800C

Photo # 22
FCC ID: H6M-US800C

99% Bandwidth of RF Output Signal
Frequency: 894 MHz (869 - 894 MHz), Modulation: GSM, Output Power: 17 dBm

hp

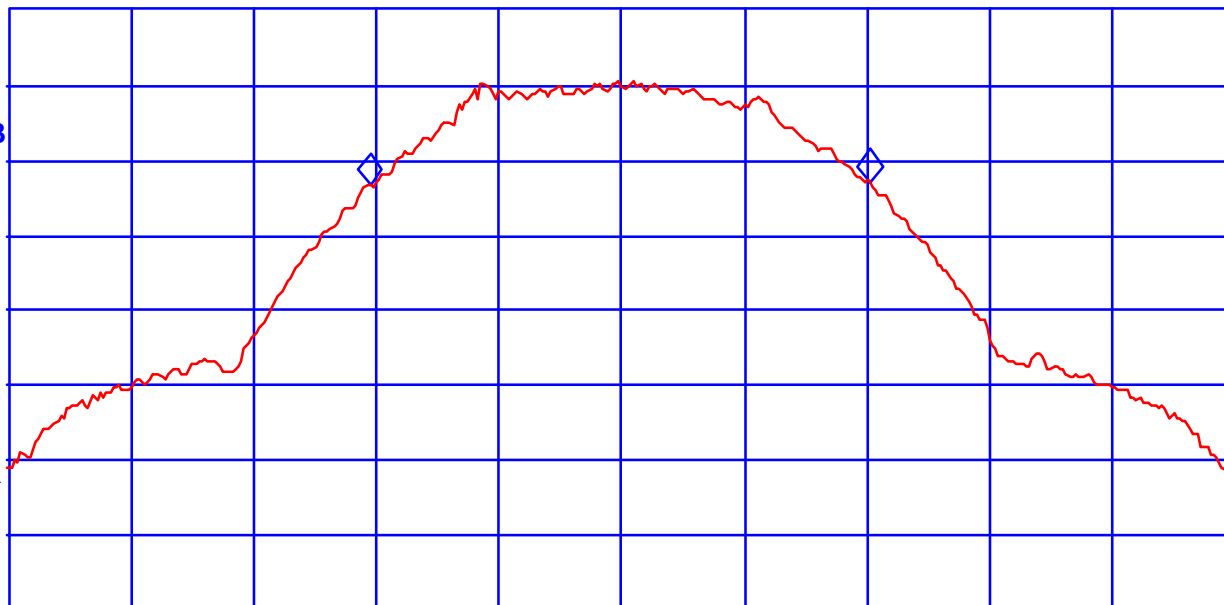
MARKER \triangle
244.5 kHz
.48 dB

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 244.5 kHz
.48 dB

No user
Menu

REF OFFST 10.6 dB
LOG REF 25.0 dBm

LOG
10
dB/
ATN
30 dB
VA SB
SC FC
CORR



CENTER 894.0000 MHz
#IF BW 10 kHz

#AVG BW 30 kHz

SPAN 600.0 kHz
#SWP 10.0 sec

Annex 1 - 99% Bandwidth Measurements
Kaval RF Fiber Interface Module, Model US800C

Photo # 23
FCC ID: H6M-US800C

99% Bandwidth of RF Input Signal
Frequency: 869 MHz (869 – 894 MHz), Input Power: -8.96 dBm
Modulation: FM modulation with 2.5 kHz Sine Wave signal, 2.5 kHz Deviation

hp

MARKER Δ
10.40 kHz
.16 dB

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 10.40 kHz
.16 dB

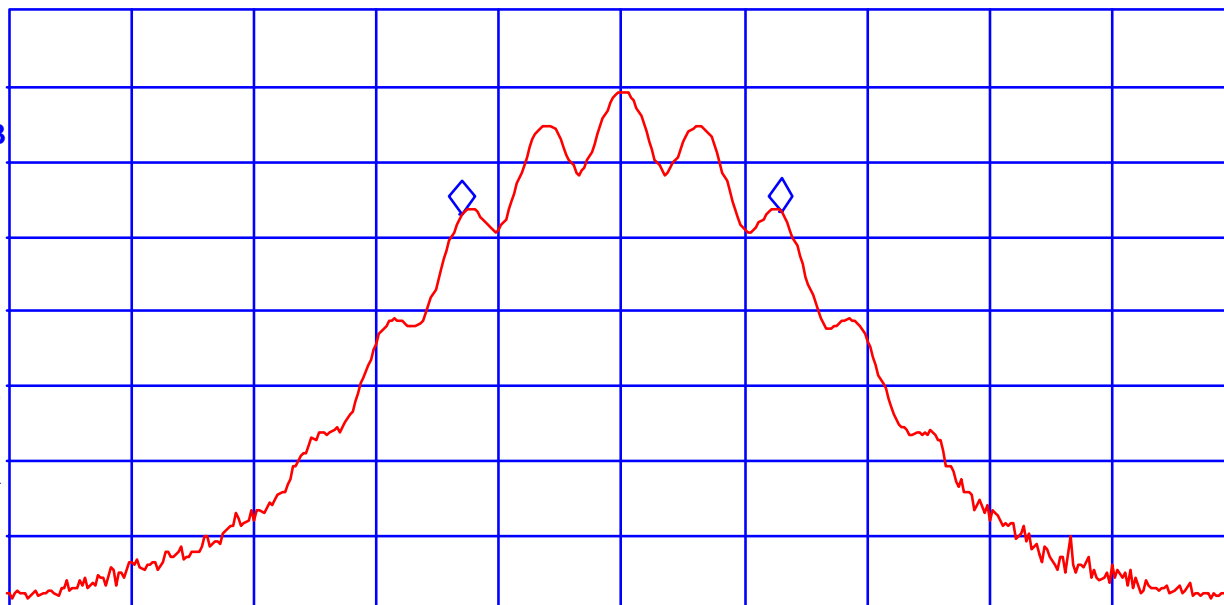
No user
Menu

LOG REF .0 dBm

10
dB/

ATN
10 dB

VA SB
SC FC
CORR



CENTER 869.00000 MHz

#IF BW 1.0 kHz

#AVG BW 3 kHz

SPAN 40.00 kHz

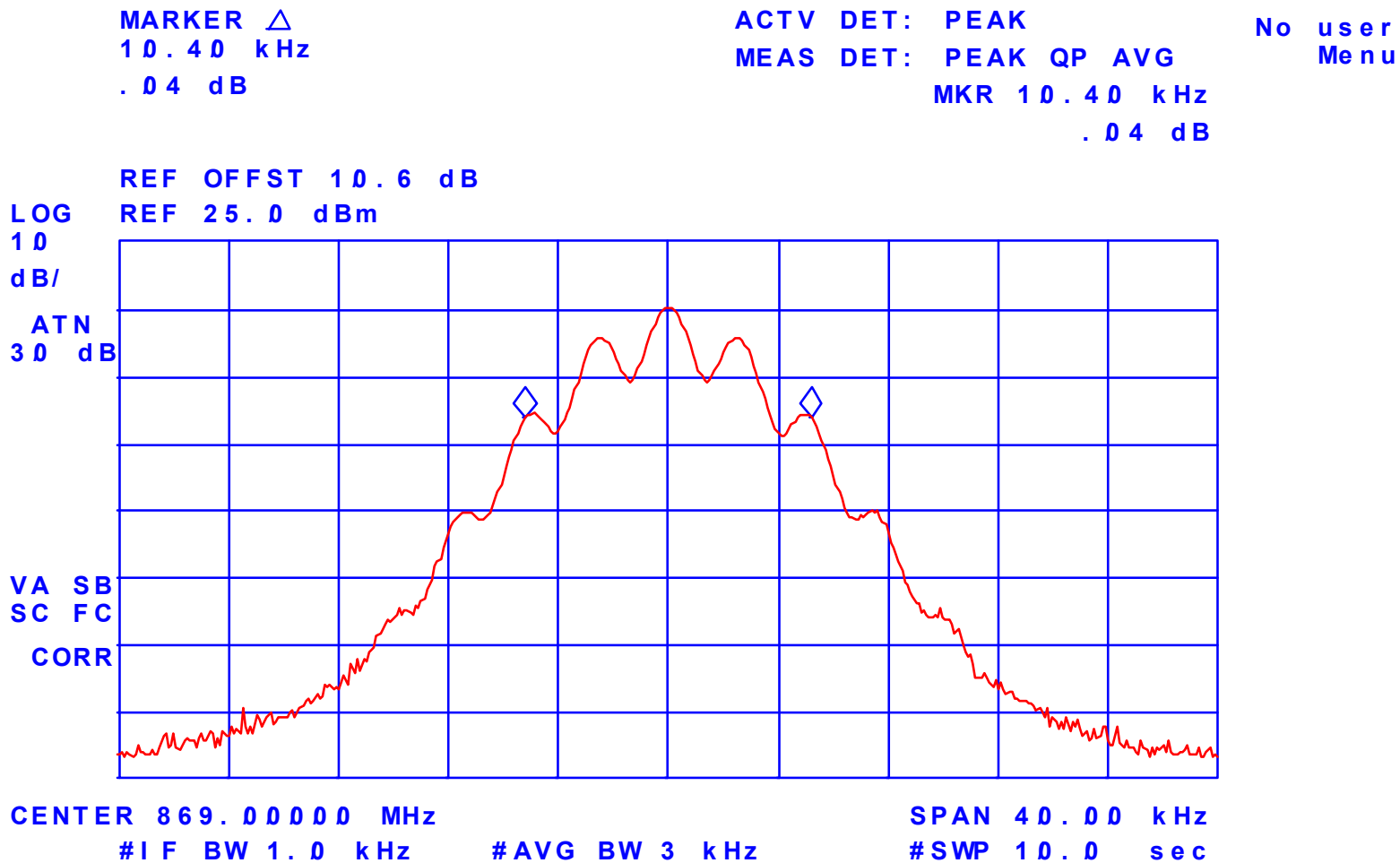
#SWP 10.0 sec

Annex 1 - 99% Bandwidth Measurements
Kaval RF Fiber Interface Module, Model US800C

Photo # 24
FCC ID: H6M-US800C

99% Bandwidth of RF Output Signal
Frequency: 869 MHz (869 - 894 MHz), Output Power: 17 dBm
Modulation: FM modulation with 2.5 kHz Sine Wave signal, 2.5 kHz Deviation

hp



Annex 1 - 99% Bandwidth Measurements
Kaval RF Fiber Interface Module, Model US800C

Photo # 25
FCC ID: H6M-US800C

99% Bandwidth of RF Output Signal
Frequency: 881.5 MHz (869 - 894 MHz), Output Power: 17 dBm
Modulation: FM modulation with 2.5 kHz Sine Wave signal, 2.5 kHz Deviation

hp

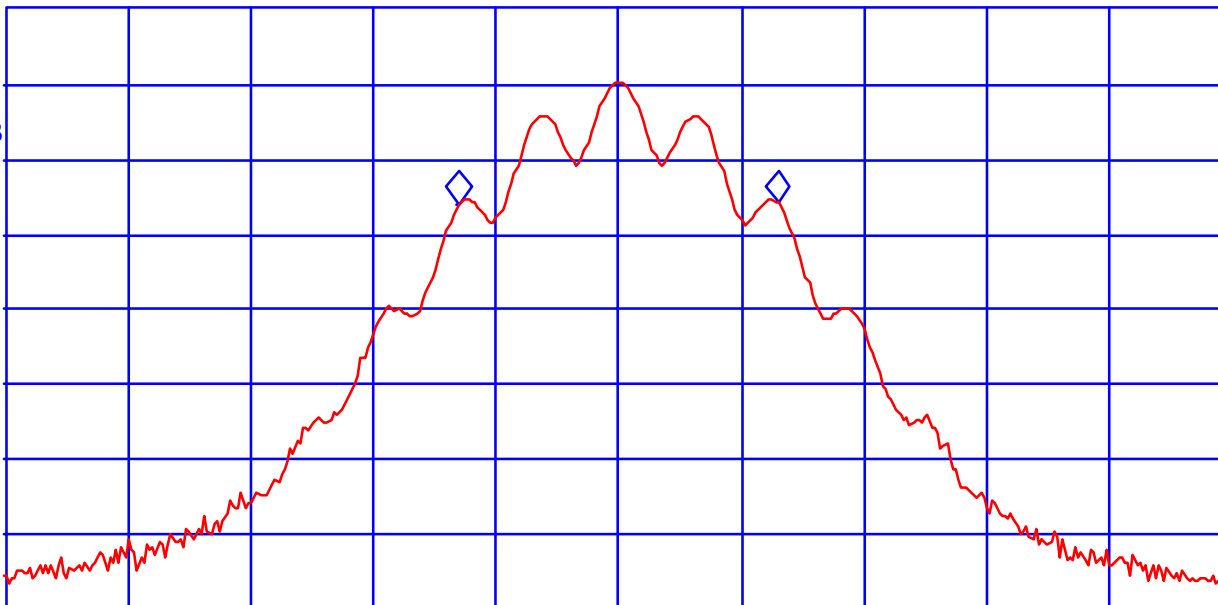
MARKER Δ
10.40 kHz
.18 dB

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 10.40 kHz
.18 dB

No user
Menu

REF OFFST 10.6 dB
REF 25.0 dBm

LOG
10
dB/
ATN
30 dB
VA SB
SC FC
CORR



CENTER 881.50000 MHz
#IF BW 1.0 kHz

#AVG BW 3 kHz

SPAN 40.00 kHz
#SWP 10.0 sec

Annex 1 - 99% Bandwidth Measurements
Kaval RF Fiber Interface Module, Model US800C

Photo # 26
FCC ID: H6M-US800C

99% Bandwidth of RF Output Signal
Frequency: 894 MHz (869 - 894 MHz), Output Power: 17 dBm
Modulation: FM modulation with 2.5 kHz Sine Wave signal, 2.5 kHz Deviation

hp

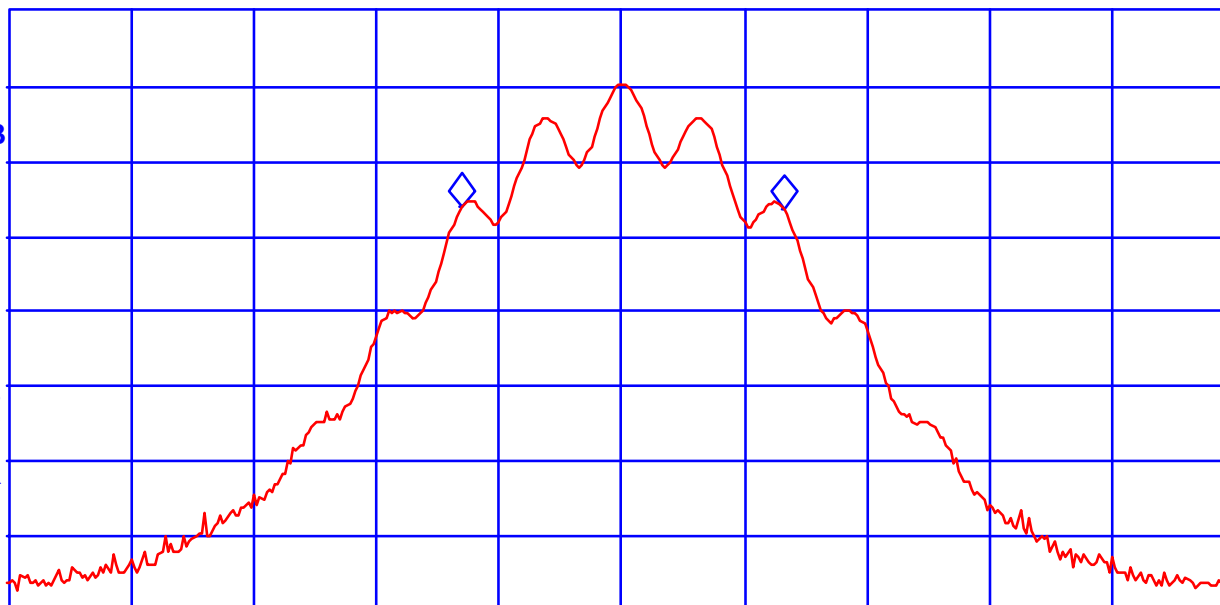
MARKER Δ
10.50 kHz
-.14 dB

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 10.50 kHz
-.14 dB

No user
Menu

REF OFFST 10.6 dB
LOG REF 25.0 dBm

LOG
10
dB/
ATN
30 dB
VA SB
SC FC
CORR



CENTER 894.00000 MHz
#IF BW 1.0 kHz

#AVG BW 3 kHz

SPAN 40.00 kHz
#SWP 10.0 sec

Annex 1 - 99% Bandwidth Measurements
Kaval RF Fiber Interface Module, Model US800C

Photo # 27
FCC ID: H6M-US800C

99% Bandwidth of RF Input Signal
Frequency: 869 MHz (869 – 894 MHz), Input Power: - 8.96 dBm
Modulation: FM modulation with an external 9600 b/s random data source, 2.5 kHz Deviation

hp

MARKER Δ
11.50 kHz
.09 dB

ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 11.50 kHz
.09 dB

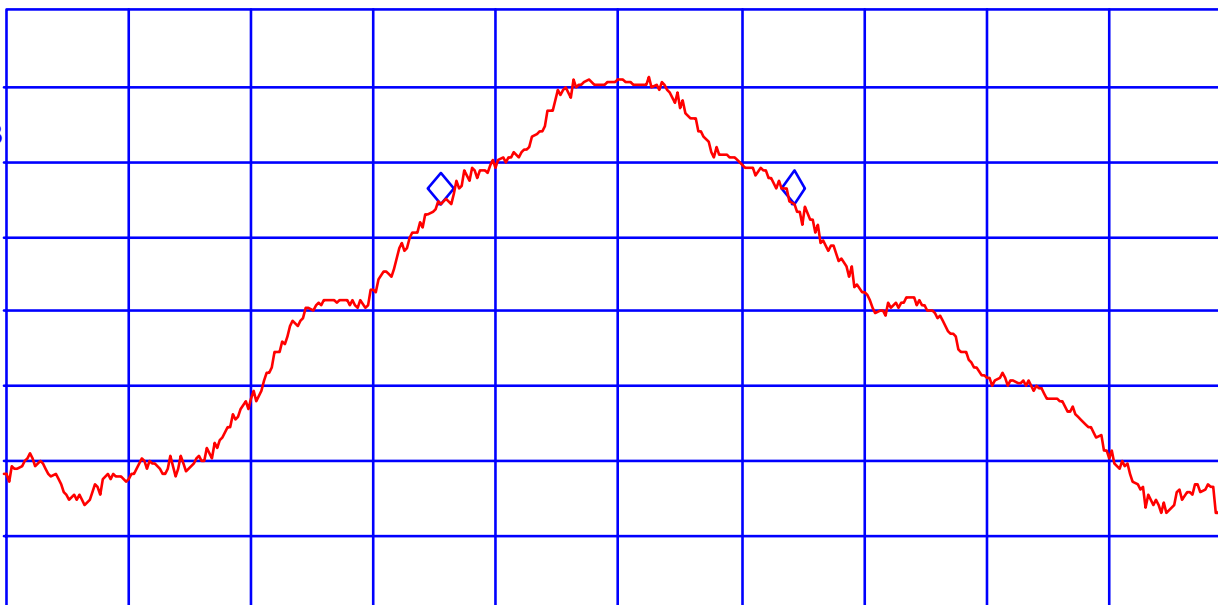
No user
Menu

LOG REF .0 dBm

10
dB/

ATN
10 dB

VA SB
SC FC
CORR



CENTER 869.00000 MHz

#IF BW 1.0 kHz

#AVG BW 3 kHz

SPAN 40.00 kHz

#SWP 10.0 sec

99% Bandwidth of RF Output Signal
Frequency: 869 MHz (869 - 894 MHz), Output Power: 17 dBm
Modulation: FM modulation with an external 9600 b/s random data source, 2.5 kHz Deviation

hp

MARKER \triangle
11.50 kHz
.56 dB

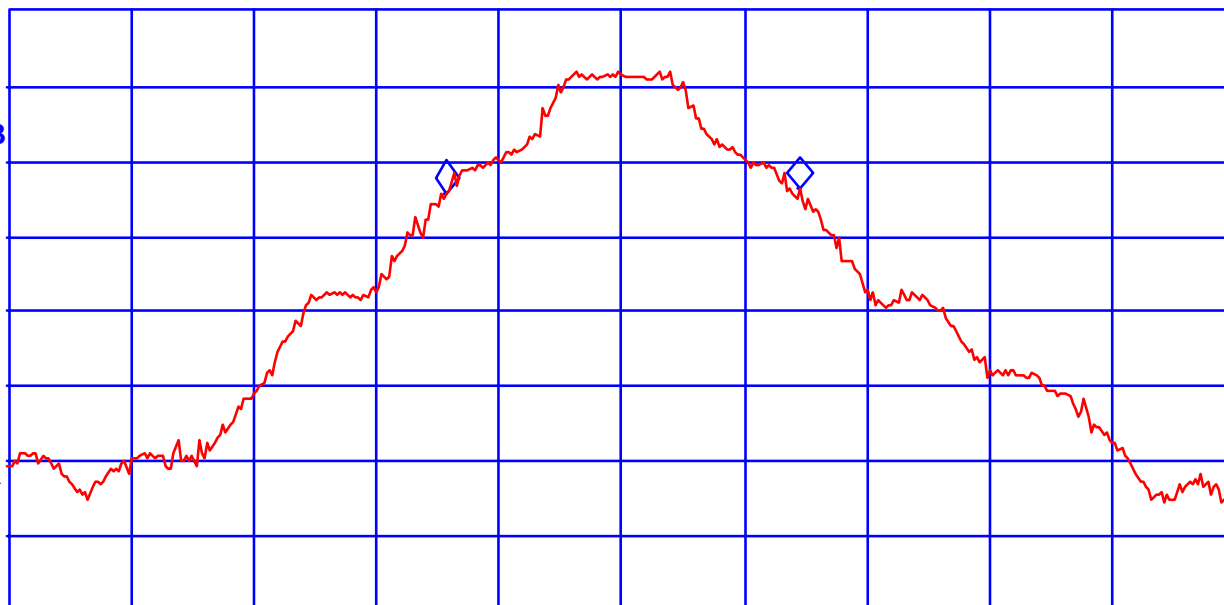
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 11.50 kHz
.56 dB

No user
Menu

REF OFFST 10.6 dB
LOG REF 25.0 dBm

LOG
10
dB/
ATN
30 dB

VA SB
SC FC
CORR



CENTER 869.00000 MHz
#IF BW 1.0 kHz

#AVG BW 3 kHz

SPAN 40.00 kHz
#SWP 10.0 sec

99% Bandwidth of RF Output Signal
Frequency: 881.5 MHz (869 - 894 MHz), Output Power: 17 dBm
Modulation: FM modulation with an external 9600 b/s random data source, 2.5 kHz Deviation

hp

MARKER Δ
11.60 kHz
-.90 dB

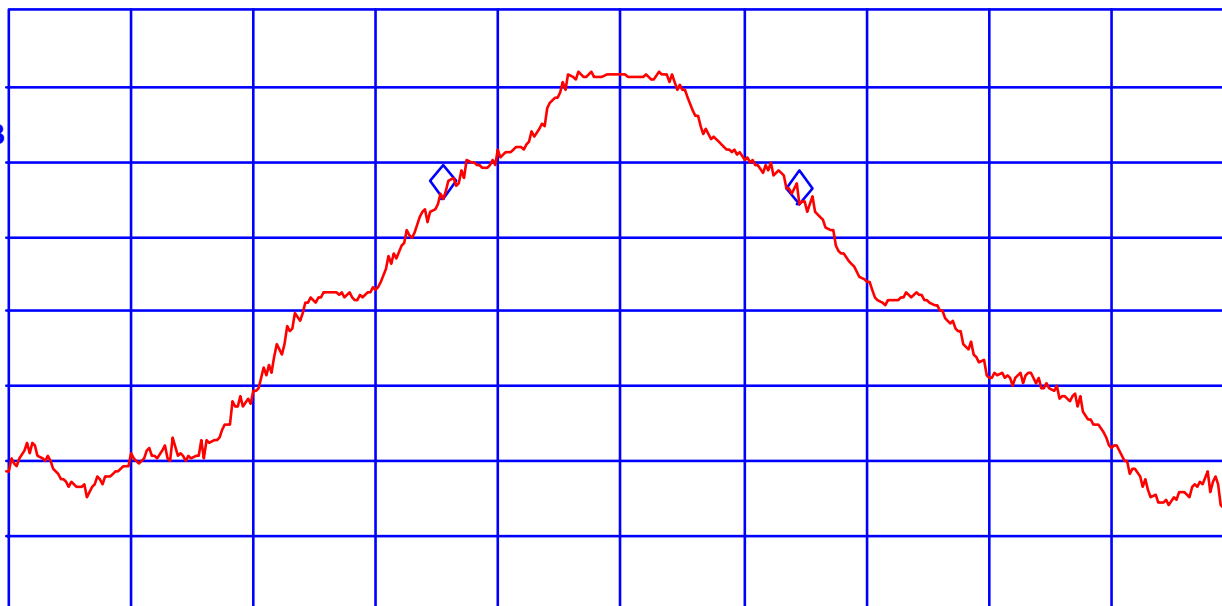
ACTV DET: PEAK
MEAS DET: PEAK QP AVG
MKR 11.60 kHz
-.90 dB

No user
Menu

REF OFFST 10.6 dB
LOG REF 25.0 dBm

LOG
10
dB/
ATN
30 dB

VA SB
SC FC
CORR



CENTER 881.50000 MHz
#IF BW 1.0 kHz

#AVG BW 3 kHz

SPAN 40.00 kHz
#SWP 10.0 sec

Annex 1 - 99% Bandwidth Measurements
Kaval RF Fiber Interface Module, Model US800C

Photo # 30
FCC ID: H6M-US800C

99% Bandwidth of RF Output Signal
Frequency: 894 MHz (869 - 894 MHz), Output Power: 17 dBm
Modulation: FM modulation with an external 9600 b/s random data source, 2.5 kHz Deviation

hp

