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• WIRELESS COMMUNICATIONS •

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TUCSON FIELD TEST DATA

VOLUME III

12 dBi Antenna

Sites 106 - 149

SITE 106

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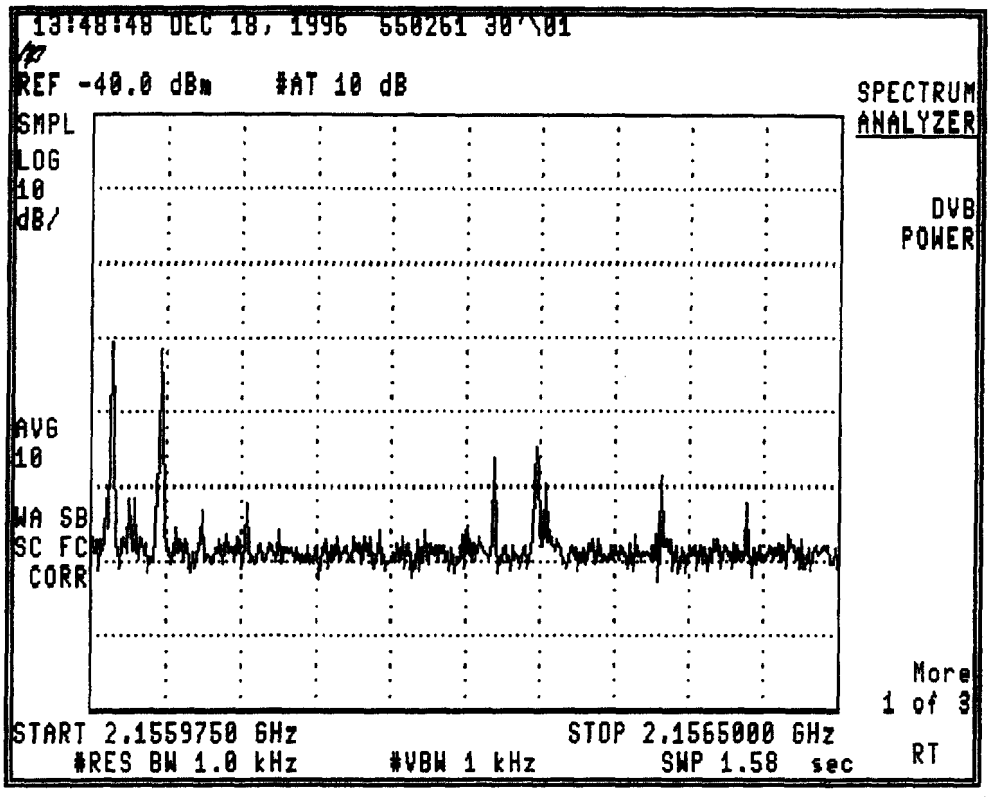
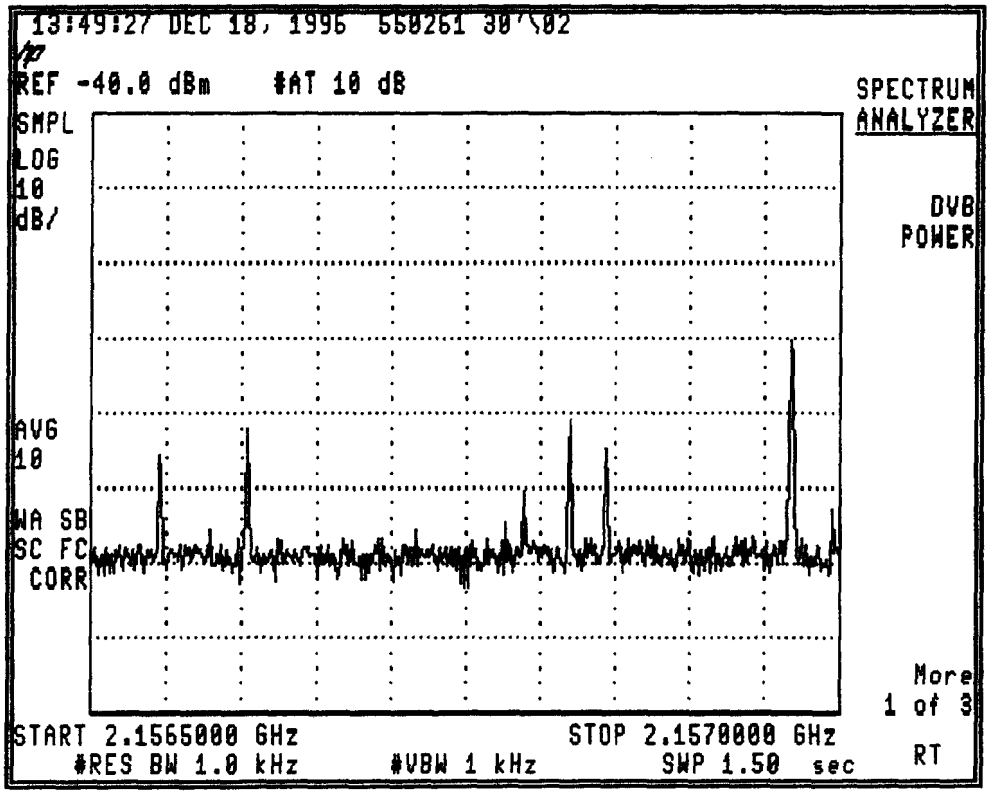
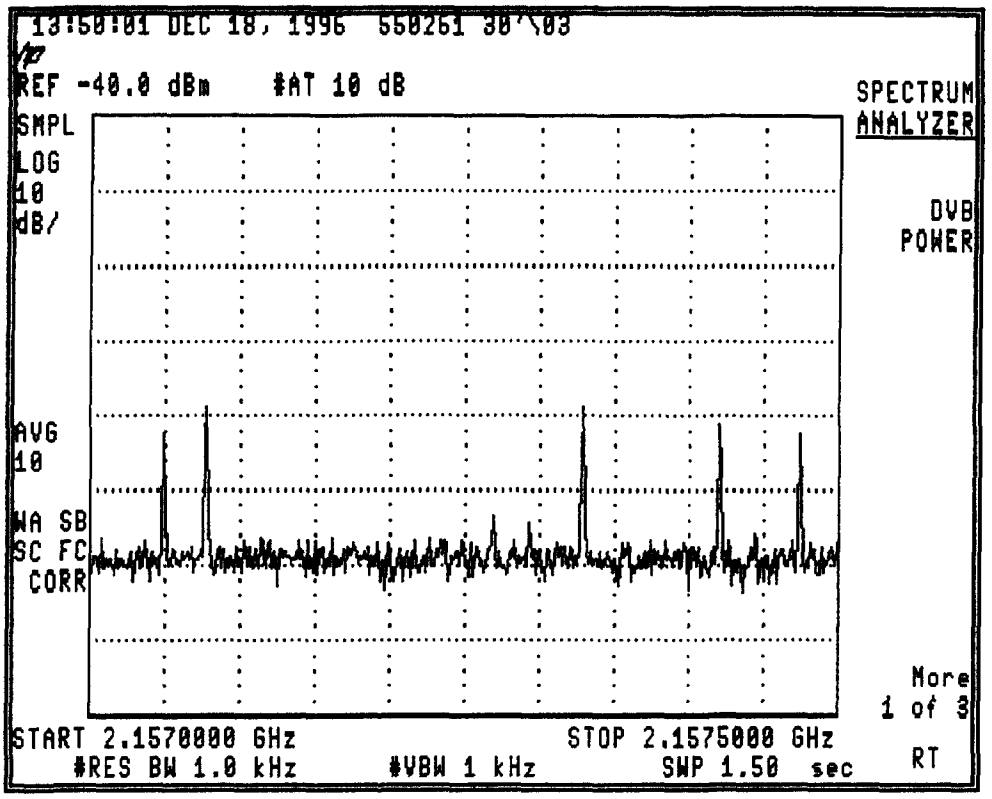
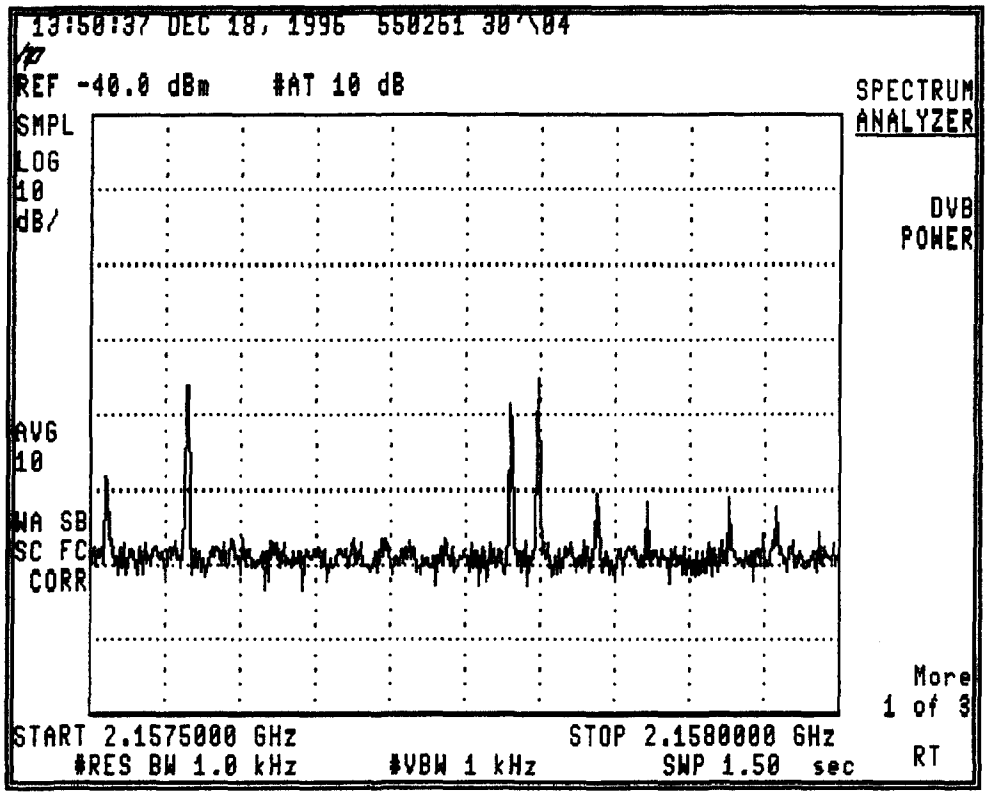
MAY 2 9 1997

Federal Communications Commission
Office of Secretary






13:50:01 DEC 18, 1996 550261 30'\03
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1570000 GHz
STOP 2.1575000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT


13:50:37 DEC 18, 1996 550261 30'\04
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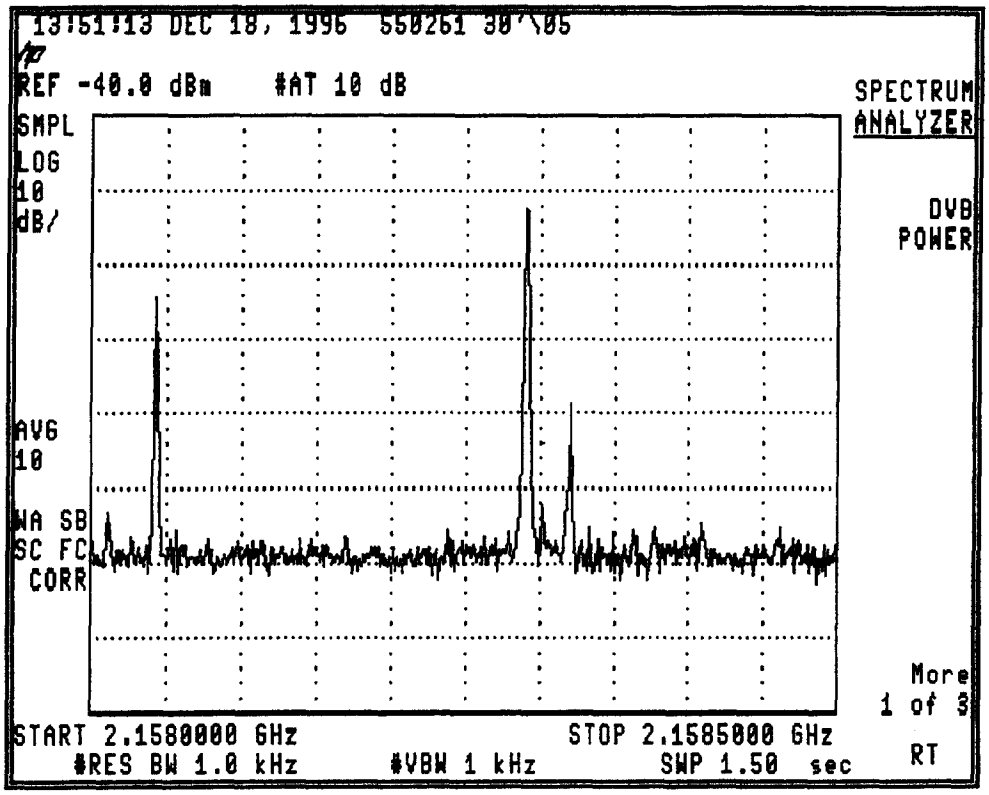
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1575000 GHz
STOP 2.1580000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT


13:51:13 DEC 18, 1996 550261 30'\05
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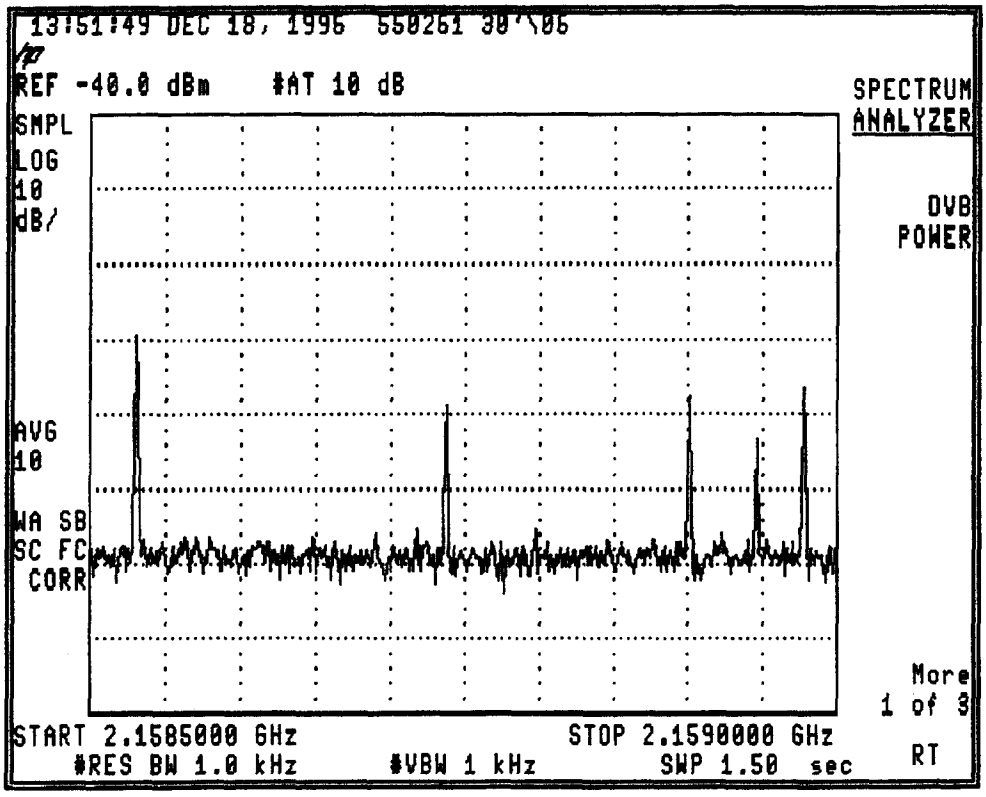
ANALYZER
SMPL
LOG
10
dB/
DVB
POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1580000 GHz
STOP 2.1585000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT


13:51:49 DEC 18, 1996 550261 30'\06
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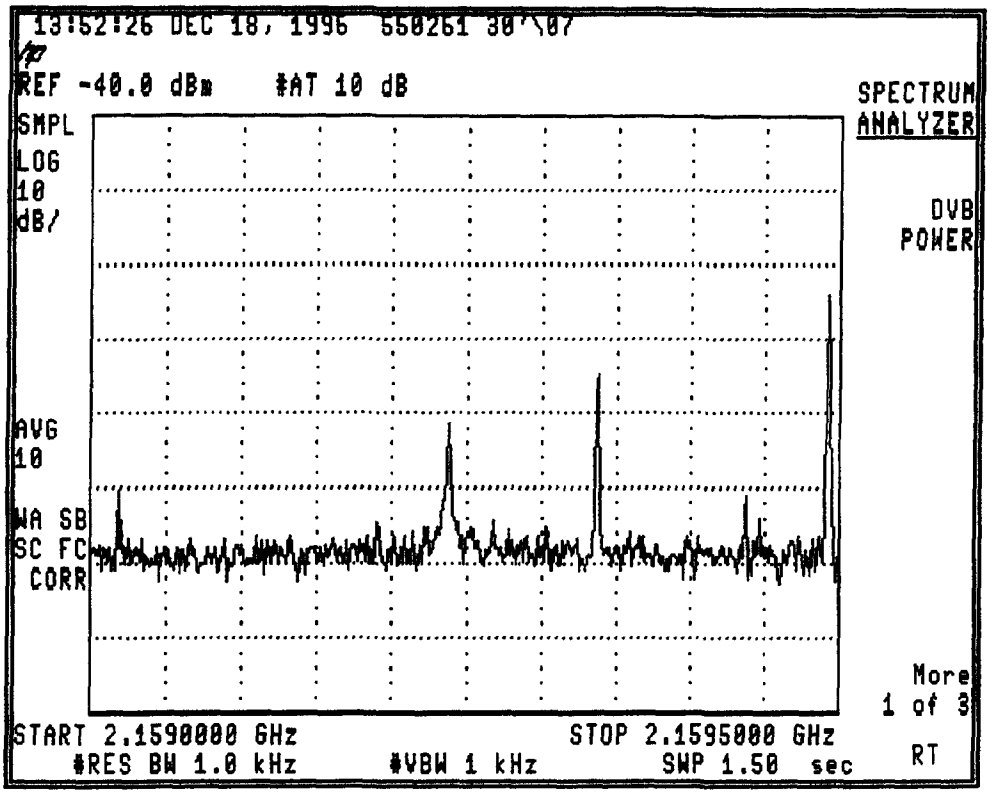
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
DVB
POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1585000 GHz
STOP 2.1590000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT


13:52:26 DEC 18, 1996 550261 30'\07
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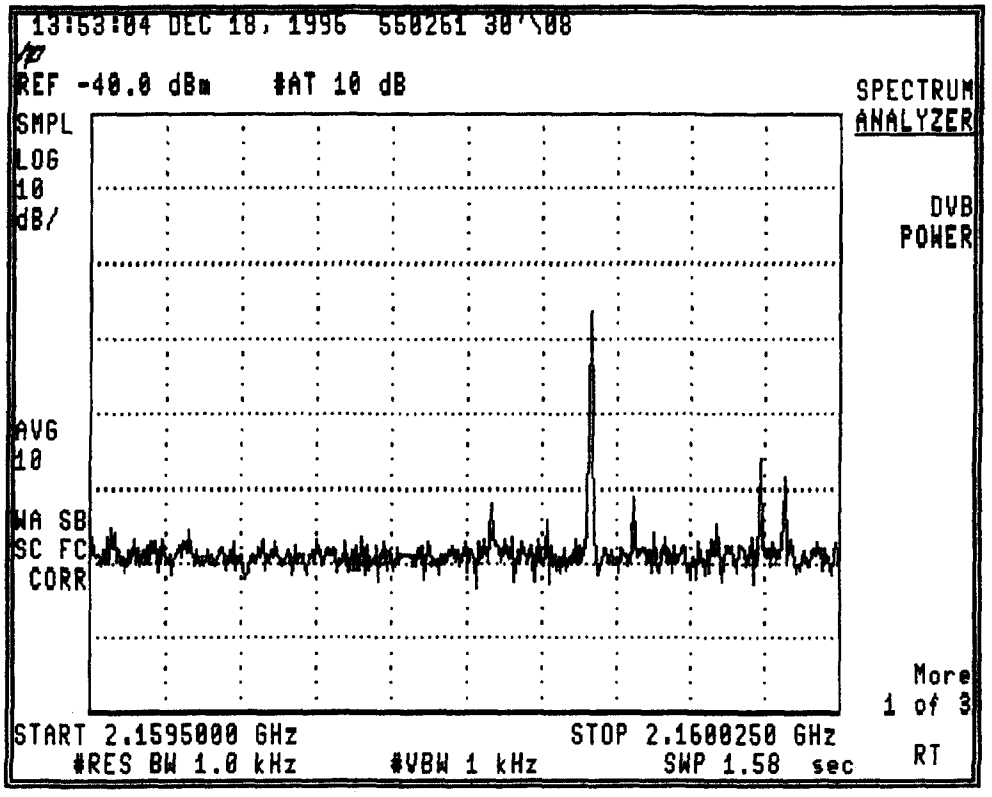
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1590000 GHz
STOP 2.1595000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT


13:53:04 DEC 18, 1996 550261 30'\08
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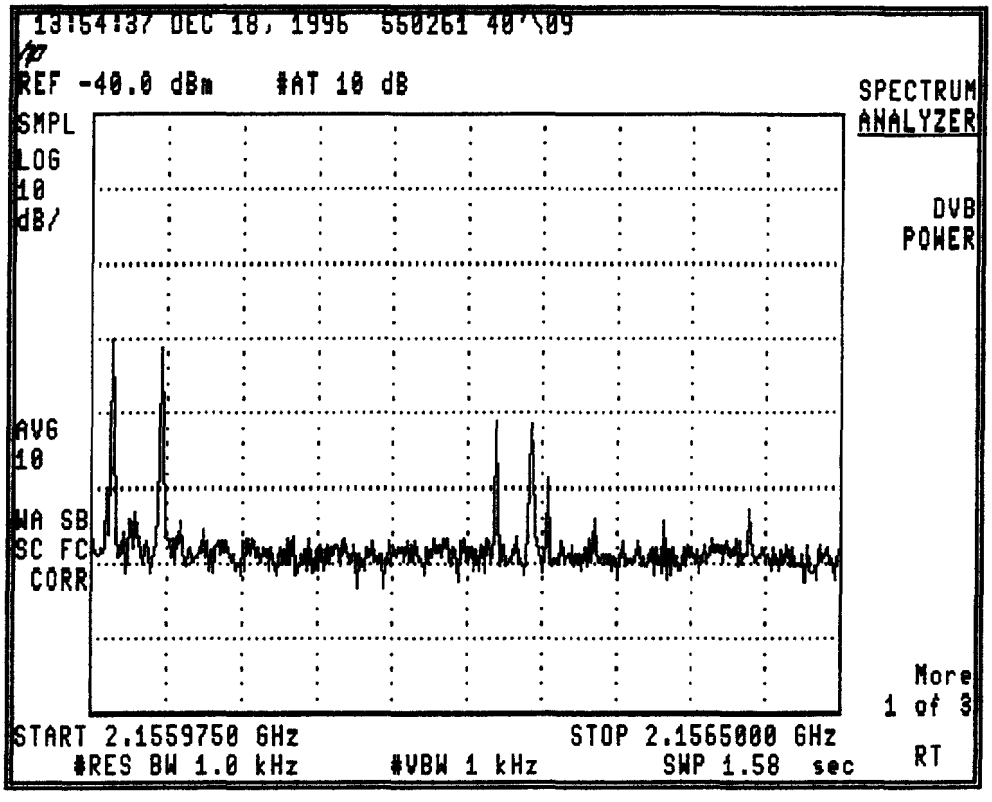
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1595000 GHz
STOP 2.1600250 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.58 sec
RT


13:54:37 DEC 18, 1996 550261 40'\09
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SPECTRUM ANALYZER
SMPL
LOG
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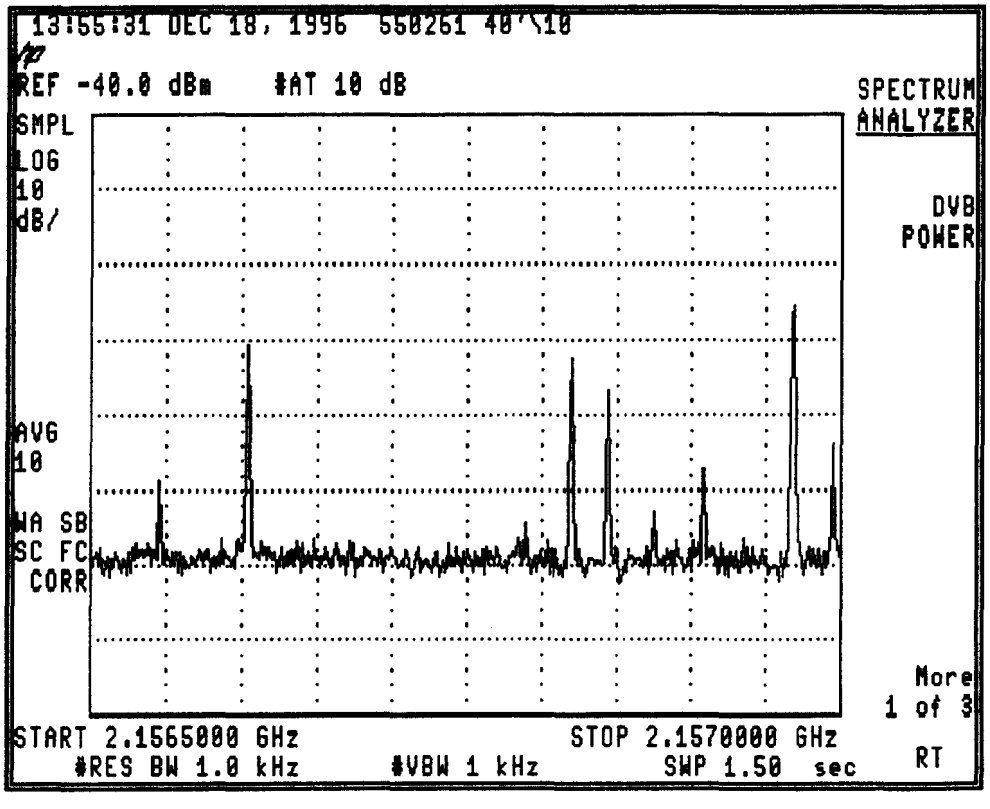
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1559750 GHz
STOP 2.1565000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.58 sec
RT


13:55:31 DEC 18, 1996 550261 40'\10
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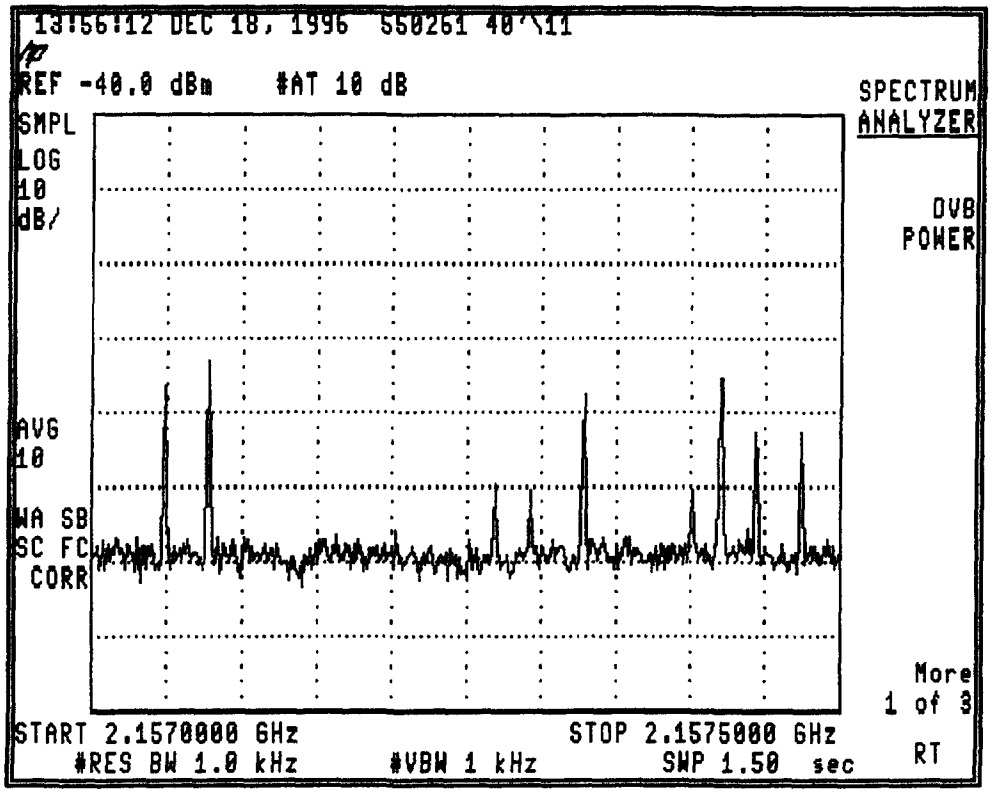
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1565000 GHz
STOP 2.1570000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT


13:56:12 DEC 18, 1996 550261 40'\11
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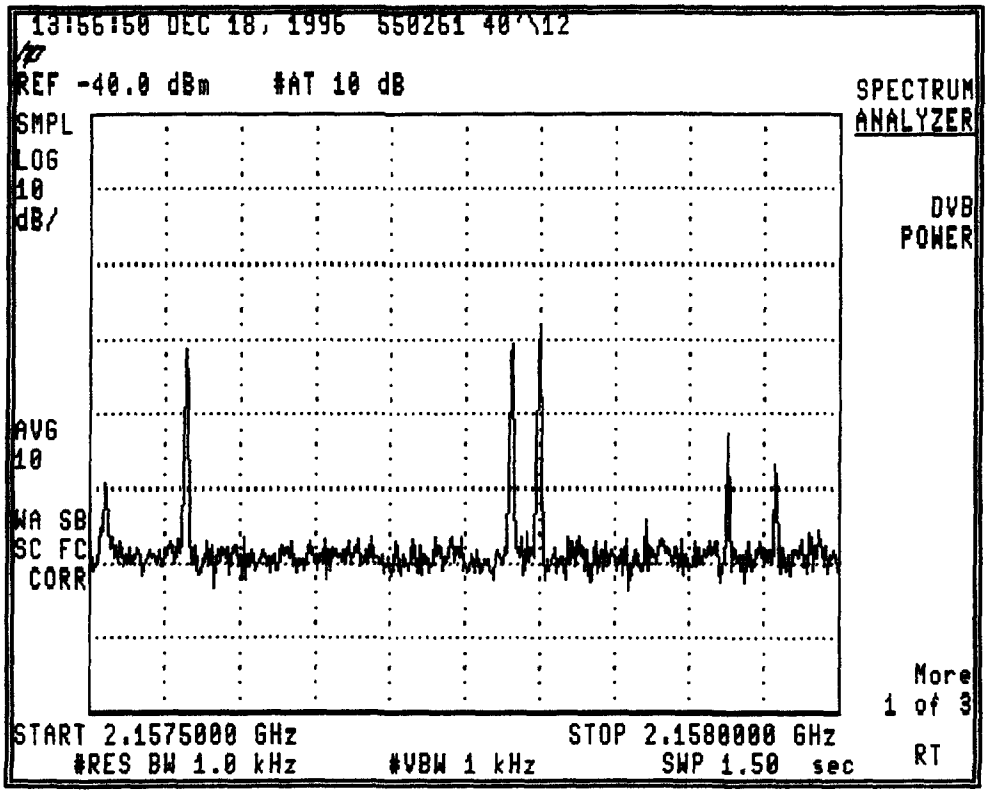
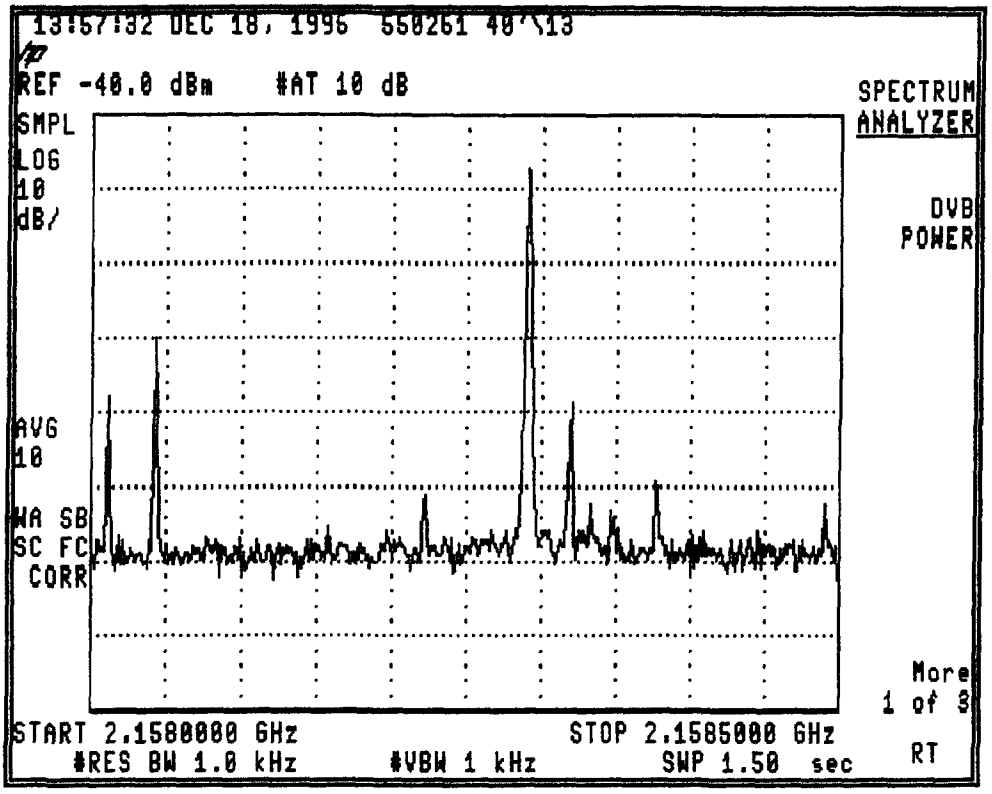
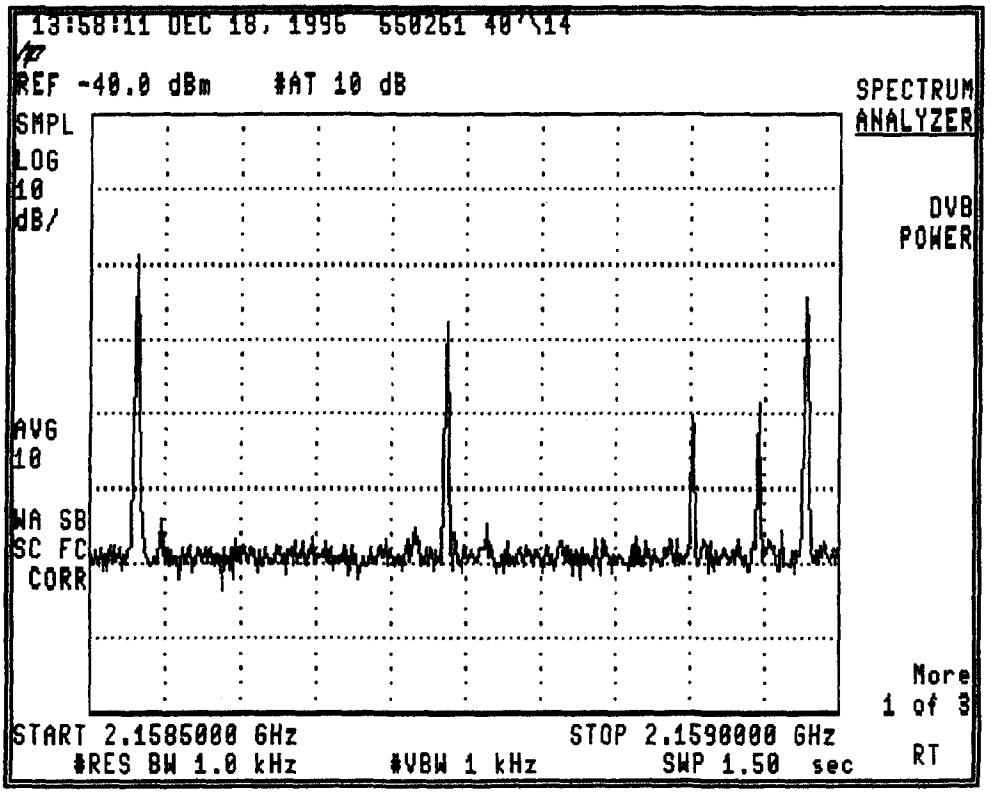
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1570000 GHz
STOP 2.1575000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT


13:56:50 DEC 18, 1996 550261 40'\12
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1575000 GHz
STOP 2.1580000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT


13:57:32 DEC 18, 1996 550261 40'\13
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1580000 GHz
STOP 2.1585000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT


13:58:11 DEC 18, 1996 550261 40'\14
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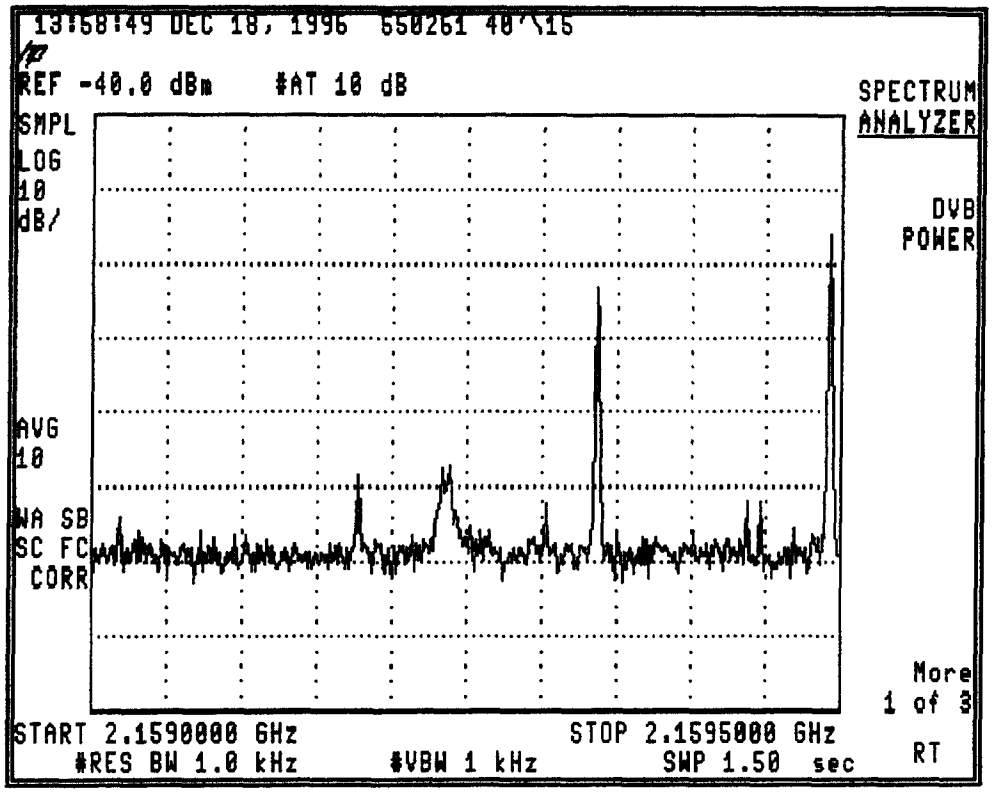
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1585000 GHz
STOP 2.1590000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT


13:58:49 DEC 18, 1996 550261 40'\15
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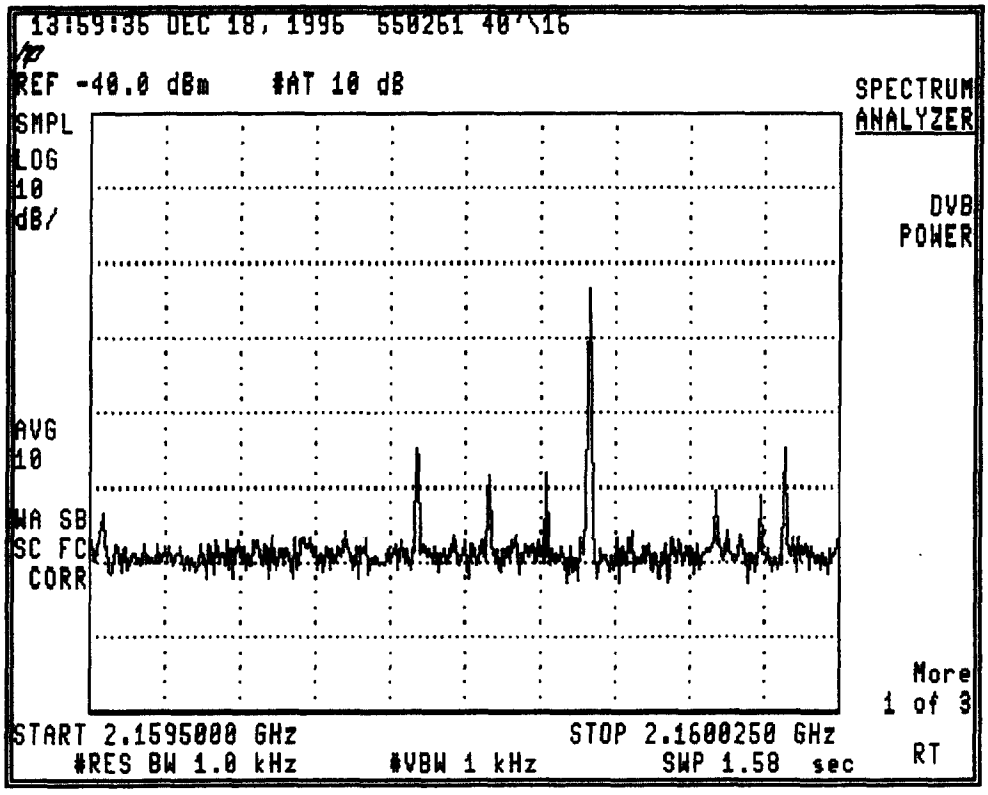
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
DVB
POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1590000 GHz
STOP 2.1595000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT


13:59:36 DEC 18, 1996 550261 40'\16
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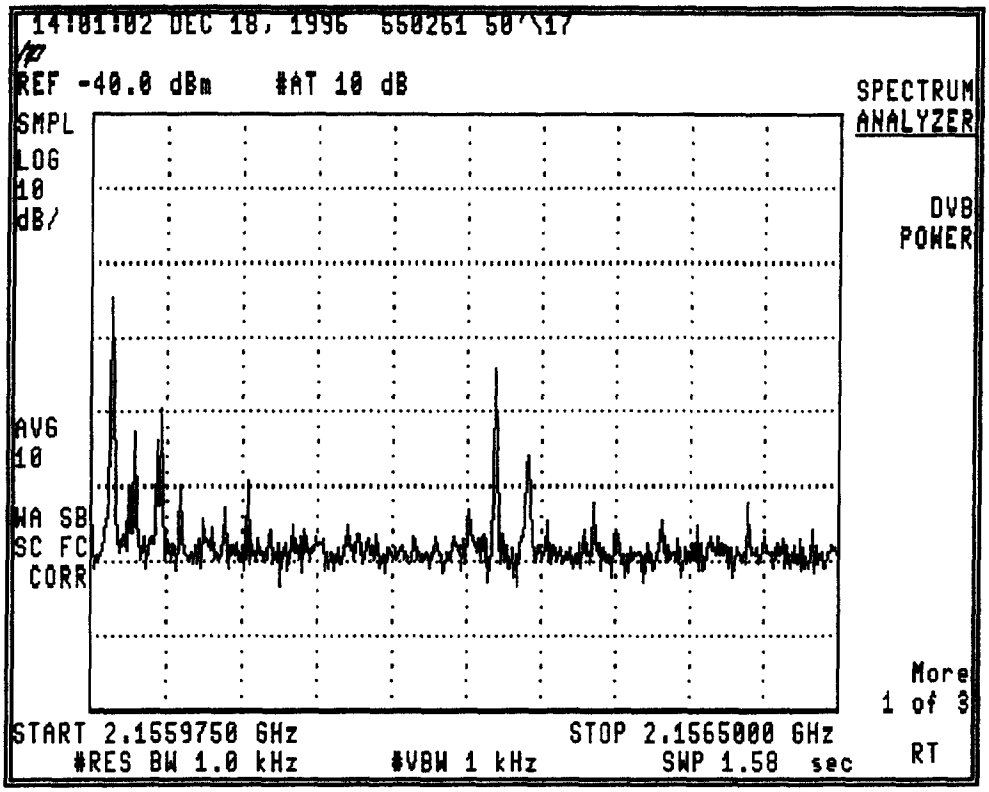
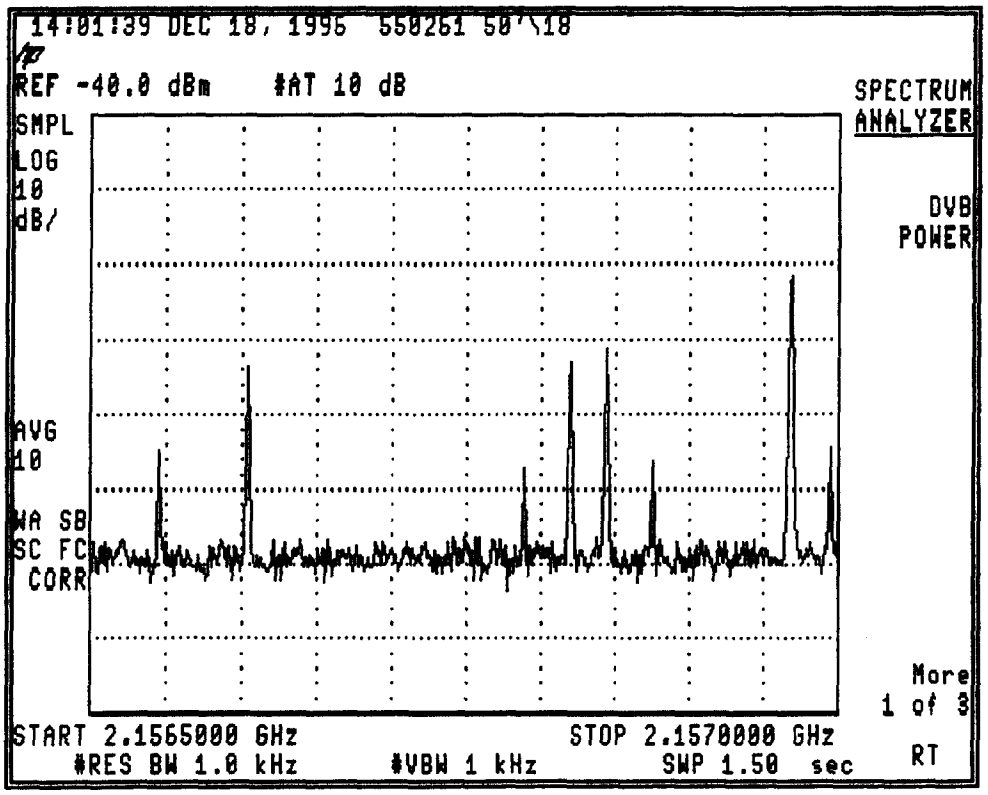
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
DVB
POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1595000 GHz
STOP 2.1600250 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.58 sec
RT


14:01:02 DEC 18, 1996 550261 50'\17
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1559750 GHz
STOP 2.1565000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.58 sec
RT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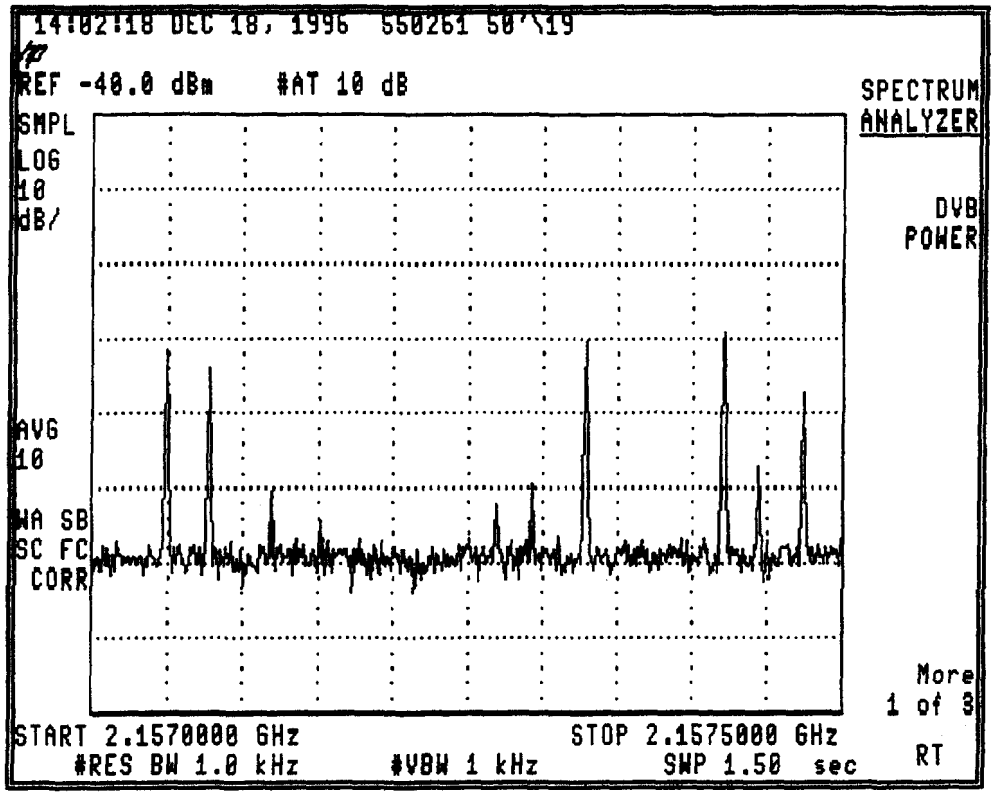
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1565000 GHz
STOP 2.1570000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT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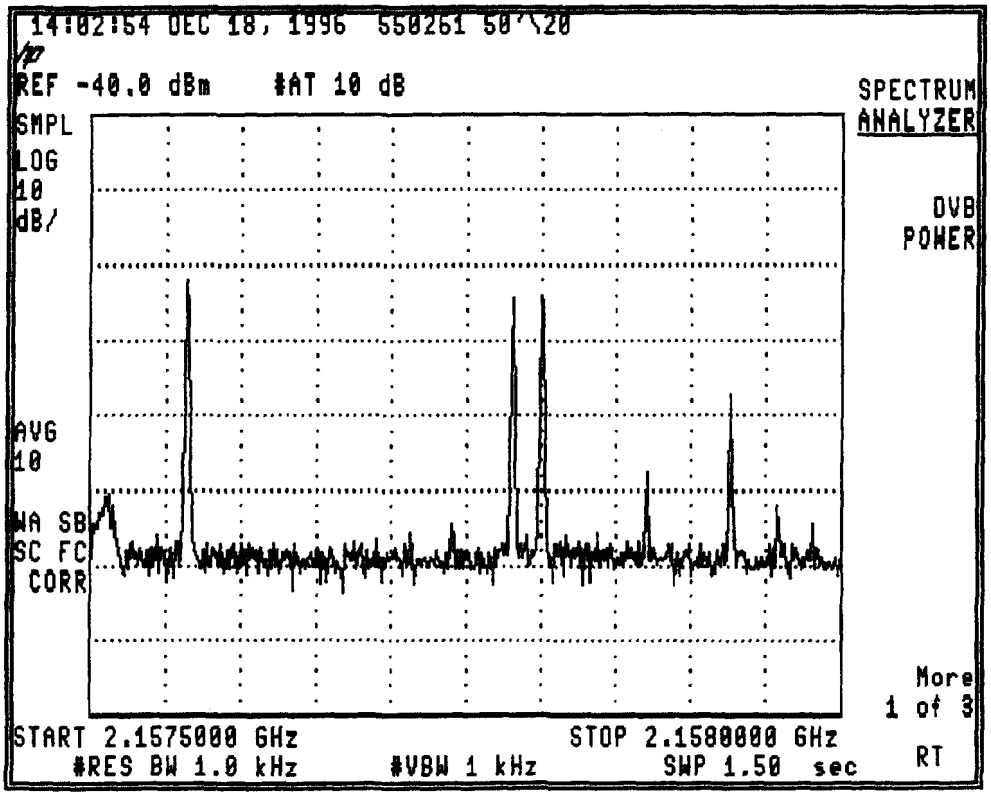
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1570000 GHz
STOP 2.1575000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT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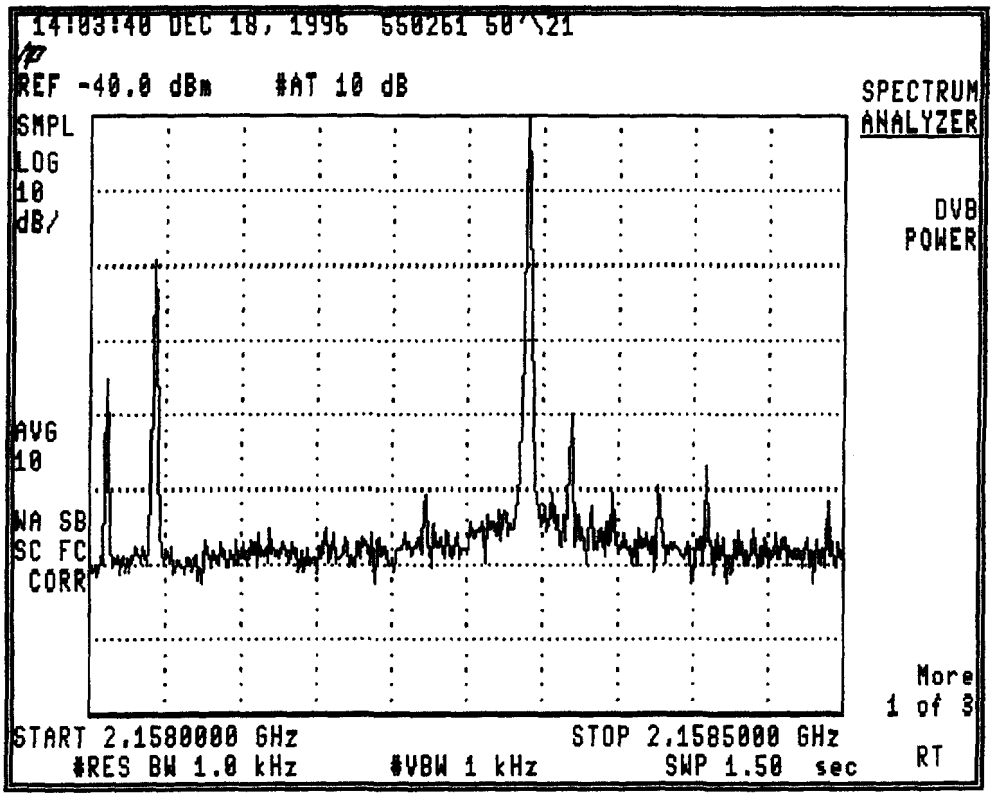
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1575000 GHz
STOP 2.1580000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT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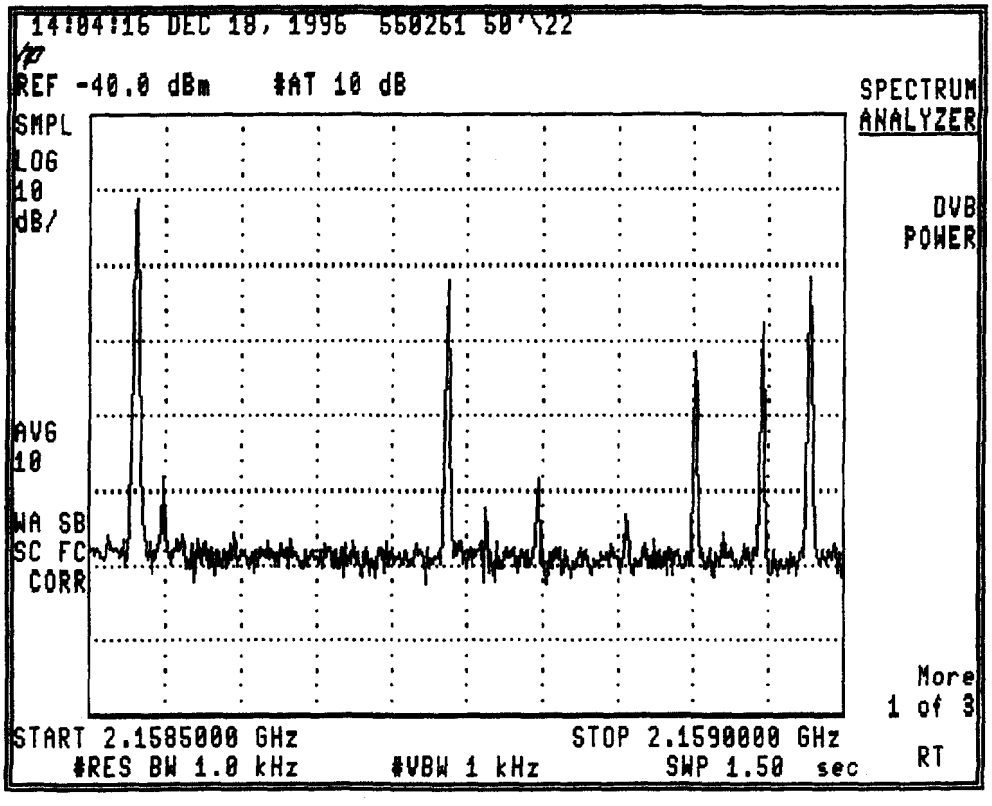
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1580000 GHz
STOP 2.1585000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT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SMPL
LOG
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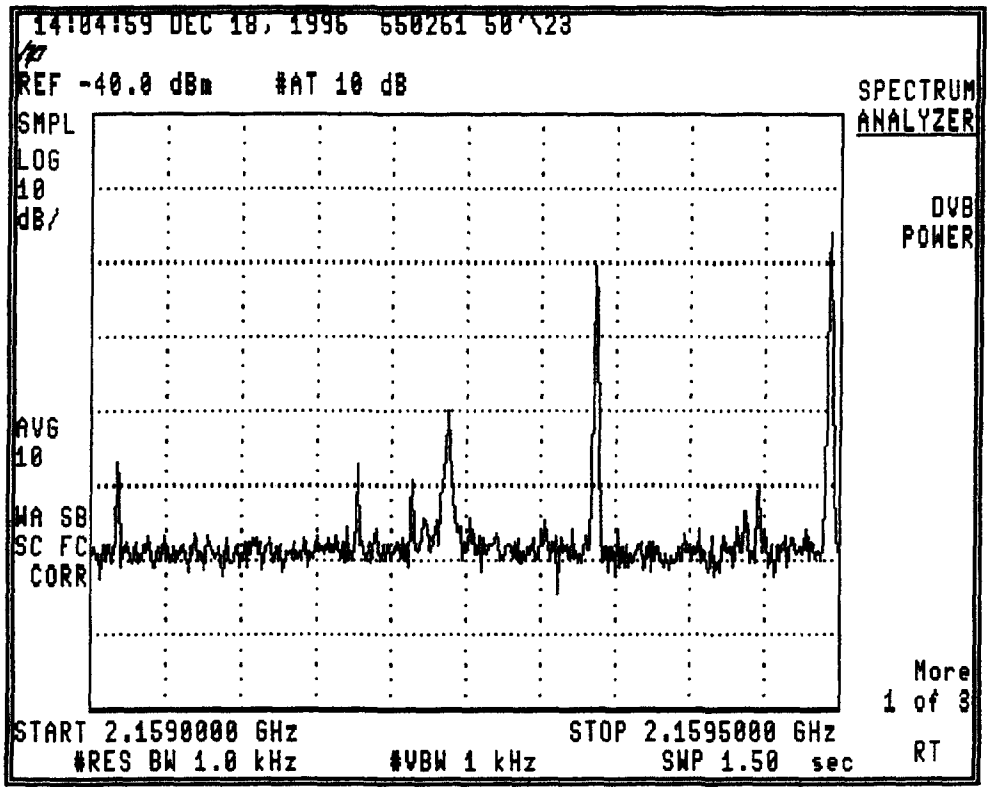
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1585000 GHz
STOP 2.1590000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT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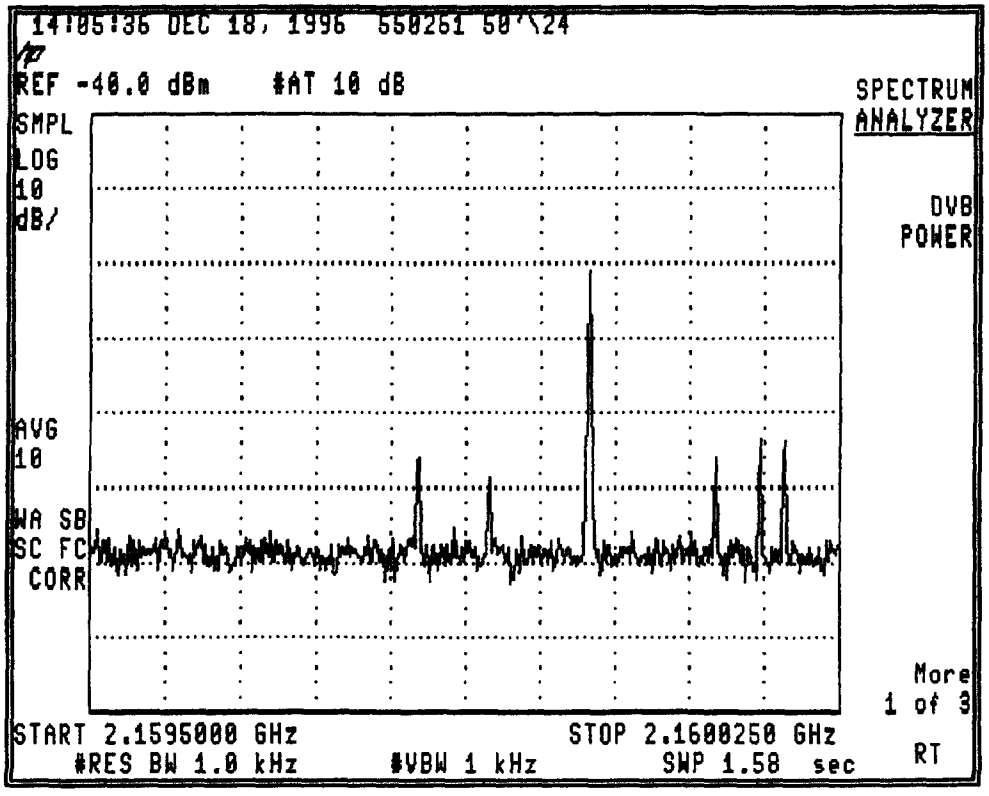
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1590000 GHz
STOP 2.1595000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT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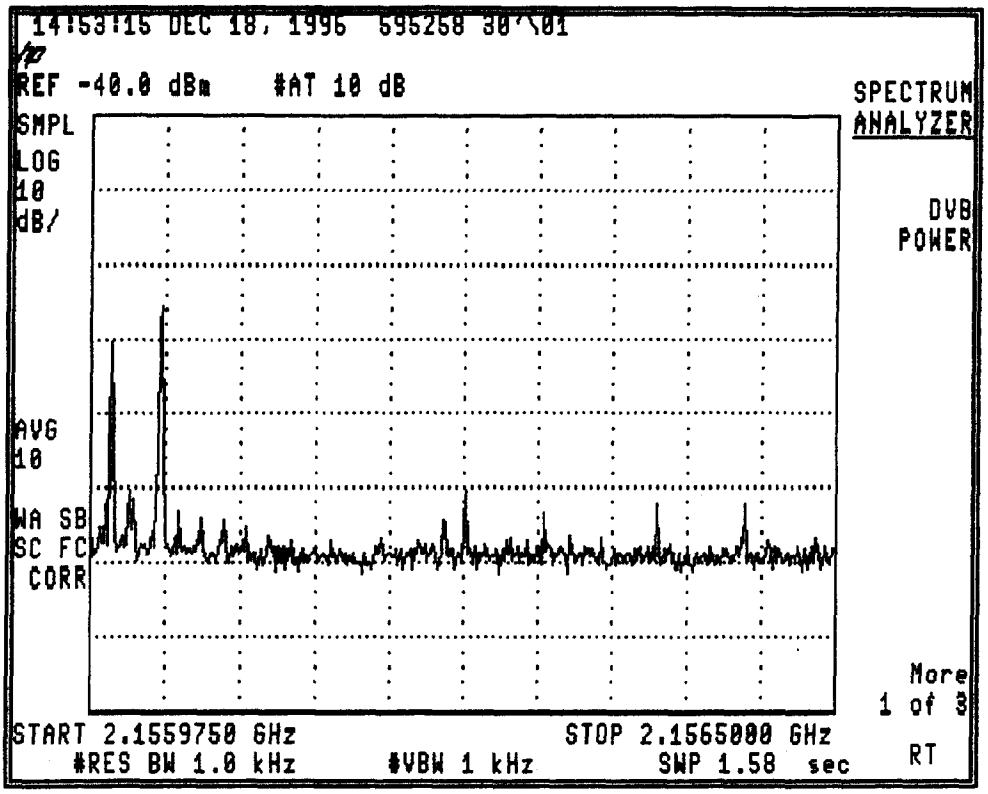
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1595000 GHz
STOP 2.1600250 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.58 sec
RT

SITE 107


14:53:15 DEC 18, 1996 595258 30'\01
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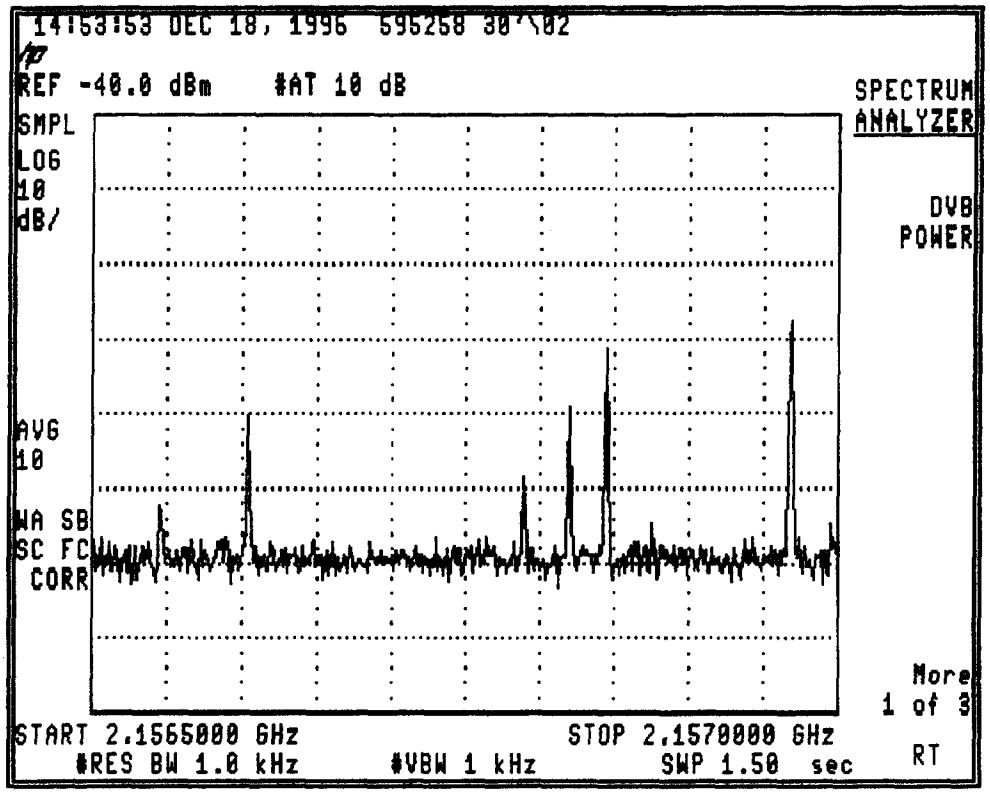
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1559750 GHz
STOP 2.1565000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.58 sec
RT


14:53:53 DEC 18, 1996 595258 30'\02
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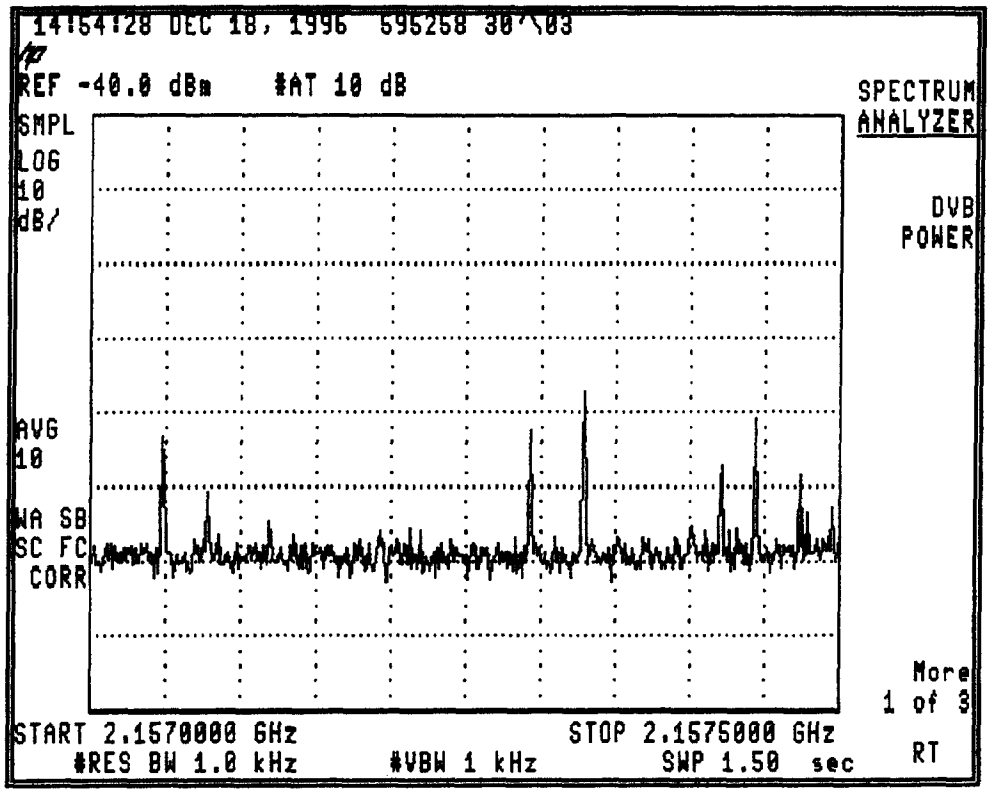
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1565000 GHz
STOP 2.1570000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT


14:54:28 DEC 18, 1996 595258 30'\03
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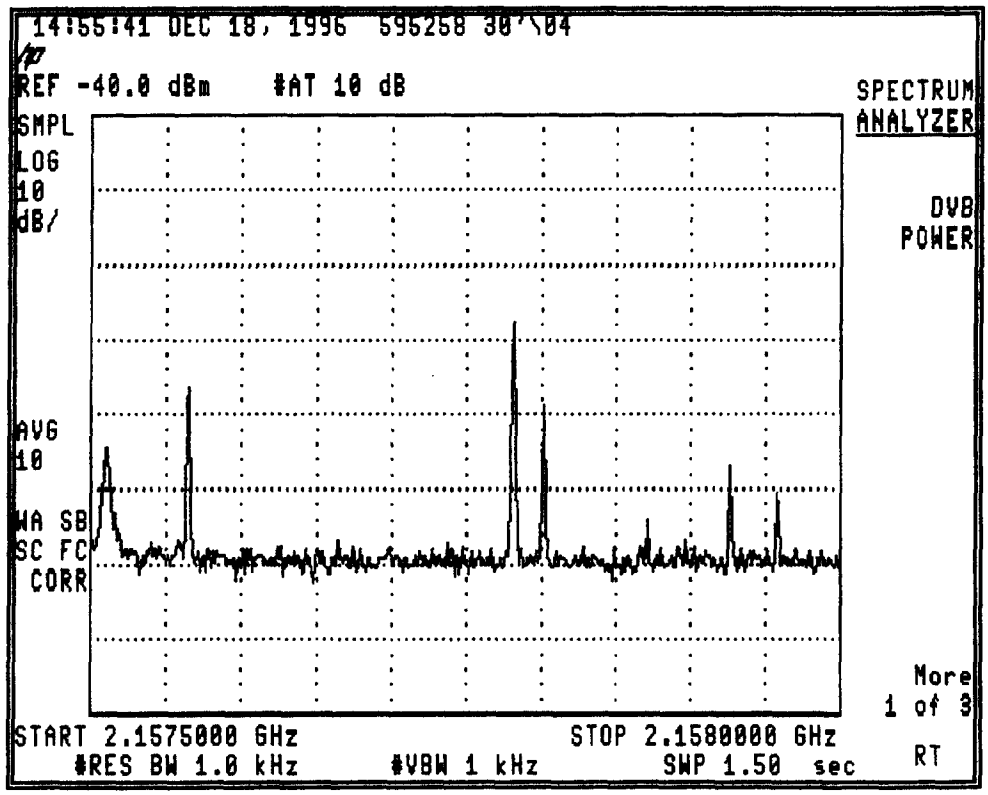
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1570000 GHz
STOP 2.1575000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT


14:55:41 DEC 18, 1996 595258 30'\04
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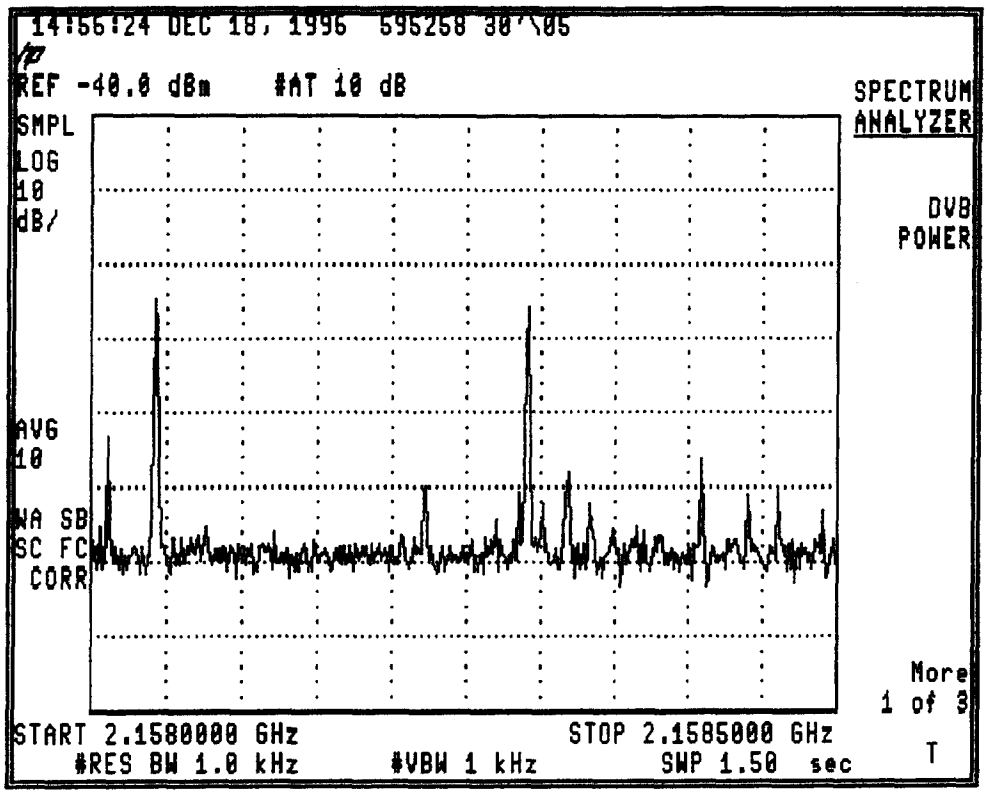
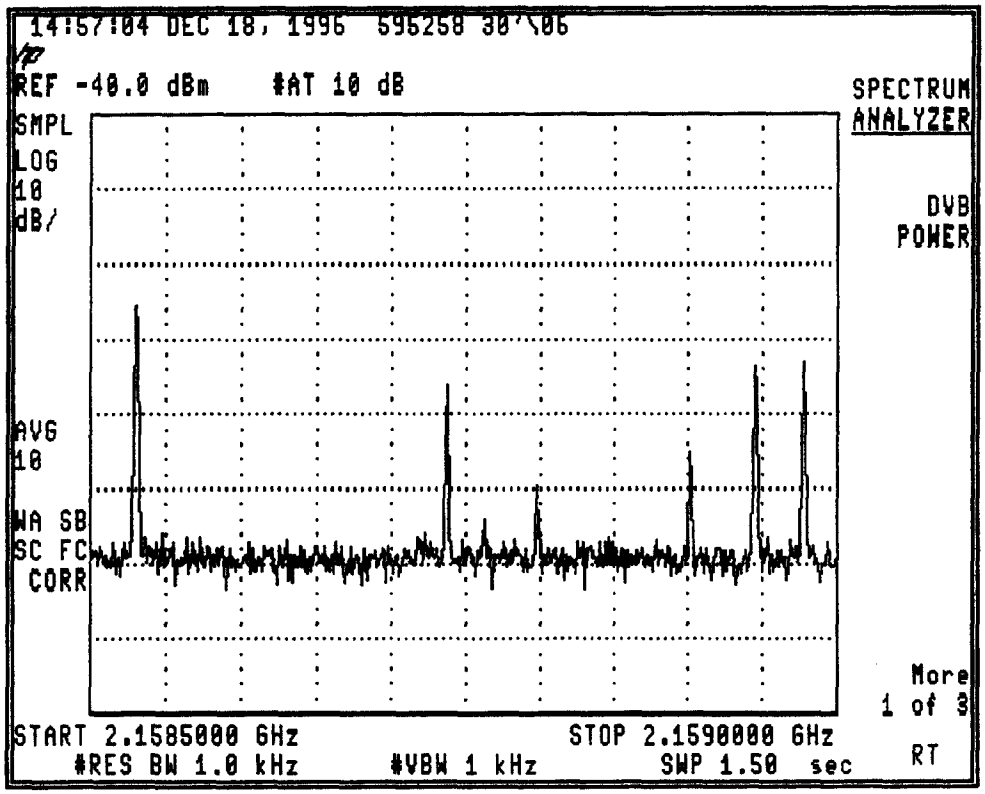
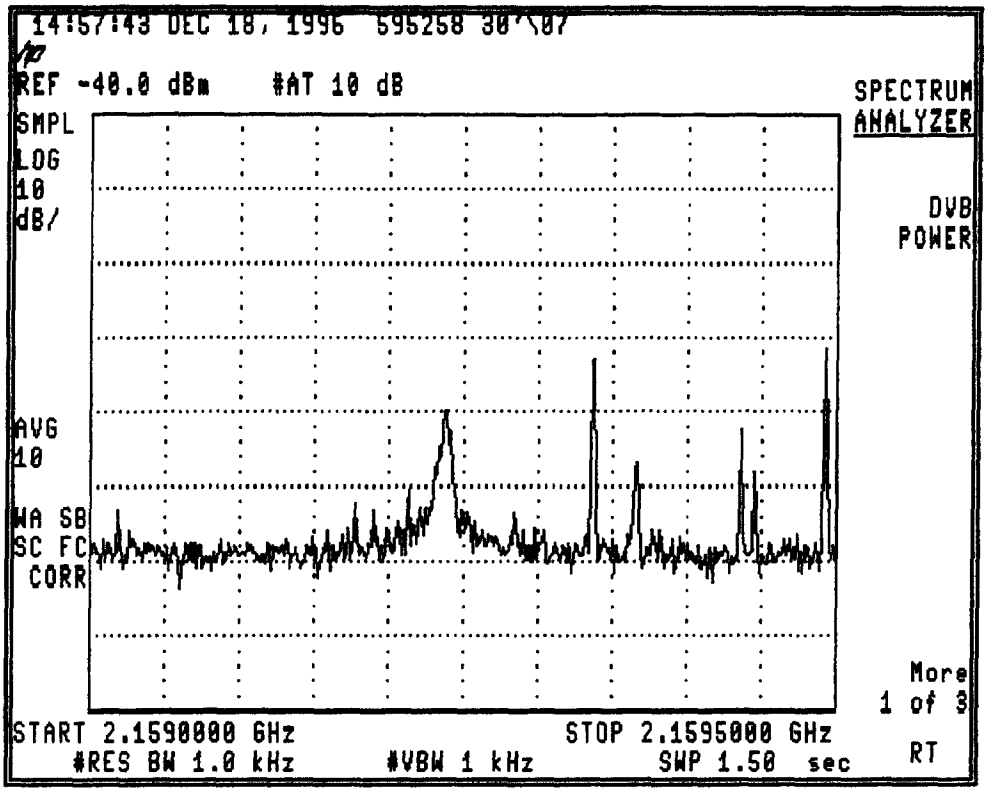
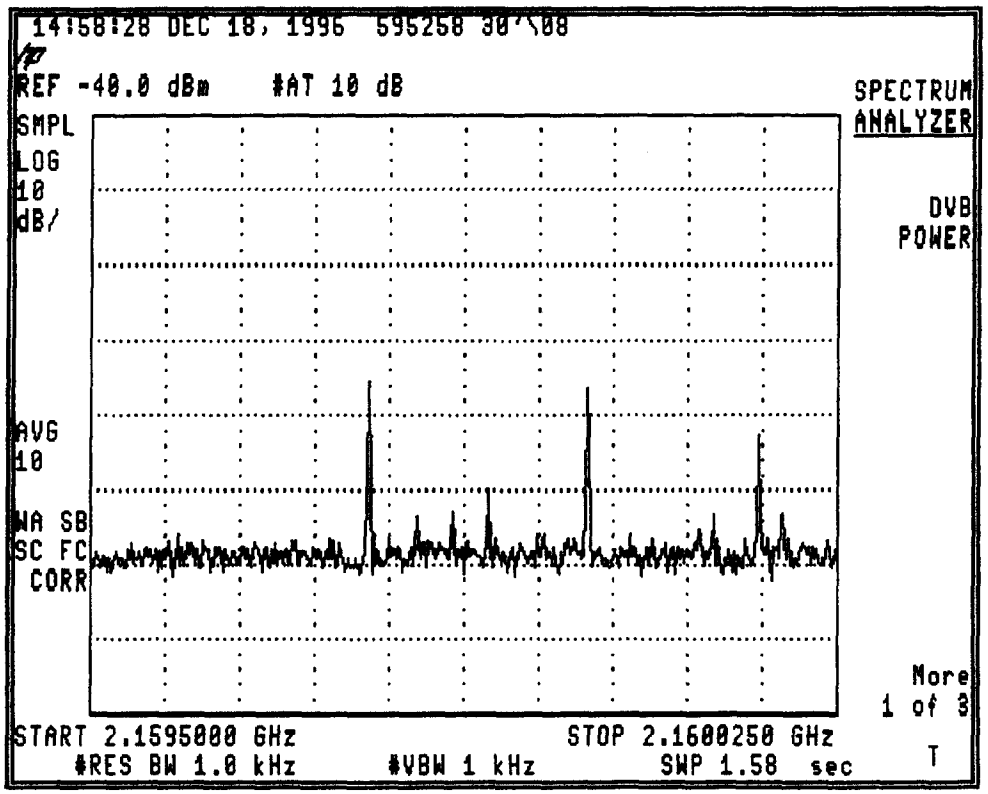
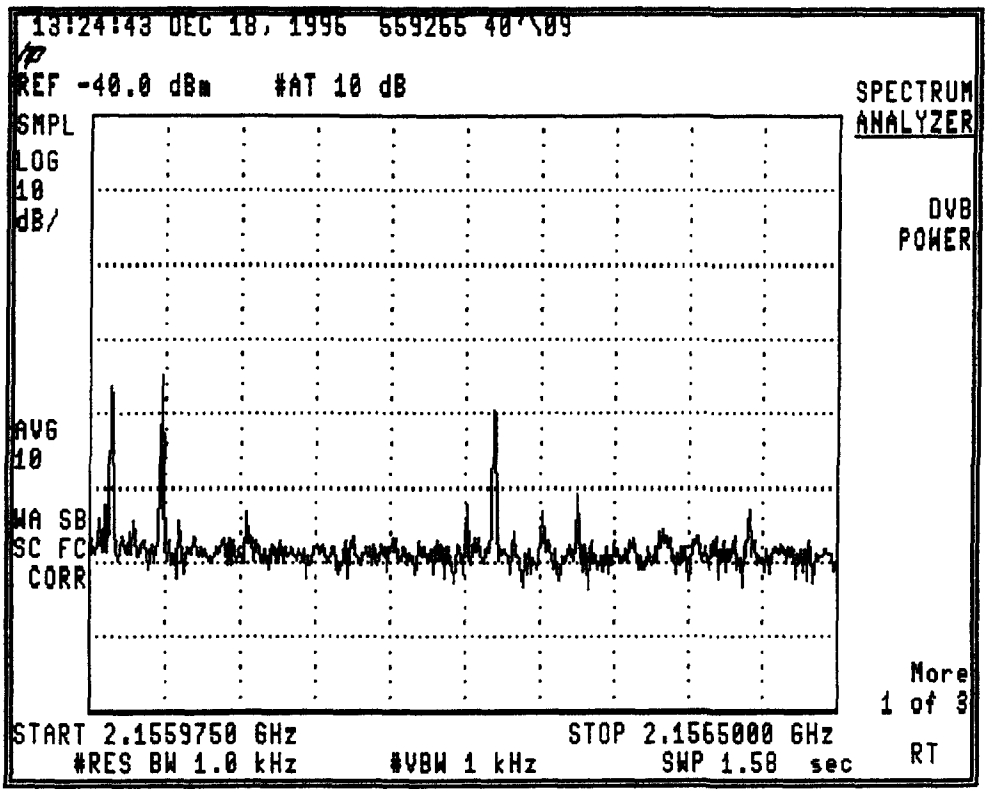
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1575000 GHz
STOP 2.1580000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

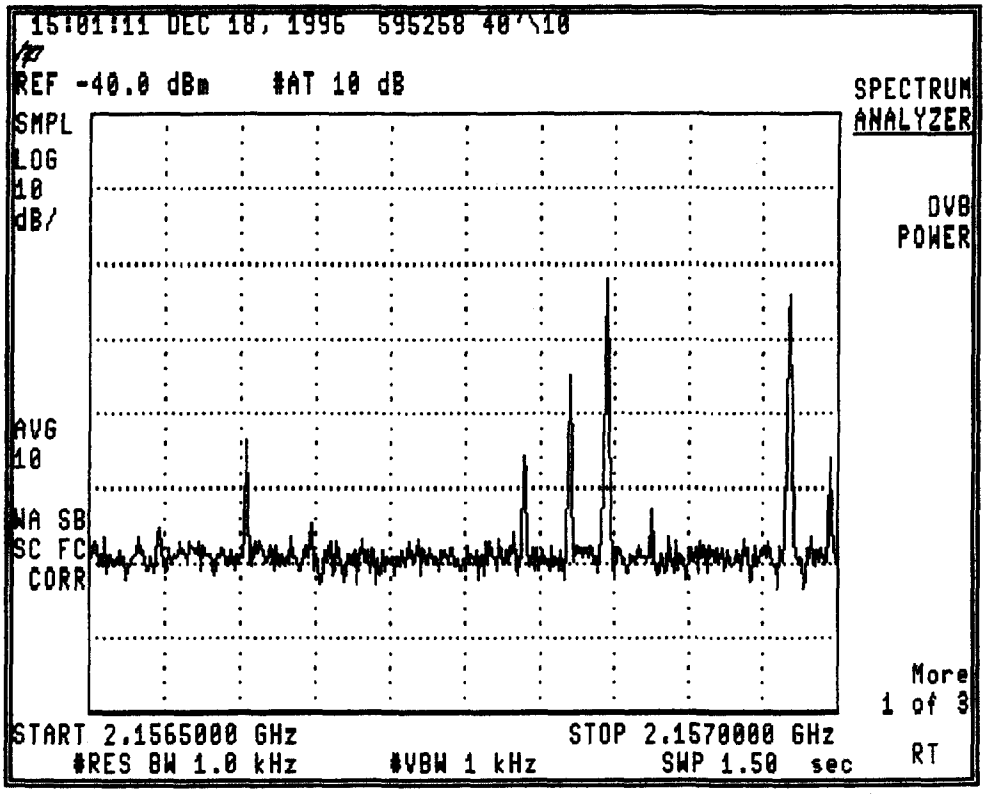

14:56:24 DEC 18, 1996 595258 30'\06
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1580000 GHz
STOP 2.1585000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
T

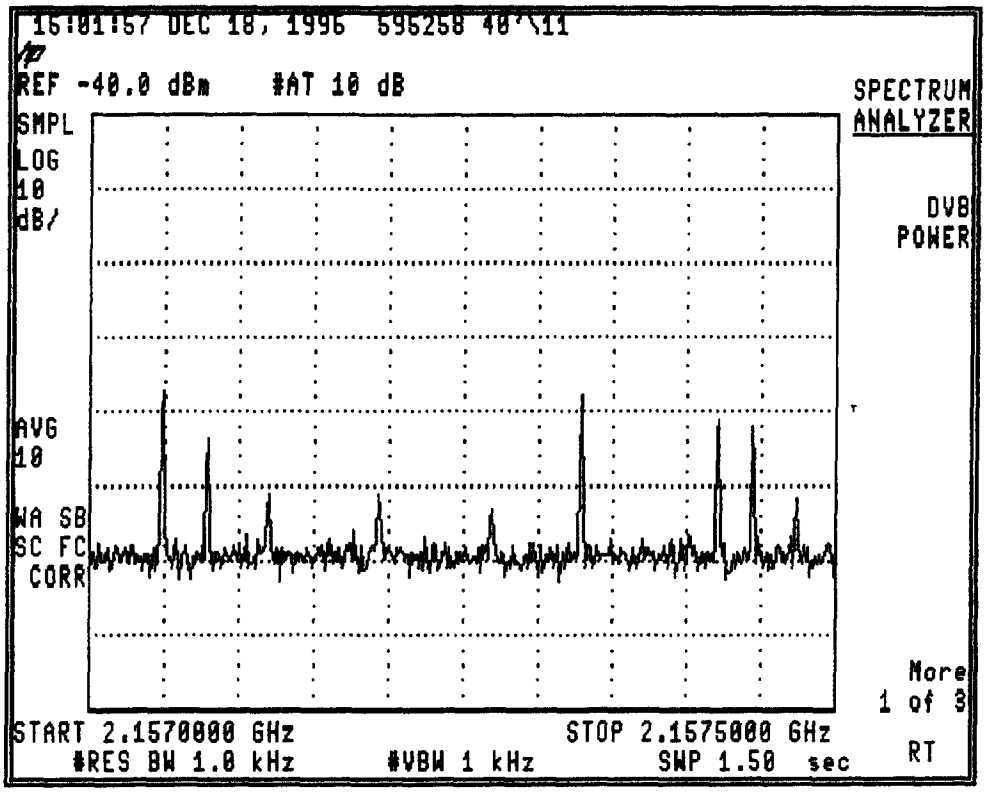

14:57:04 DEC 18, 1996 595258 30'\06
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1585000 GHz
STOP 2.1590000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

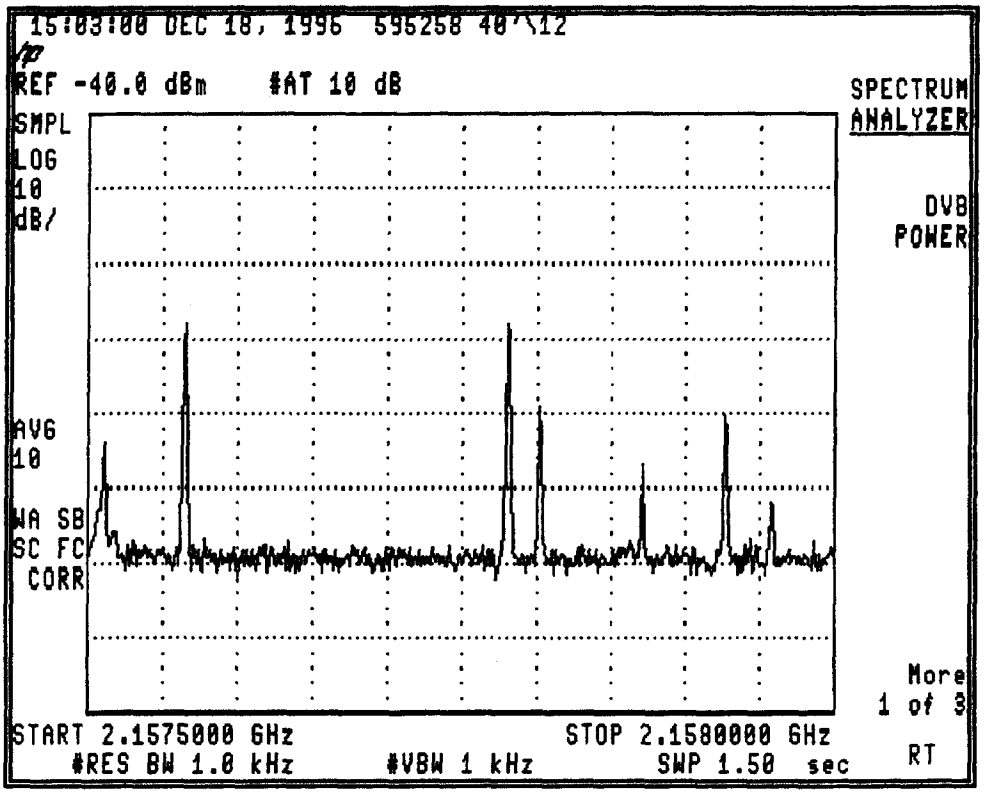

14:57:43 DEC 18, 1996 595258 30'\07
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1590000 GHz
STOP 2.1595000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

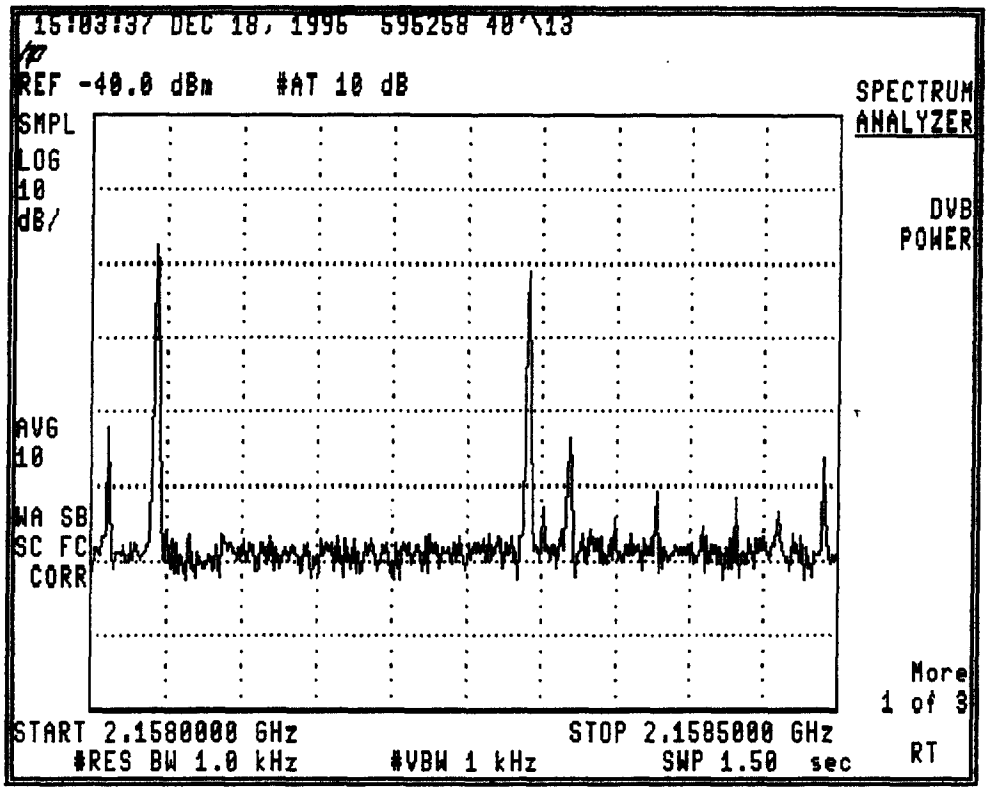

14:58:28 DEC 18, 1996 595258 30'\08
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1595000 GHz
STOP 2.1600250 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.58 sec
T

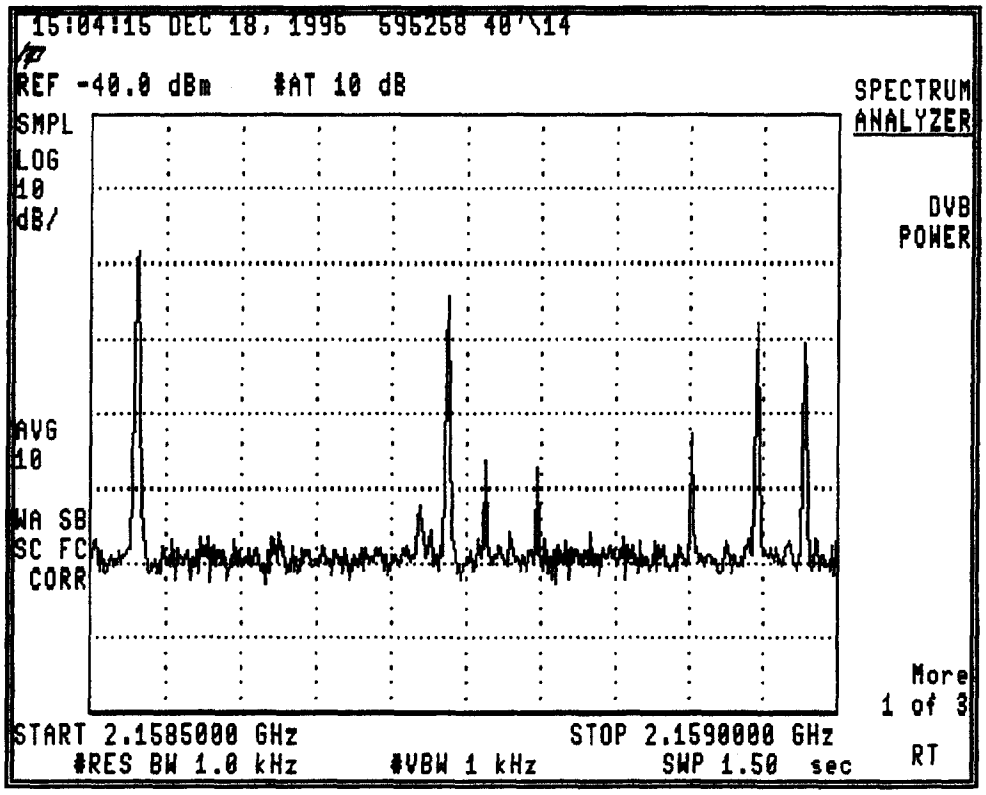

13:24:43 DEC 18, 1996 559265 40'\09
REF -40.0 dBm #AT 10 dB
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
DVB
POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1559750 GHz
STOP 2.1565000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.58 sec
RT

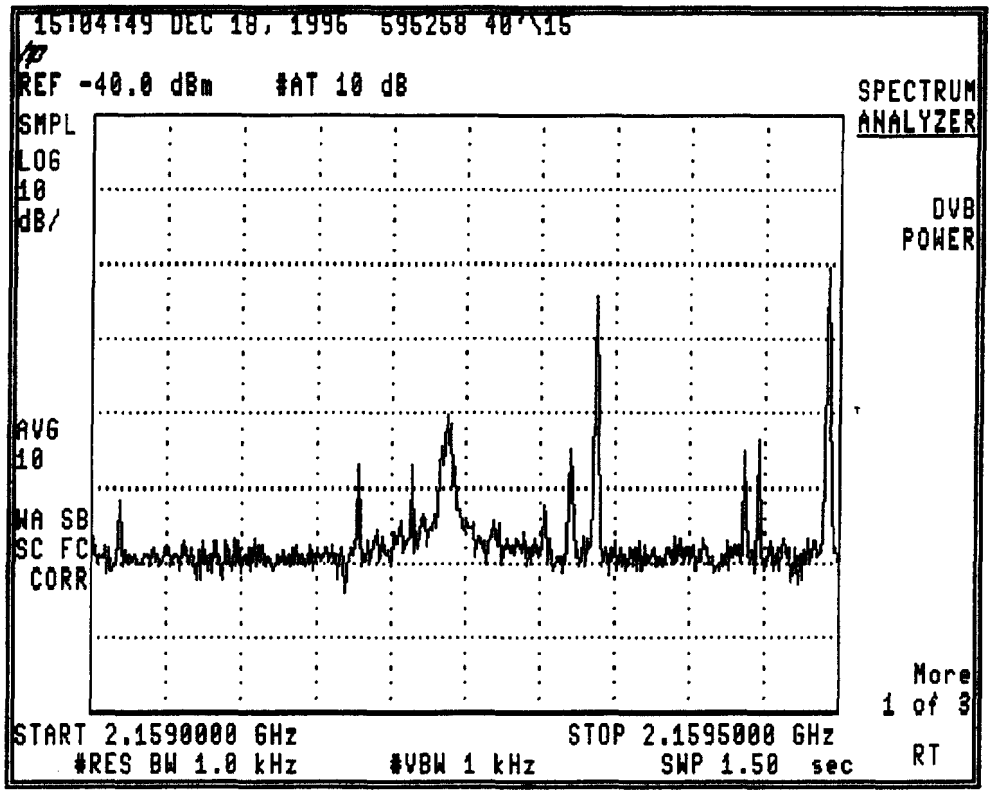

15:01:11 DEC 18, 1996 595258 40'\10
REF -40.0 dBm #AT 10 dB
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
DVB
POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1565000 GHz
STOP 2.1570000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

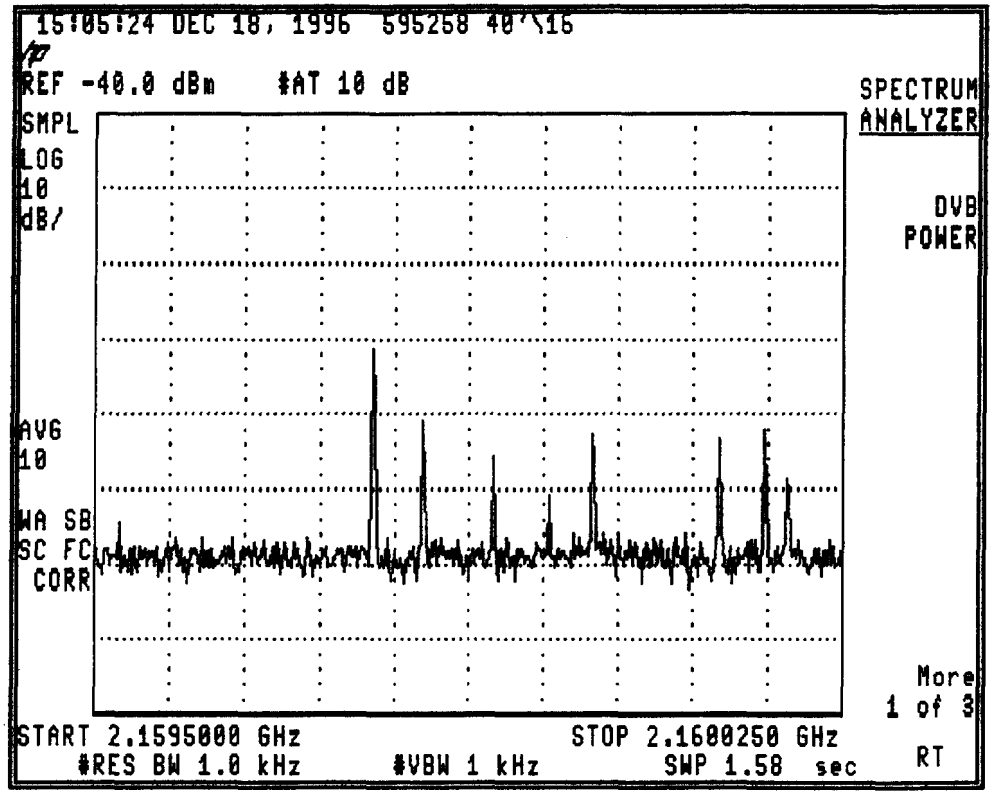

15:01:57 DEC 18, 1996 596258 40'\11
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1570000 GHz
STOP 2.1575000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

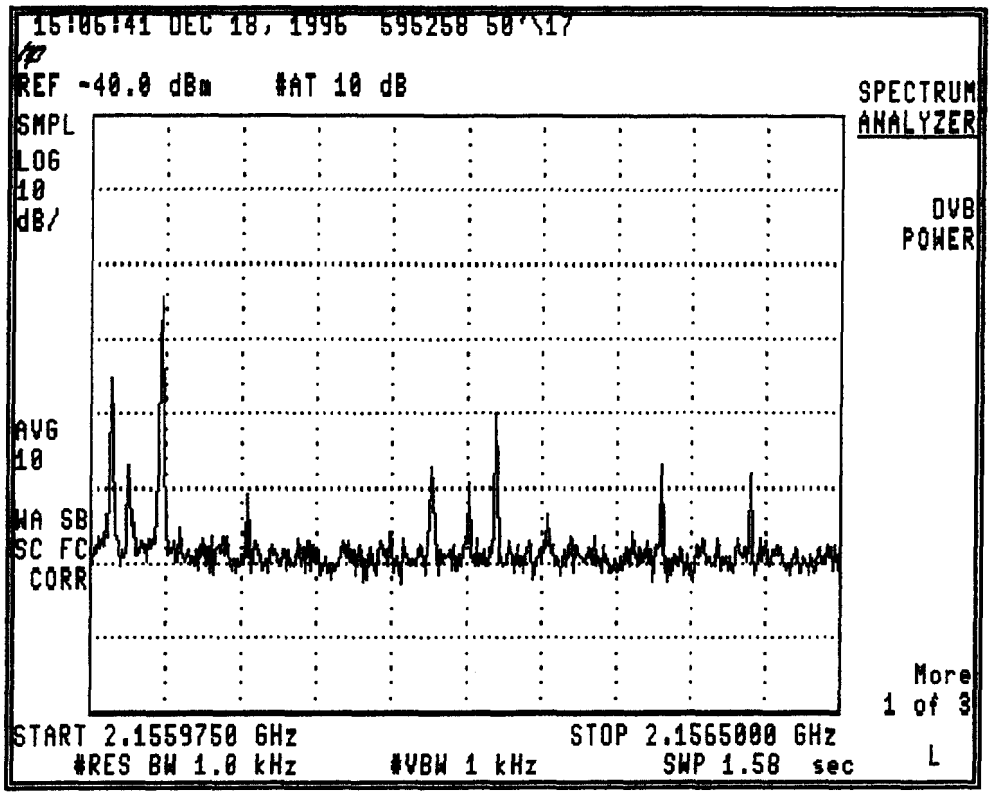

15:03:00 DEC 18, 1996 596258 40'\12
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1575000 GHz
STOP 2.1580000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

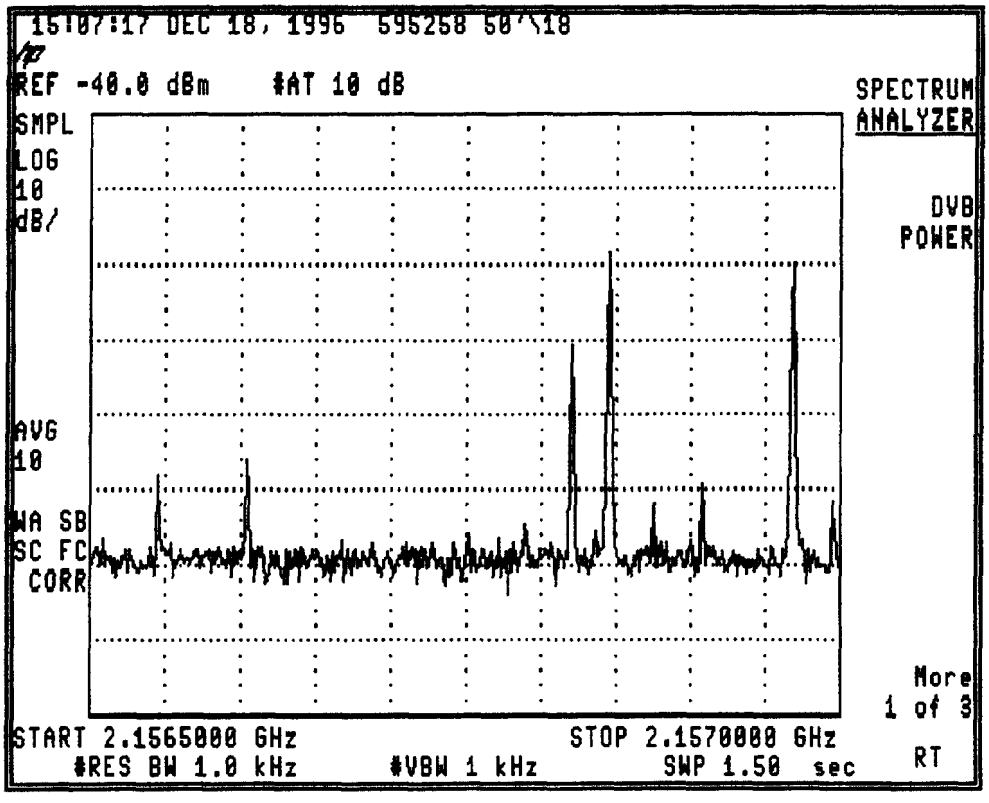

15:03:37 DEC 18, 1996 595258 40'\13
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1580000 GHz
STOP 2.1585000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

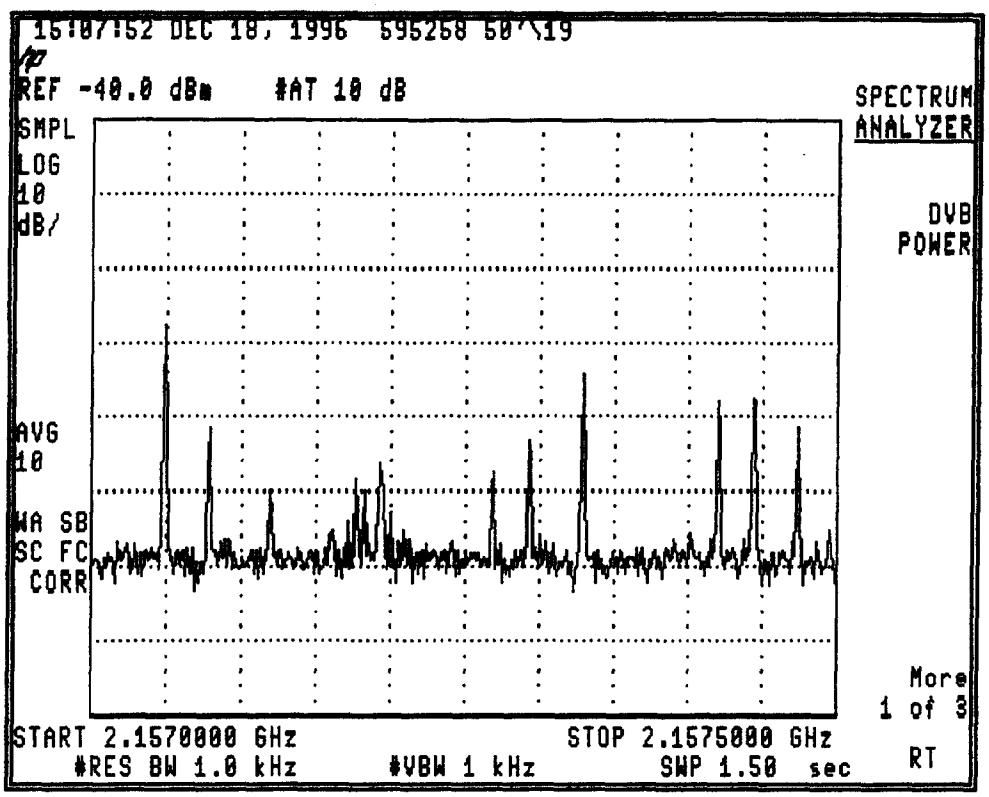

15:04:15 DEC 18, 1996 595258 40'\14
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1585000 GHz
STOP 2.1590000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

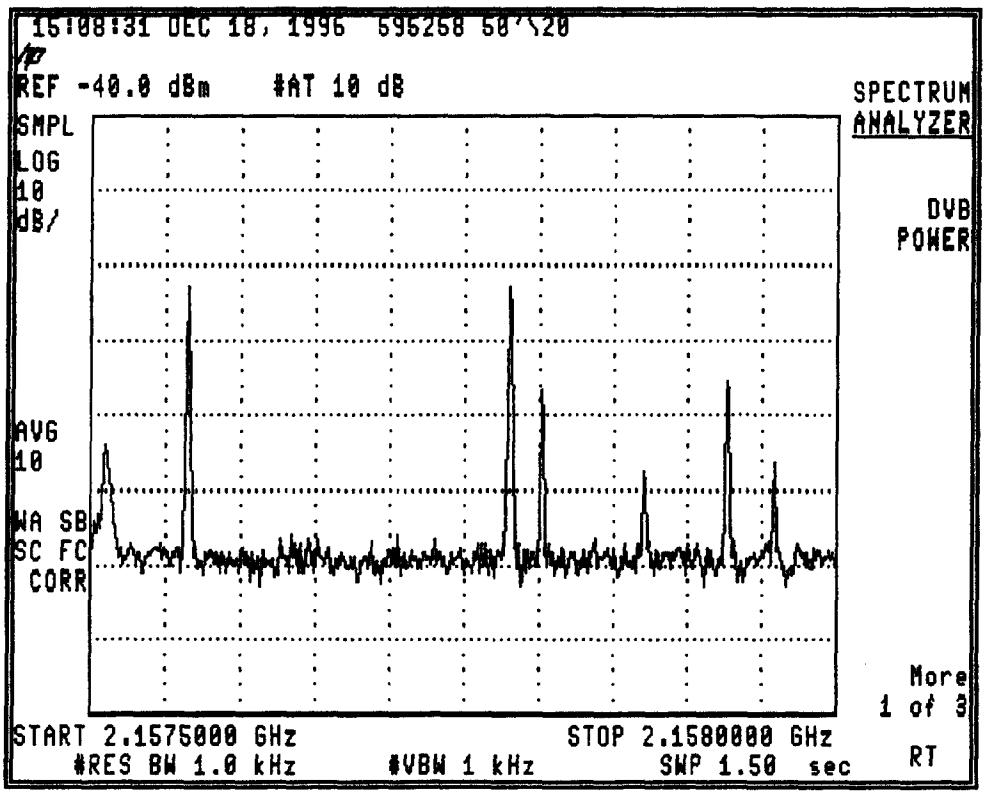

15:04:49 DEC 18, 1996 595258 40'\16
REF -40.0 dBm #AT 10 dB
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
DVB
POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1590000 GHz
STOP 2.1595000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT


15:05:24 DEC 18, 1996 595258 40'\16
REF -40.0 dBm #AT 10 dB
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
DVB
POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1595000 GHz
STOP 2.1600250 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.58 sec
RT


15:06:41 DEC 18, 1996 595258 50'\17
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1559750 GHz
STOP 2.1565000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.58 sec
L


15:07:17 DEC 18, 1996 595258 50'\18
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1565000 GHz
STOP 2.1570000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT


15:07:52 DEC 18, 1996 595258 50'\19
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1570000 GHz
STOP 2.1575000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT


15:08:31 DEC 18, 1996 595258 50'\20
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1575000 GHz
STOP 2.1580000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT