

Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz

Photo # 32

Kaval RF Fiber Interface Module, Model US1900P

FCC ID: H6M-US1900P

Fc: 1931 MHz, Modulation: CDMA

hp

MARKER  
1.665 GHz  
-35.44 dBm

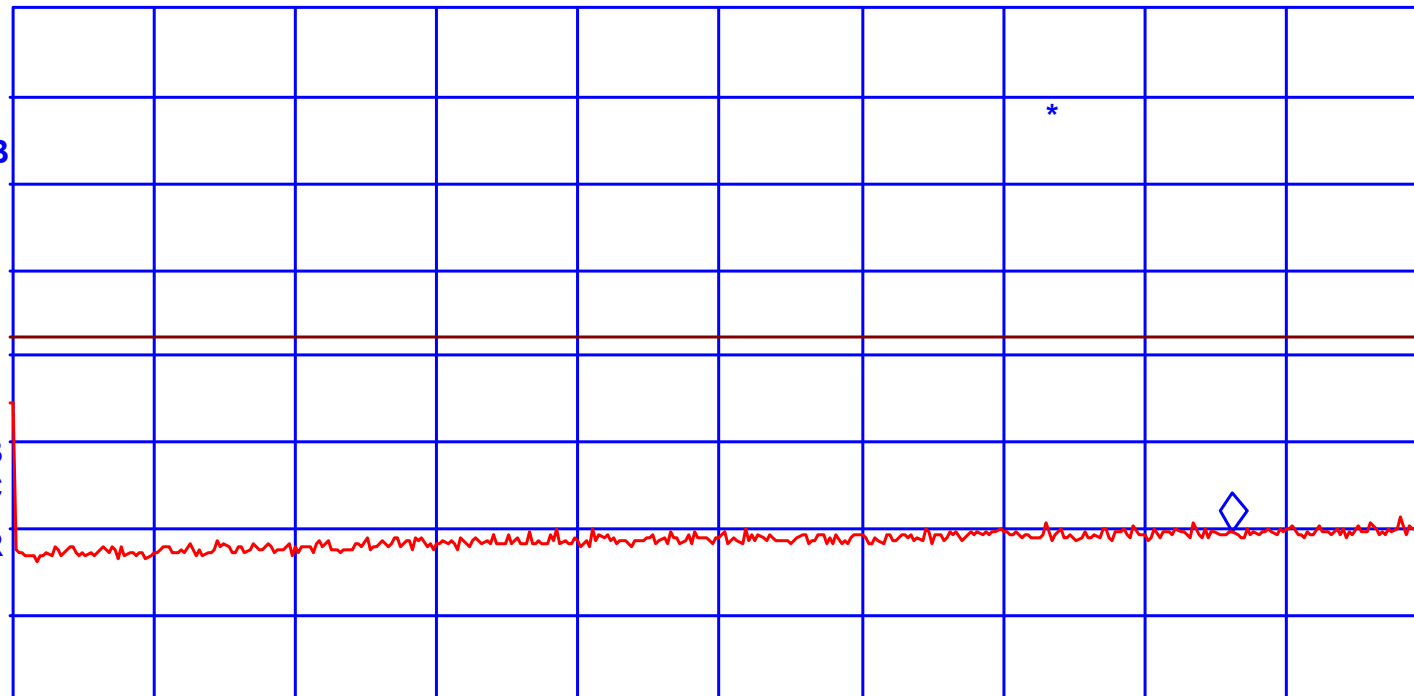
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 1.665 GHz  
-35.44 dBm

No user  
Menu

REF OFFST 11.3 dB  
REF 25.0 dBm

LOG 10  
dB/  
ATN 30 dB

WA SB  
SC FC  
CORR



START 10 MHz STOP 1.929 GHz  
#IF BW 1.0 MHz #AVG BW 3 MHz #SWP 10.0 sec

**Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz**  
Kaval RF Fiber Interface Module, Model US1900P

**Photo # 33**

FCC ID: H6M-US1900P

Fc: 1931 MHz, Modulation: CDMA



**START**  
1.9910 GHz

**ACTV DET: PEAK**

No user  
Menu

**MEAS DET: PEAK QP AVG**

**MKR 2.5273 GHz**

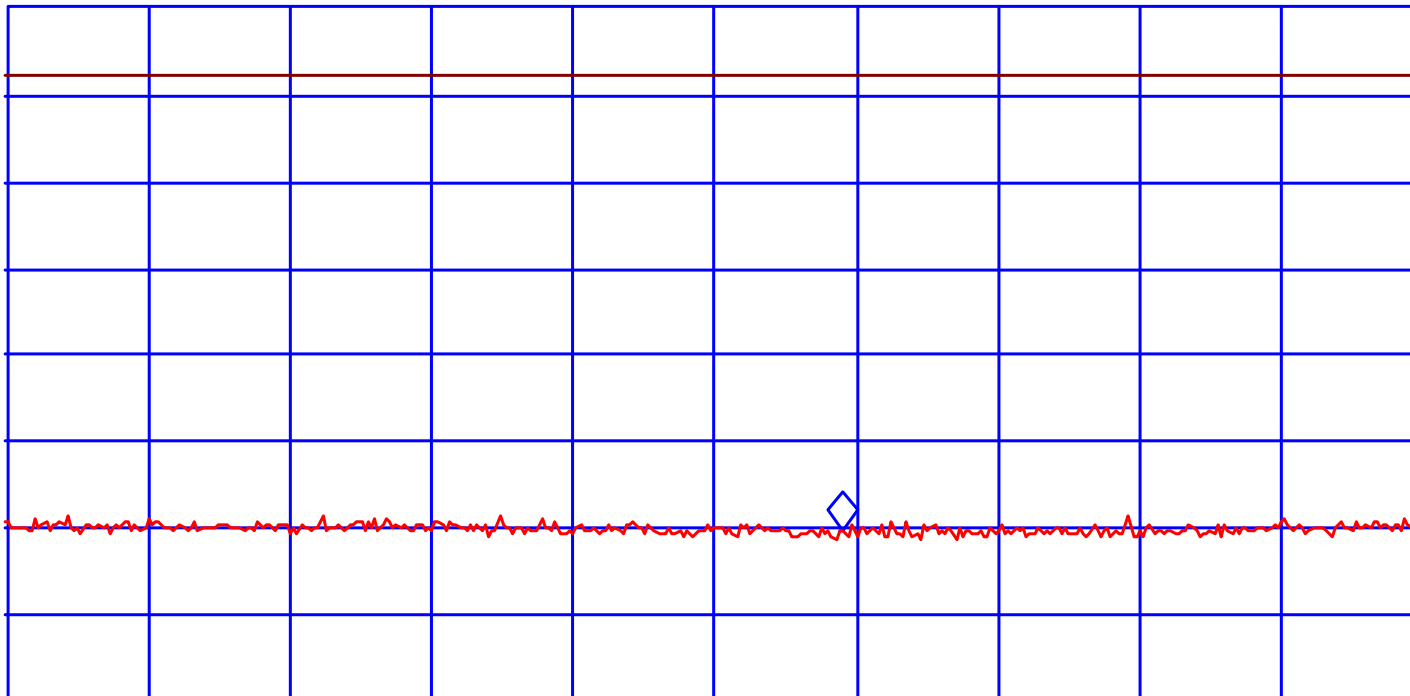
**- 65.40 dBm**

**REF OFFST 11.3 dB**

**LOG**  
10  
dB/  
#ATN  
0 dB

**REF - 5.0 dBm**

MA SB  
SC FC  
CORR



**START 1.9910 GHz**

**#IF BW 1.0 MHz**

**#AVG BW 3 MHz**

**STOP 2.9000 GHz**

**#SWP 10.0 sec**

**Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz**  
Kaval RF Fiber Interface Module, Model US1900P

**Photo # 34**

FCC ID: H6M-US1900P

Fc: 1931 MHz, Modulation: CDMA



START  
2.90 GHz

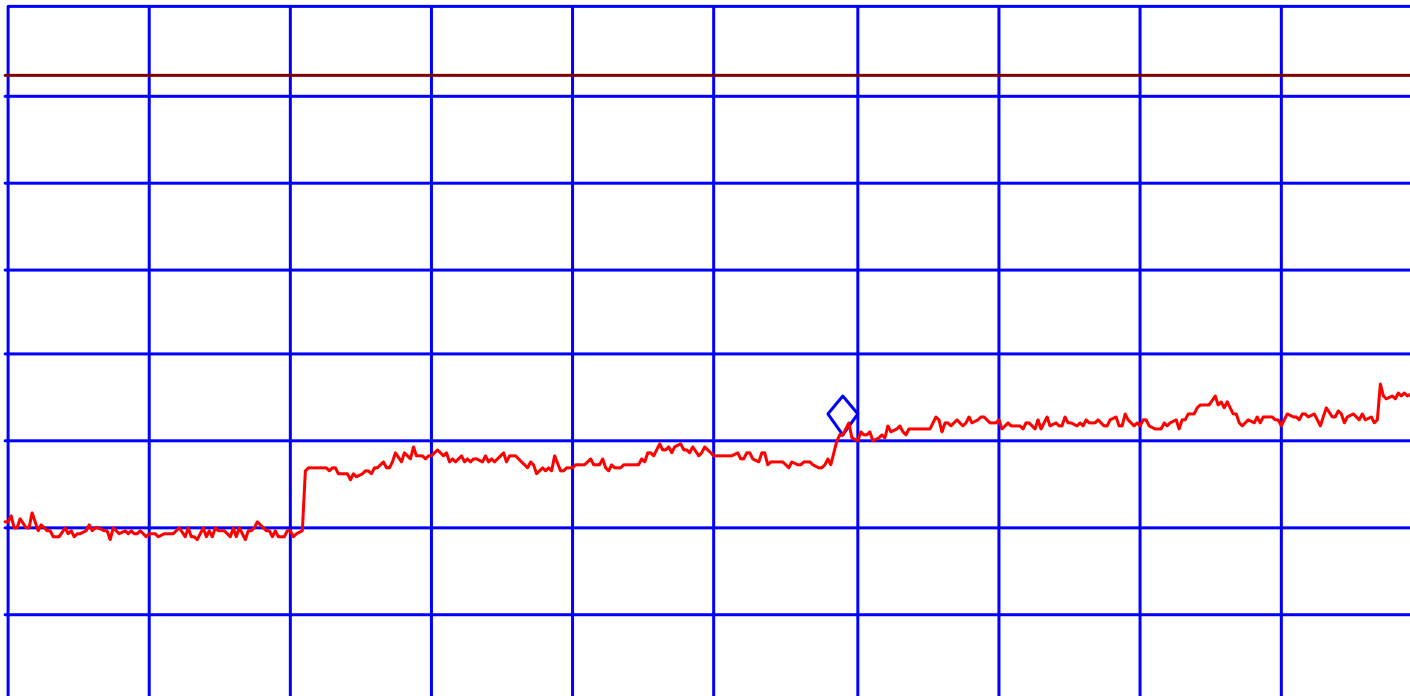
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 12.99 GHz  
- 54.38 dBm

No user  
Menu

REF OFFST 11.3 dB  
REF - 5.0 dBm

LOG  
10  
dB/  
# ATN  
0 dB

MA SB  
SC FC  
CORR



START 2.90 GHz STOP 20.00 GHz  
#IF BW 1.0 MHz #AVG BW 3 MHz #SWP 10.0 sec

Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz  
Kaval RF Fiber Interface Module, Model US1900P

Photo # 35

FCC ID: H6M-US1900P

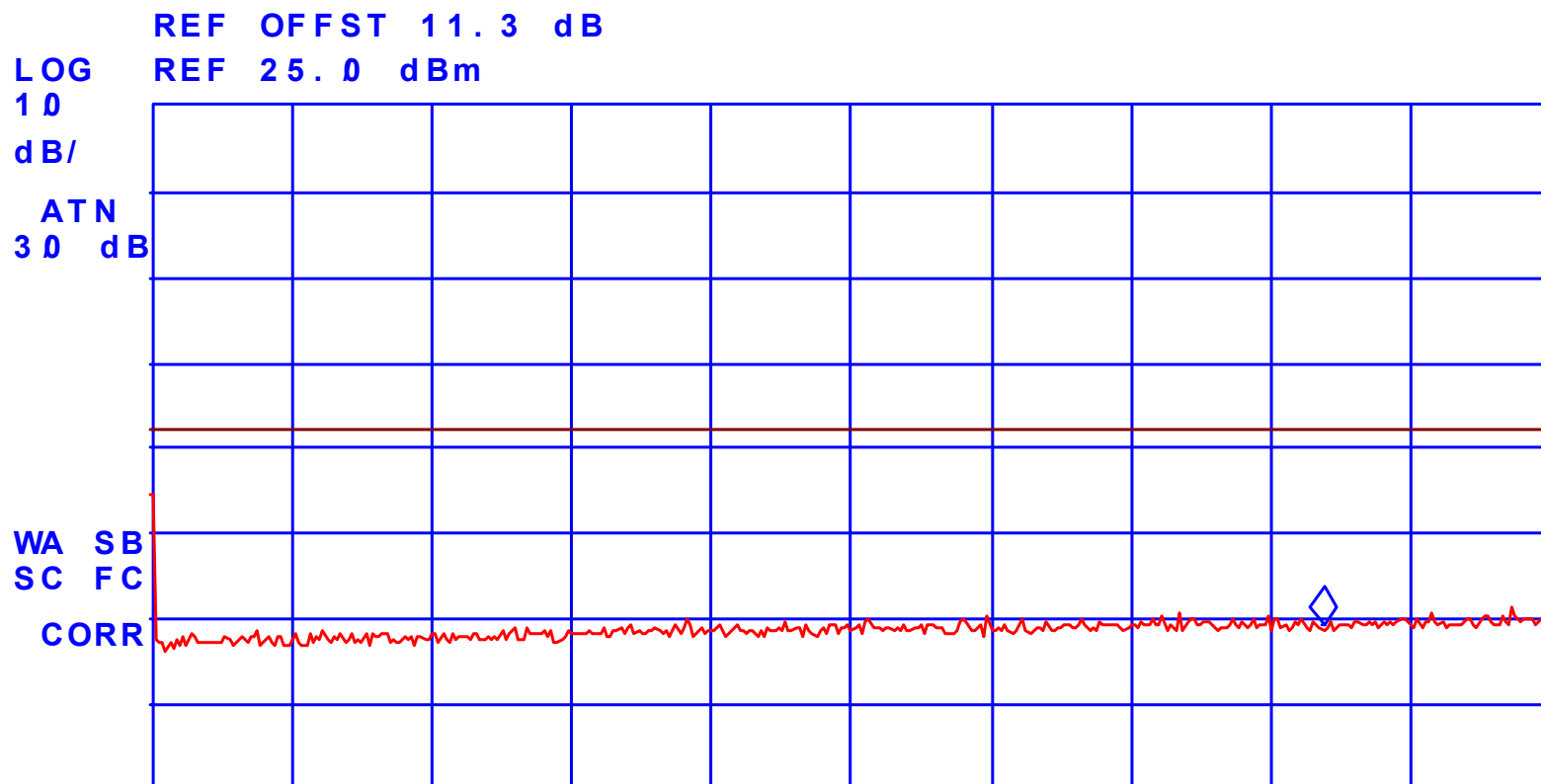
Fc: 1960 MHz, Modulation: CDMA

hp

MARKER  
1.617 GHz  
-35.92 dBm

ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 1.617 GHz  
-35.92 dBm

No user  
Menu



START 10 MHz STOP 1.929 GHz  
#IF BW 1.0 MHz #AVG BW 3 MHz #SWP 10.0 sec

**Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz**  
Kaval RF Fiber Interface Module, Model US1900P

**Photo # 36**

FCC ID: H6M-US1900P

Fc: 1960 MHz, Modulation: CDMA



**MARKER**  
2.5273 GHz  
-64.50 dBm

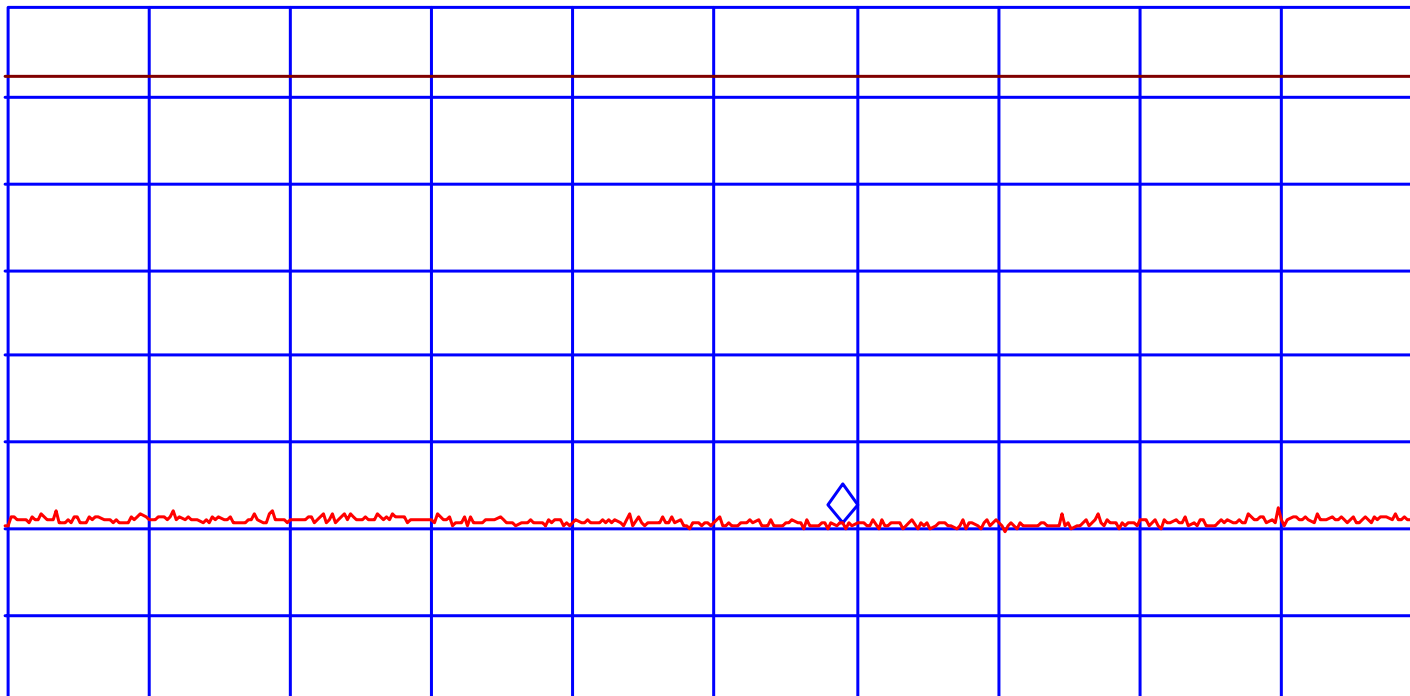
**ACTV DET: PEAK**  
**MEAS DET: PEAK QP AVG**  
MKR 2.5273 GHz  
-64.50 dBm

No user  
Menu

**REF OFFST 11.3 dB**  
**REF -5.0 dBm**

**LOG**  
10  
dB/  
#ATN  
0 dB

**MA SB**  
**SC FC**  
**CORR**



**START 1.9910 GHz**

**#IF BW 1.0 MHz**

**#AVG BW 3 MHz**

**STOP 2.9000 GHz**

**#SWP 10.0 sec**

Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz  
Kaval RF Fiber Interface Module, Model US1900P

Photo # 37

FCC ID: H6M-US1900P

Fc: 1960 MHz, Modulation: CDMA

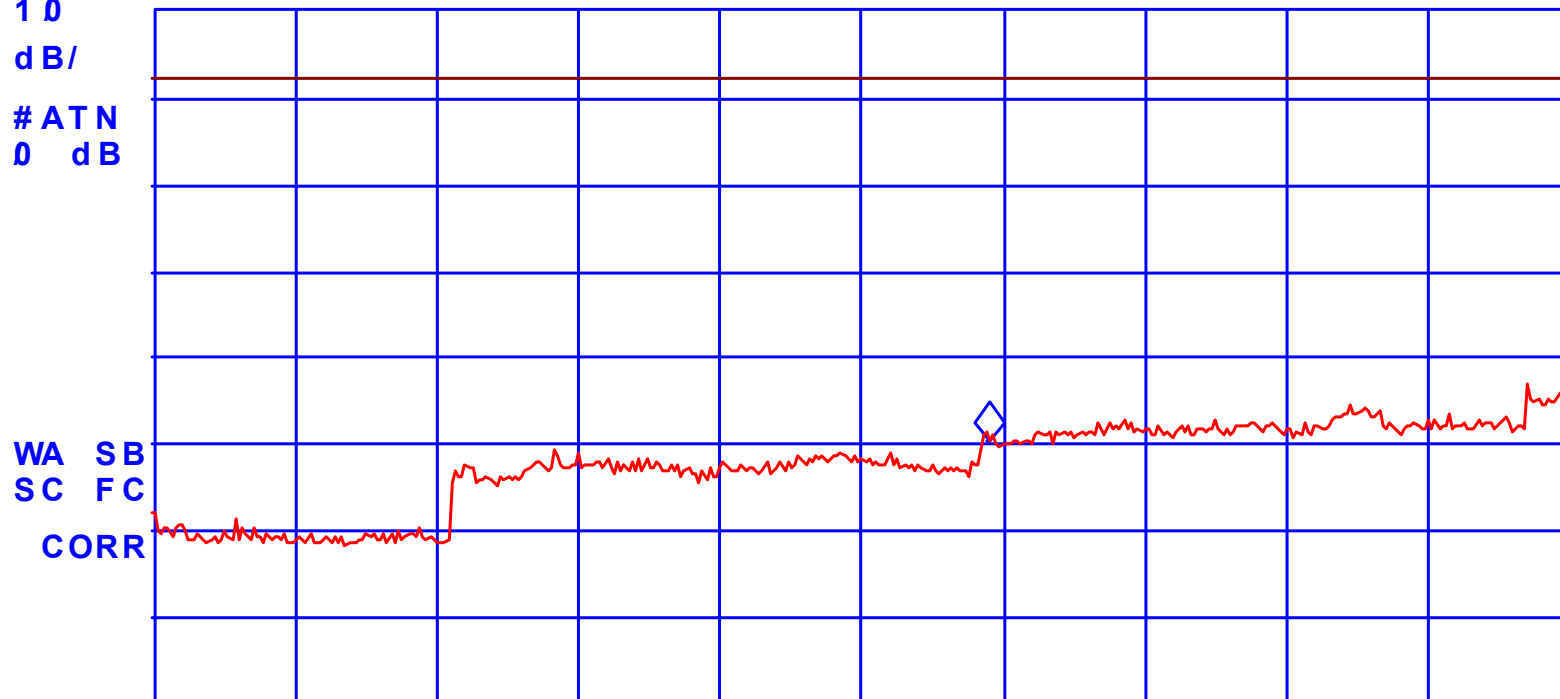
tip

START  
2.90 GHz

ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 12.99 GHz  
- 54.89 dBm

No user  
Menu

LOG 1 0  
dB/  
# ATN 0 dB  
REF OFFST 11.3 dB  
REF - 5.0 dBm



START 2.90 GHz

# I F BW 1.0 MHz

# AVG BW 3 MHz

STOP 20.00 GHz

# SWP 10.0 sec

**Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz**  
Kaval RF Fiber Interface Module, Model US1900P

**Photo # 38**

FCC ID: H6M-US1900P

Fc: 1989 MHz, Modulation: CDMA

*tip*

**MARKER**  
1.617 GHz  
-35.71 dBm

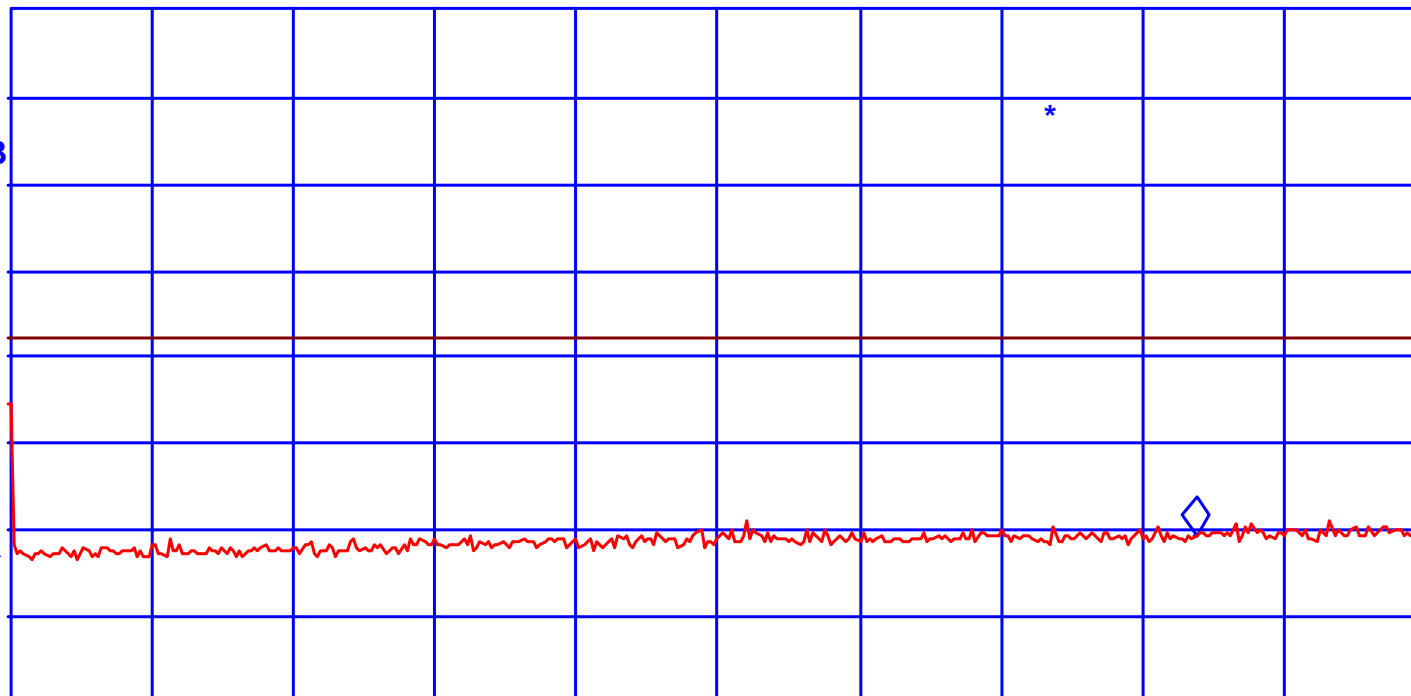
**ACTV DET: PEAK**  
**MEAS DET: PEAK QP AVG**  
MKR 1.617 GHz  
-35.71 dBm

No user  
Menu

**REF OFFST 11.3 dB**  
**REF 25.0 dBm**

**LOG**  
1 0  
**dB/**  
**ATN**  
3 0 dB

**WA SB**  
**SC FC**  
**CORR**



**START 1.0 MHz** **STOP 1.929 GHz**  
**#IF BW 1.0 MHz** **#AVG BW 3 MHz** **#SWP 10.0 sec**

# Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band In Downlink Band 1930 – 1990 MHz

Photo # 39

Kaval RF Fiber Interface Module, Model US1900P

FCC ID: H6M-US1900P

Fc: 1989 MHz, Modulation: CDMA



MARKER  
2.5273 GHz  
-64.91 dBm

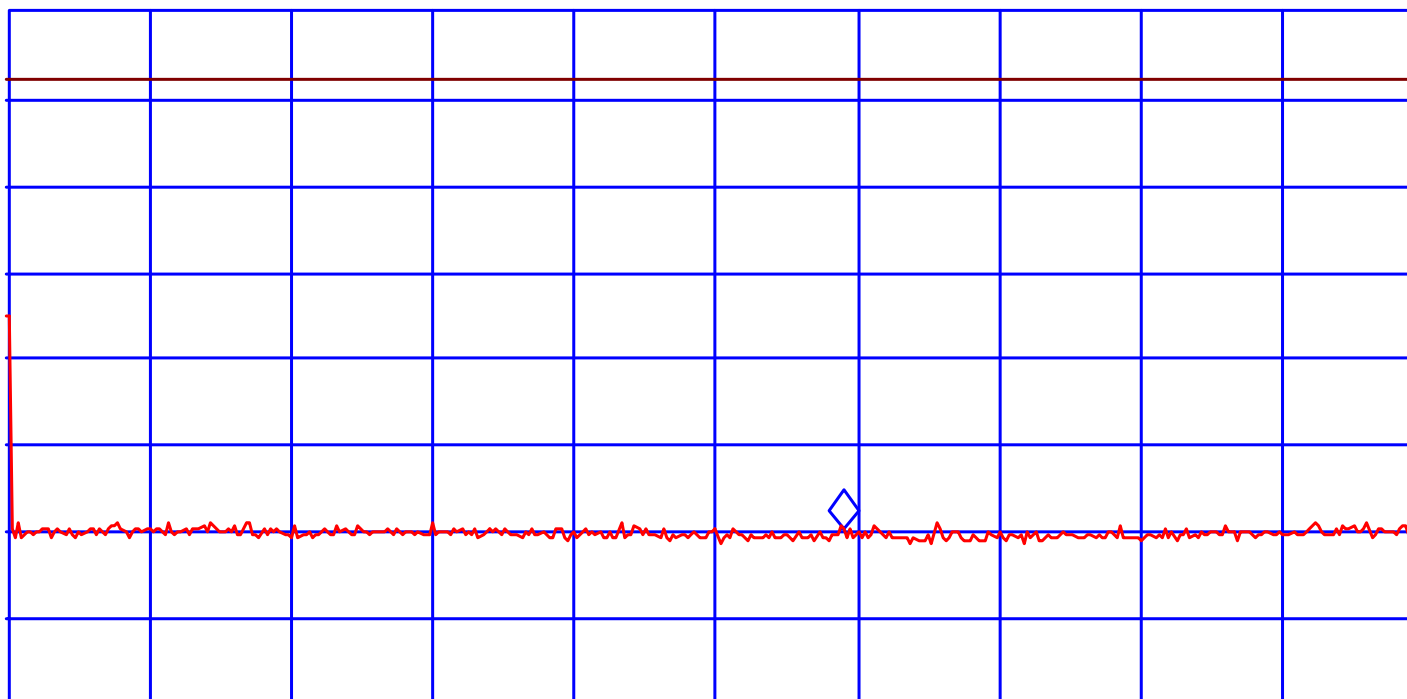
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 2.5273 GHz  
-64.91 dBm

No user  
Menu

REF OFFST 11.3 dB  
REF -5.0 dBm

LOG 10  
dB/  
#ATN 0 dB

MA SB  
SC FC  
CORR



START 1.9910 GHz

STOP 2.9000 GHz

#IF BW 1.0 MHz

#AVG BW 3 MHz

#SWP 10.0 sec



**Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz**  
Kaval RF Fiber Interface Module, Model US1900P

Photo # 40

FCC ID: H6M-US1900P

Fc: 1989 MHz, Modulation: CDMA

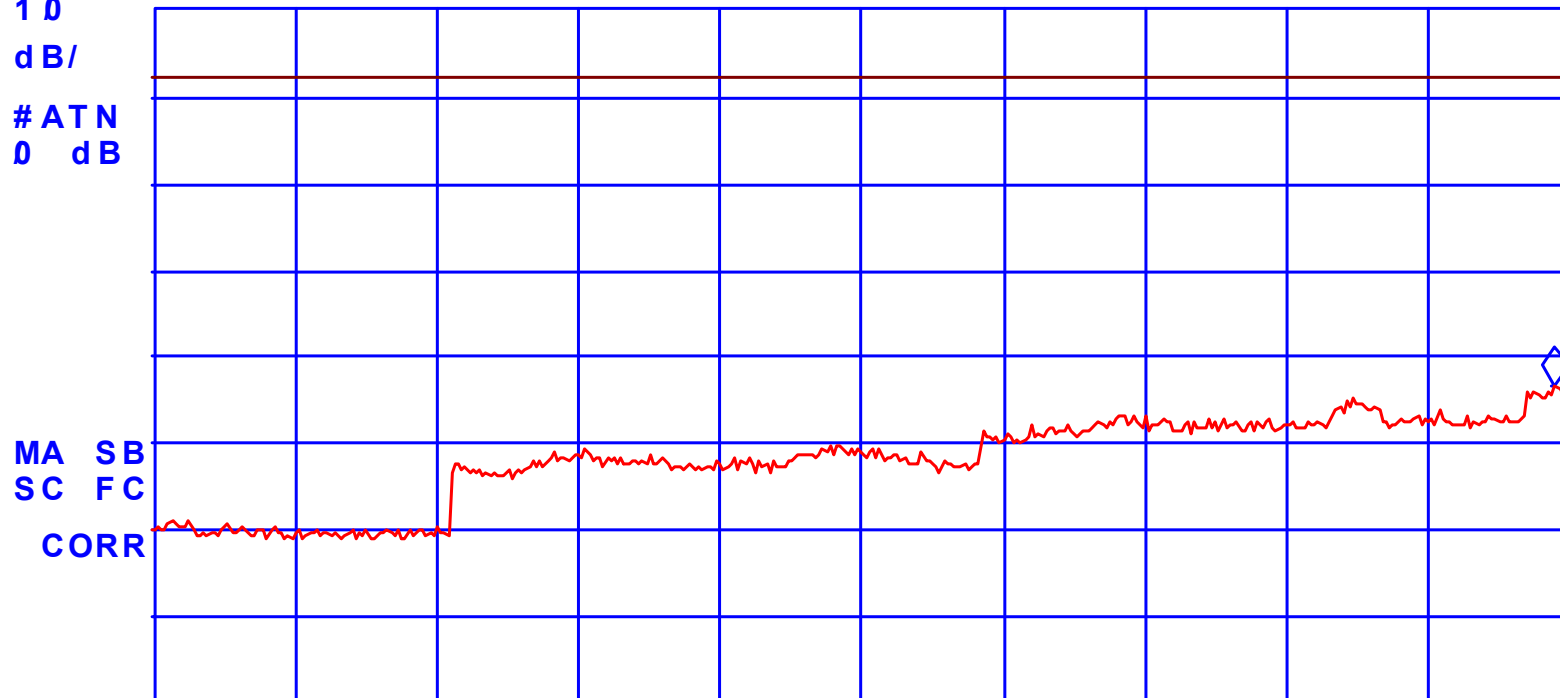
*tp*

MARKER  
19.83 GHz  
-48.45 dBm

ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 19.83 GHz  
-48.45 dBm

No user  
Menu

LOG 1 0  
dB/  
# ATN 0 dB  
REF OFFST 11.3 dB  
REF -5.0 dBm



START 2.90 GHz STOP 20.00 GHz  
#IF BW 1.0 MHz #AVG BW 3 MHz #SWP 10.0 sec

Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz  
Kaval RF Fiber Interface Module, Model US1900P

Photo # 41

FCC ID: H6M-US1900P

Fc: 1931 MHz, Modulation: TDMA

hp

MARKER  
1.617 GHz  
-35.37 dBm

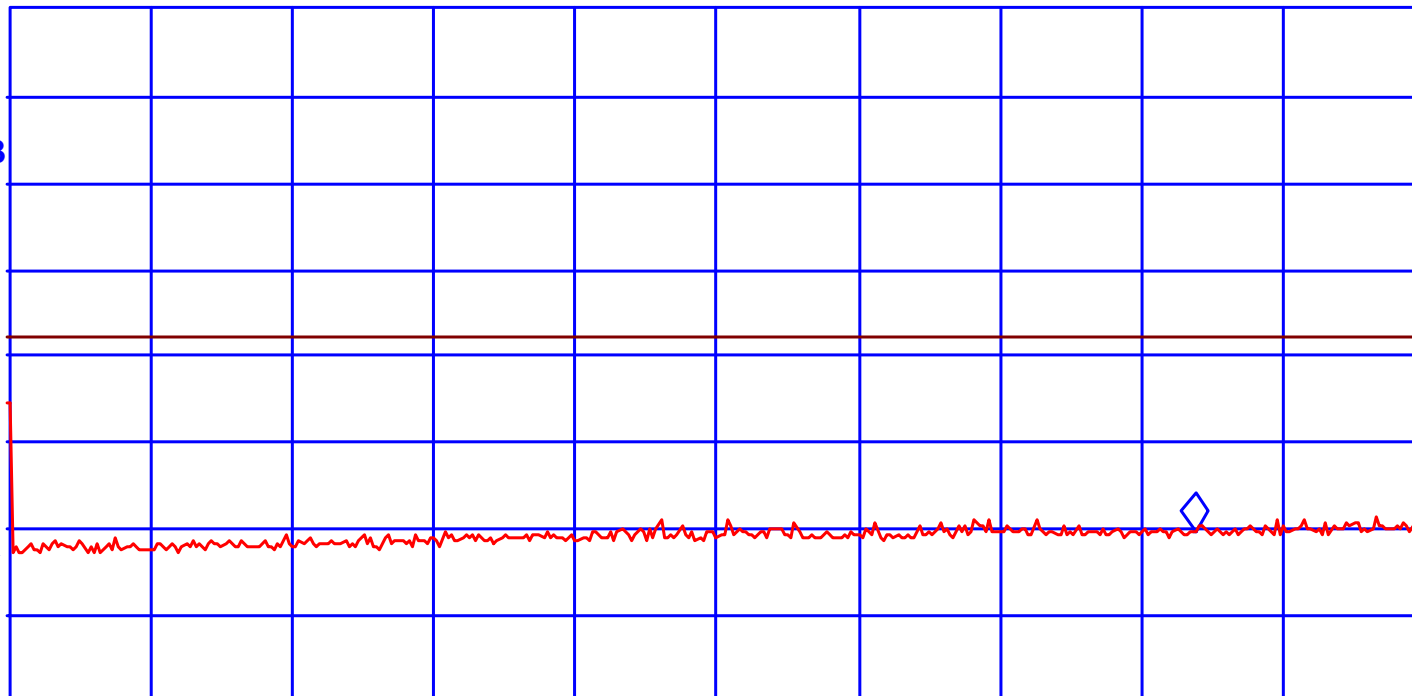
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 1.617 GHz  
-35.37 dBm

No user  
Menu

REF OFFST 11.3 dB  
REF 25.0 dBm

LOG 10  
dB/  
ATN 30 dB

MA SB  
SC FC  
CORR



START 10 MHz STOP 1.929 GHz  
#IF BW 1.0 MHz #AVG BW 3 MHz #SWP 10.0 sec

Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz

Photo # 42

Kaval RF Fiber Interface Module, Model US1900P

FCC ID: H6M-US1900P

Fc: 1931 MHz, Modulation: TDMA



MARKER  
2.1228 GHz  
-64.14 dBm

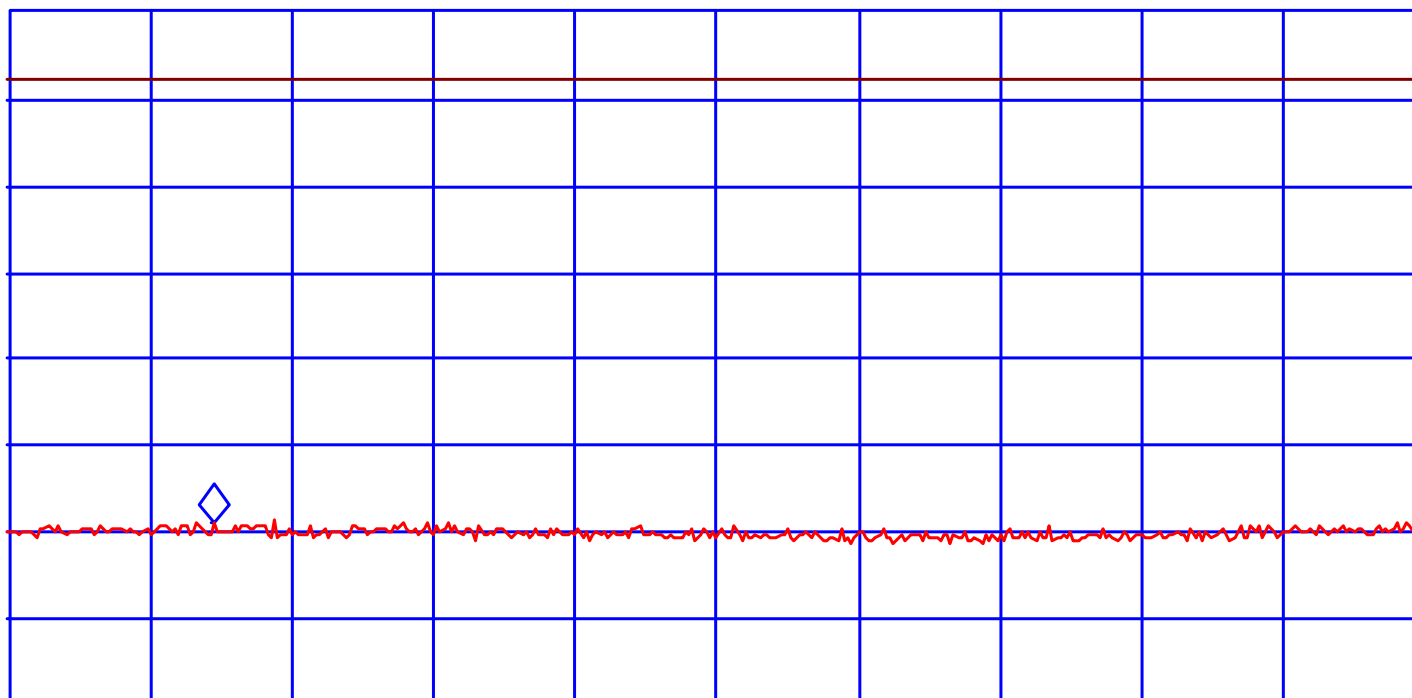
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 2.1228 GHz  
-64.14 dBm

No user  
Menu

REF OFFST 11.3 dB  
REF -5.0 dBm

LOG 10  
dB/  
#ATN 0 dB

MA SB  
SC FC  
CORR



START 1.9910 GHz

#IF BW 1.0 MHz

#AVG BW 3 MHz

STOP 2.9000 GHz

#SWP 10.0 sec

# Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band In Downlink Band 1930 – 1990 MHz

Photo # 43

Kaval RF Fiber Interface Module, Model US1900P

FCC ID: H6M-US1900P

Fc: 1931 MHz, Modulation: TDMA



MARKER  
5.76 GHz  
- 57.88 dBm

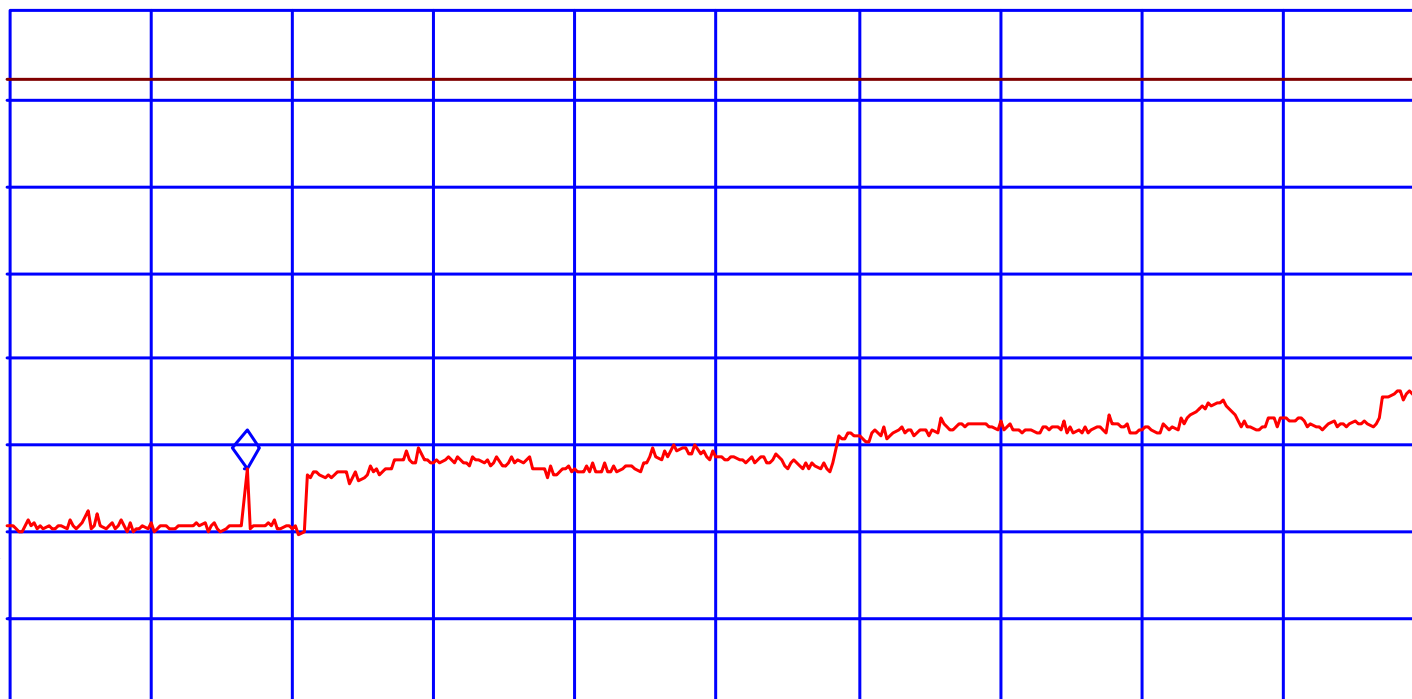
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 5.76 GHz  
- 57.88 dBm

No user  
Menu

REF OFFST 11.3 dB  
REF - 5.0 dBm

LOG 10  
dB/  
# ATN 0 dB

MA SB  
SC FC  
CORR



START 2.90 GHz

#IF BW 1.0 MHz

#AVG BW 3 MHz

STOP 20.00 GHz

#SWP 10.0 sec

**Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz**  
Kaval RF Fiber Interface Module, Model US1900P

Photo # 44

FCC ID: H6M-US1900P

Fc: 1960 MHz, Modulation: TDMA

tip

MARKER  
1.675 GHz  
-35.37 dBm

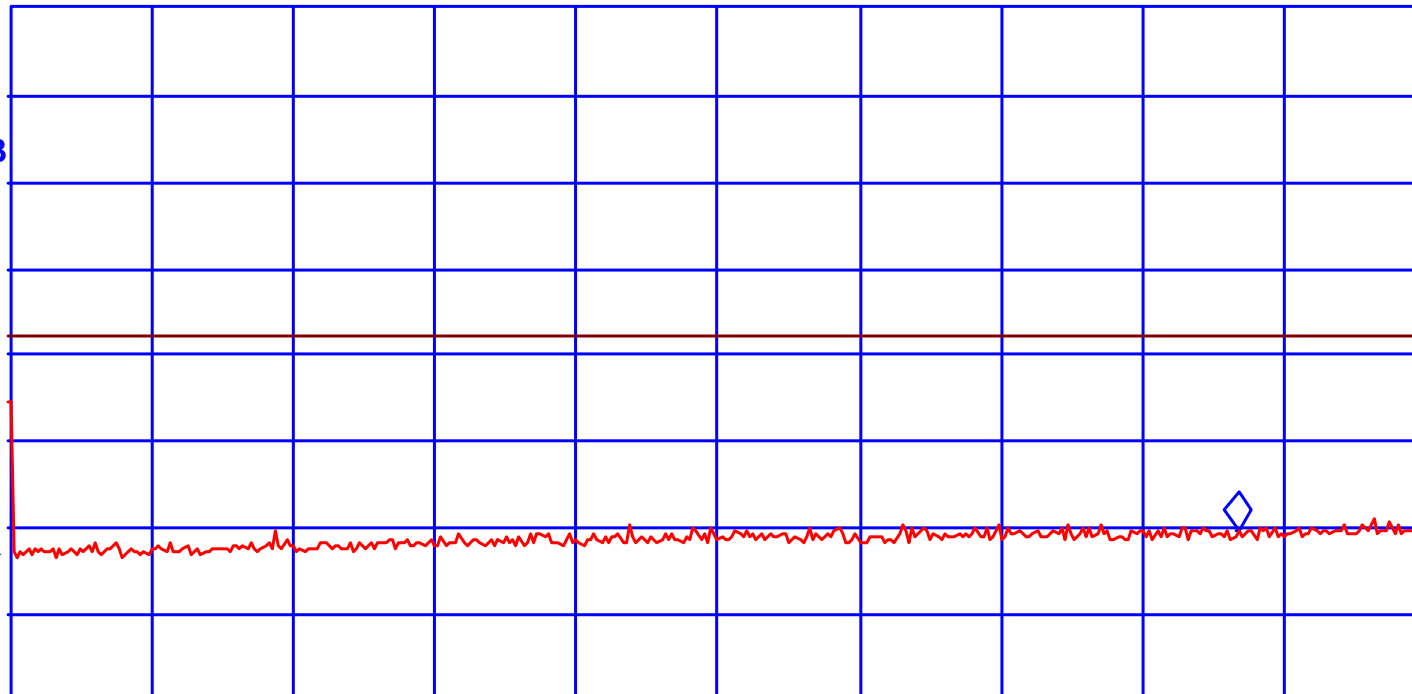
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 1.675 GHz  
-35.37 dBm

No user  
Menu

REF OFFST 11.3 dB  
REF 25.0 dBm

LOG 10  
dB/  
ATN 30 dB

WA SB  
SC FC  
CORR



START 10 MHz

#IF BW 1.0 MHz

#AVG BW 3 MHz

STOP 1.929 GHz

#SWP 10.0 sec

**Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz**  
Kaval RF Fiber Interface Module, Model US1900P

Photo # 45

FCC ID: H6M-US1900P

Fc: 1960 MHz, Modulation: TDMA

*hp*

MARKER  
2.2728 GHz  
-64.87 dBm

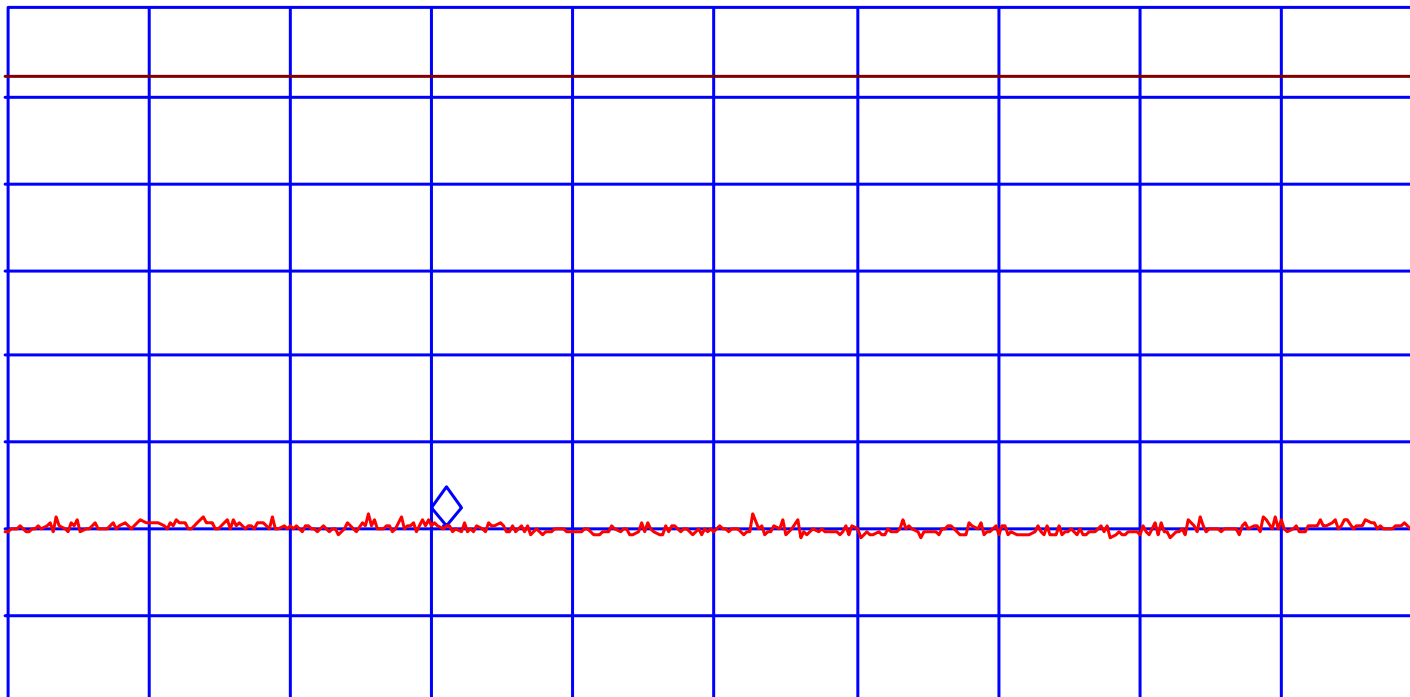
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 2.2728 GHz  
-64.87 dBm

No user  
Menu

REF OFFST 11.3 dB  
REF -5.0 dBm

LOG 10  
dB/  
#ATN 0 dB

MA SB  
SC FC  
CORR



START 1.9910 GHz

#IF BW 1.0 MHz

#AVG BW 3 MHz

STOP 2.9000 GHz

#SWP 10.0 sec

**Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz**  
Kaval RF Fiber Interface Module, Model US1900P

Photo # 46

FCC ID: H6M-US1900P

Fc: 1960 MHz, Modulation: TDMA



MARKER  
8.20 GHz  
-57.01 dBm

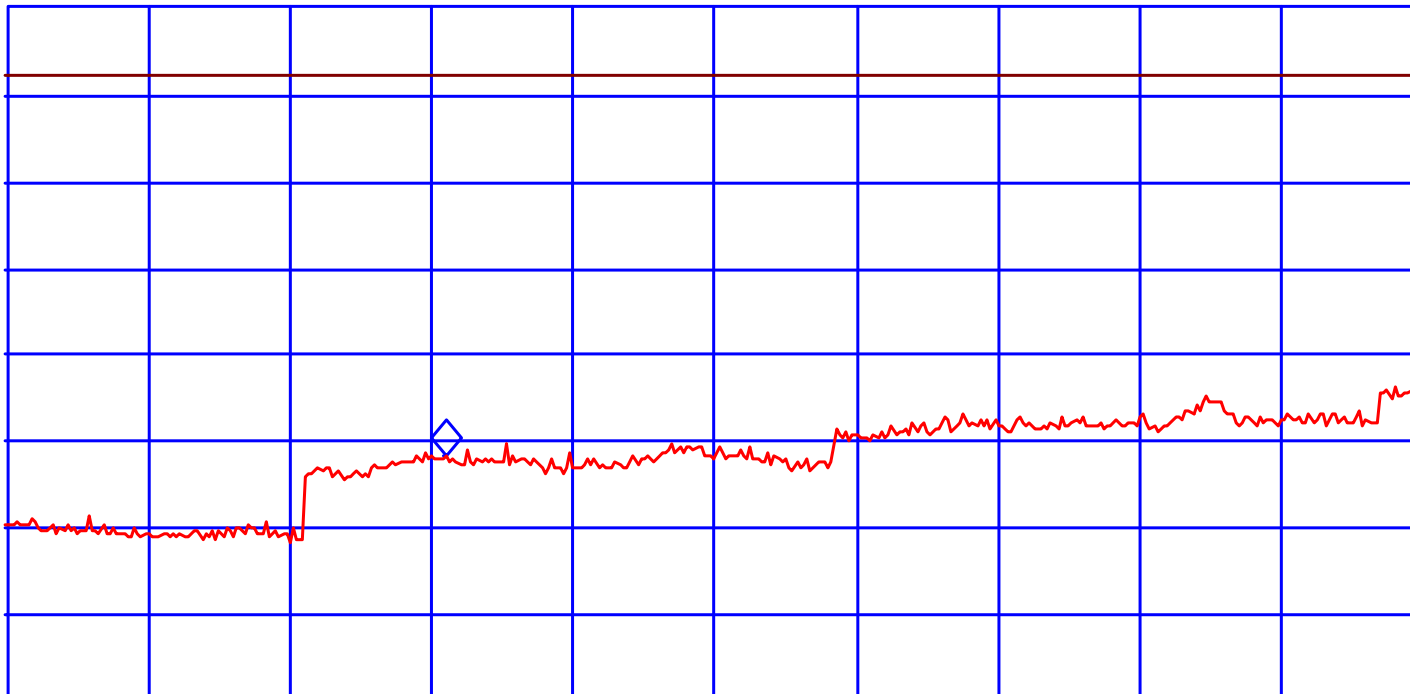
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 8.20 GHz  
-57.01 dBm

No user  
Menu

REF OFFST 11.3 dB  
REF -5.0 dBm

LOG 10  
dB/  
#ATN 0 dB

MA SB  
SC FC  
CORR



START 2.90 GHz STOP 20.00 GHz  
#IF BW 1.0 MHz #AVG BW 3 MHz #SWP 10.0 sec

**Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz**  
Kaval RF Fiber Interface Module, Model US1900P

Photo # 47

FCC ID: H6M-US1900P

Fc: 1989 MHz, Modulation: TDMA



**MARKER**  
1.641 GHz  
-36.07 dBm

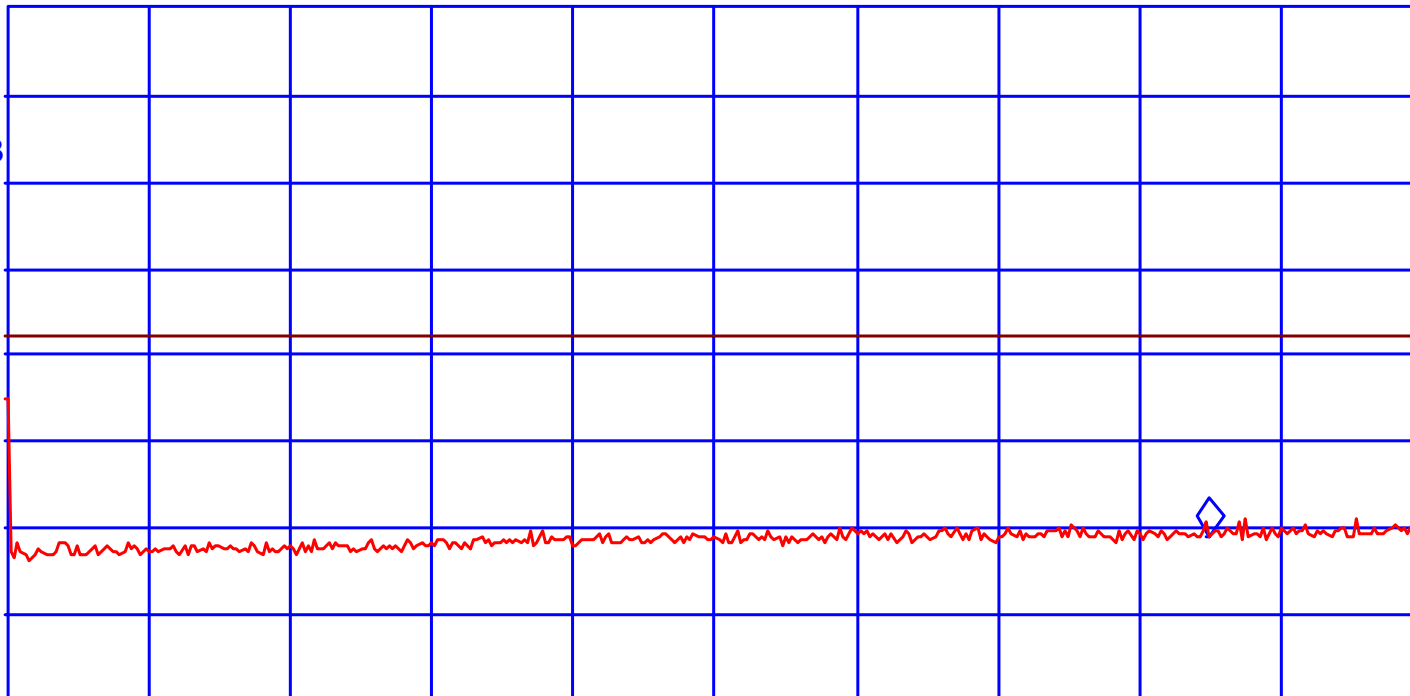
**ACTV DET: PEAK**  
**MEAS DET: PEAK QP AVG**  
MKR 1.641 GHz  
-36.07 dBm

No user  
Menu

**REF OFFST 11.3 dB**  
**REF 25.0 dBm**

**LOG 10**  
**dB/**  
**ATN 30 dB**

**WA SB**  
**SC FC**  
**CORR**



**START 1.0 MHz** **STOP 1.929 GHz**  
**#IF BW 1.0 MHz** **#AVG BW 3 MHz** **#SWP 10.0 sec**





**Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz**  
Kaval RF Fiber Interface Module, Model US1900P

**Photo # 49**

FCC ID: H6M-US1900P

Fc: 1989 MHz, Modulation: TDMA

*tp*

MARKER  
5.94 GHz  
-62.25 dBm

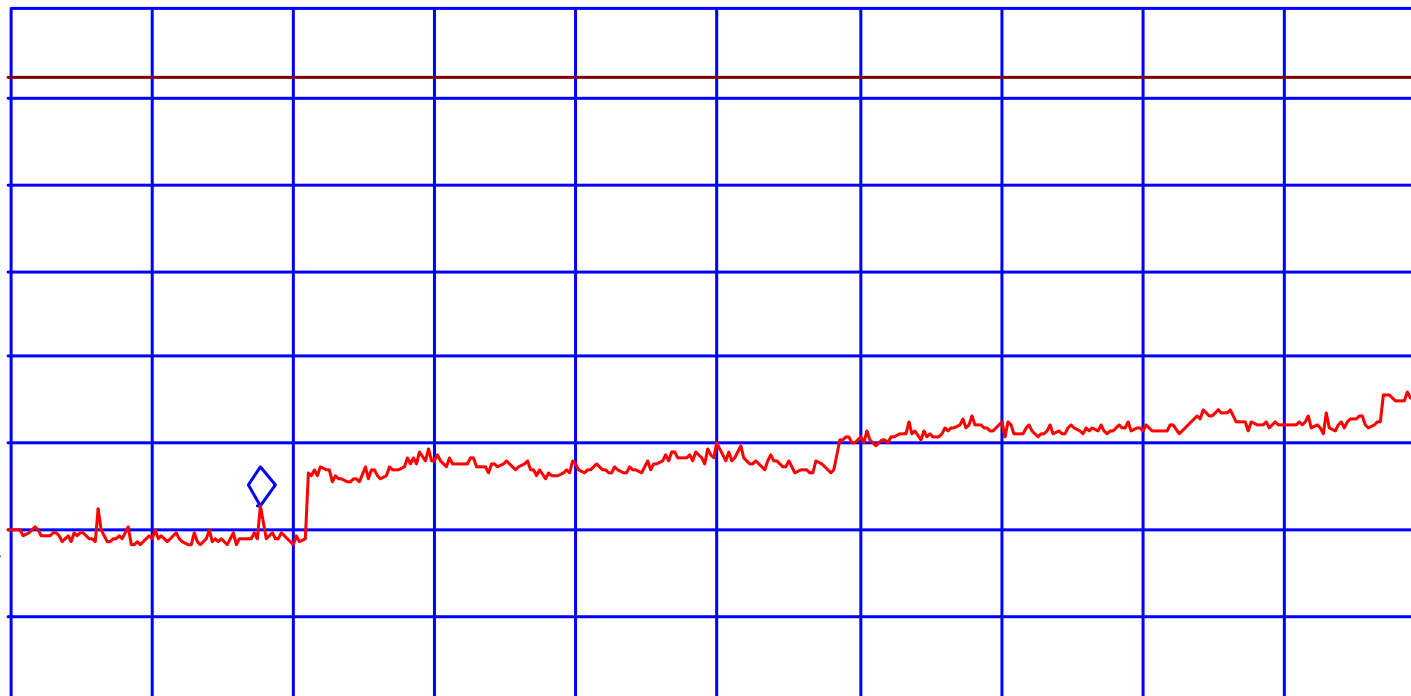
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 5.94 GHz  
-62.25 dBm

No user  
Menu

REF OFFST 11.3 dB  
REF -5.0 dBm

LOG 1 0  
dB/  
#ATN 0 dB

WA SB  
SC FC  
CORR



START 2.90 GHz

#IF BW 1.0 MHz

#AVG BW 3 MHz

STOP 20.00 GHz

#SWP 10.0 sec

# Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band In Downlink Band 1930 – 1990 MHz

Photo # 50

Kaval RF Fiber Interface Module, Model US1900P

FCC ID: H6M-US1900P

Fc: 1931 MHz, Modulation: GSM

hp

MARKER  
1.665 GHz  
-34.56 dBm

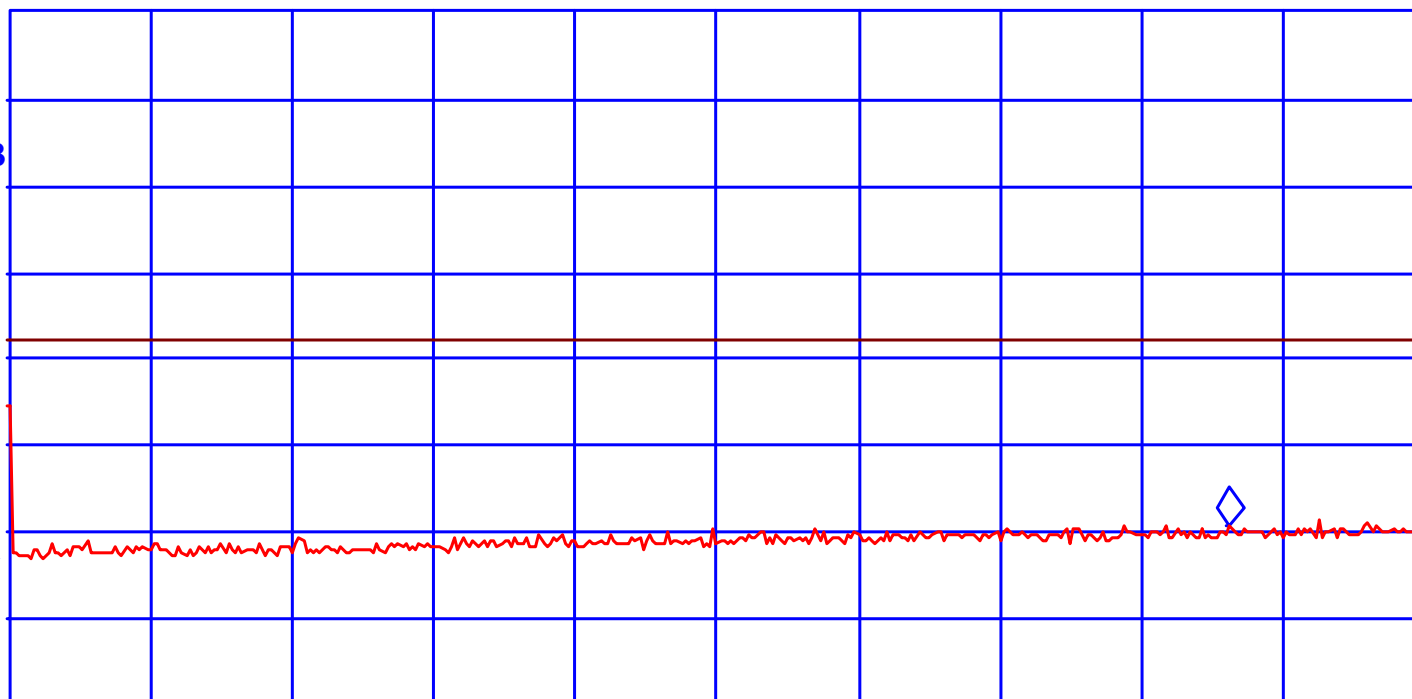
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 1.665 GHz  
-34.56 dBm

No user  
Menu

REF OFFST 11.3 dB  
REF 25.0 dBm

LOG 10  
dB/  
ATN 30 dB

MA SB  
SC FC  
CORR



START 10 MHz

#IF BW 1.0 MHz

#AVG BW 3 MHz

STOP 1.929 GHz

#SWP 10.0 sec

**Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz**  
Kaval RF Fiber Interface Module, Model US1900P

**Photo # 51**

FCC ID: H6M-US1900P

Fc: 1931 MHz, Modulation: GSM

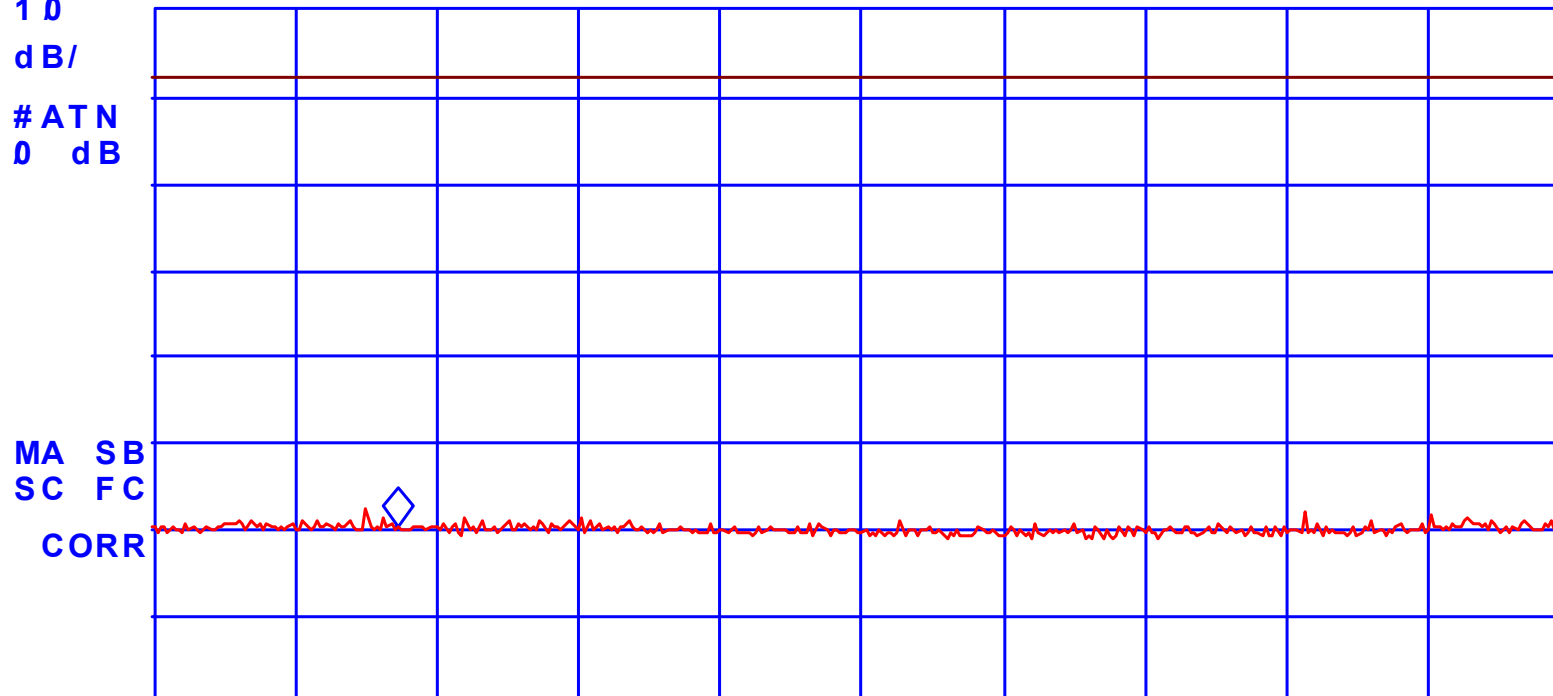
*tp*

STOP  
2.9000 GHz

ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 2.1478 GHz  
- 64.68 dBm

No user  
Menu

LOG 1 0  
dB/  
# ATN 0 dB  
REF OFFST 11.3 dB  
REF - 5.0 dBm



START 1.9910 GHz

# I F BW 1.0 MHz

# AVG BW 3 MHz

STOP 2.9000 GHz

# SWP 10.0 sec

**Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz**  
Kaval RF Fiber Interface Module, Model US1900P

Photo # 52

FCC ID: H6M-US1900P

Fc: 1931 MHz, Modulation: GSM



STOP  
20.00 GHz

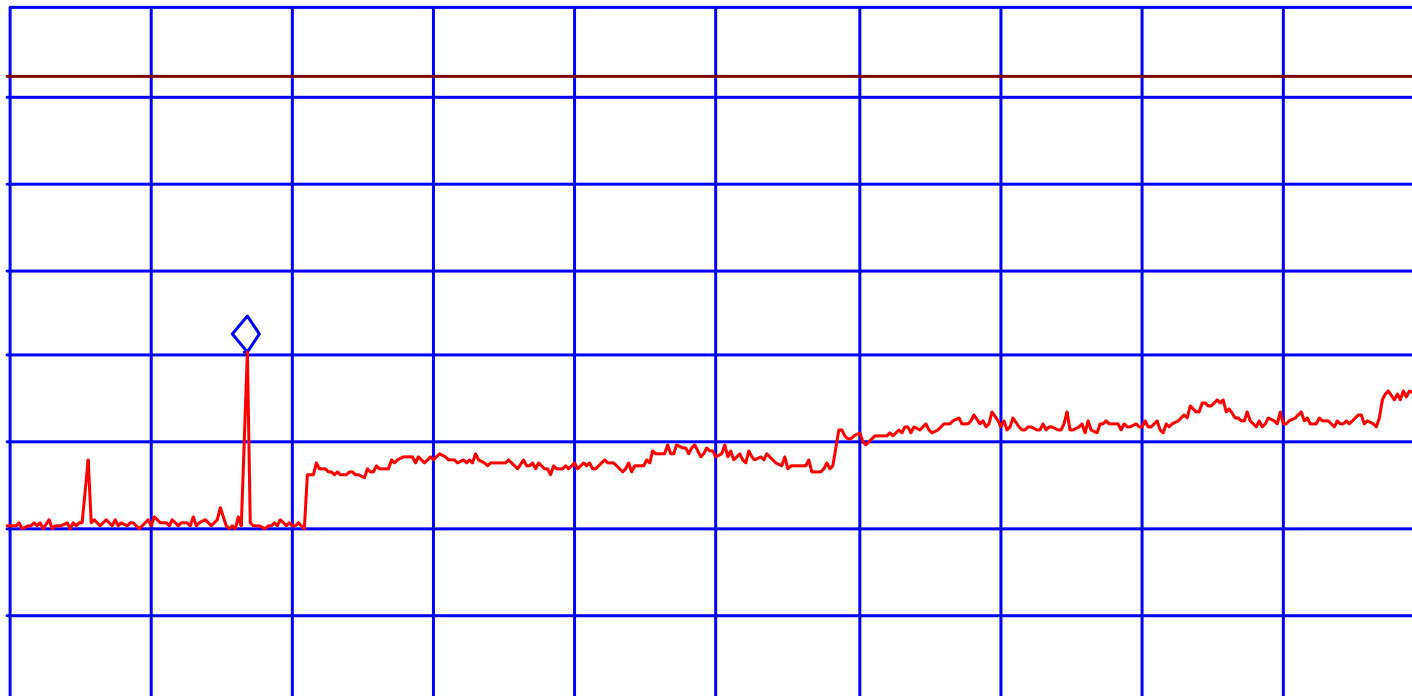
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 5.76 GHz  
-44.95 dBm

No user  
Menu

REF OFFST 11.3 dB  
REF -5.0 dBm

LOG  
10  
dB/  
#ATN  
0 dB

MA SB  
SC FC  
CORR



START 2.90 GHz

#IF BW 1.0 MHz

#AVG BW 3 MHz

STOP 20.00 GHz

#SWP 10.0 sec

**Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz**  
Kaval RF Fiber Interface Module, Model US1900P

**Photo # 53**

FCC ID: H6M-US1900P

Fc: 1960 MHz, Modulation: GSM

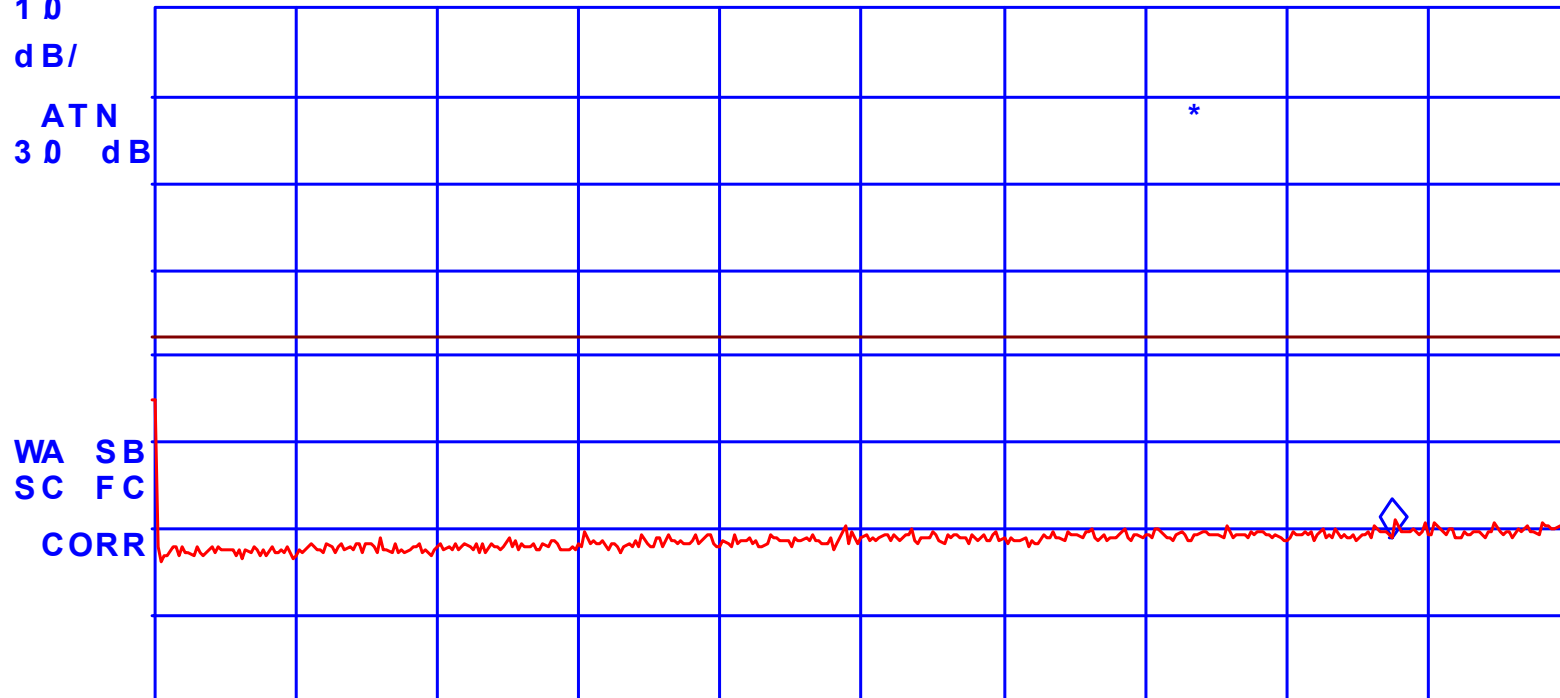
*tp*

**MARKER**  
1.689 GHz  
-36.14 dBm

**ACTV DET: PEAK**  
**MEAS DET: PEAK QP AVG**  
MKR 1.689 GHz  
-36.14 dBm

No user  
Menu

**LOG 10**  
**dB/**  
**ATN 30 dB**  
**REF OFFST 11.3 dB**  
**REF 25.0 dBm**



**START 10 MHz**

**#IF BW 1.0 MHz**

**#AVG BW 3 MHz**

**STOP 1.929 GHz**

**#SWP 10.0 sec**



**Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz**  
Kaval RF Fiber Interface Module, Model US1900P

**Photo # 55**

FCC ID: H6M-US1900P

Fc: 1960 MHz, Modulation: GSM

*hp*

**MARKER**  
5.85 GHz  
-56.15 dBm

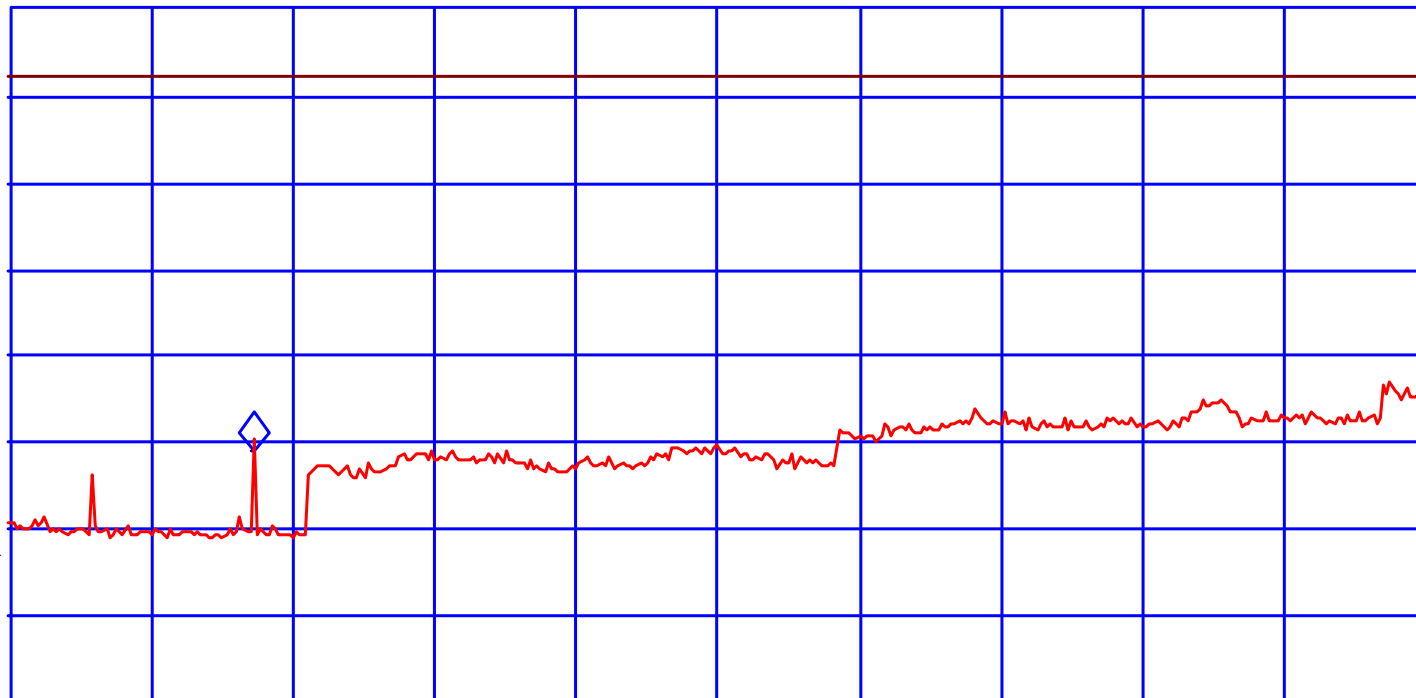
**ACTV DET: PEAK**  
**MEAS DET: PEAK QP AVG**  
MKR 5.85 GHz  
-56.15 dBm

No user  
Menu

**REF OFFST 11.3 dB**  
**REF -5.0 dBm**

**LOG**  
10  
dB/  
#ATN  
0 dB

**MA SB**  
**SC FC**  
**CORR**



**START 2.90 GHz**

**#IF BW 1.0 MHz**

**#AVG BW 3 MHz**

**STOP 20.00 GHz**

**#SWP 10.0 sec**



**Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band  
In Downlink Band 1930 – 1990 MHz**  
Kaval RF Fiber Interface Module, Model US1900P

Photo # 56

FCC ID: H6M-US1900P

Fc: 1989 MHz, Modulation: GSM

hp

MARKER  
1.689 GHz  
-34.36 dBm

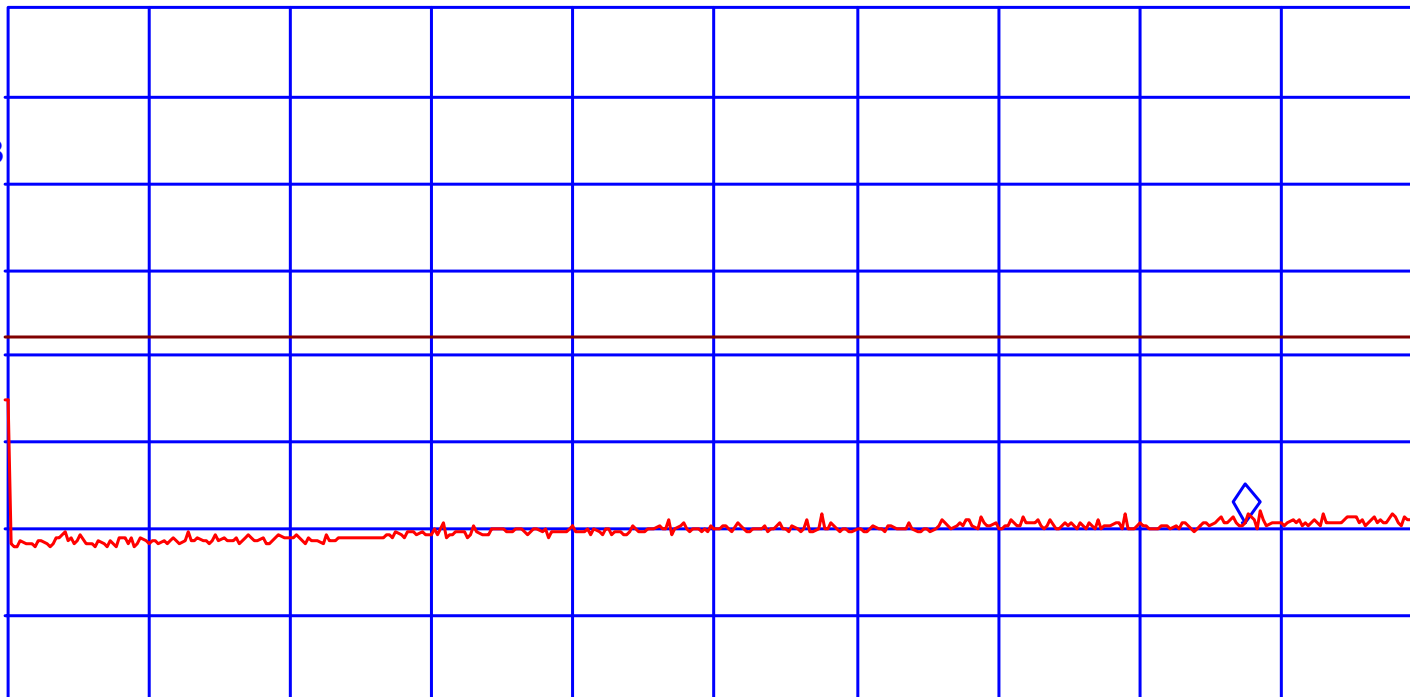
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 1.689 GHz  
-34.36 dBm

No user  
Menu

REF OFFST 11.3 dB  
REF 25.0 dBm

LOG 10  
dB/  
ATN 30 dB

MA SB  
SC FC  
CORR



START 10 MHz

#IF BW 1.0 MHz

#AVG BW 3 MHz

STOP 1.929 GHz

#SWP 10.0 sec

# Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band In Downlink Band 1930 – 1990 MHz

Photo # 57

Kaval RF Fiber Interface Module, Model US1900P

FCC ID: H6M-US1900P

Fc: 1989 MHz, Modulation: GSM

hp

REF LEVEL  
- 5.0 dBm

ACTV DET: PEAK  
MEAS DET: PEAK QP AVG

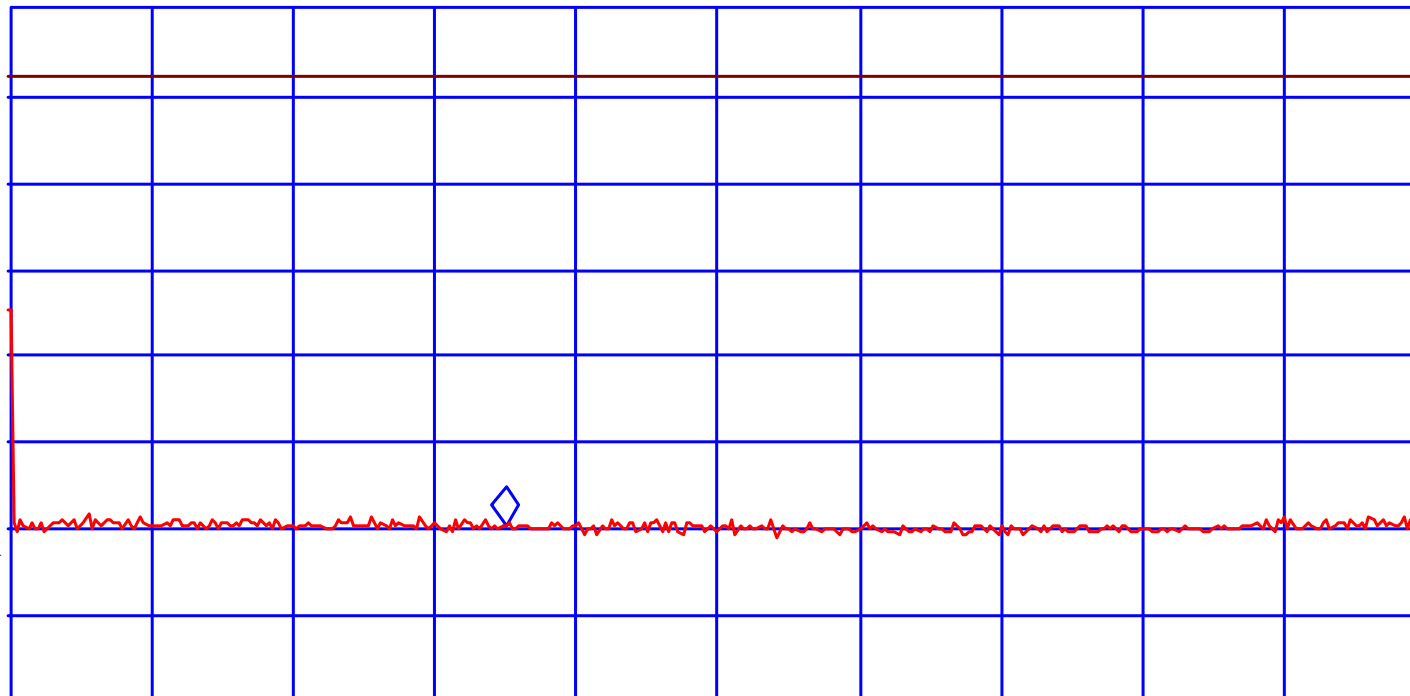
No user  
Menu

MKR 2.3092 GHz  
- 64.77 dBm

REF OFFST 11.3 dB  
REF - 5.0 dBm

LOG 10  
dB/  
# ATN 0 dB

MA SB  
SC FC  
CORR



START 1.9910 GHz

STOP 2.9000 GHz

# I F BW 1.0 MHz

# AVG BW 3 MHz

# SWP 10.0 sec

# Annex 1 - Transmitter Conducted Emissions Outside the Permitted Band In Downlink Band 1930 – 1990 MHz

Photo # 58

Kaval RF Fiber Interface Module, Model US1900P

FCC ID: H6M-US1900P

Fc: 1989 MHz, Modulation: GSM

*tp*

MARKER  
5.94 GHz  
-49.32 dBm

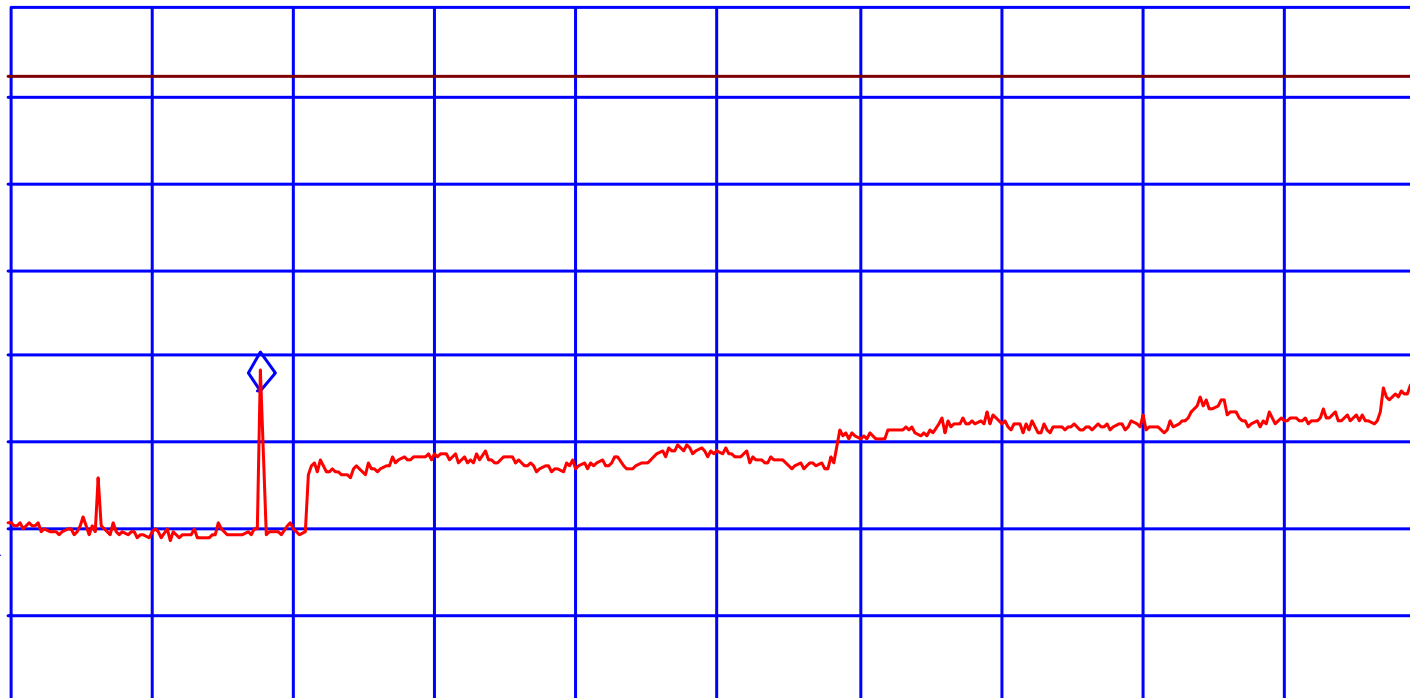
ACTV DET: PEAK  
MEAS DET: PEAK QP AVG  
MKR 5.94 GHz  
-49.32 dBm

No user  
Menu

REF OFFST 11.3 dB  
REF -5.0 dBm

LOG 10  
dB/  
# ATN 0 dB

MA SB  
SC FC  
CORR



START 2.90 GHz

#IF BW 1.0 MHz

#AVG BW 3 MHz

STOP 20.00 GHz

#SWP 10.0 sec