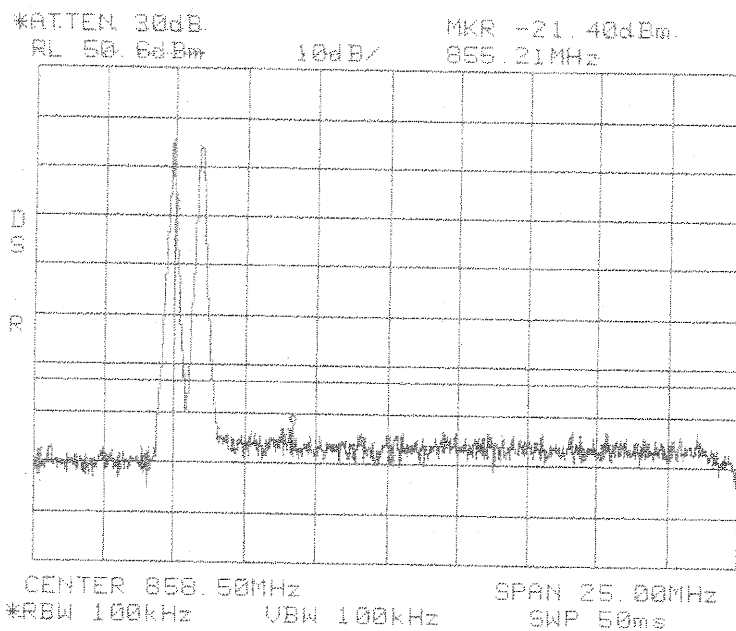
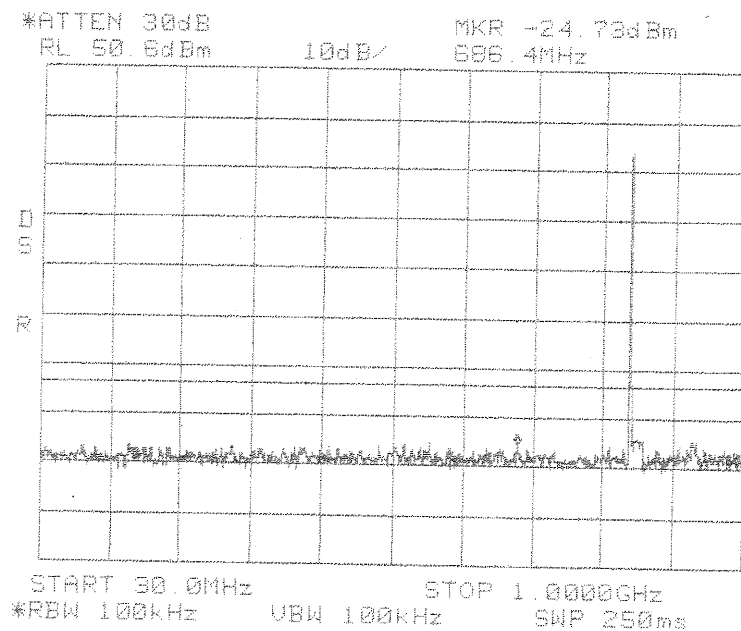


Center: 858.5 MHz
Span: 25 MHz



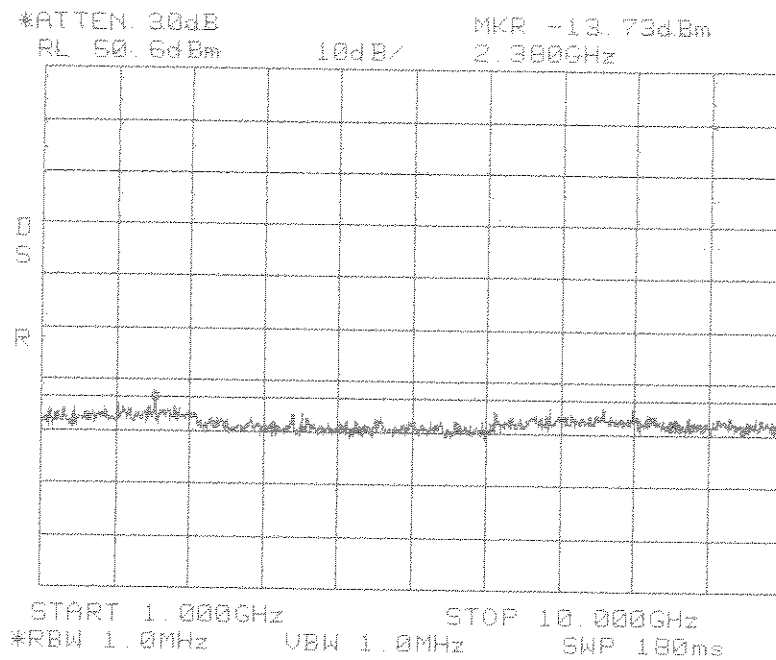
Intermodulation
Close
Lower
16QAM
SMR 800 MHz



Intermodulation
Close
Lower
16QAM
SMR 800 MHz

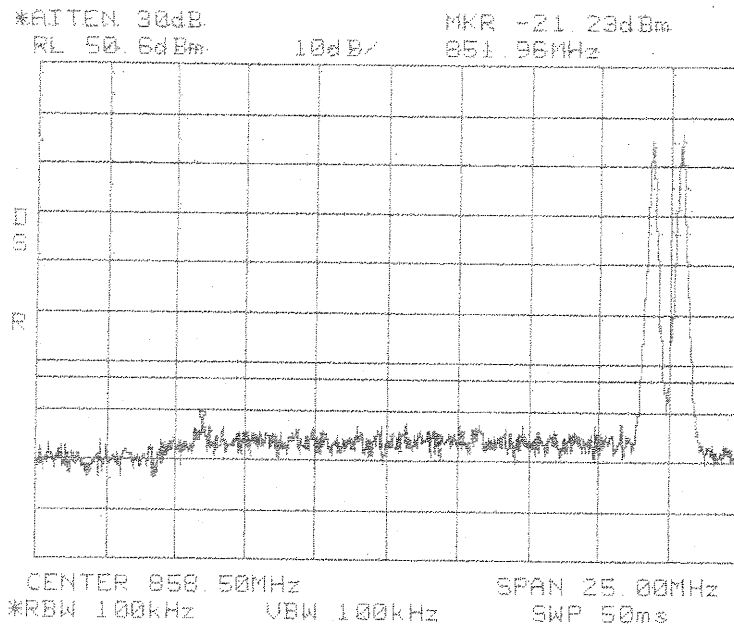
Span: 30 MHz to 1 GHz

Span: 1 GHz to 10 GHz
RBW/VBW: 1 MHz

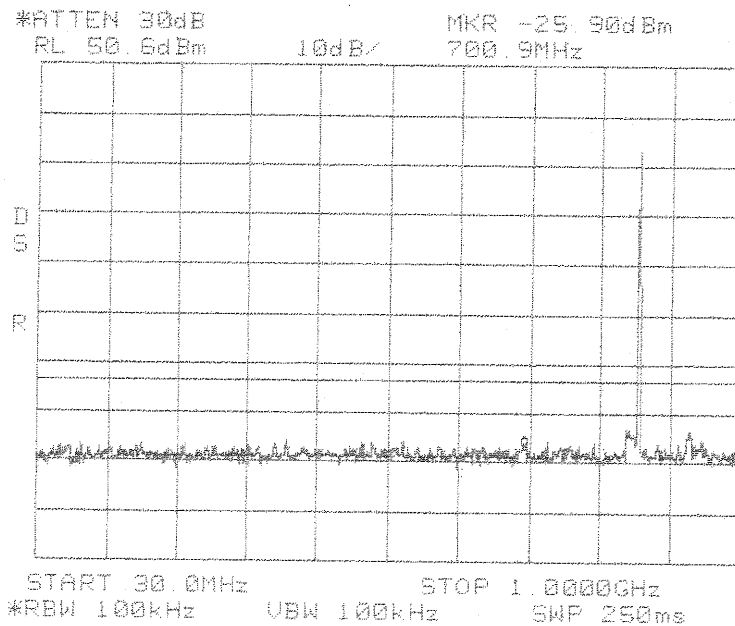


**Intermodulation
Close
Lower
16QAM
SMR 800 MHz**

Center: 858.5 MHz
Span: 25 MHz



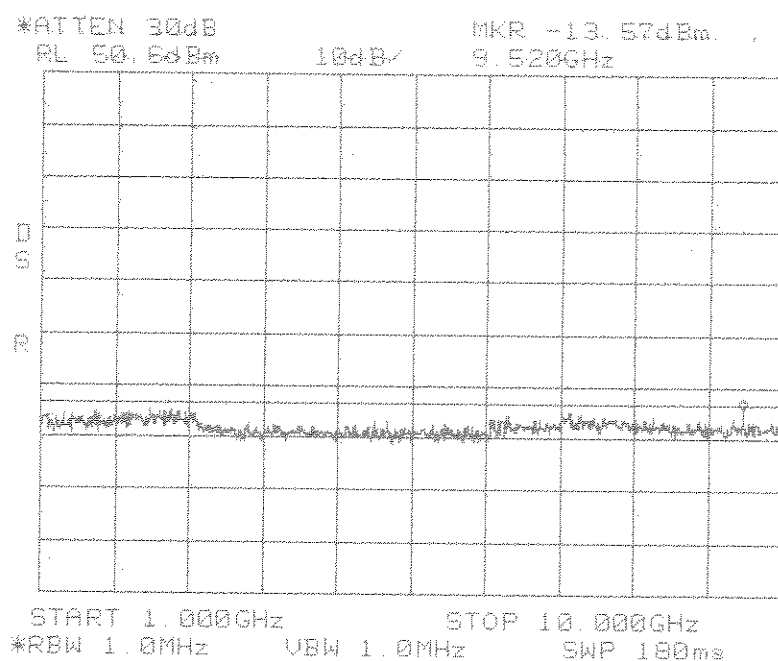
**Intermodulation
Close
Upper
16QAM
SMR 800 MHz**



**Intermodulation
Close
Upper
16QAM
SMR 800 MHz**

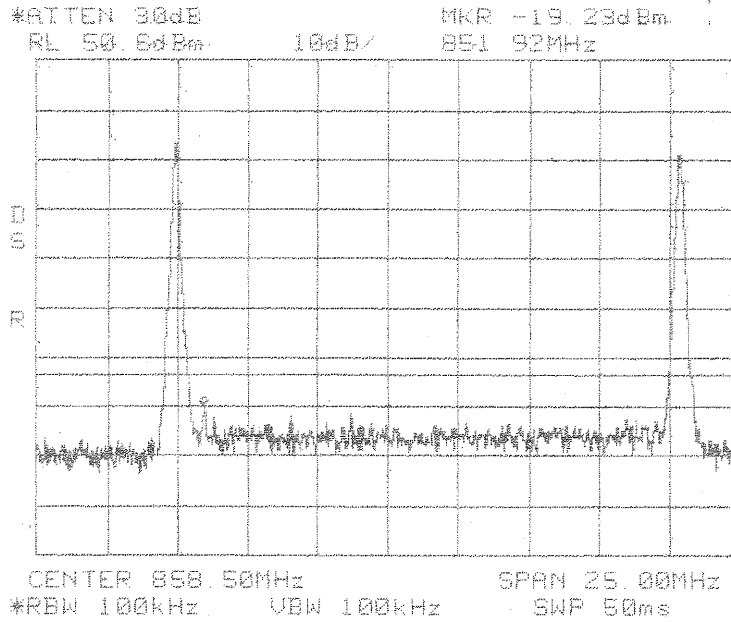
Span: 30 MHz to 1 GHz

Span: 1 GHz to 10 GHz
RBW/VBW: 1 MHz

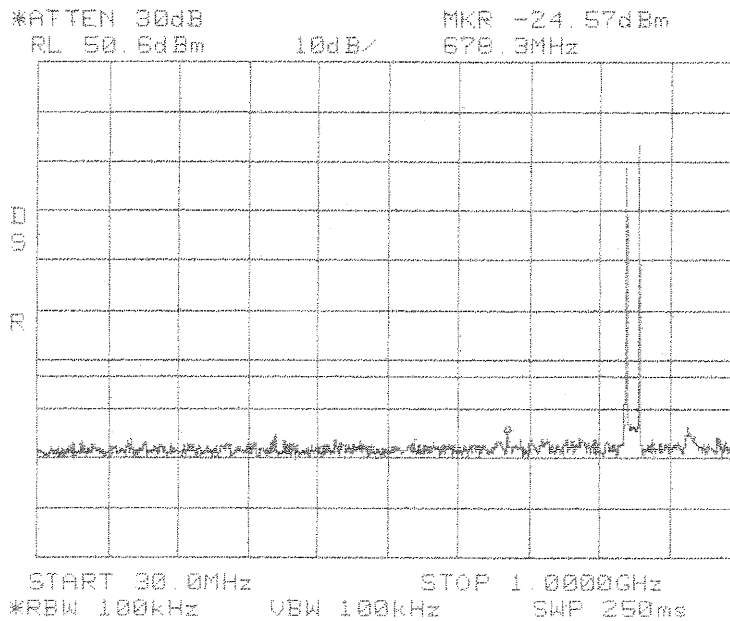


**Intermodulation
Close
Upper
16QAM
SMR 800 MHz**

Center: 858.5 MHz
Span: 25 MHz



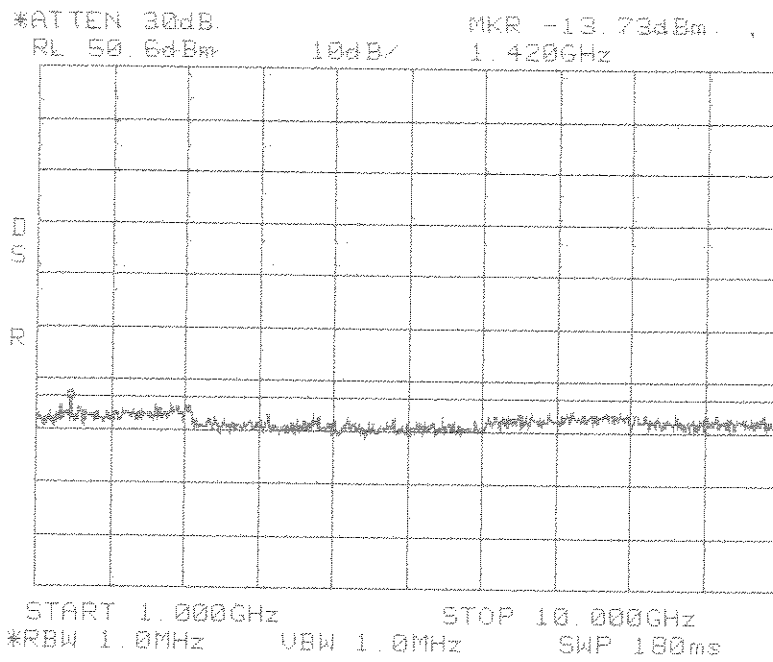
**Intermodulation
Apart
16QAM
SMR 800 MHz**



**Intermodulation
Apart
16QAM
SMR 800 MHz**

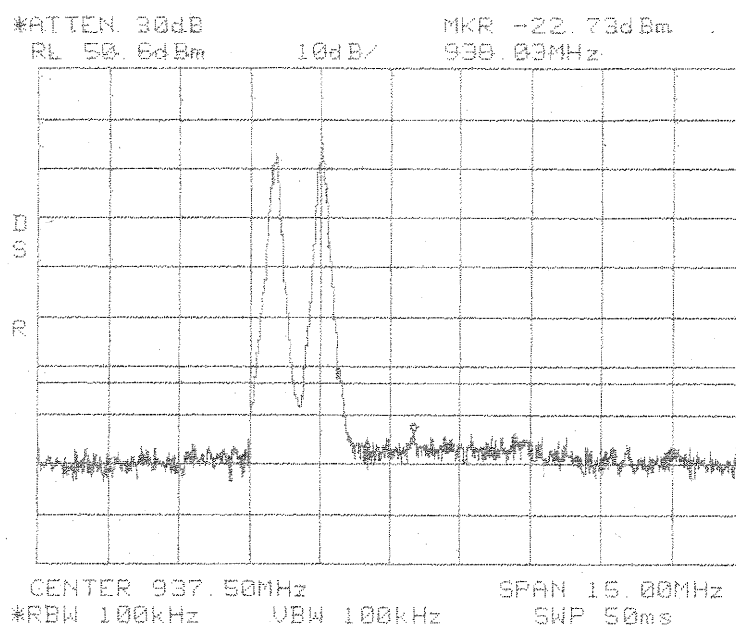
Span: 30 MHz to 1 GHz

Span: 1 GHz to 10 GHz
RBW/VBW: 1 MHz

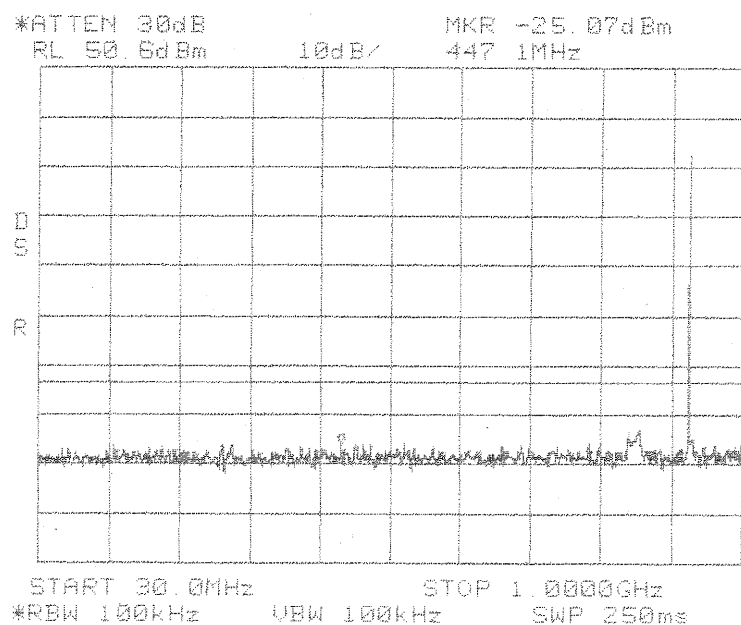


**Intermodulation
Apart
16QAM
SMR 800 MHz**

Center: 937.5 MHz
Span: 15 MHz



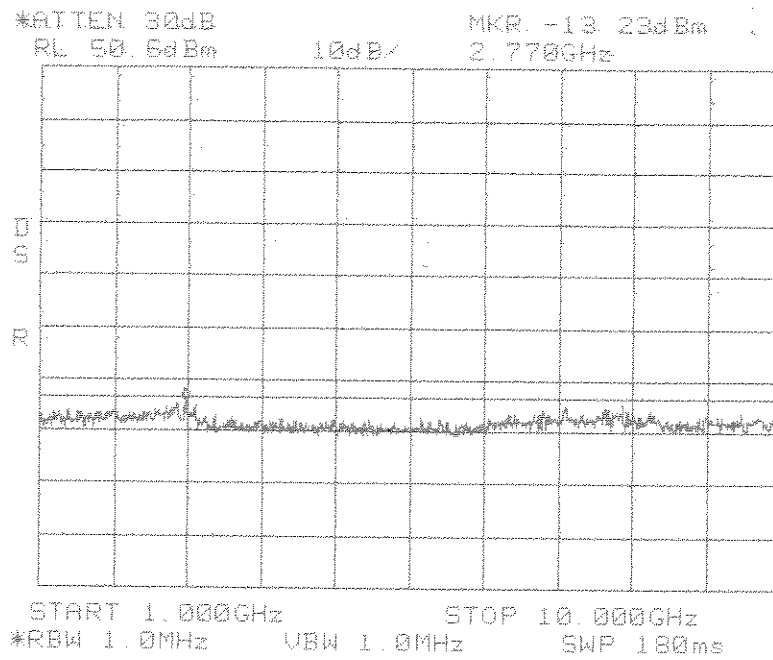
Intermodulation
Close
Lower
16QAM
SMR 900 MHz



Intermodulation
Close
Lower
16QAM
SMR 900 MHz

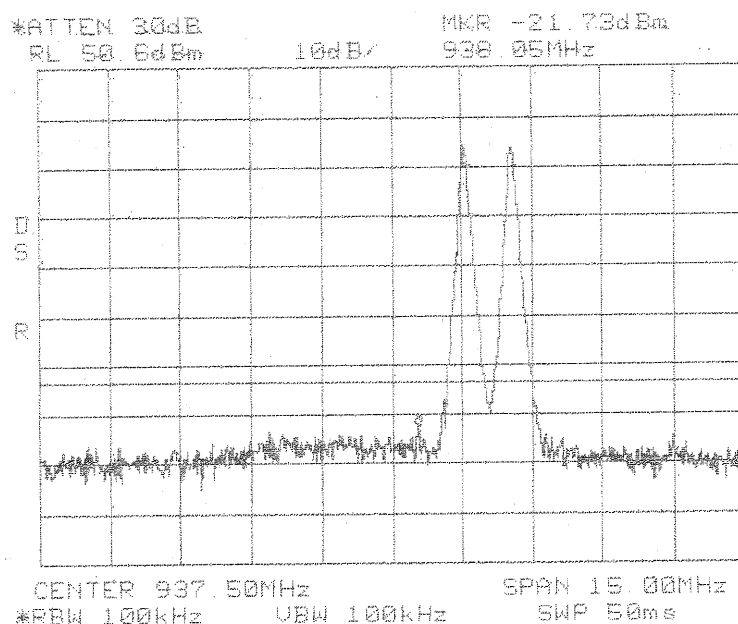
Span: 30 MHz to 1 GHz

Span: 1 GHz to 10 GHz
RBW/VBW: 1 MHz

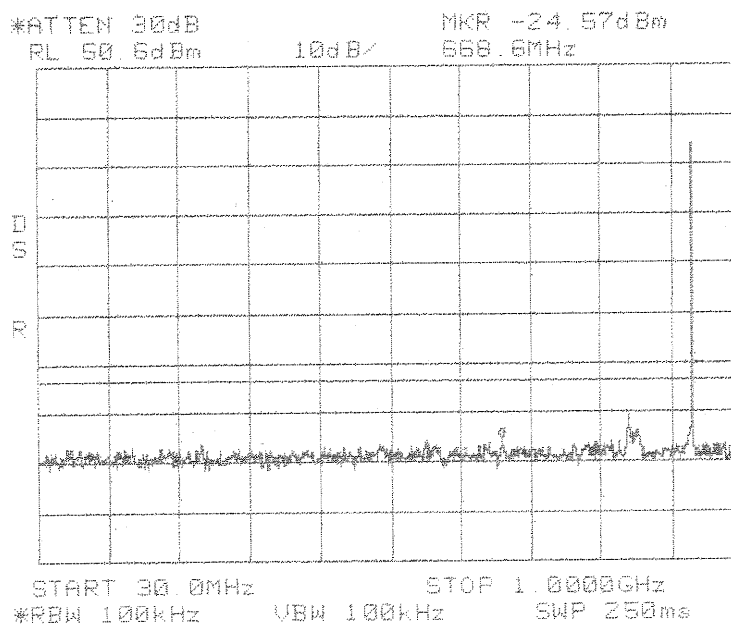


**Intermodulation
Close
Lower
16QAM
SMR 900 MHz**

Center: 937.5 MHz
Span: 15 MHz



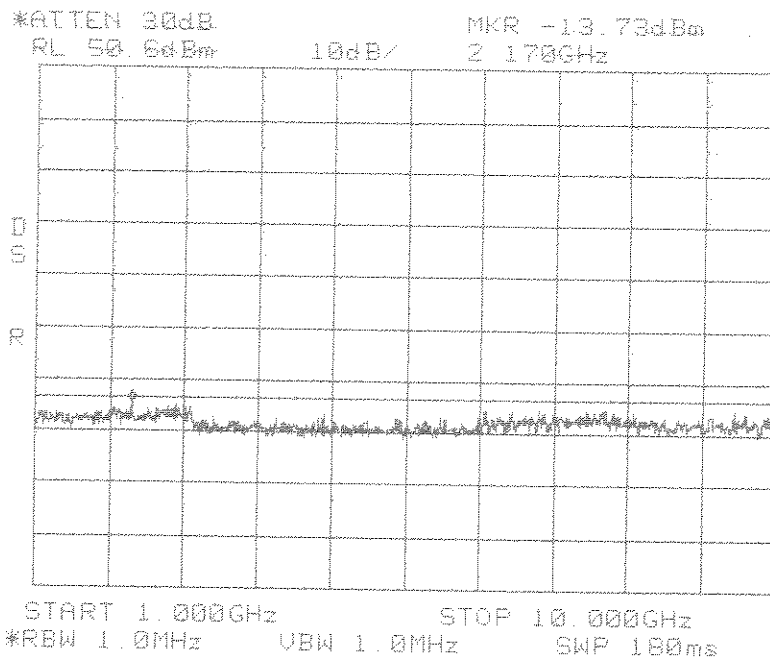
Intermodulation
Close
Upper
16QAM
SMR 900 MHz



Intermodulation
Close
Upper
16QAM
SMR 900 MHz

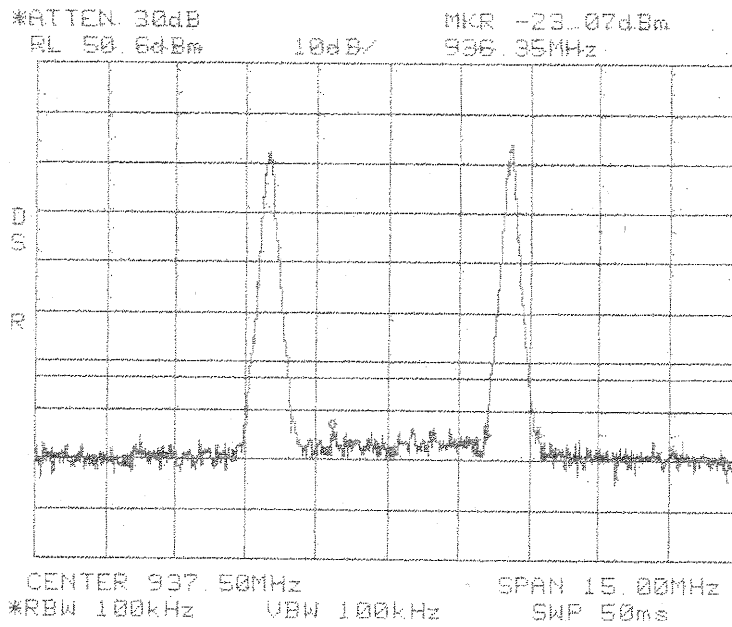
Span: 30 MHz to 1 GHz

Span: 1 GHz to 10 GHz
RBW/VBW: 1 MHz

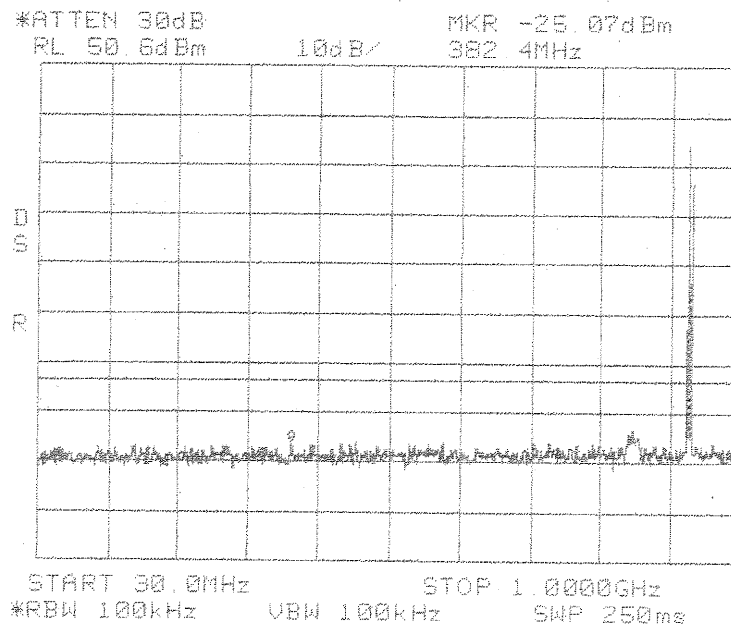


**Intermodulation
Close
Upper
16QAM
SMR 900 MHz**

Center: 937.5 MHz
Span: 15 MHz



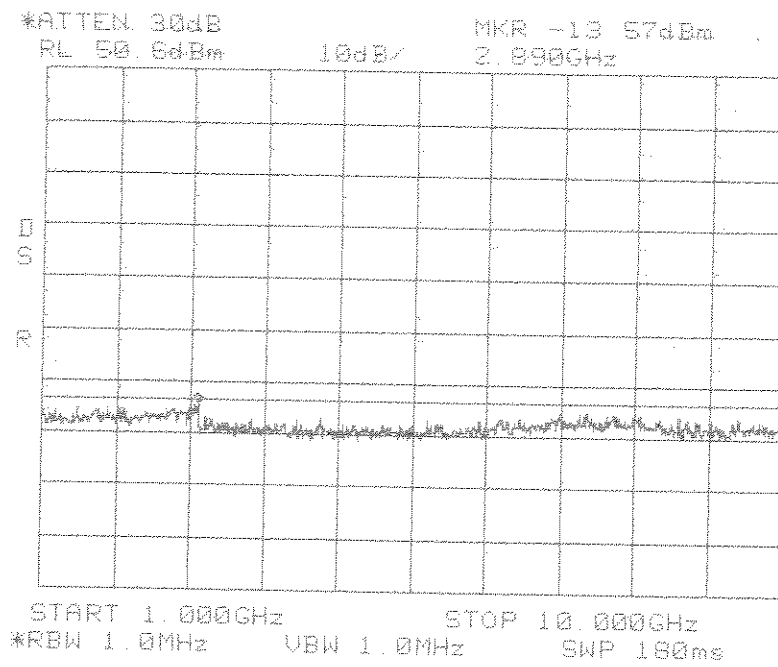
**Intermodulation
Apart
16QAM
SMR 900 MHz**



**Intermodulation
Apart
16QAM
SMR 900 MHz**

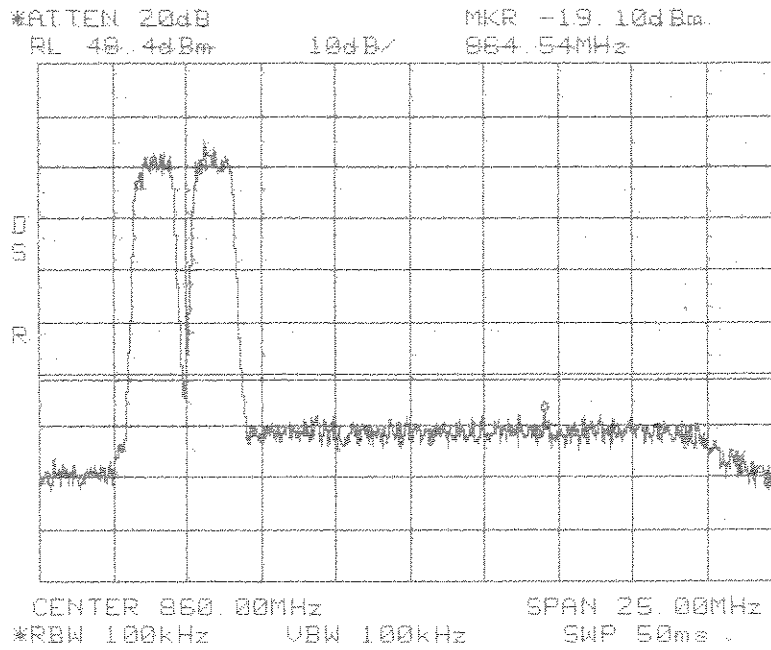
Span: 30 MHz to 1 GHz

Span: 1 GHz to 10 GHz
RBW/VBW: 1 MHz

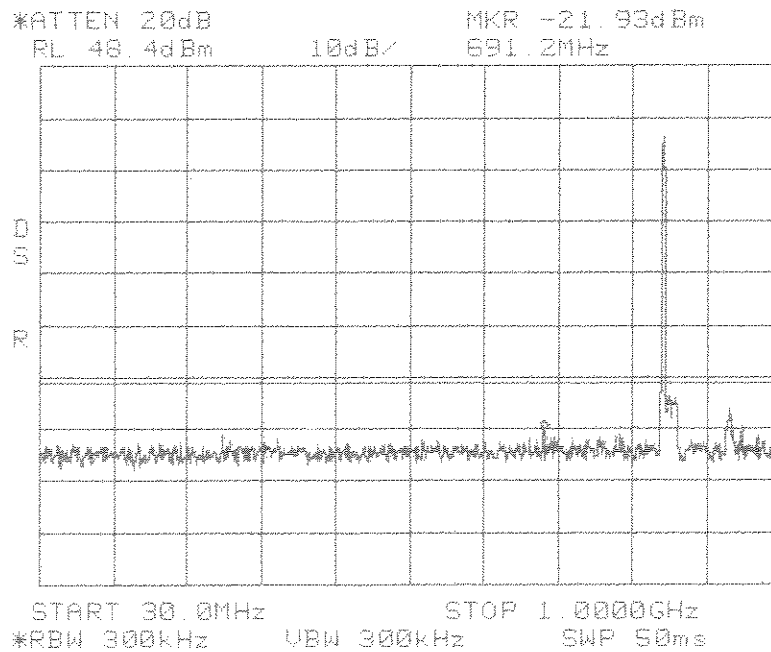


**Intermodulation
Apart
16QAM
SMR 900 MHz**

Center: 860.0 MHz
Span: 25 MHz
RBW/VBW: 100 kHz



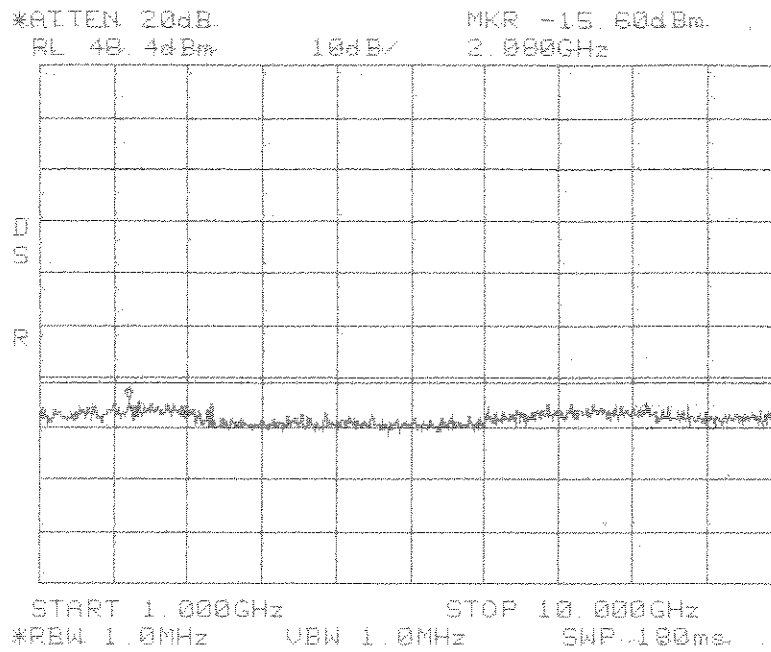
**Intermodulation
Close
Lower
CDMA
SMR 800 MHz**



**Intermodulation
Close
Lower
CDMA
SMR 800 MHz**

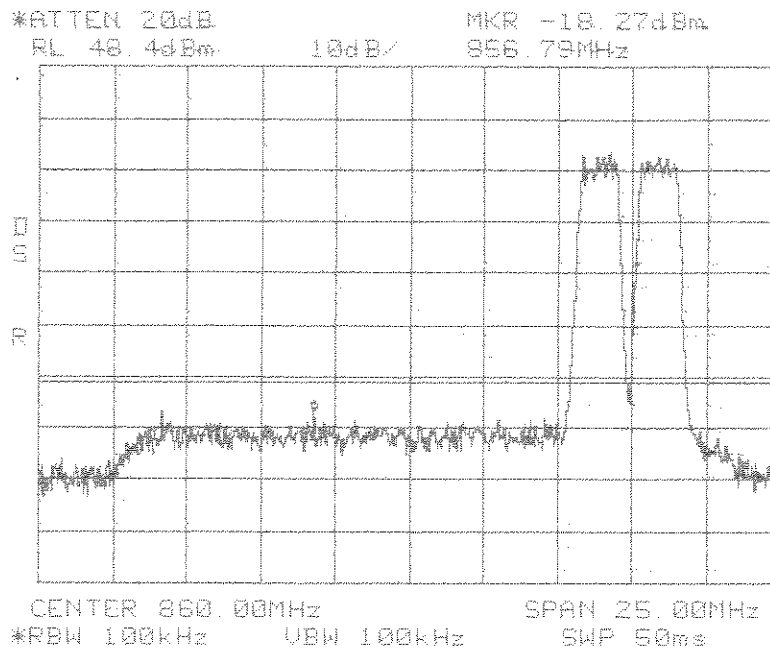
Span: 30 MHz to 1 GHz
RBW/VBW: 300 kHz

Span: 1 GHz to 10 GHz
RBW/VBW: 1 MHz

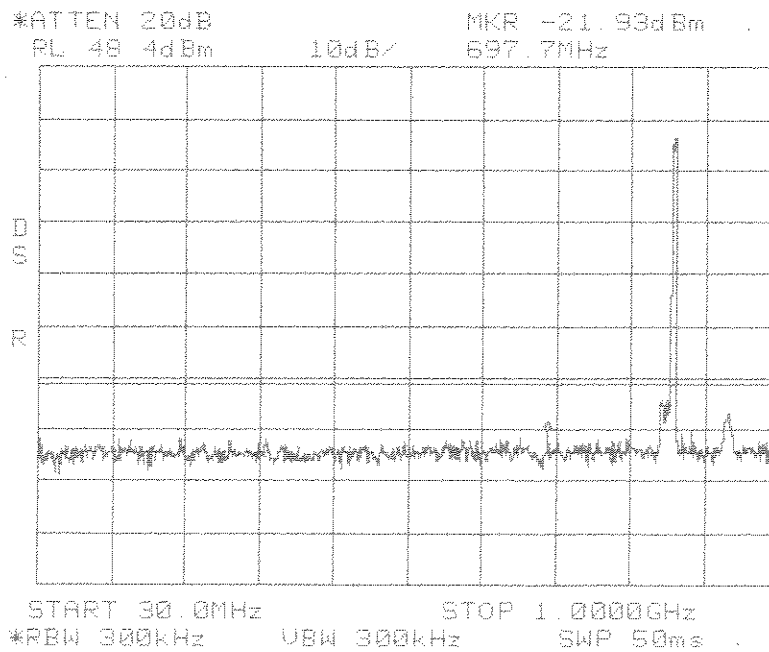


**Intermodulation
Close
Lower
CDMA
SMR 800 MHz**

Center: 860.0 MHz
Span: 25 MHz
RBW/VBW: 100 kHz



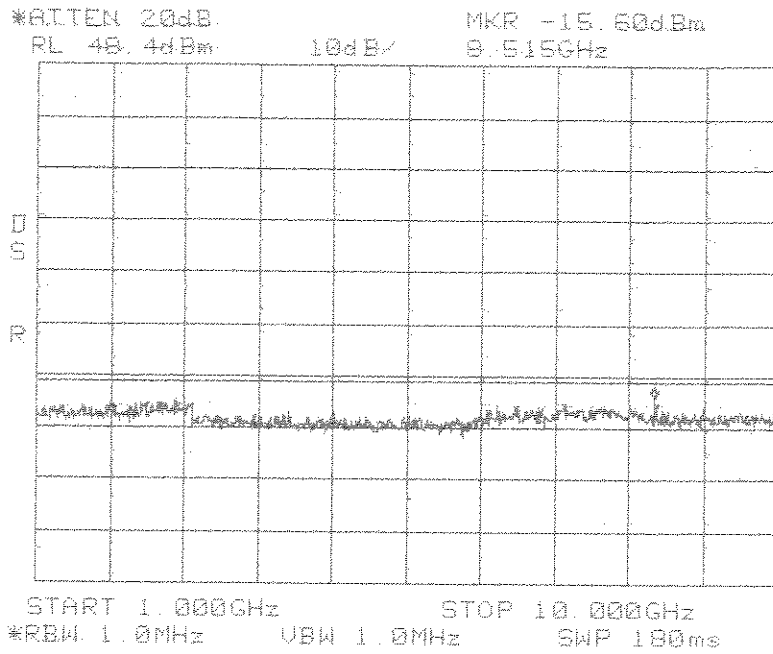
**Intermodulation
Close
Upper
CDMA
SMR 800 MHz**



**Intermodulation
Close
Upper
CDMA
SMR 800 MHz**

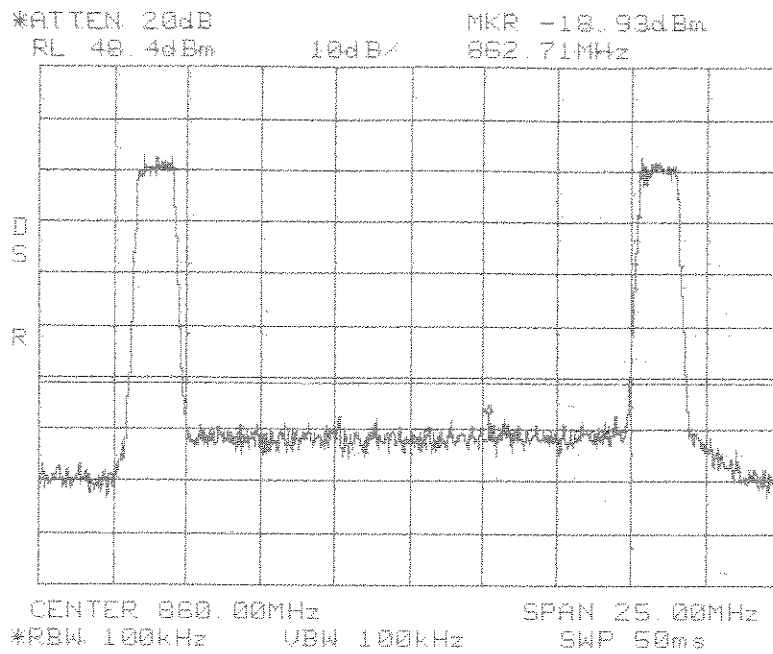
Span: 30 MHz to 1 GHz
RBW/VBW: 300 kHz

Span: 1 GHz to 10 GHz
RBW/VBW: 1 MHz

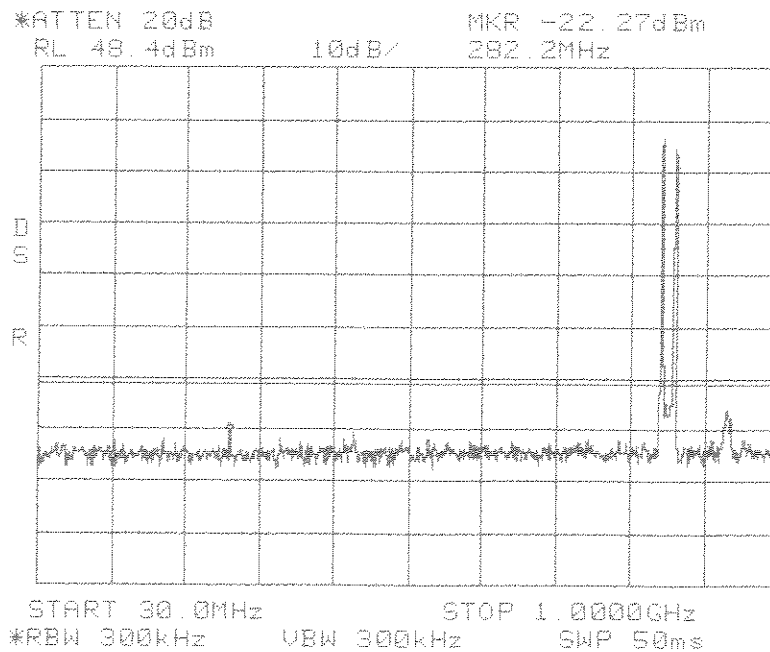


**Intermodulation
Close
Upper
CDMA
SMR 800 MHz**

Center: 860.0 MHz
Span: 25 MHz
RBW/VBW: 100 kHz



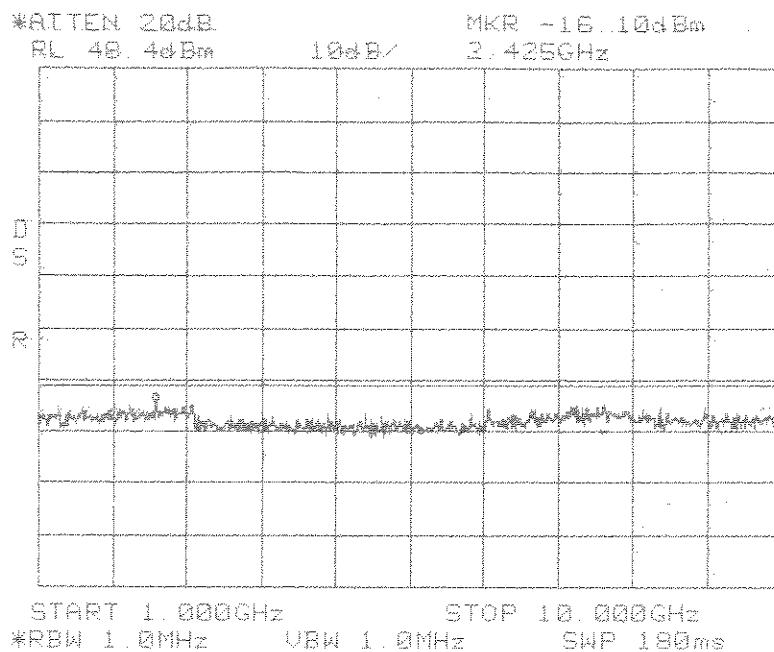
**Intermodulation
Apart
CDMA
SMR 800 MHz**



**Intermodulation
Apart
CDMA
SMR 800 MHz**

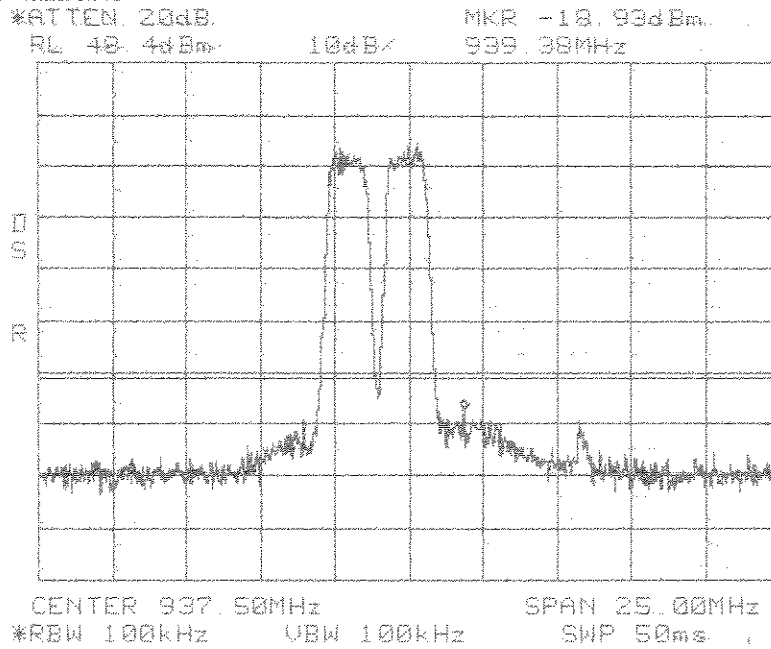
Span: 30 MHz to 1 GHz
RBW/VBW: 300 kHz

Span: 1 GHz to 10 GHz
RBW/VBW: 1 MHz

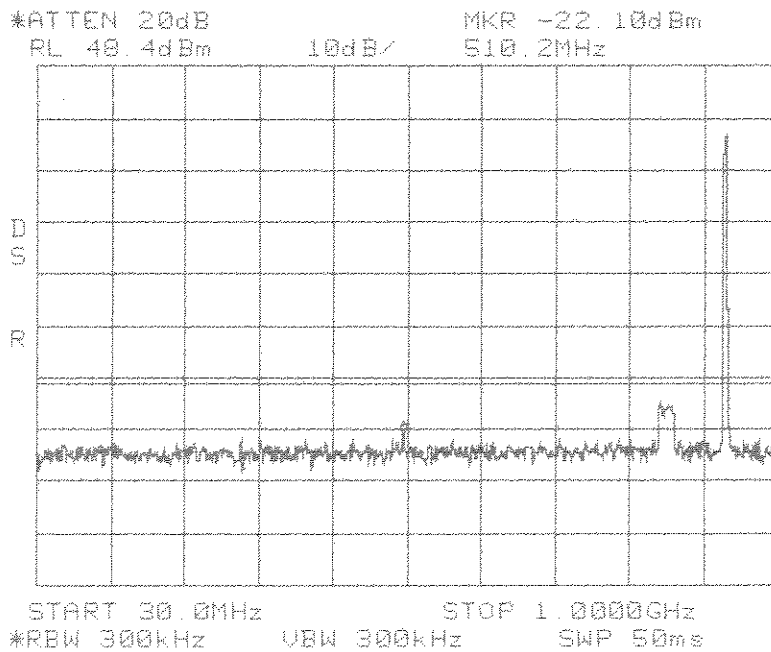


**Intermodulation
Apert
CDMA
SMR 800 MHz**

Center: 937.5 MHz
Span: 15 MHz
RBW/VBW: 100 kHz



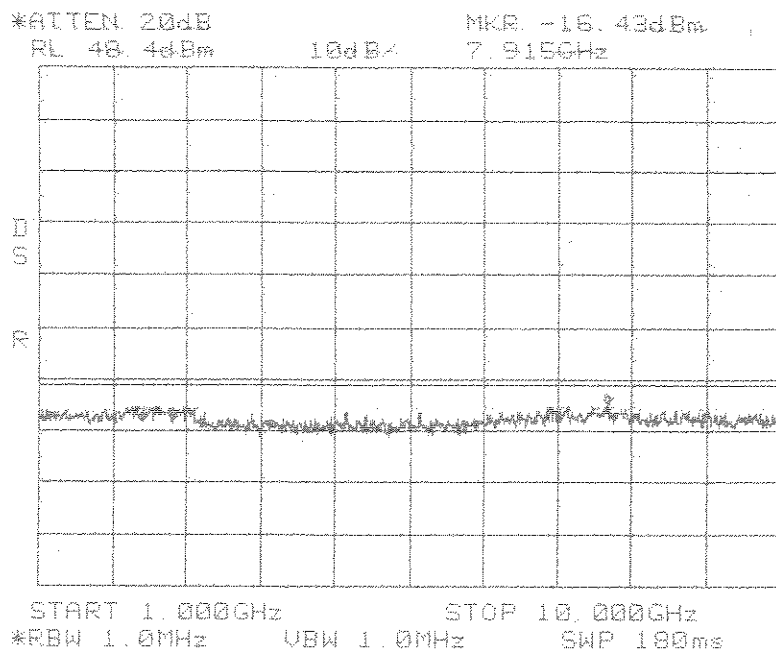
**Intermodulation
Close
Lower
CDMA
SMR 900 MHz**



**Intermodulation
Close
Lower
CDMA
SMR 900 MHz**

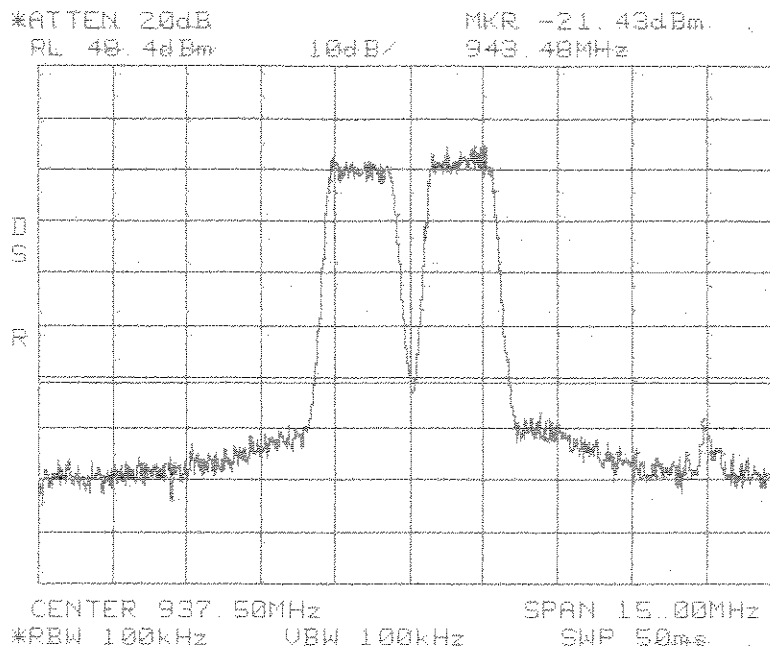
Span: 30 MHz to 1 GHz
RBW/VBW: 300 kHz

Span: 1 GHz to 10 GHz
RBW/VBW: 1 MHz

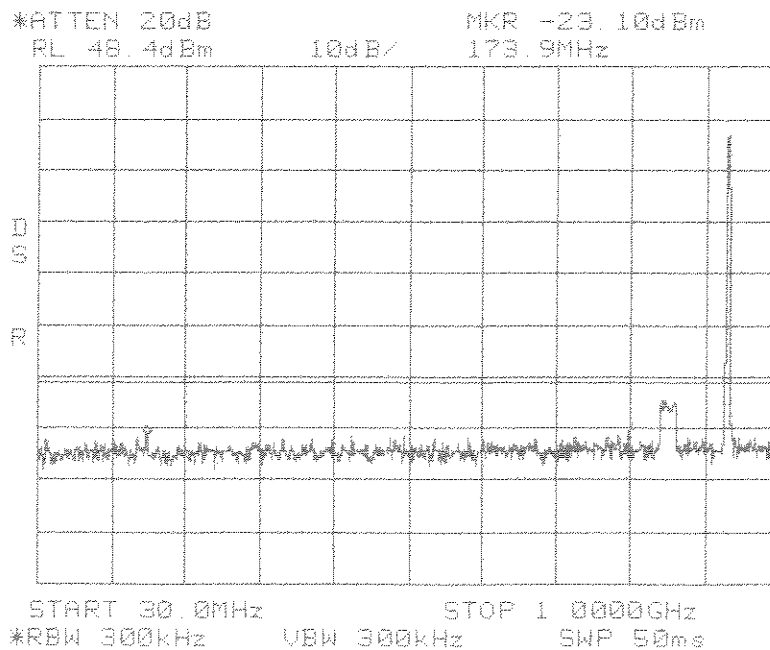


**Intermodulation
Close
Lower
CDMA
SMR 900 MHz**

Center: 937.5 MHz
Span: 15 MHz
RBW/VBW: 100 kHz



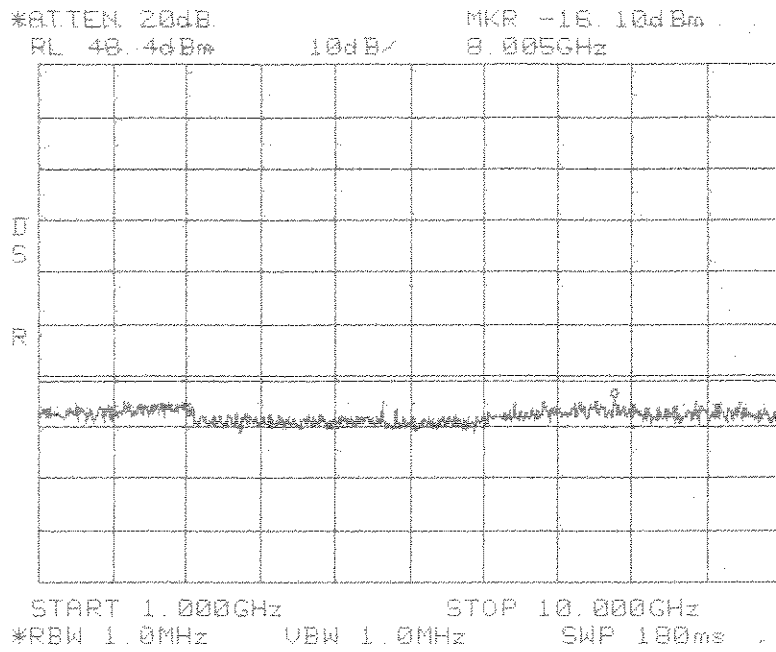
**Intermodulation
Close
Upper
CDMA
SMR 900 MHz**



**Intermodulation
Close
Upper
CDMA
SMR 900 MHz**

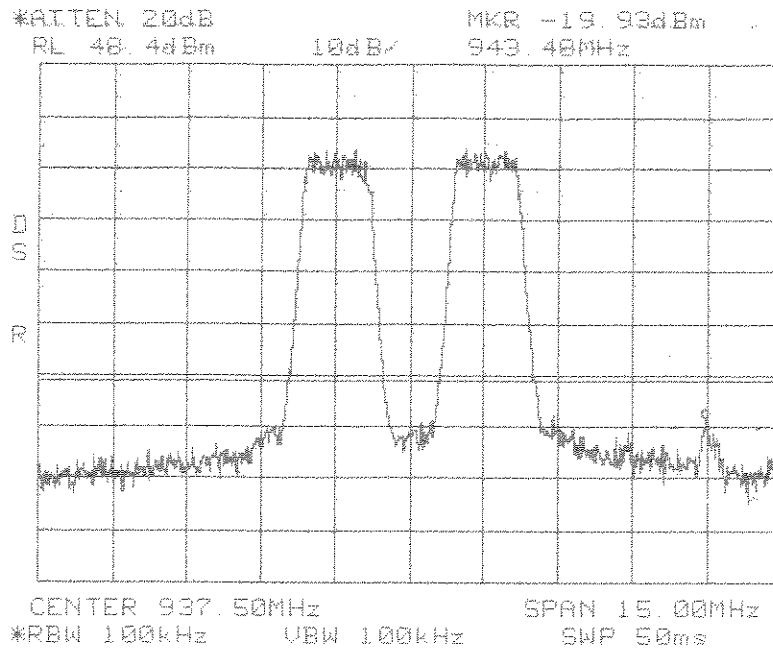
Span: 30 MHz to 1 GHz
RBW/VBW: 300 kHz

Span: 1 GHz to 10 GHz
RBW/VBW: 1 MHz

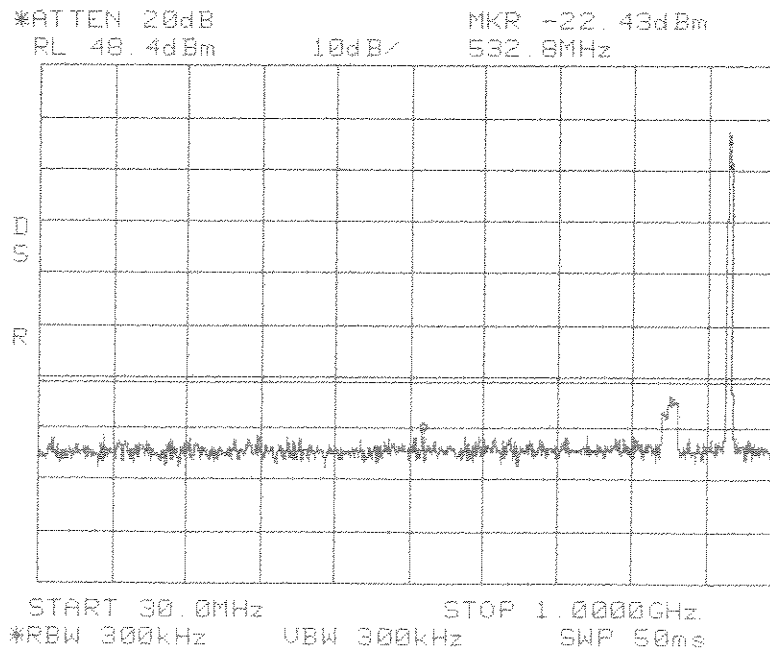


**Intermodulation
Close
Upper
CDMA
SMR 900 MHz**

Center: 937.5 MHz
Span: 15 MHz
RBW/VBW: 100 kHz



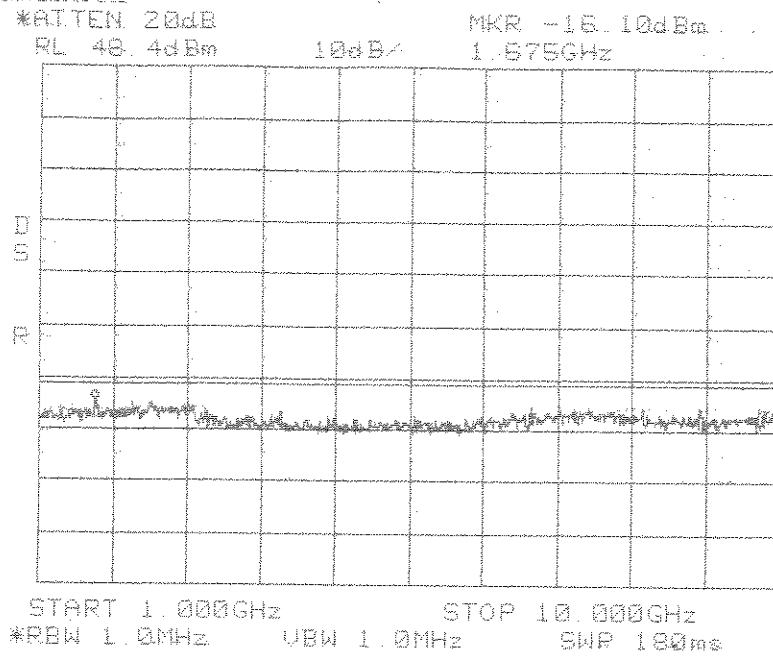
**Intermodulation
Apart
CDMA
SMR 900 MHz**



**Intermodulation
Apart
CDMA
SMR 900 MHz**

Span: 30 MHz to 1 GHz
RBW/VBW: 300 kHz

Span: 1 GHz to 10 GHz
RBW/VBW: 1 MHz



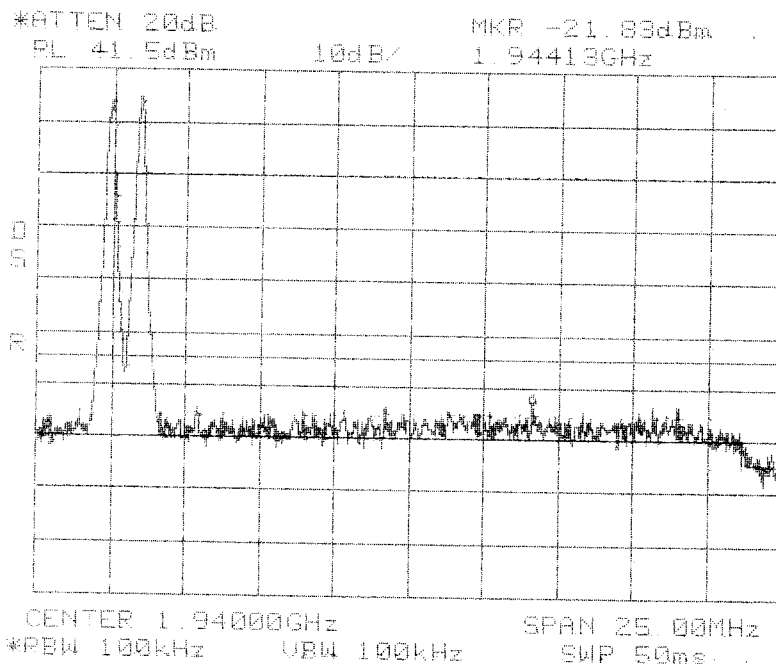
**Intermodulation
Apart
CDMA
SMR 900 MHz**

Inter-Modulation Test for ADC Inc
Digivance® Street Coverage Solution
Model Number DGVC-901X4X1X200SYS

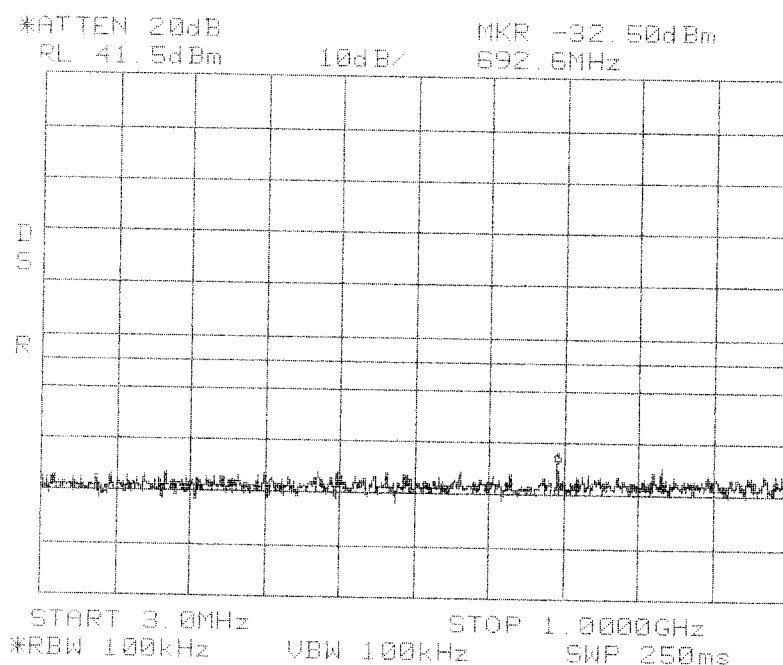
The inter-modulation products test was performed for the EUT. Three tests were performed with the modulation type. Test 1 was with 2 signals input to the EUT at lower end channels. Test 2 was with 2 signals input to the EUT at upper end channels. Test 3 was with 2 signals input to the EUT at upper and lower end channels. The modulation types tested were TDMA, GSM, CDMA, EVDO, and W-CDMA. An investigation was made from 30 MHz to the 10th Harmonic of the highest fundamental frequency (~20 GHz). The following plots show the results. Modulation types EVDO and CDMA have the same mask and intermodulation properties.

Results:
(See Plots)

Center: 1940.0 MHz
Span: 25 MHz
RBW/VBW: 100 kHz



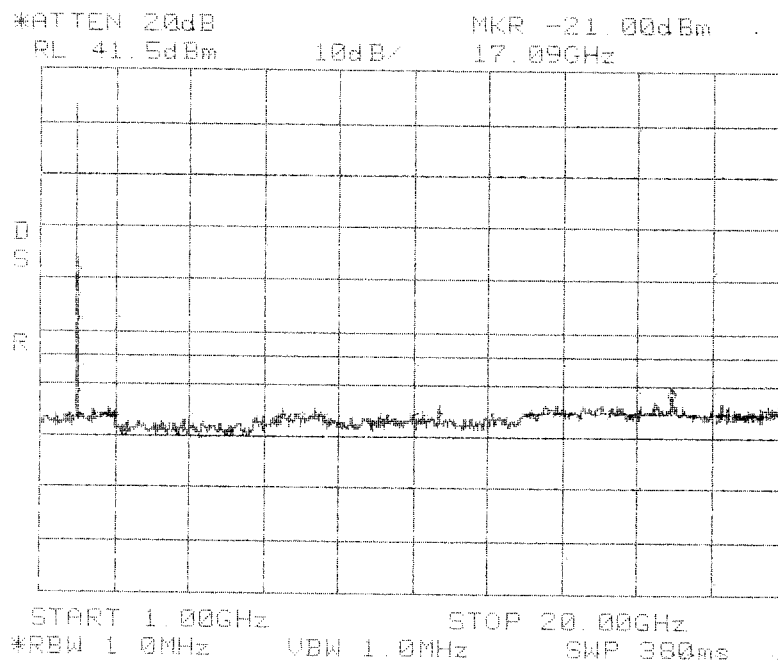
**Intermodulation
Close
Lower
TDMA
PCS 1900 MHz
AD Band**



**Intermodulation
Close
Lower
TDMA
PCS 1900 MHz
AD Band**

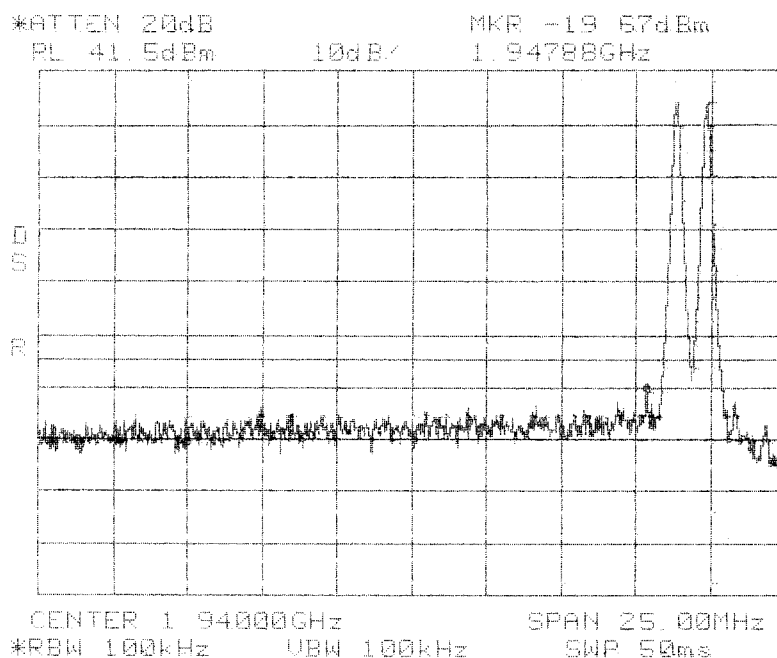
Span: 30 MHz to 1 GHz
RBW/VBW: 100 kHz

Span: 1 GHz to 20 GHz
RBW/VBW: 1 MHz

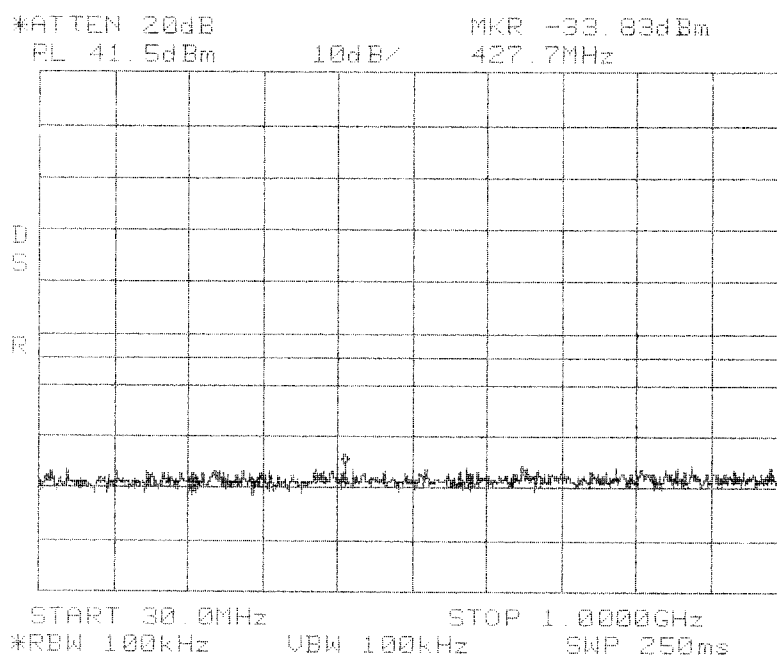


**Intermodulation
Close
Lower
TDMA
PCS 1900 MHz
AD Band**

Center: 1940.0 MHz
Span: 25 MHz
RBW/VBW: 100 kHz



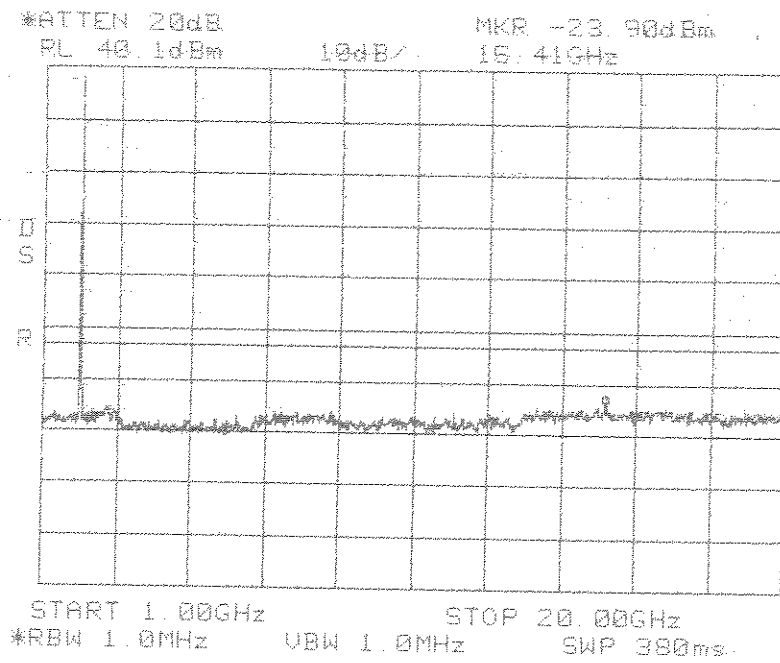
**Intermodulation
Close
Upper
TDMA
PCS 1900 MHz
AD Band**



**Intermodulation
Close
Upper
TDMA
PCS 1900 MHz
AD Band**

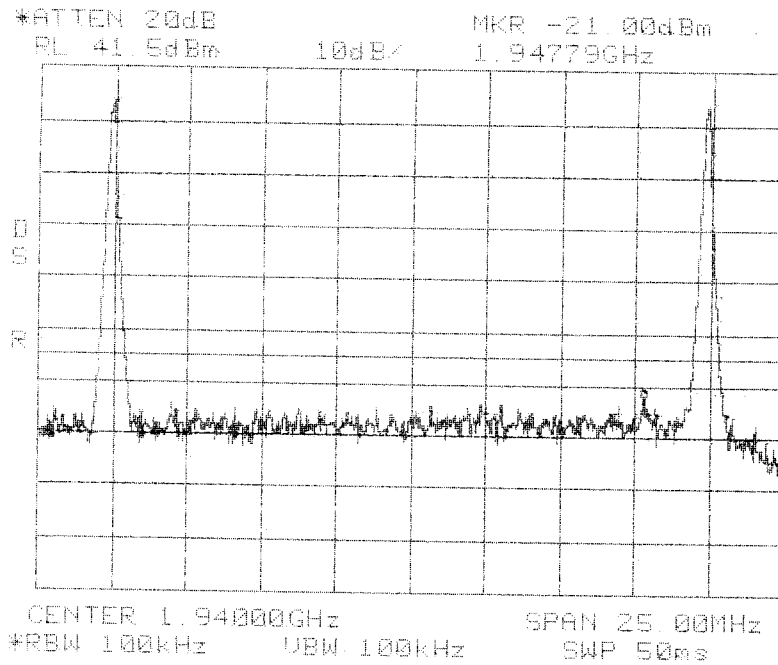
Span: 30 MHz to 1 GHz
RBW/VBW: 100 kHz

Span: 1 GHz to 20 GHz
RBW/VBW: 1 MHz

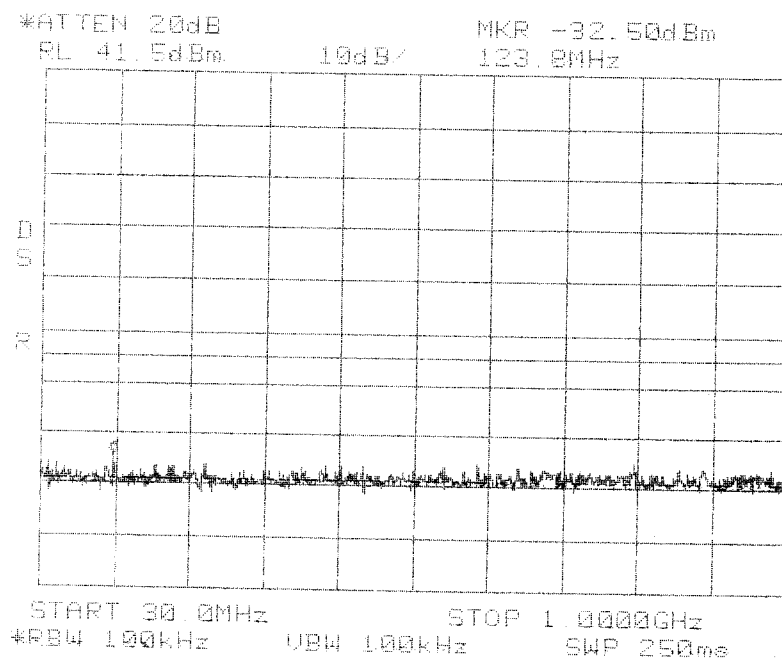


**Intermodulation
Close
Upper
TDMA
PCS 1900 MHz
AD Band**

Center: 1940.0 MHz
Span: 25 MHz
RBW/VBW: 100 kHz



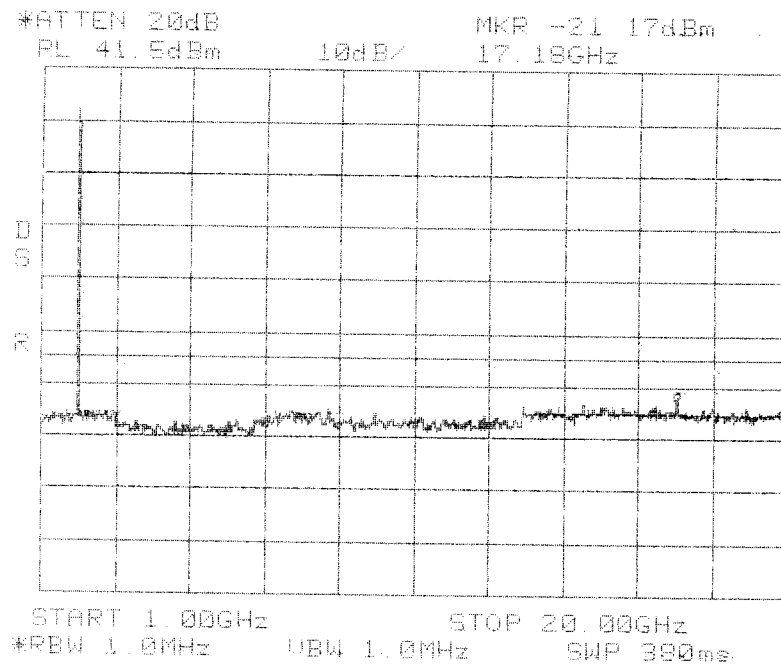
**Intermodulation
Apart
TDMA
PCS 1900 MHz
AD Band**



**Intermodulation
Apart
TDMA
PCS 1900 MHz
AD Band**

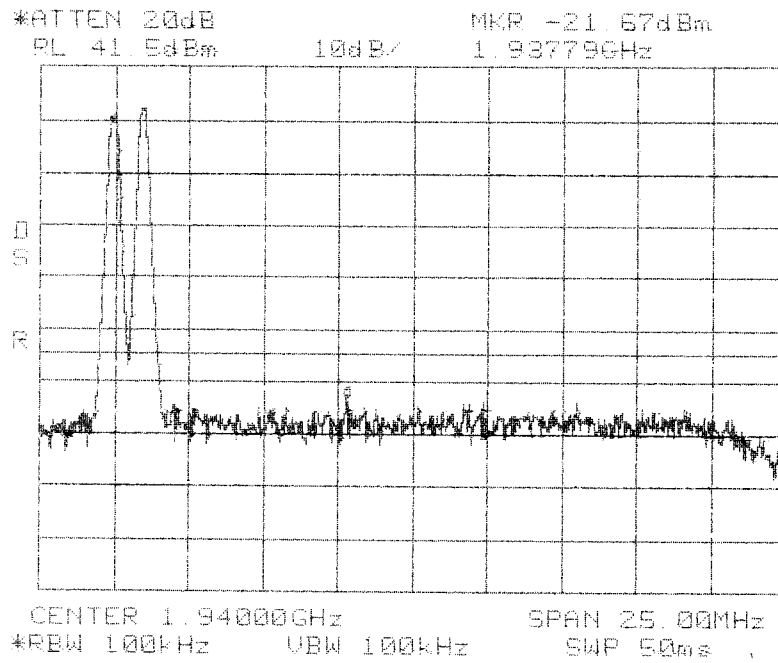
Span: 30 MHz to 1 GHz
RBW/VBW: 100 kHz

Span: 1 GHz to 20 GHz
RBW/VBW: 1 MHz

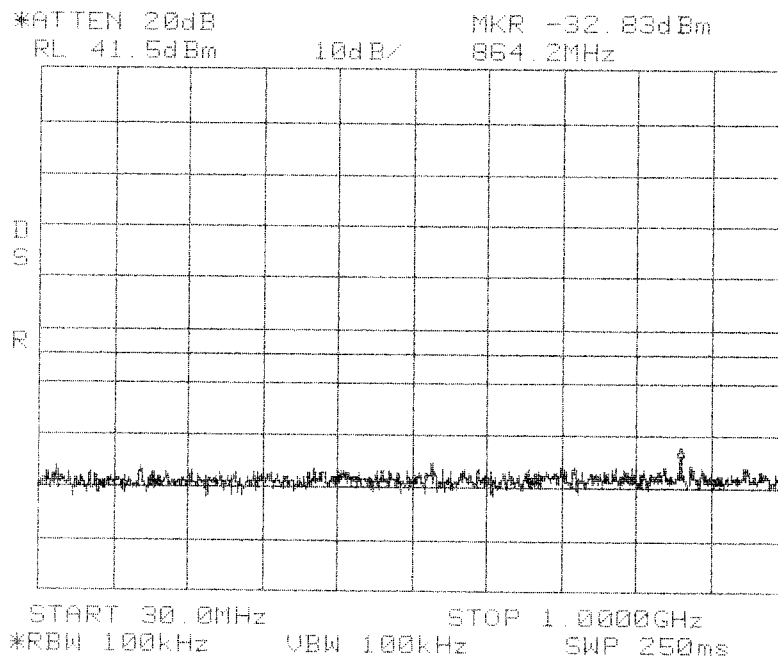


**Intermodulation
Apart
TDMA
PCS 1900 MHz
AD Band**

Center: 1940.0 MHz
Span: 25 MHz
RBW/VBW: 100 kHz



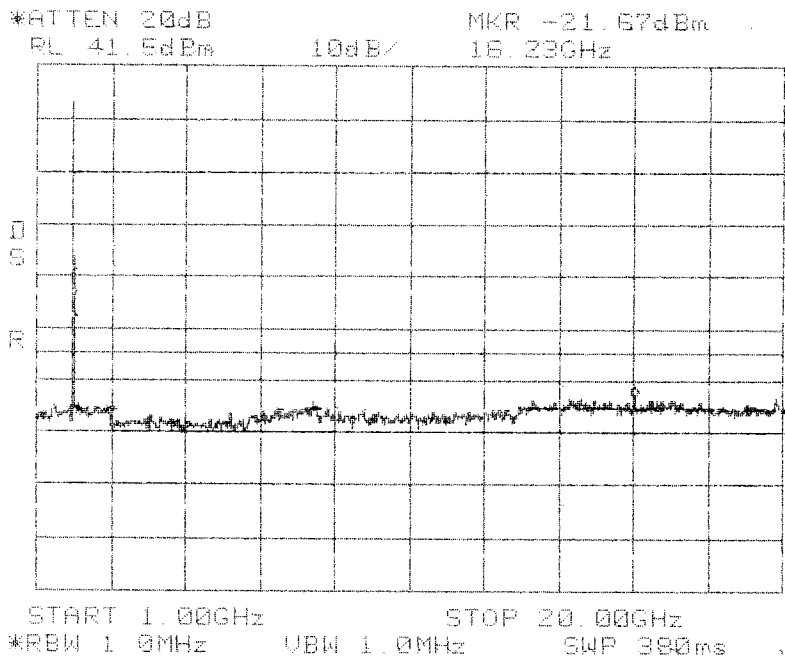
**Intermodulation
Close
Lower
GSM
PCS 1900 MHz
AD Band**



**Intermodulation
Close
Lower
GSM
PCS 1900 MHz
AD Band**

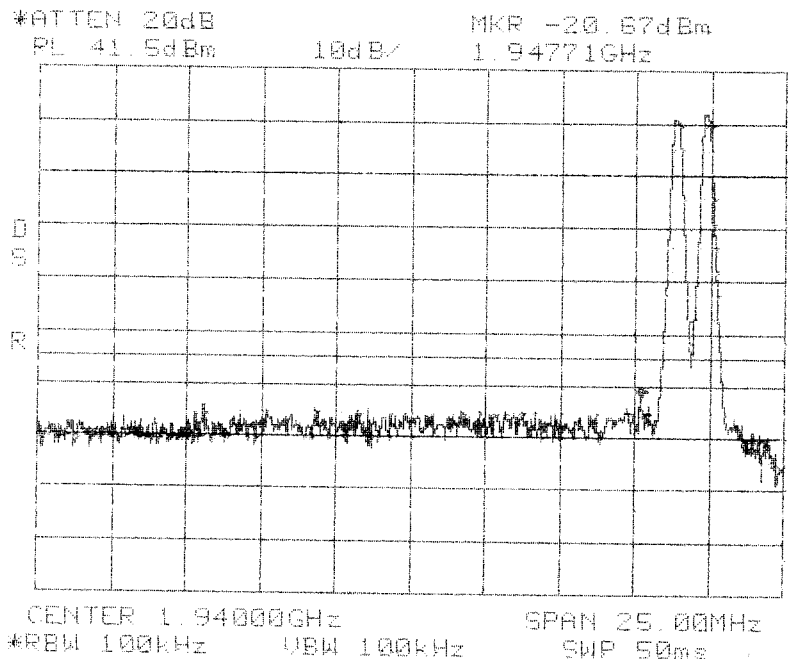
Span: 30 MHz to 1 GHz
RBW/VBW: 100 kHz

Span: 1 GHz to 20 GHz
RBW/VBW: 1 MHz

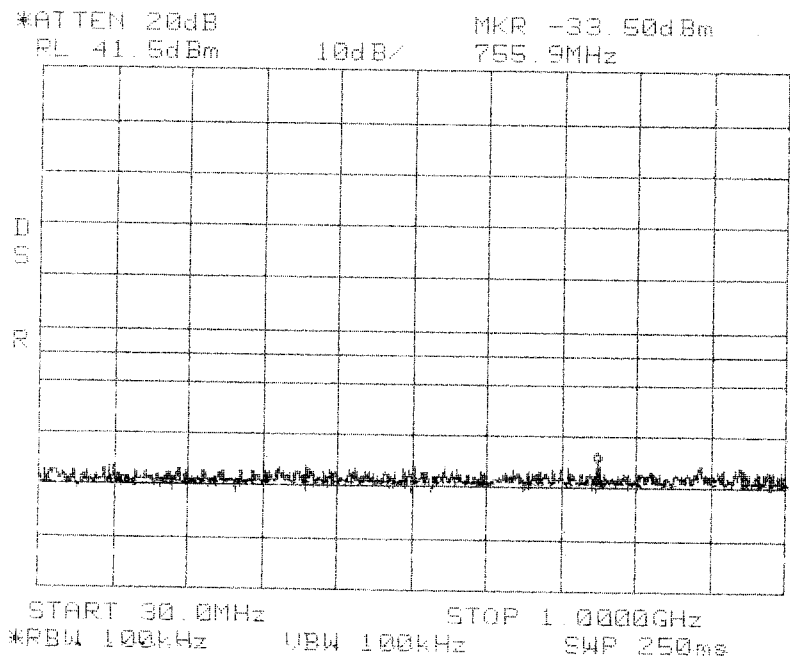


**Intermodulation
Close
Lower
GSM
PCS 1900 MHz
AD Band**

Center: 1940.0 MHz
Span: 25 MHz
RBW/VBW: 100 kHz



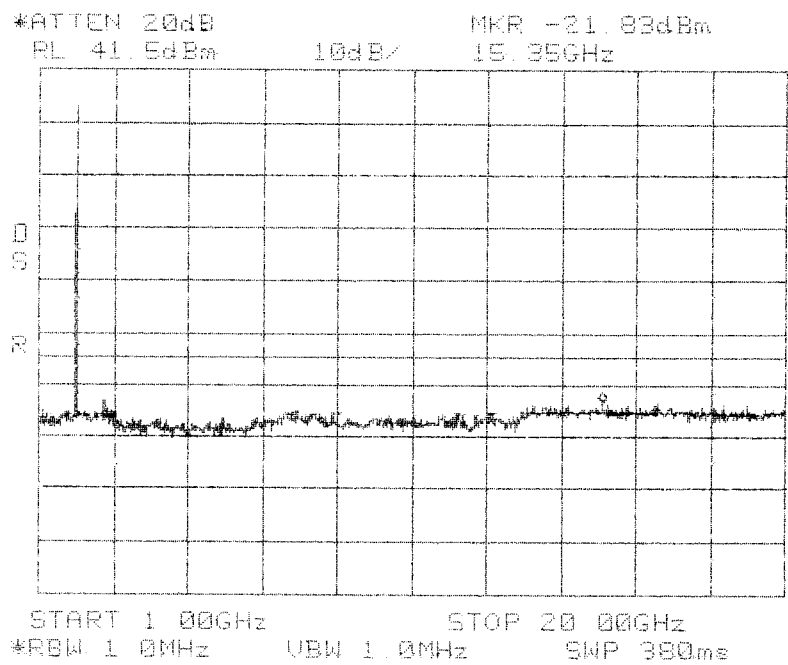
**Intermodulation
Close
Upper
GSM
PCS 1900 MHz
AD Band**



**Intermodulation
Close
Upper
GSM
PCS 1900 MHz
AD Band**

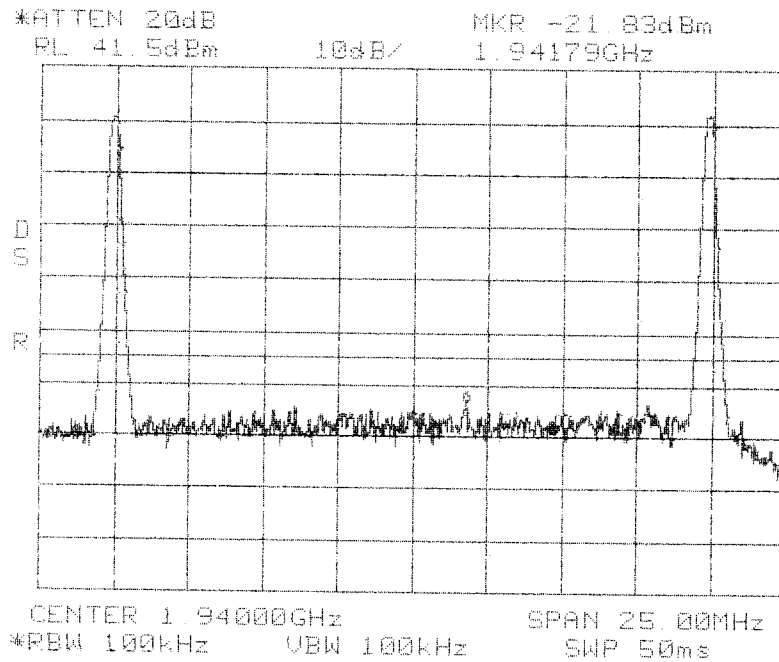
Span: 30 MHz to 1 GHz
RBW/VBW: 100 kHz

Span: 1 GHz to 20 GHz
RBW/VBW: 1 MHz

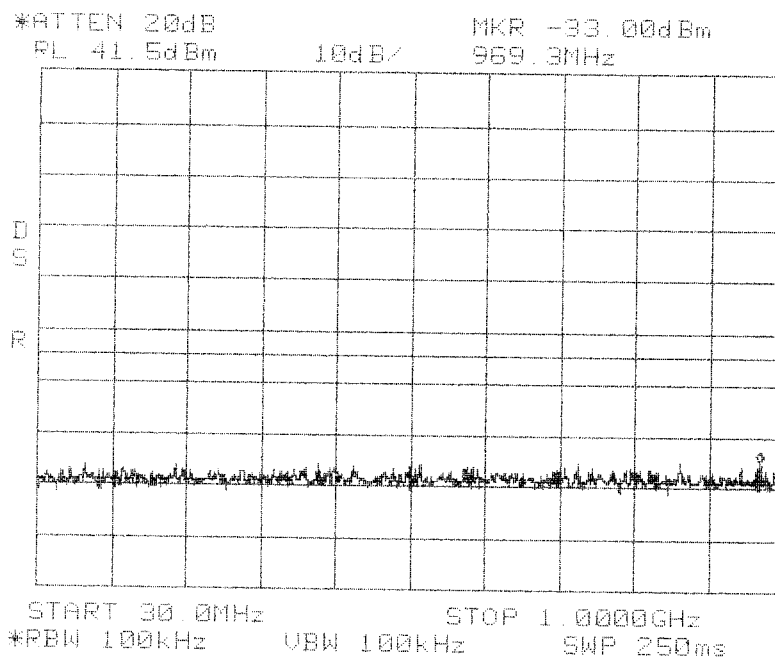


**Intermodulation
Close
Upper
GSM
PCS 1900 MHz
AD Band**

Center: 1940.0 MHz
Span: 25 MHz
RBW/VBW: 100 kHz



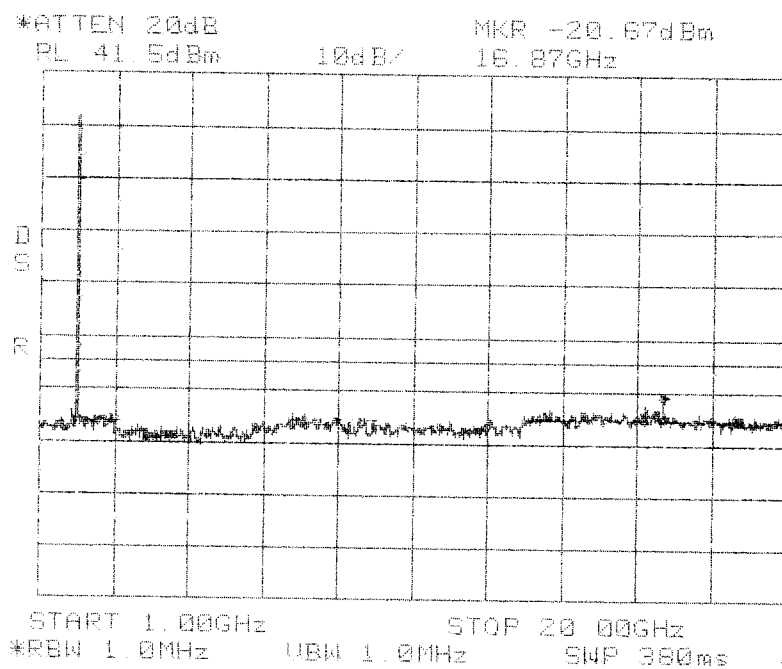
**Intermodulation
Apart
GSM
PCS 1900 MHz
AD Band**



**Intermodulation
Apart
GSM
PCS 1900 MHz
AD Band**

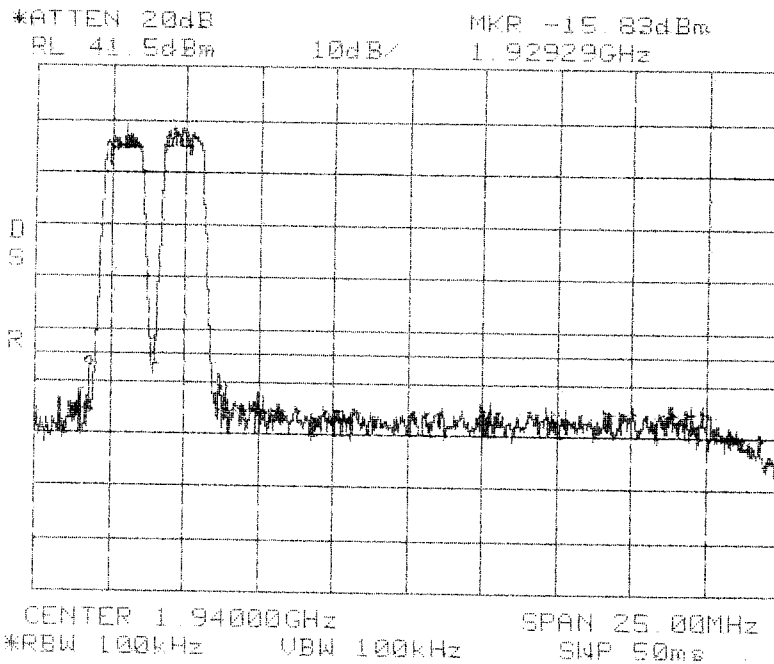
Span: 30 MHz to 1 GHz
RBW/VBW: 100 kHz

Span: 1 GHz to 20 GHz
RBW/VBW: 1 MHz

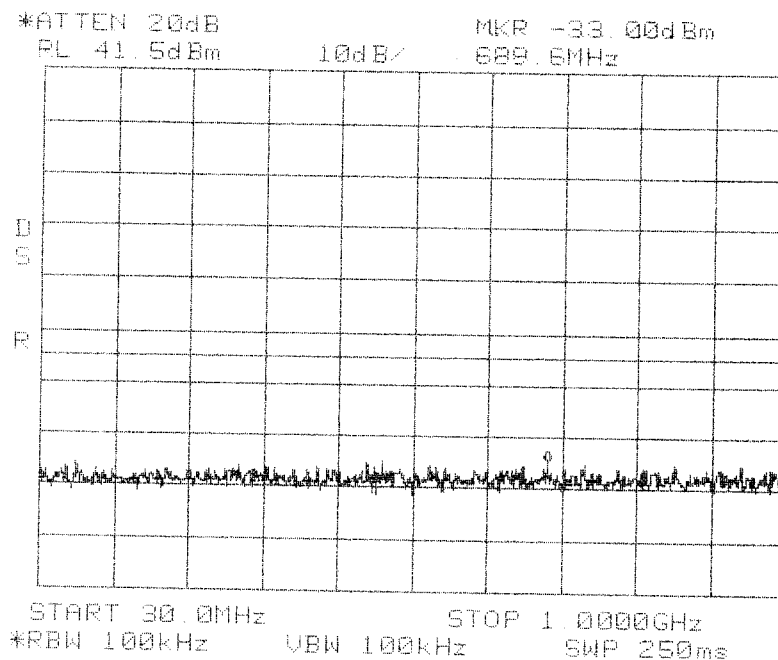


**Intermodulation
Apert
GSM
PCS 1900 MHz
AD Band**

Center: 1940.0 MHz
Span: 25 MHz
RBW/VBW: 100 kHz



**Intermodulation
Close
Lower
CDMA
PCS 1900 MHz
AD Band**

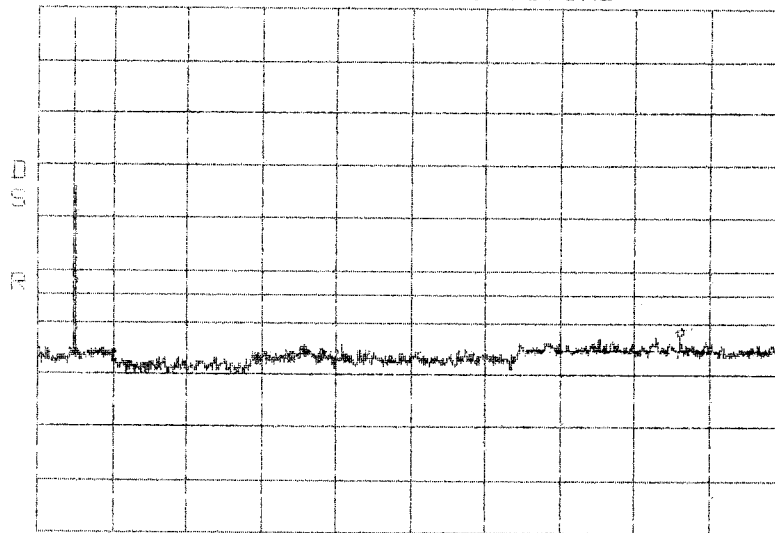


**Intermodulation
Close
Lower
CDMA
PCS 1900 MHz
AD Band**

Span: 30 MHz to 1 GHz
RBW/VBW: 100 kHz

Span: 1 GHz to 20 GHz
RBW/VBW: 1 MHz

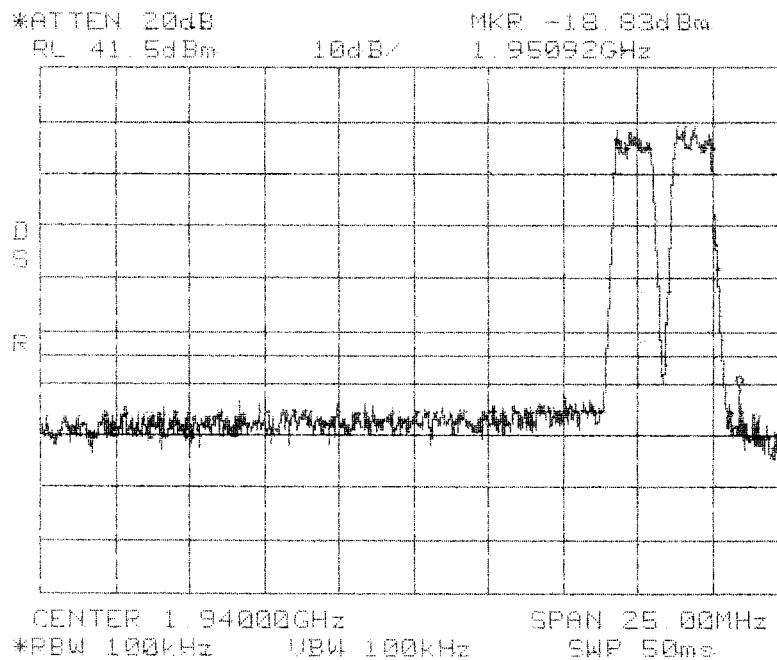
*ATTEN 20dB MKR -21.17dBm
RL 41.5dBm 10dB/ 17.37GHz



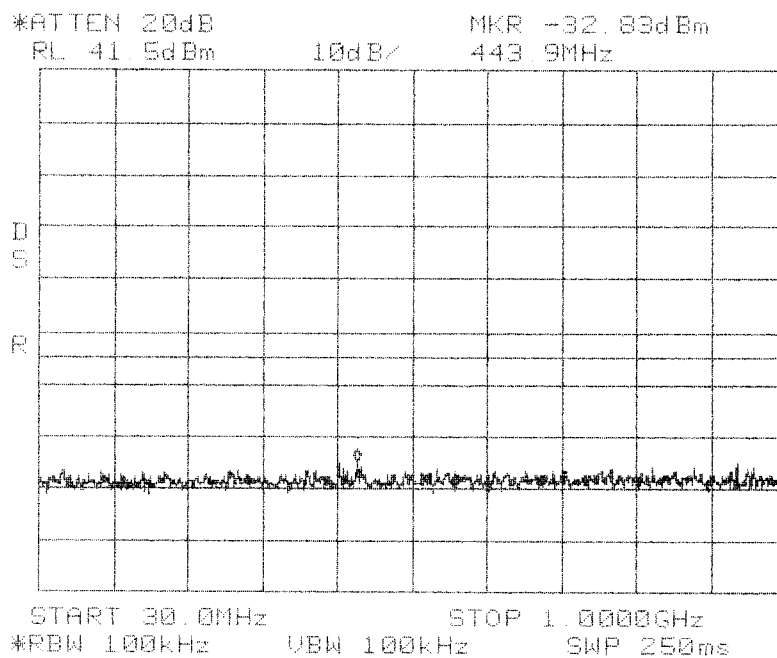
START 1.00GHz STOP 20.00GHz
*RBW 1.0MHz VBW 1.0MHz SWP 380ms

**Intermodulation
Close
Lower
CDMA
PCS 1900 MHz
AD Band**

Center: 1940.0 MHz
Span: 25 MHz
RBW/VBW: 100 kHz



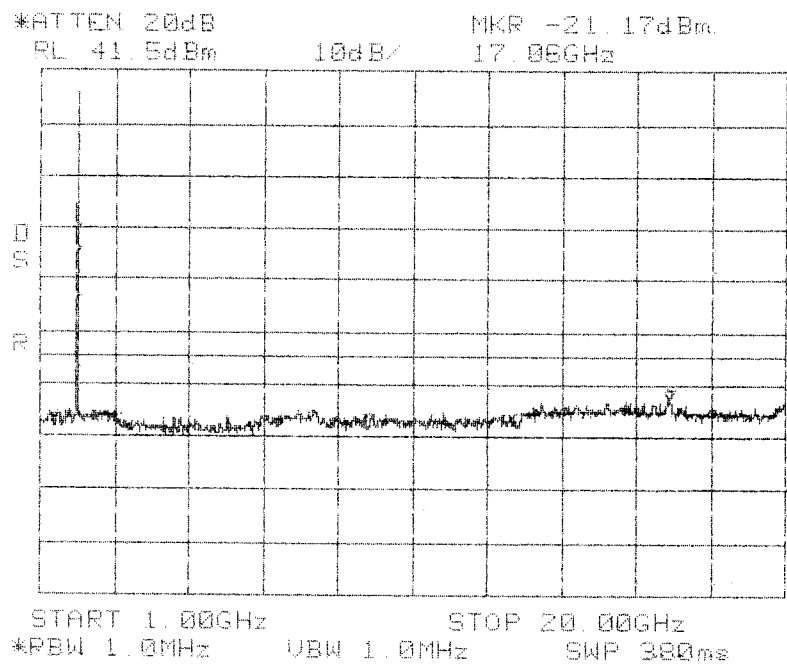
**Intermodulation
Close
Upper
CDMA
PCS 1900 MHz
AD Band**



**Intermodulation
Close
Upper
CDMA
PCS 1900 MHz
AD Band**

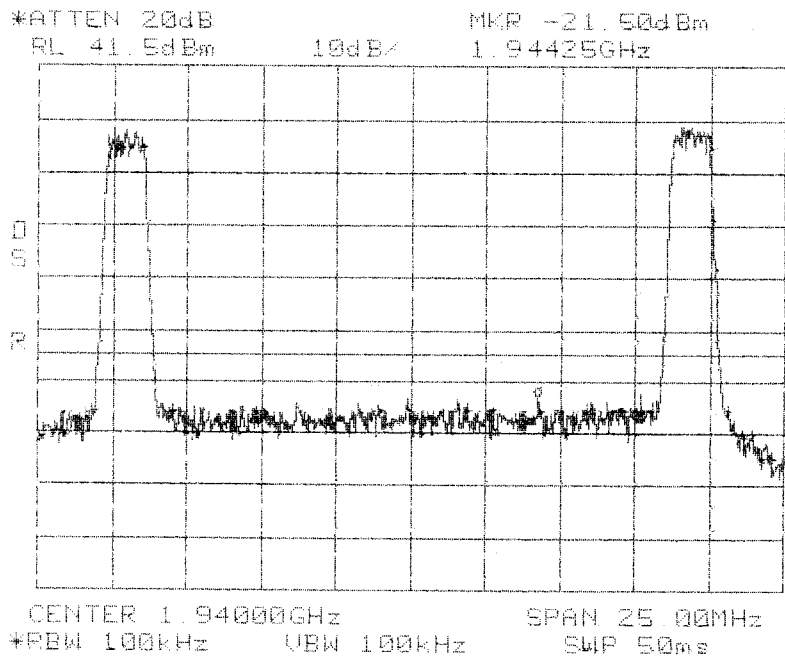
Span: 30 MHz to 1 GHz
RBW/VBW: 100 kHz

Span: 1 GHz to 20 GHz
RBW/VBW: 1 MHz

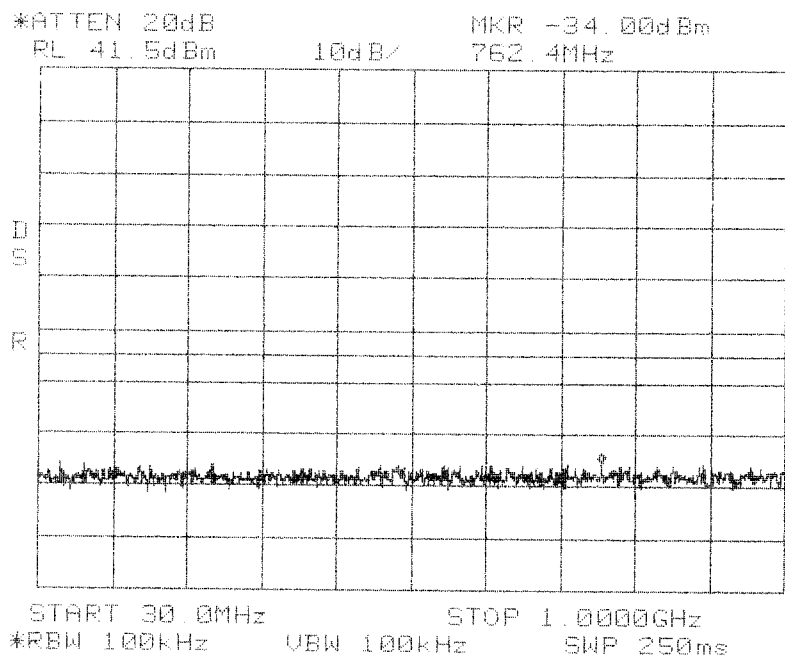


**Intermodulation
Close
Upper
CDMA
PCS 1900 MHz
AD Band**

Center: 1940.0 MHz
Span: 25 MHz
RBW/VBW: 100 kHz



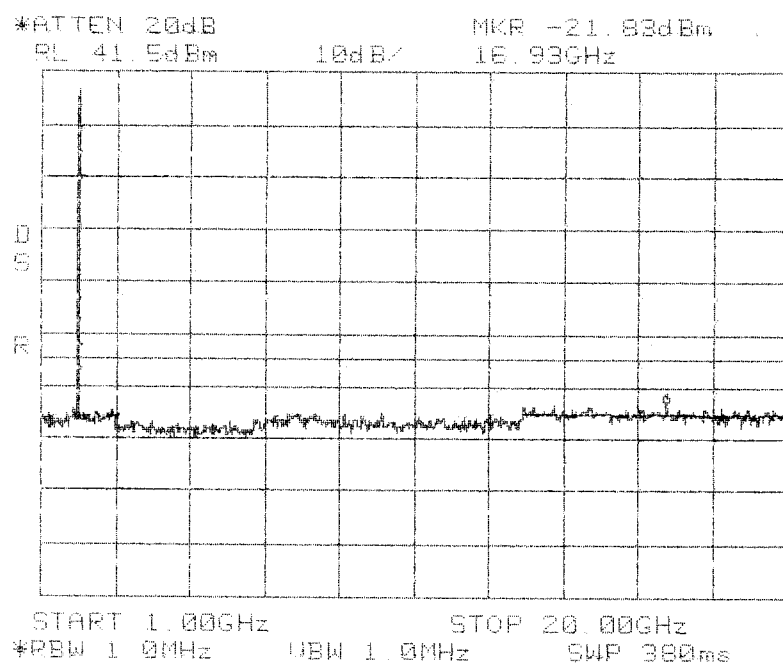
**Intermodulation
Apart
CDMA
PCS 1900 MHz
AD Band**



**Intermodulation
Apart
CDMA
PCS 1900 MHz
AD Band**

Span: 30 MHz to 1 GHz
RBW/VBW: 100 kHz

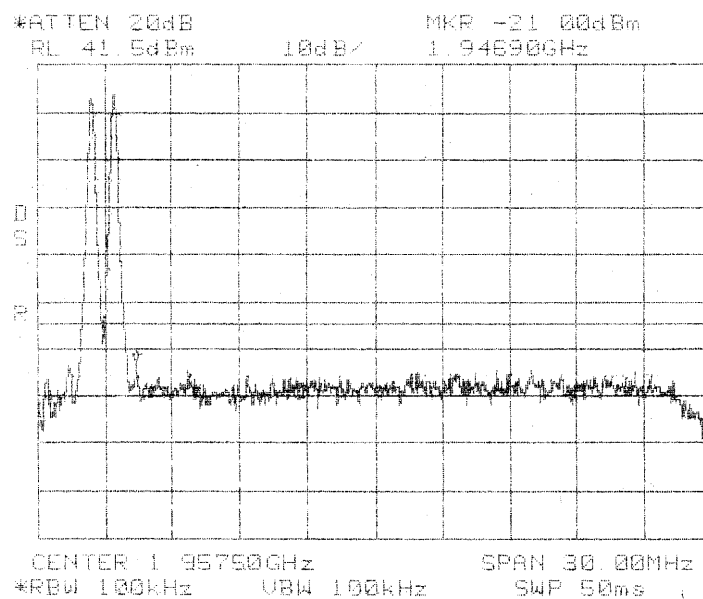
Span: 1 GHz to 20 GHz
RBW/VBW: 1 MHz



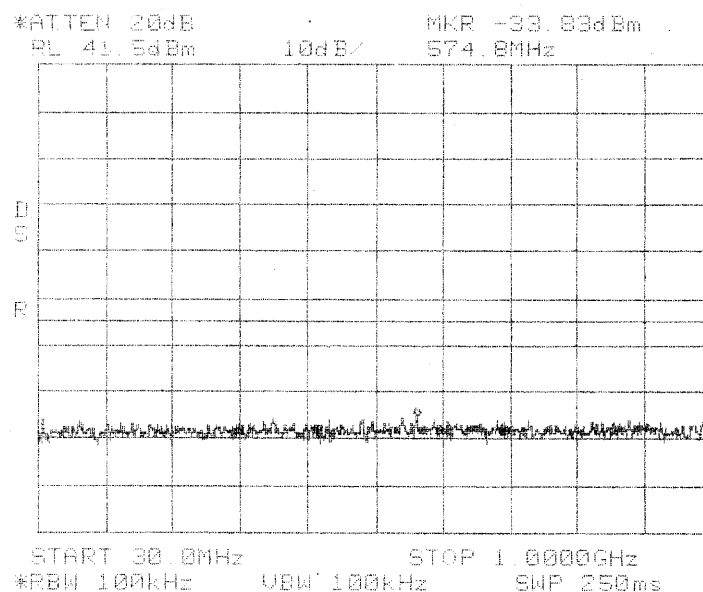
**Intermodulation
Apart
CDMA
PCS 1900 MHz
AD Band**

Center: 1957.5 MHz

RBW/VBW: 100 kHz



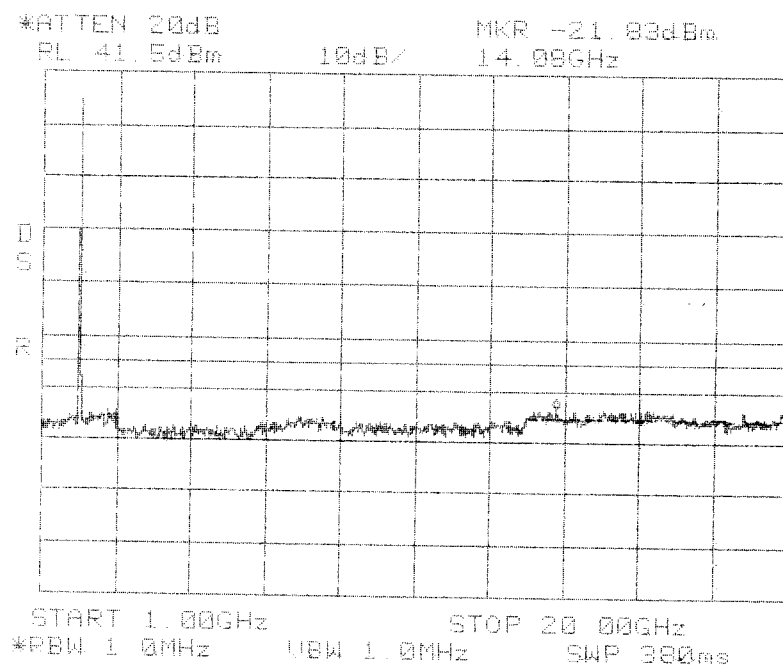
**Intermodulation
Close
Lower
TDMA
PCS 1900 MHz
DBE Band**



**Intermodulation
Close
Lower
TDMA
PCS 1900 MHz
DBE Band**

Span: 30 MHz to 1 GHz
RBW/VBW: 100 kHz

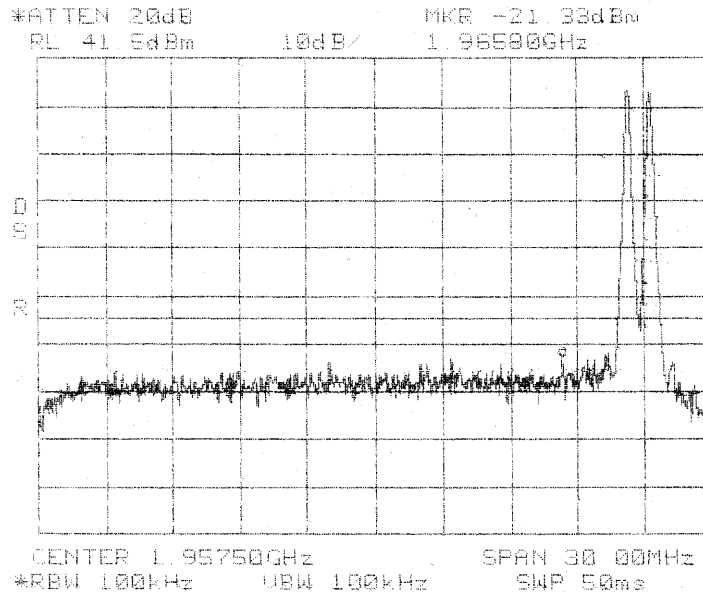
Span: 1 GHz to 20 GHz
RBW/VBW: 1 MHz



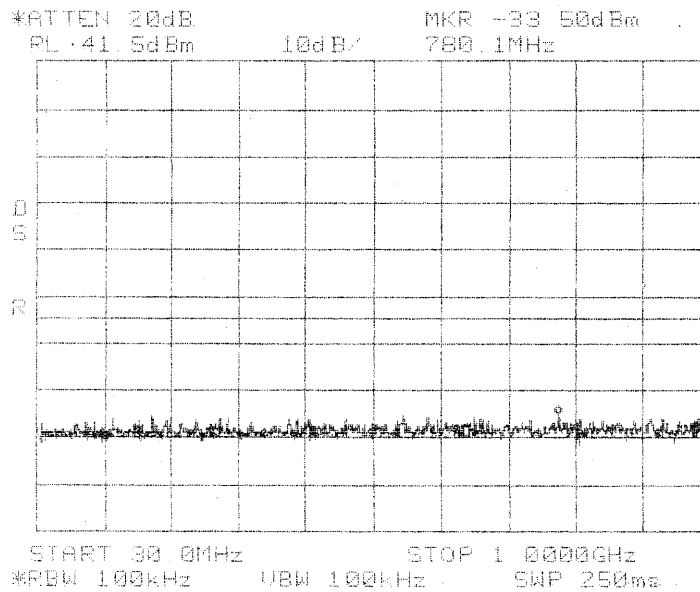
**Intermodulation
Close
Lower
TDMA
PCS 1900 MHz
DBE Band**

Center: 1957.5 MHz

RBW/VBW: 100 kHz



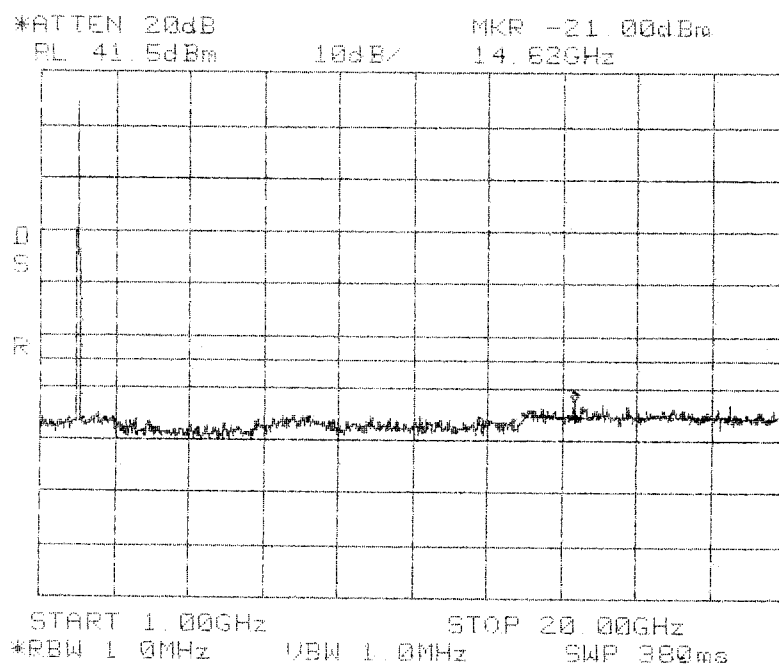
**Intermodulation
Close
Upper
TDMA
PCS 1900 MHz
DBE Band**



**Intermodulation
Close
Upper
TDMA
PCS 1900 MHz
DBE Band**

Span: 30 MHz to 1 GHz
RBW/VBW: 100 kHz

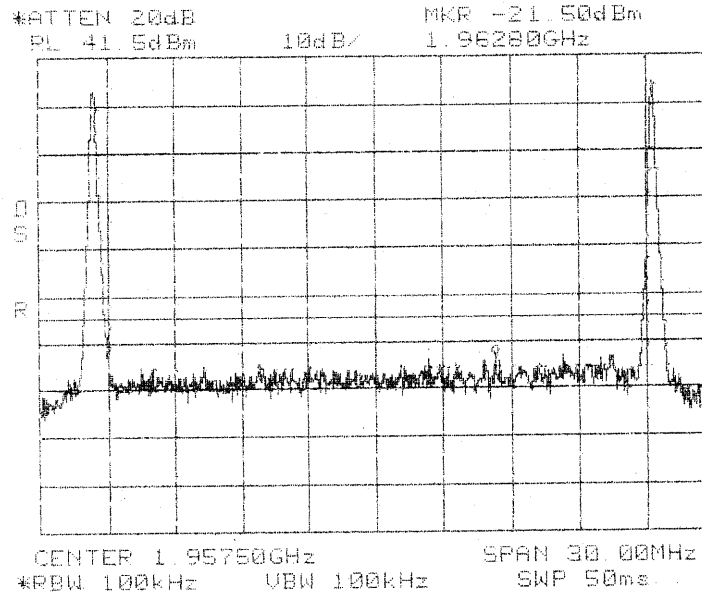
Span: 1 GHz to 20 GHz
RBW/VBW: 1 MHz



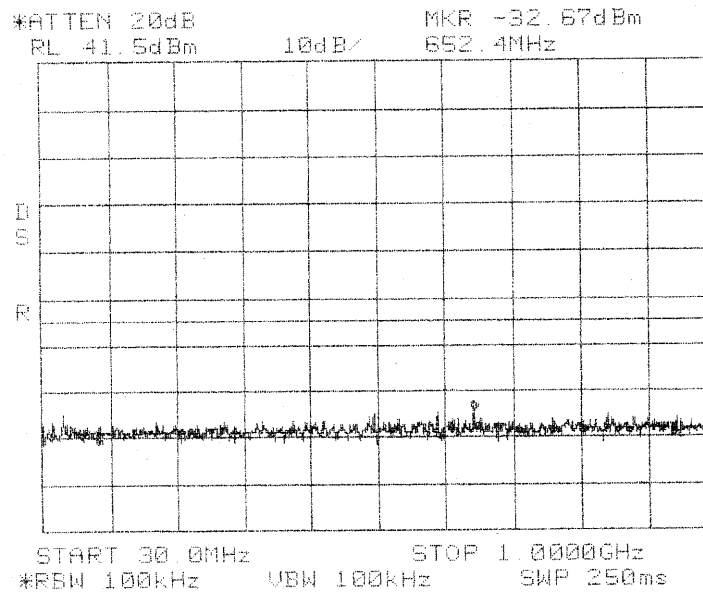
**Intermodulation
Close
Upper
TDMA
PCS 1900 MHz
DBE Band**

Center: 1957.5 MHz

RBW/VBW: 100 kHz



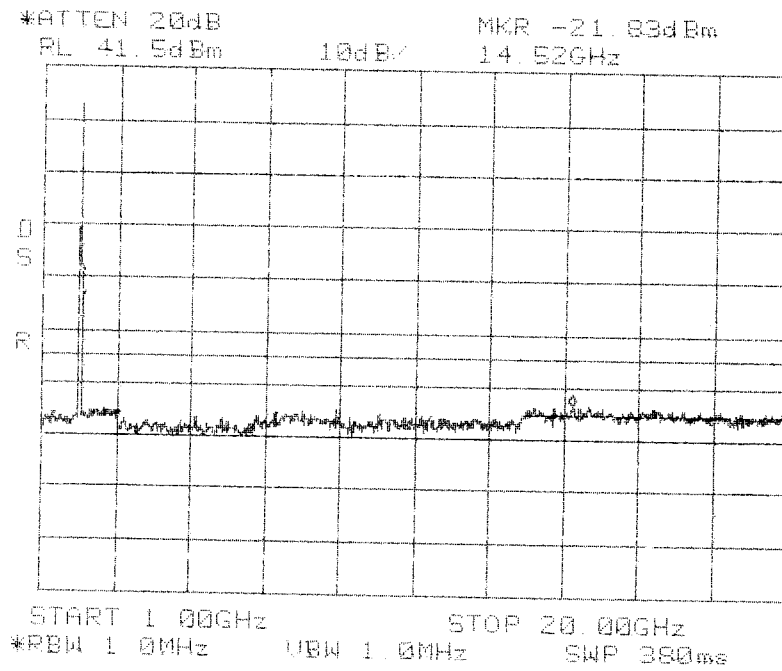
**Intermodulation
Apart
TDMA
PCS 1900 MHz
DBE Band**



**Intermodulation
Apart
TDMA
PCS 1900 MHz
DBE Band**

Span: 30 MHz to 1 GHz
RBW/VBW: 100 kHz

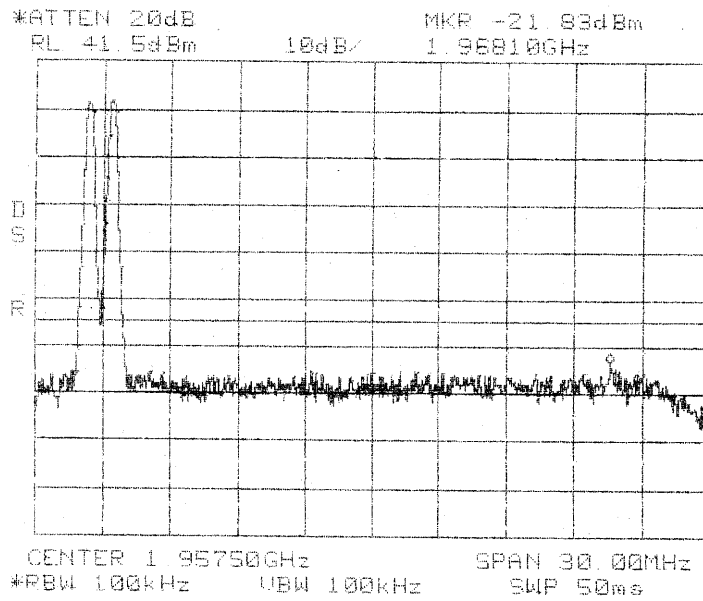
Span: 1 GHz to 20 GHz
RBW/VBW: 1 MHz



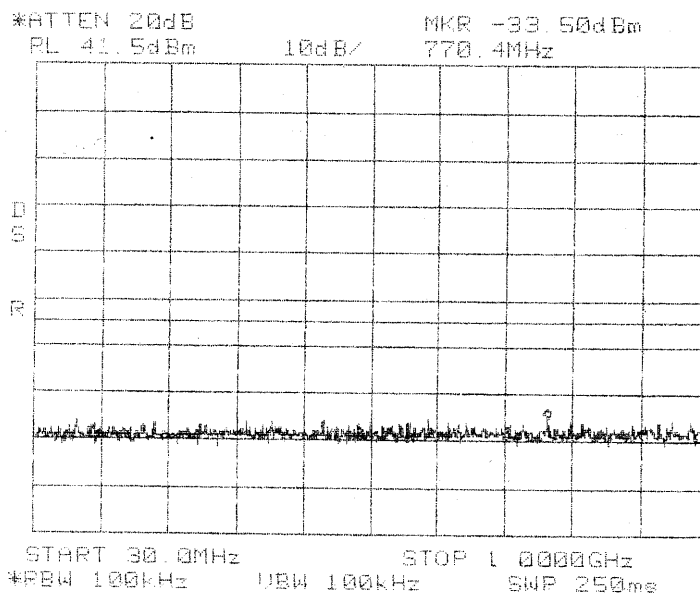
**Intermodulation
Apart
TDMA
PCS 1900 MHz
DBE Band**

Center: 1957.5 MHz

RBW/VBW: 100 kHz



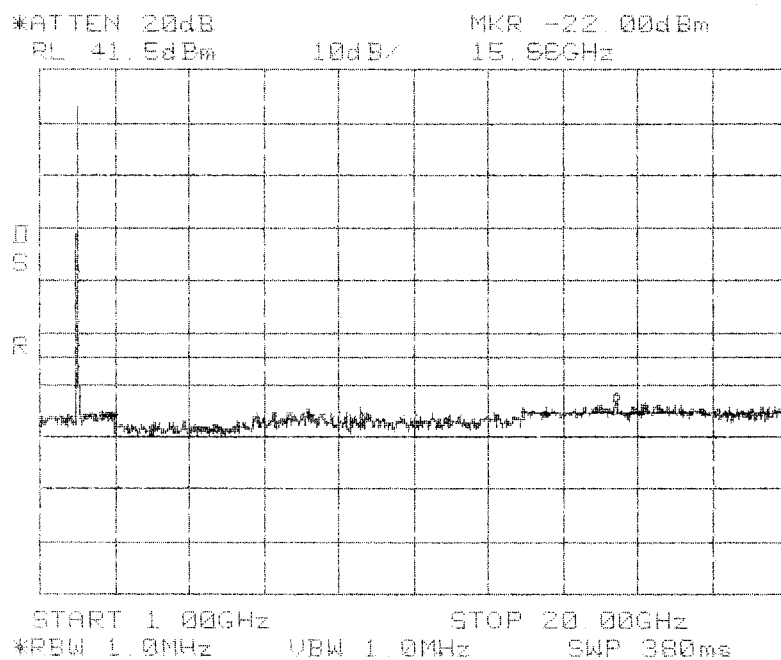
Intermodulation
Close
Lower
GSM
PCS 1900 MHz
DBE Band



Intermodulation
Close
Lower
GSM
PCS 1900 MHz
DBE Band

Span: 30 MHz to 1 GHz
RBW/VBW: 100 kHz

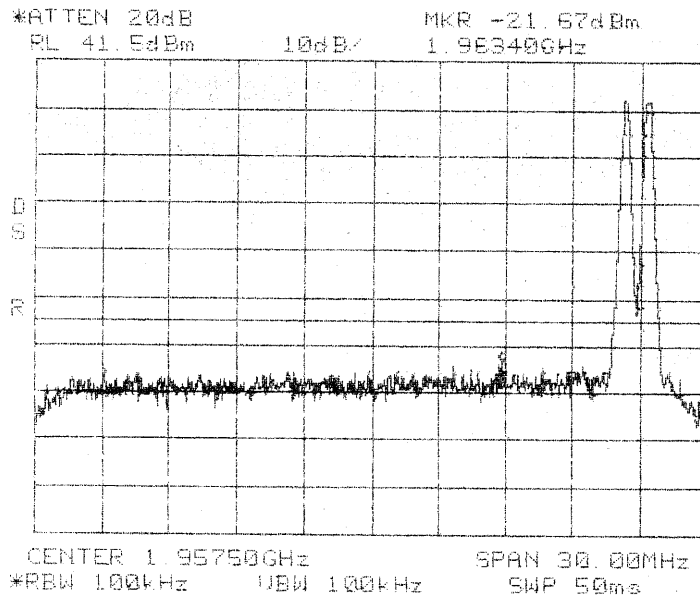
Span: 1 GHz to 20 GHz
RBW/VBW: 1 MHz



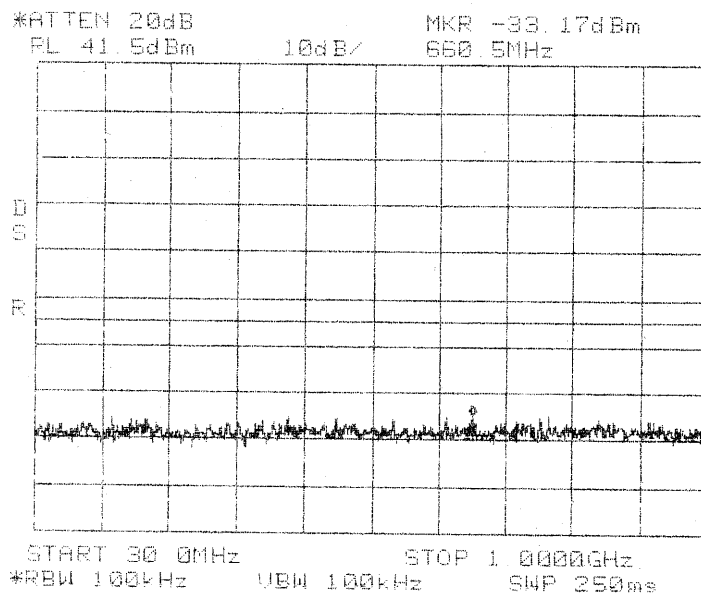
**Intermodulation
Close
Lower
GSM
PCS 1900 MHz
DBE Band**

Center: 1957.5 MHz

RBW/VBW: 100 kHz



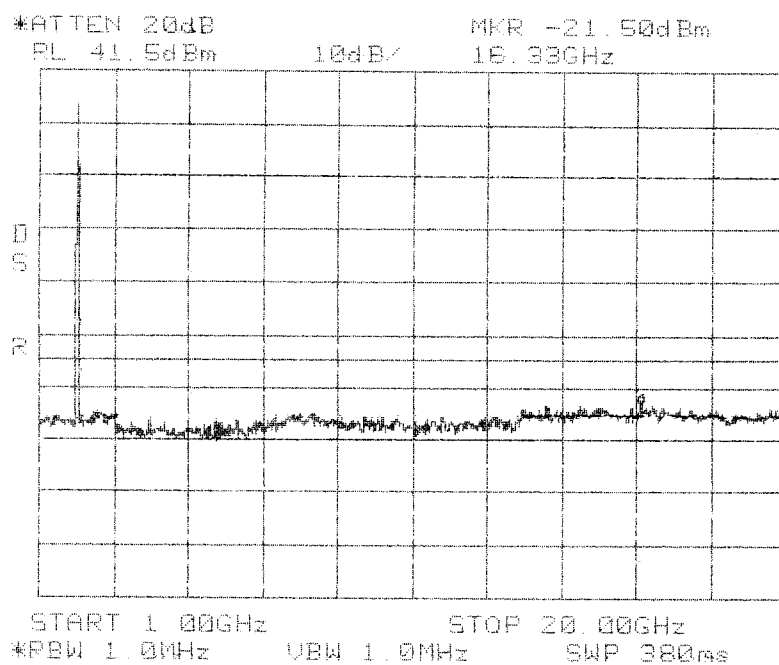
Intermodulation
Close
Upper
GSM
PCS 1900 MHz
DBE Band



Intermodulation
Close
Upper
GSM
PCS 1900 MHz
DBE Band

Span: 30 MHz to 1 GHz
RBW/VBW: 100 kHz

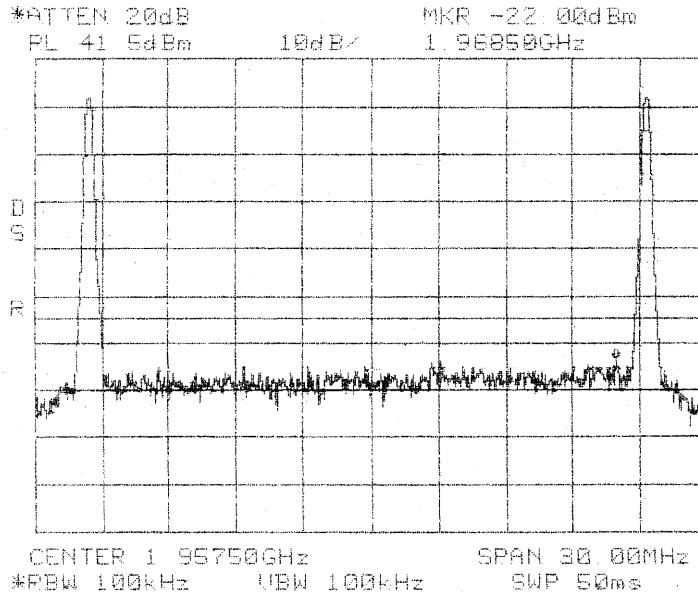
Span: 1 GHz to 20 GHz
RBW/VBW: 1 MHz



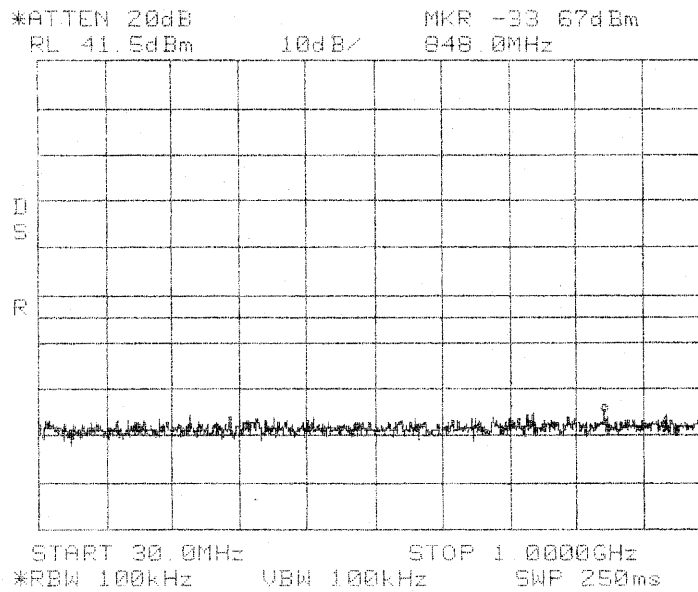
**Intermodulation
Close
Upper
GSM
PCS 1900 MHz
DBE Band**

Center: 1957.5 MHz

RBW/VBW: 100 kHz



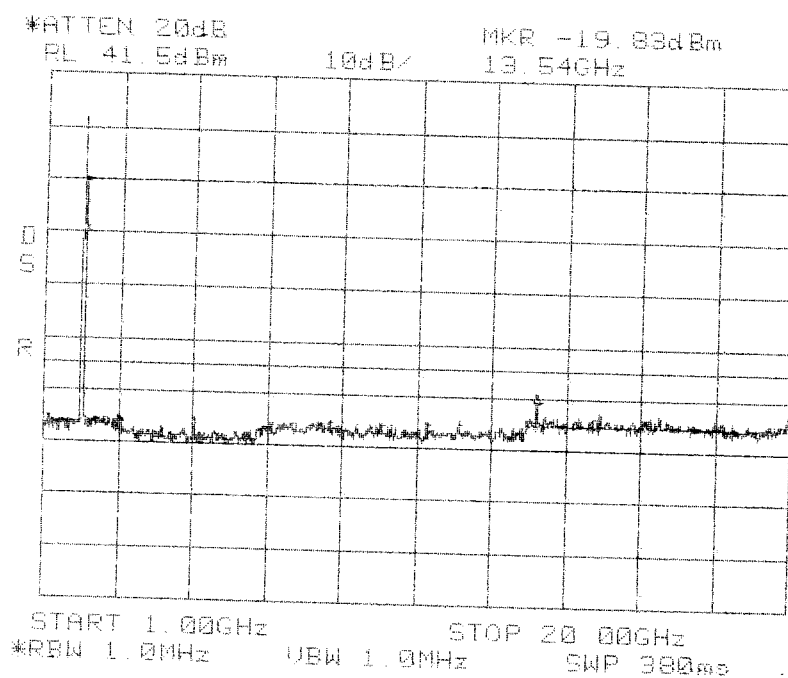
**Intermodulation
Apart
GSM
PCS 1900 MHz
DBE Band**



**Intermodulation
Apart
GSM
PCS 1900 MHz
DBE Band**

Span: 30 MHz to 1 GHz
RBW/VBW: 100 kHz

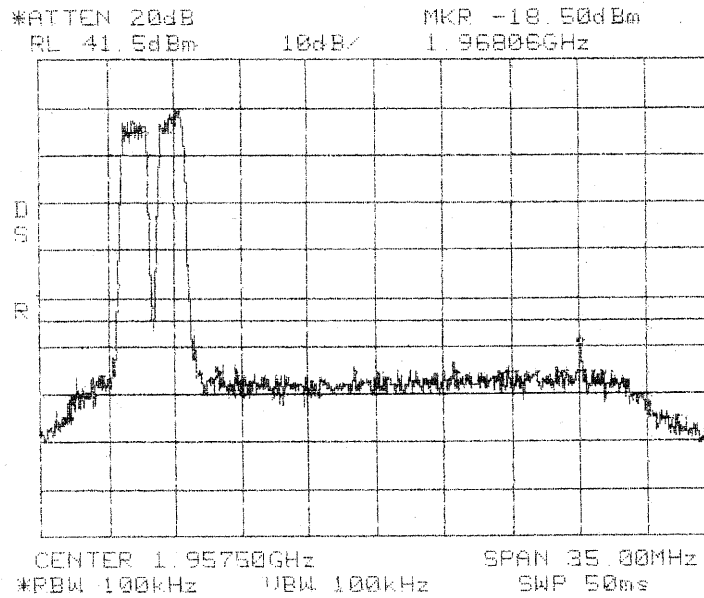
Span: 1 GHz to 20 GHz
RBW/VBW: 1 MHz



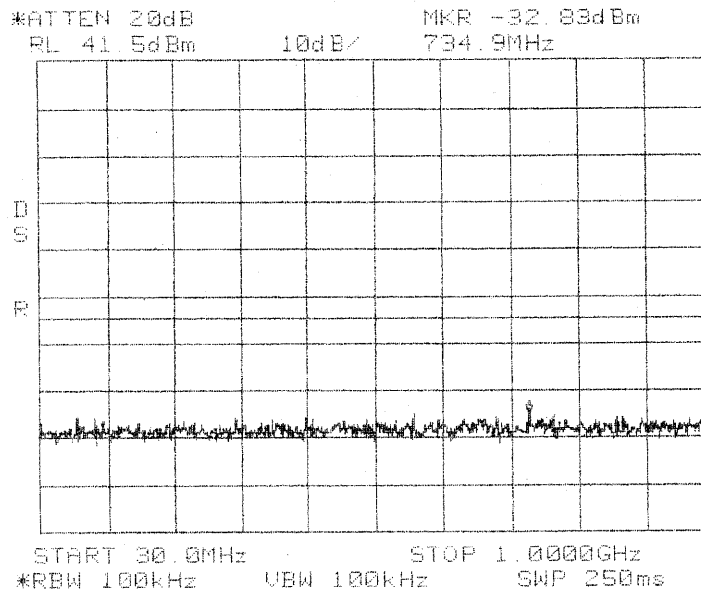
**Intermodulation
Apart
GSM
PCS 1900 MHz
DBE Band**

Center: 1957.5 MHz

RBW/VBW: 100 kHz



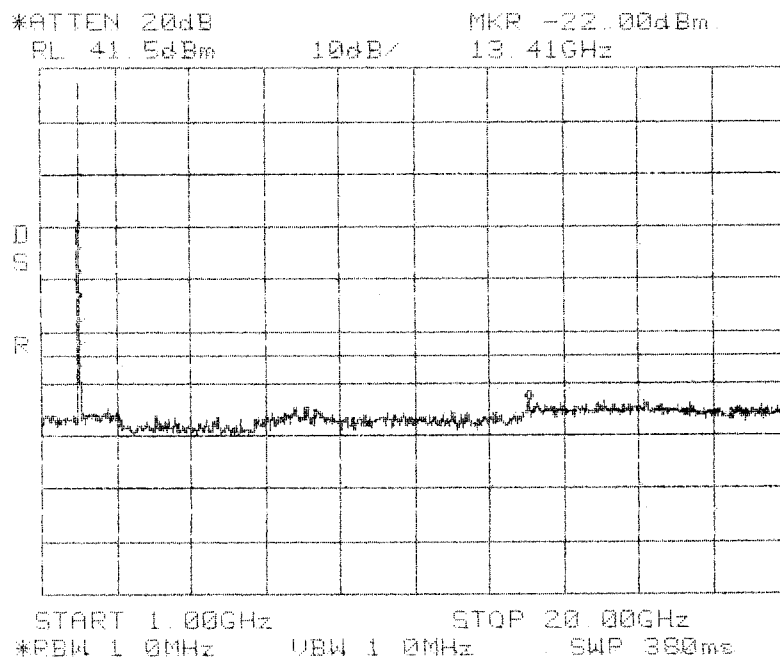
**Intermodulation
Close
Lower
CDMA
PCS 1900 MHz
DBE Band**



**Intermodulation
Close
Lower
CDMA
PCS 1900 MHz
DBE Band**

Span: 30 MHz to 1 GHz
RBW/VBW: 100 kHz

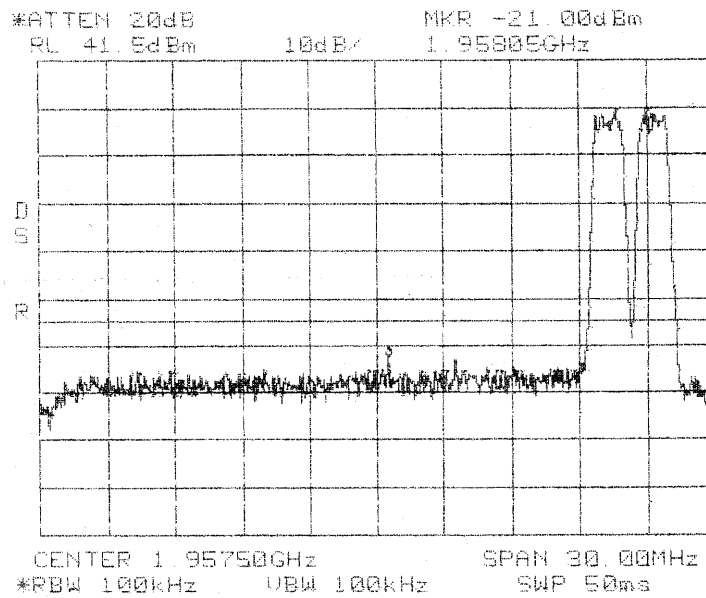
Span: 1 GHz to 20 GHz
RBW/VBW: 1 MHz



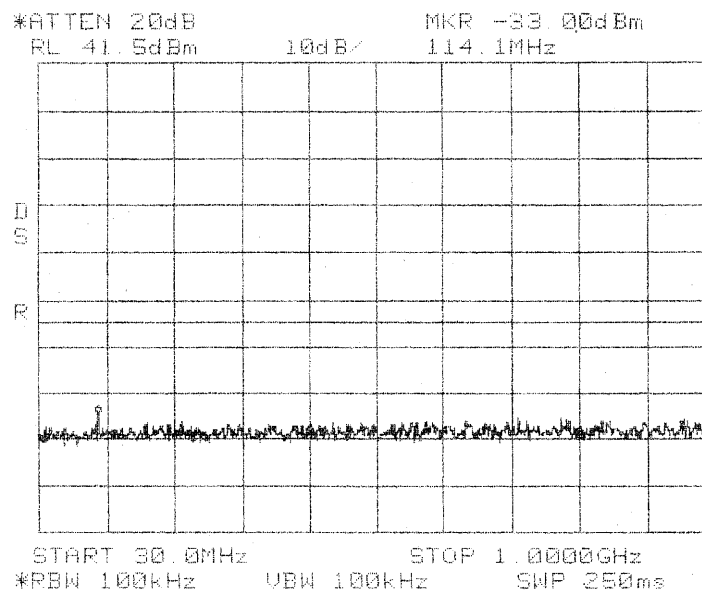
**Intermodulation
Close
Lower
CDMA
PCS 1900 MHz
DBE Band**

Center 1957.5 MHz

RBW/VBW: 100 kHz



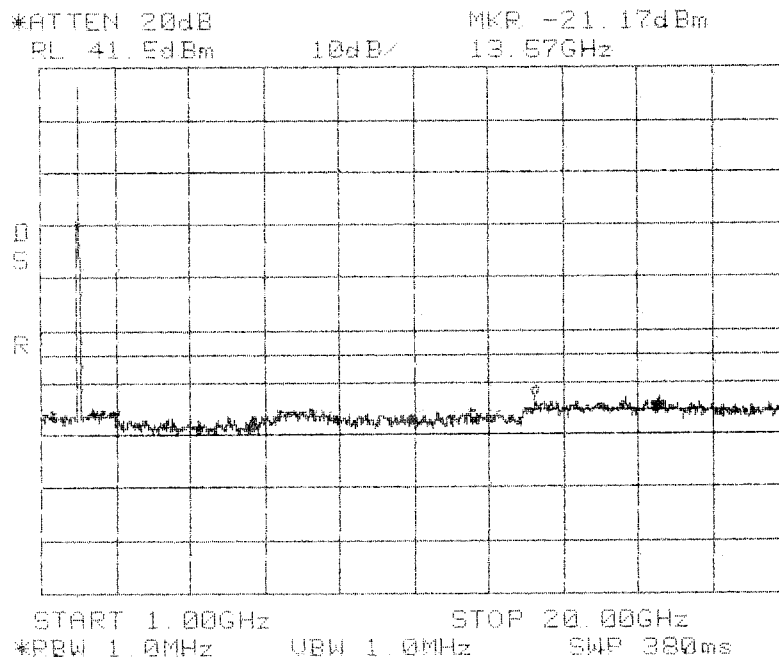
**Intermodulation
Close
Upper
CDMA
PCS 1900 MHz
DBE Band**



**Intermodulation
Close
Upper
CDMA
PCS 1900 MHz
DBE Band**

Span: 30 MHz to 1 GHz
RBW/VBW: 100 kHz

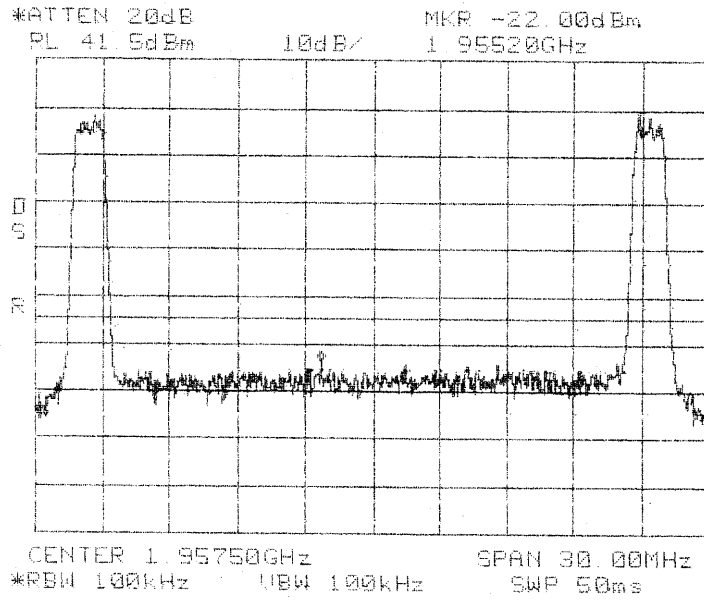
Span: 1 GHz to 20 GHz
RBW/VBW: 1 MHz



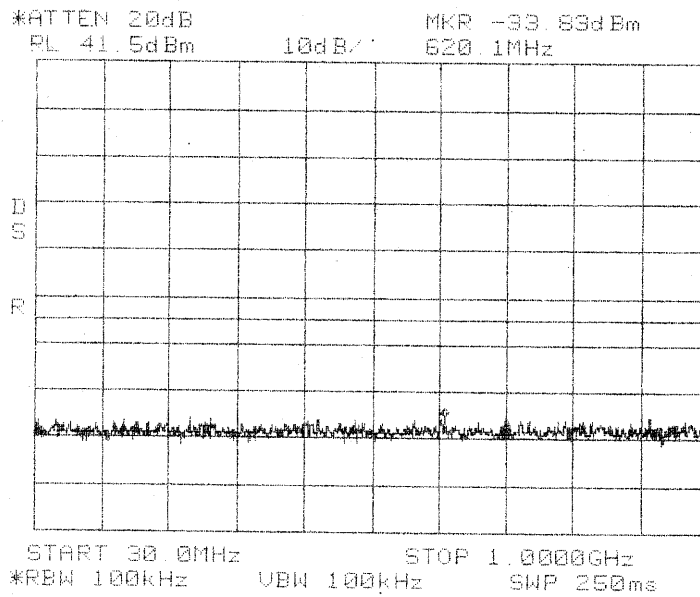
**Intermodulation
Close
Upper
CDMA
PCS 1900 MHz
DBE Band**

Center: 1957.5 MHz

RBW/VBW: 100 kHz



**Intermodulation
Apart
CDMA
PCS 1900 MHz
DBE Band**



**Intermodulation
Apart
CDMA
PCS 1900 MHz
DBE Band**

Span: 30 MHz to 1 GHz
RBW/VBW: 100 kHz

**Intermodulation
Apart
CDMA
PCS 1900 MHz
DBE Band**

