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TUCSON FIELD TEST DATA

VOLUME VI

24 dBi Antenna

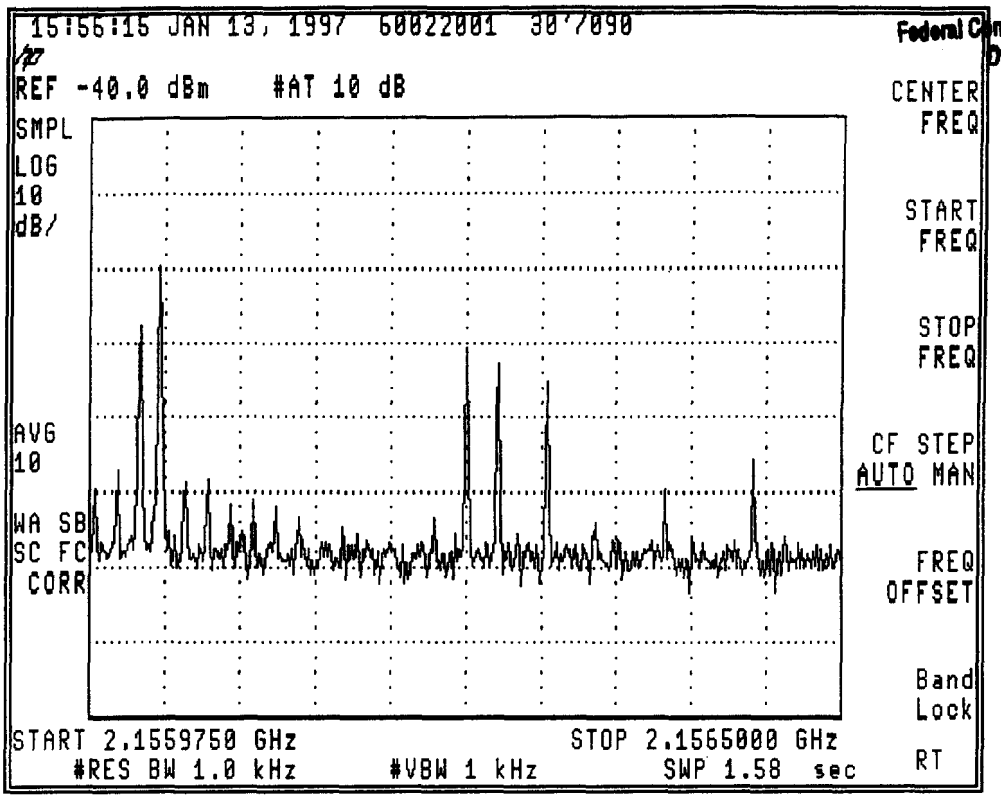
Sites 90 - 125

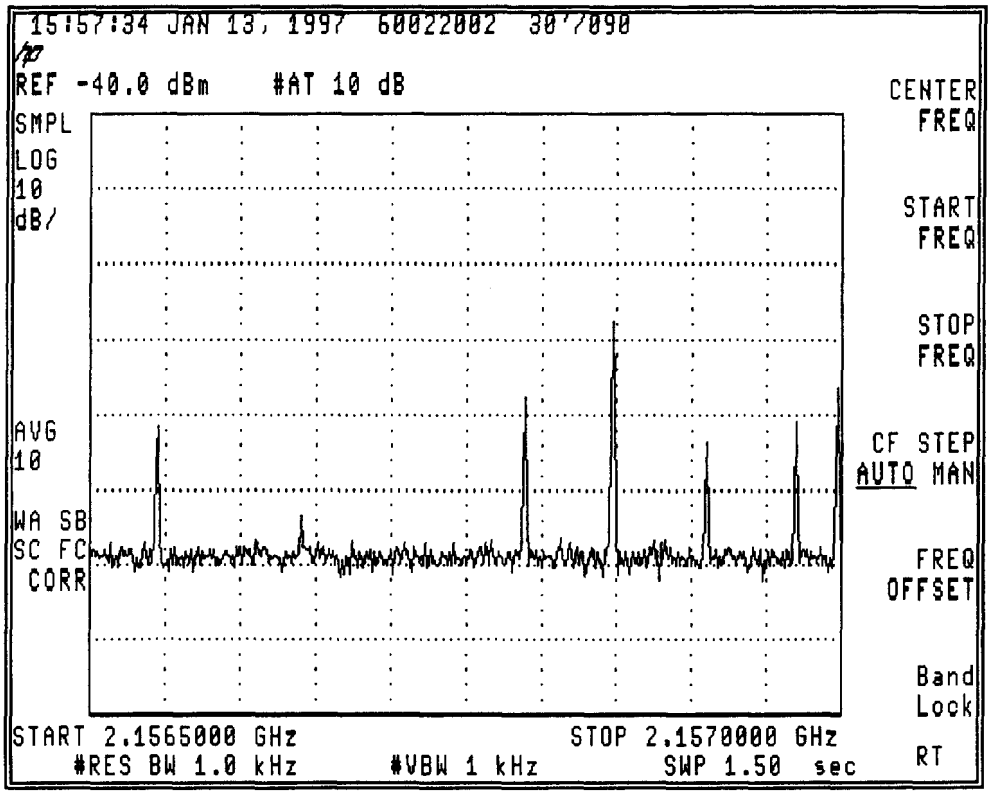
SITE 90

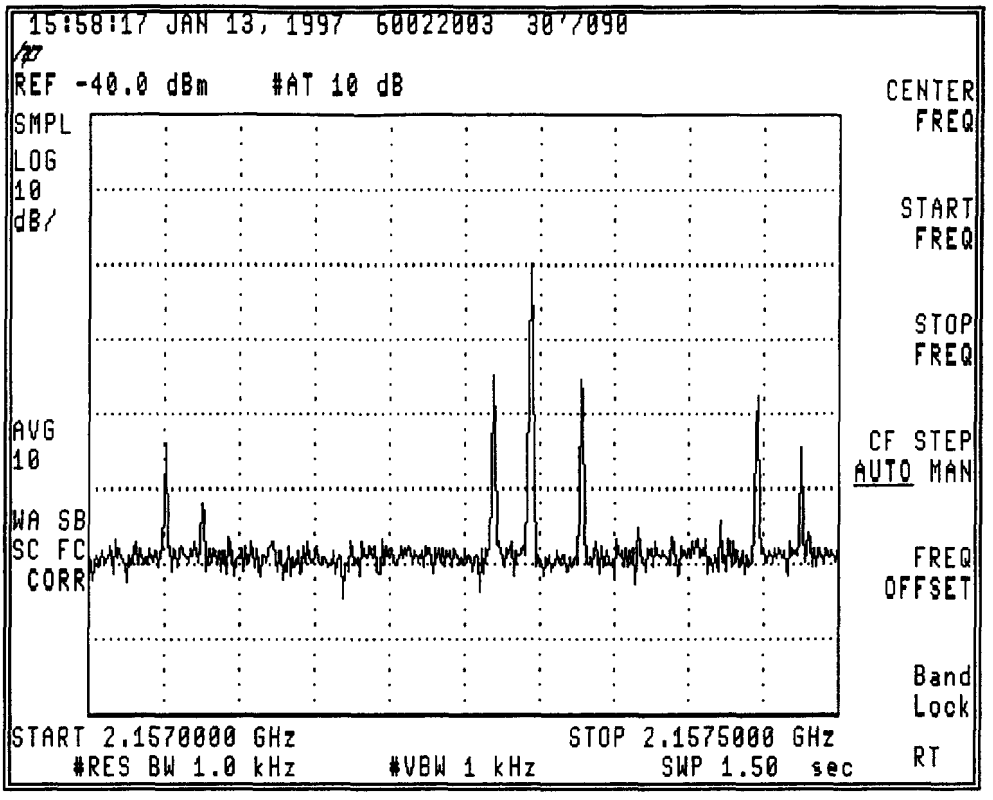
RECEIVED

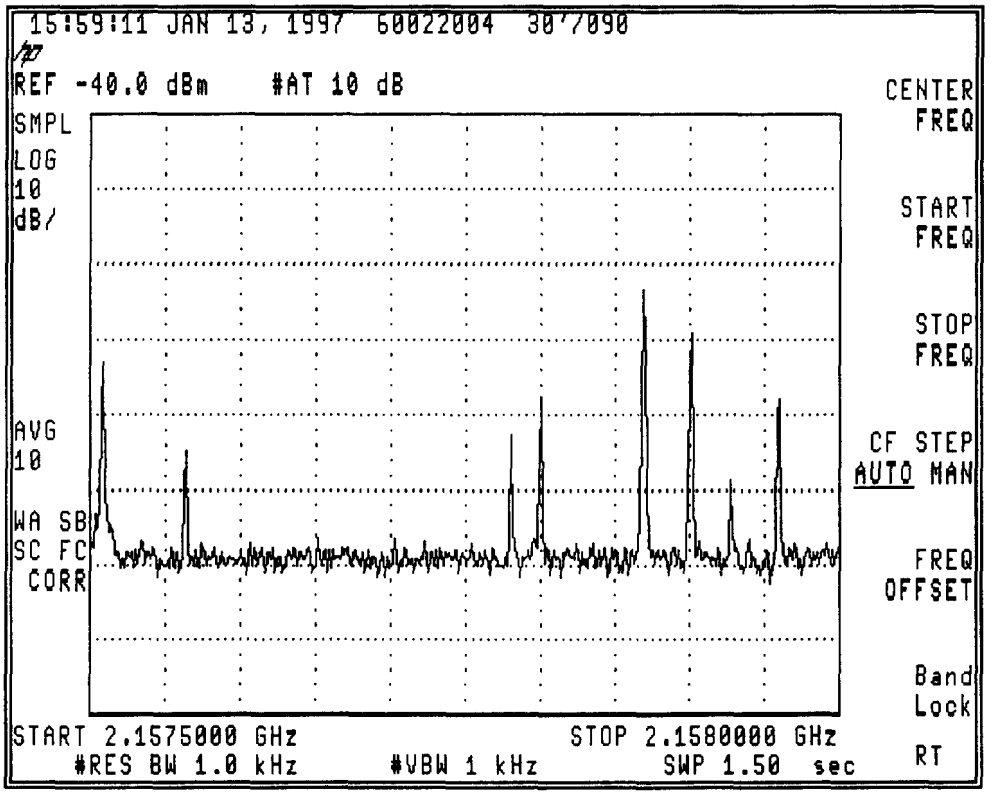
MAY 2 9 1997

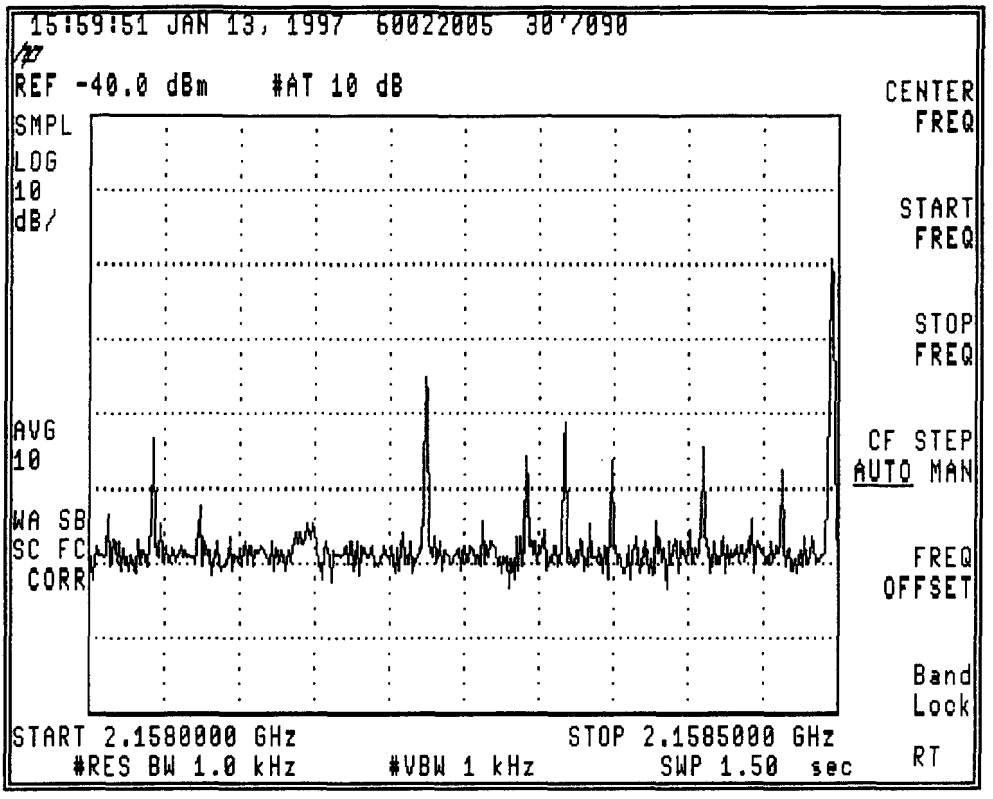
Federal Communications Commission
Office of Secretary

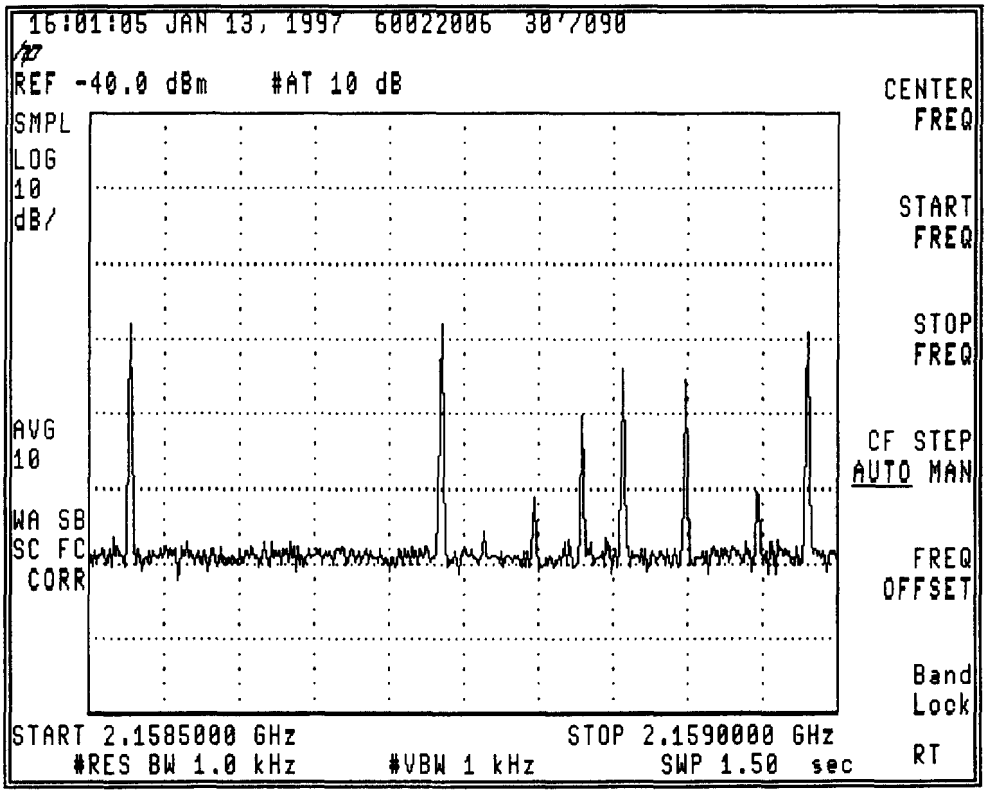


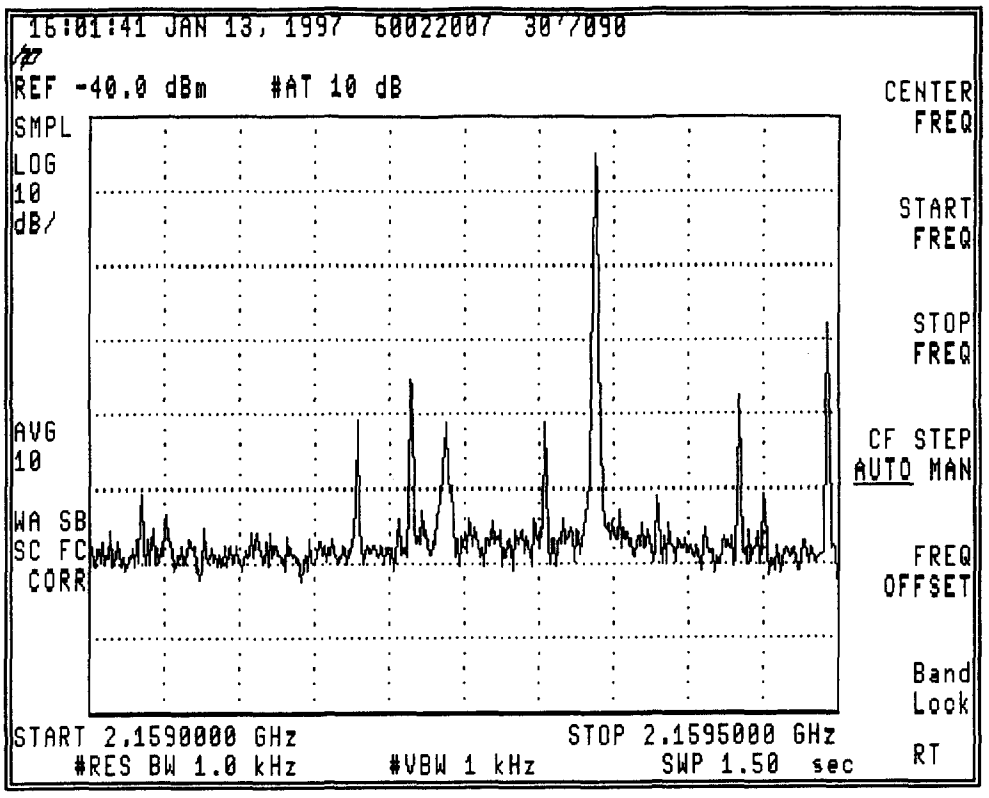


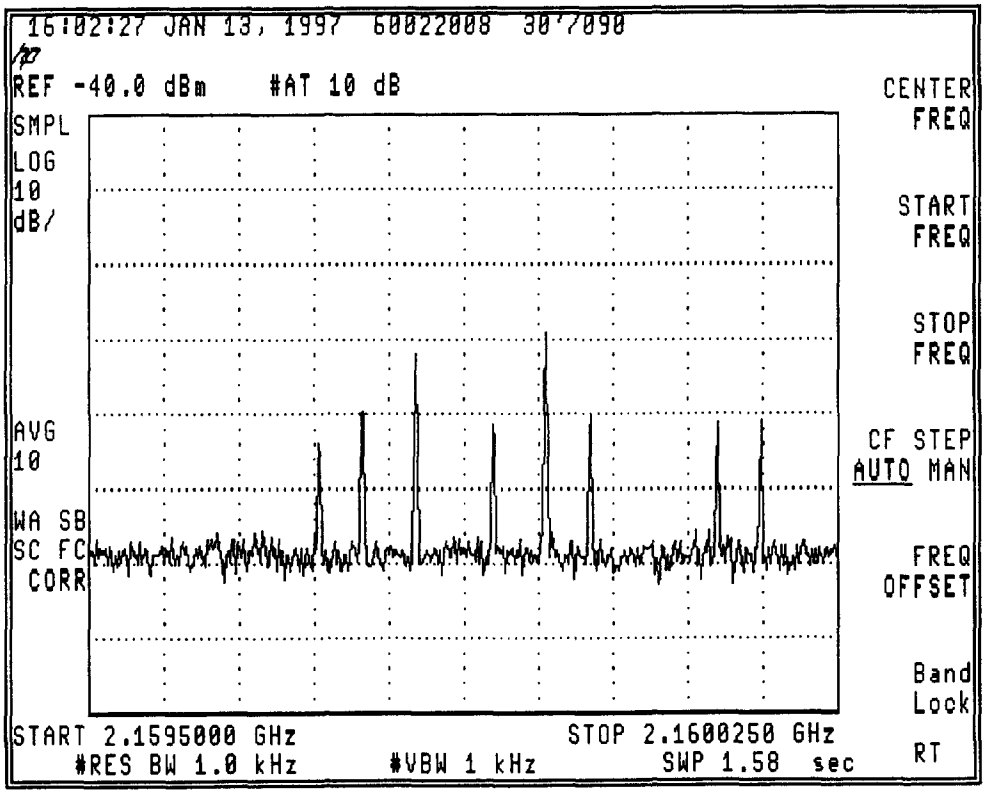

15:58:17 JAN 13, 1997 60022003 30'/090
REF -40.0 dBm #AT 10 dB
SMPL
LOG
10
dB/
AVG
10
WA SB
SC FC
CORR
CENTER
FREQ
START
FREQ
STOP
FREQ
CF STEP
AUTO MAN
FREQ
OFFSET
Band
Lock
RT
START 2.1570000 GHz
STOP 2.1575000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec

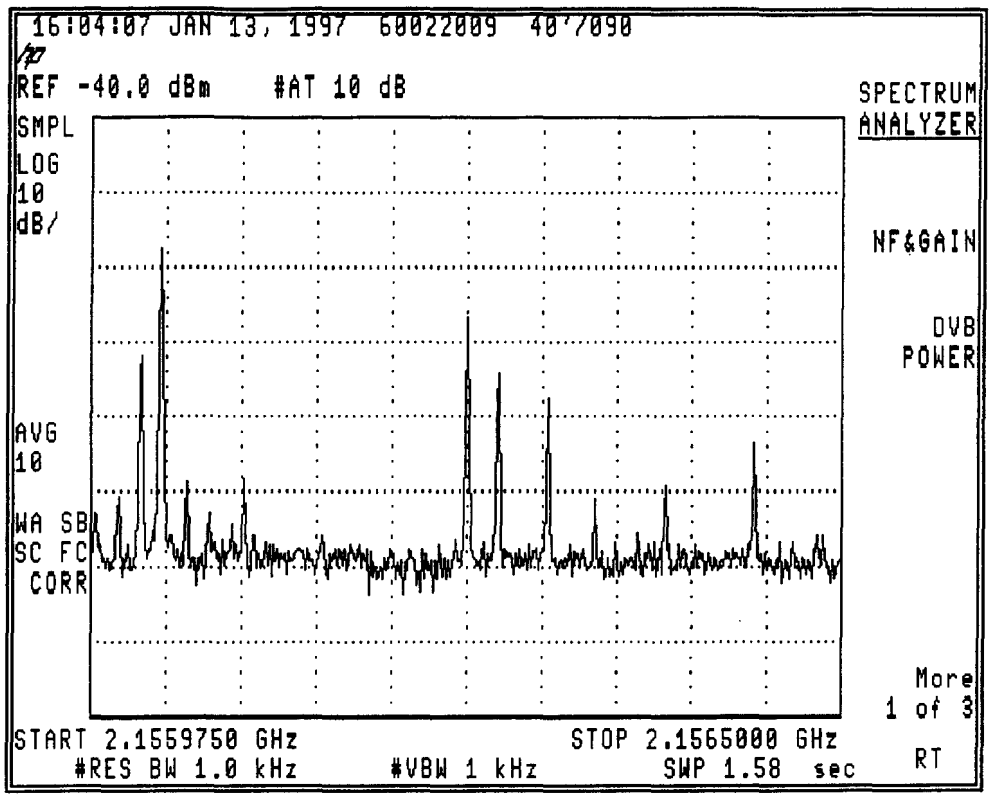

15:59:11 JAN 13, 1997 60022004 30'/090
REF -40.0 dBm #AT 10 dB
SMPL
LOG
10
dB/
AVG
10
WA SB
SC FC
CORR
CENTER
FREQ
START
FREQ
STOP
FREQ
CF STEP
AUTO MAN
FREQ
OFFSET
Band
Lock
RT
START 2.1575000 GHz
STOP 2.1580000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec

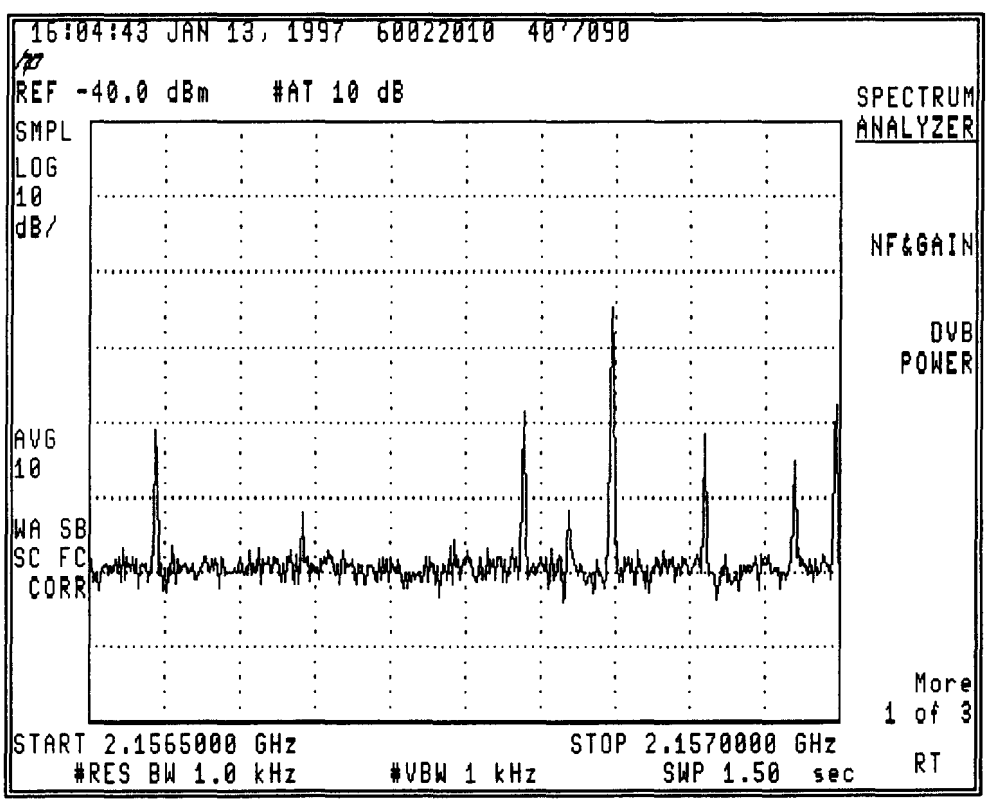

15:59:51 JAN 13, 1997 60022005 30'/090
REF -40.0 dBm #AT 10 dB
SMPL
LOG
10
dB/
AVG
10
WA SB
SC FC
CORR
CENTER
FREQ
START
FREQ
STOP
FREQ
CF STEP
AUTO MAN
FREQ
OFFSET
Band
Lock
RT
START 2.1580000 GHz
STOP 2.1585000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec

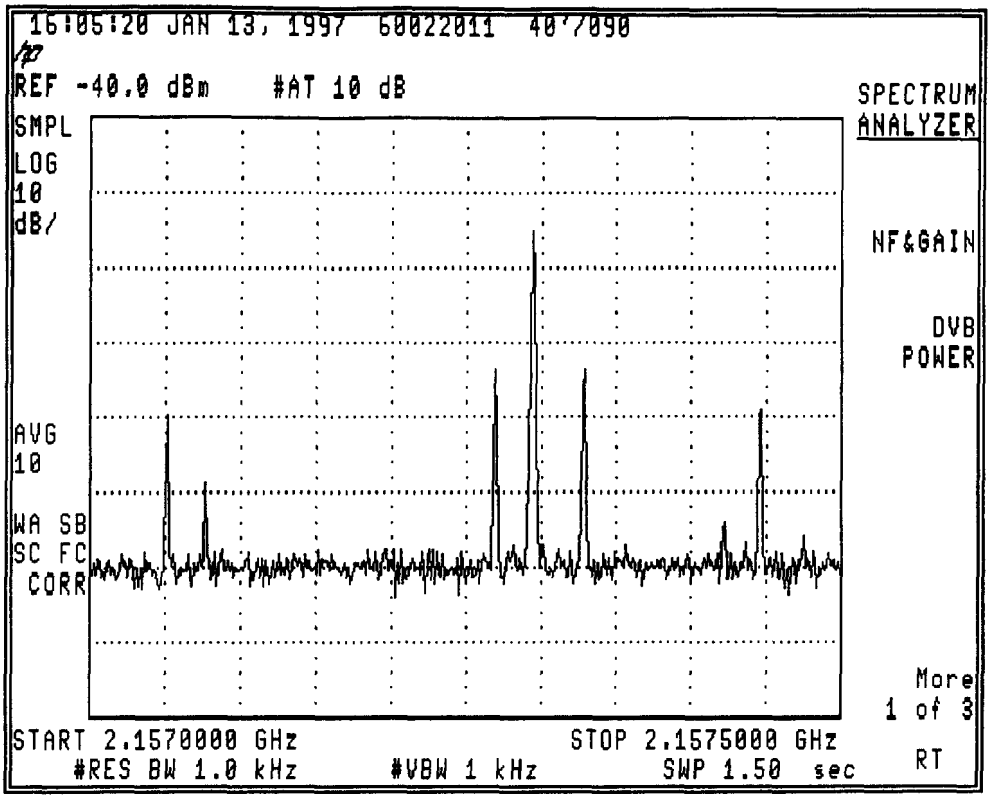

16:01:05 JAN 13, 1997 60022006 30'/090
REF -40.0 dBm #AT 10 dB
SMPL
LOG
10
dB/
AVG
10
WA SB
SC FC
CORR
CENTER
FREQ
START
FREQ
STOP
FREQ
CF STEP
AUTO MAN
FREQ
OFFSET
Band
Lock
RT
START 2.1585000 GHz
STOP 2.1590000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec

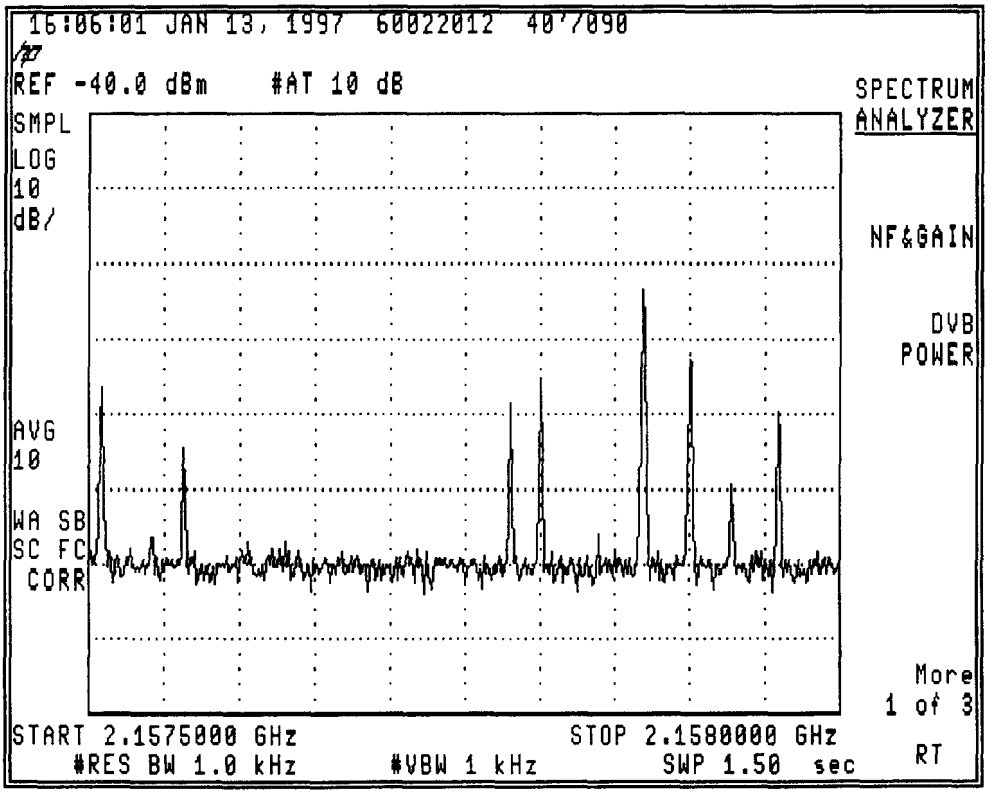

16:01:41 JAN 13, 1997 60022007 30'/090
REF -40.0 dBm #AT 10 dB
SMPL
LOG
10
dB/
AVG
10
WA SB
SC FC
CORR
CENTER
FREQ
START
FREQ
STOP
FREQ
CF STEP
AUTO MAN
FREQ
OFFSET
Band
Lock
RT
START 2.1590000 GHz
STOP 2.1595000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec

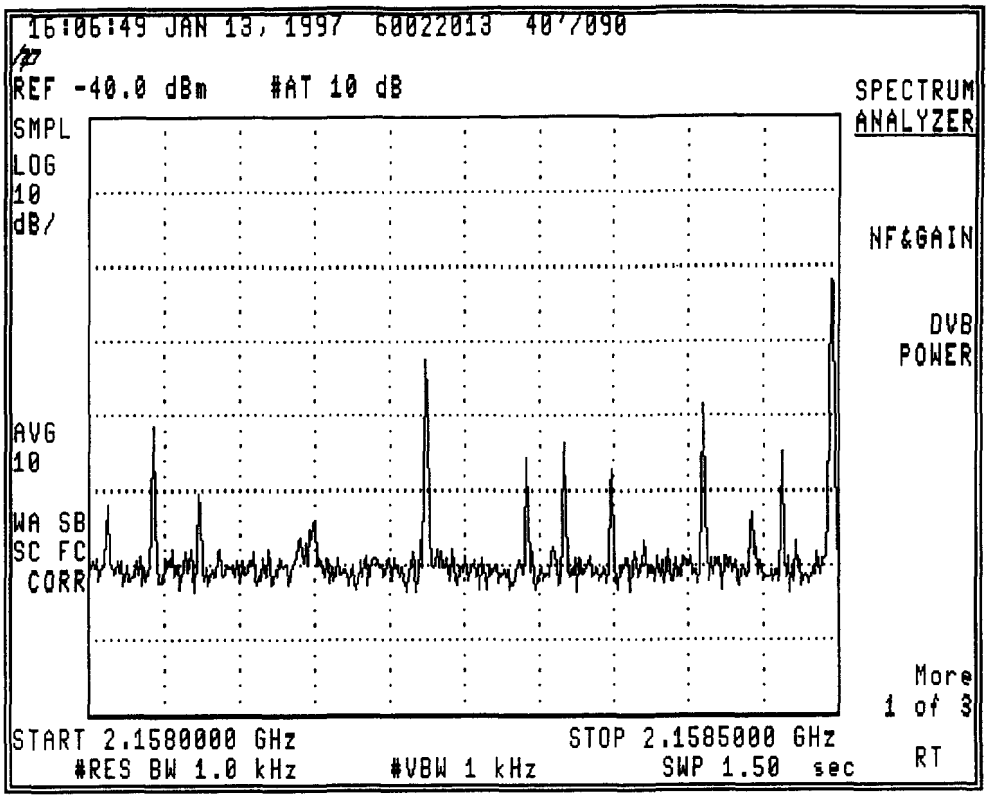

16:02:27 JAN 13, 1997 60022008 30'/090
REF -40.0 dBm #AT 10 dB
SMPL
LOG
10
dB/
AVG
10
WA SB
SC FC
CORR
CENTER
FREQ
START
FREQ
STOP
FREQ
CF STEP
AUTO MAN
FREQ
OFFSET
Band
Lock
RT
START 2.1595000 GHz
STOP 2.1600250 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.58 sec

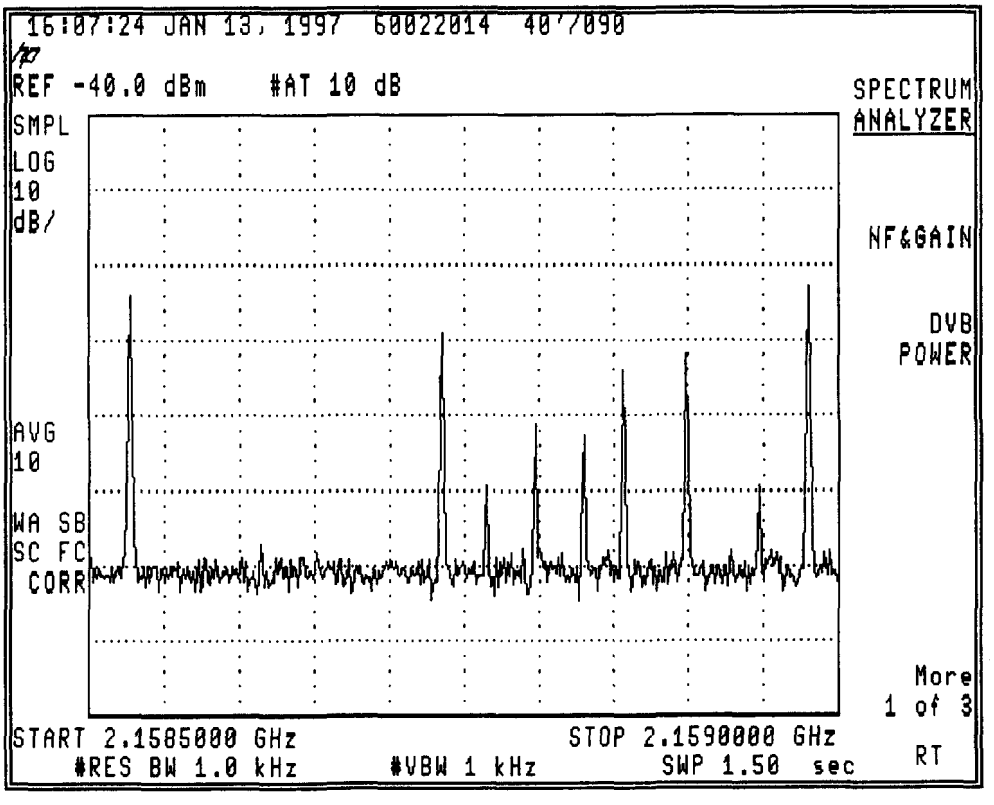

16:04:07 JAN 13, 1997 60022009 40'7090
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1559750 GHz
STOP 2.1565000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.58 sec
RT

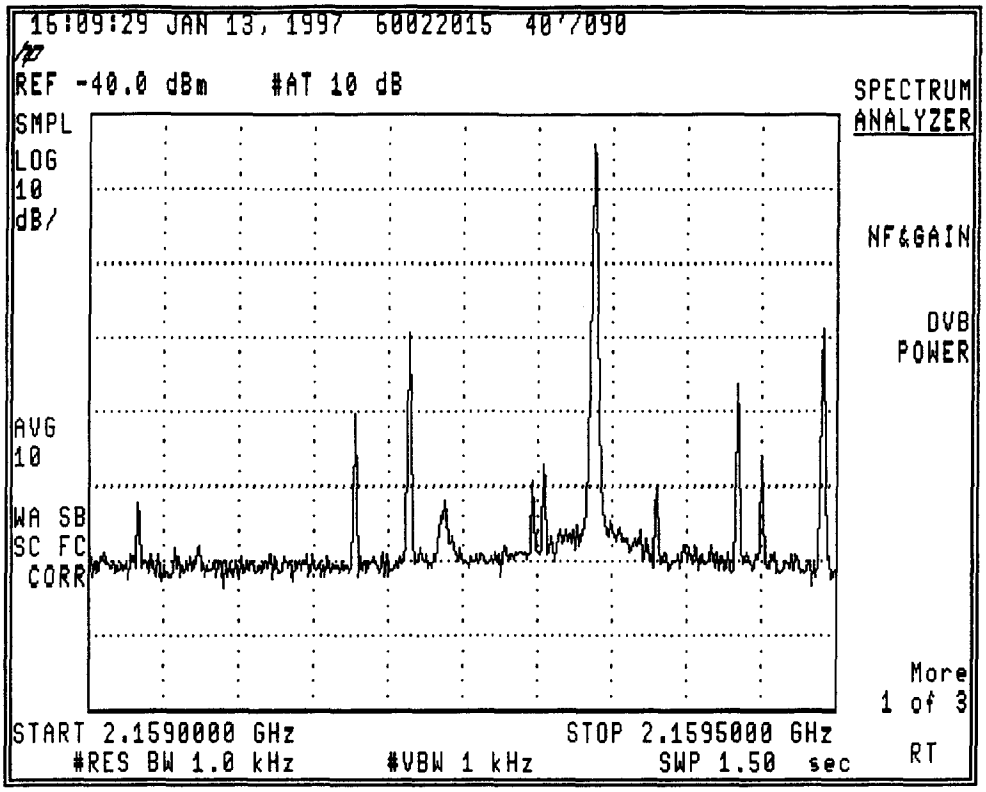

16:04:43 JAN 13, 1997 60022010 40'7090
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1565000 GHz
STOP 2.1570000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

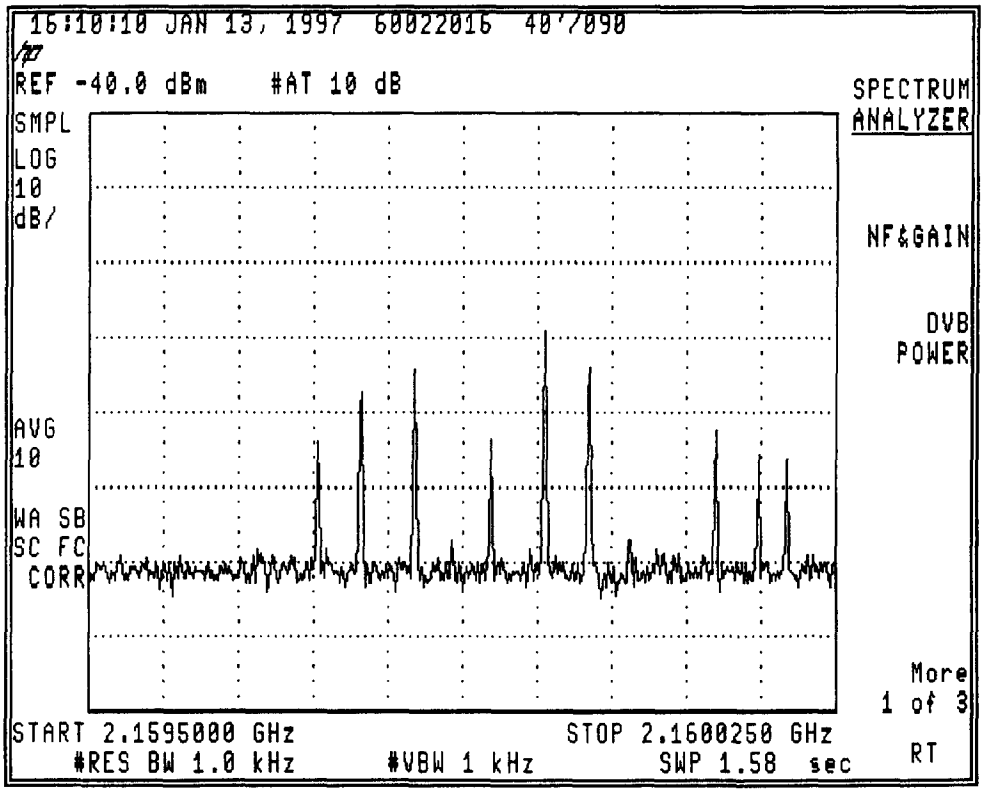

16:05:20 JAN 13, 1997 60022011 40'7090
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1570000 GHz
STOP 2.1575000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

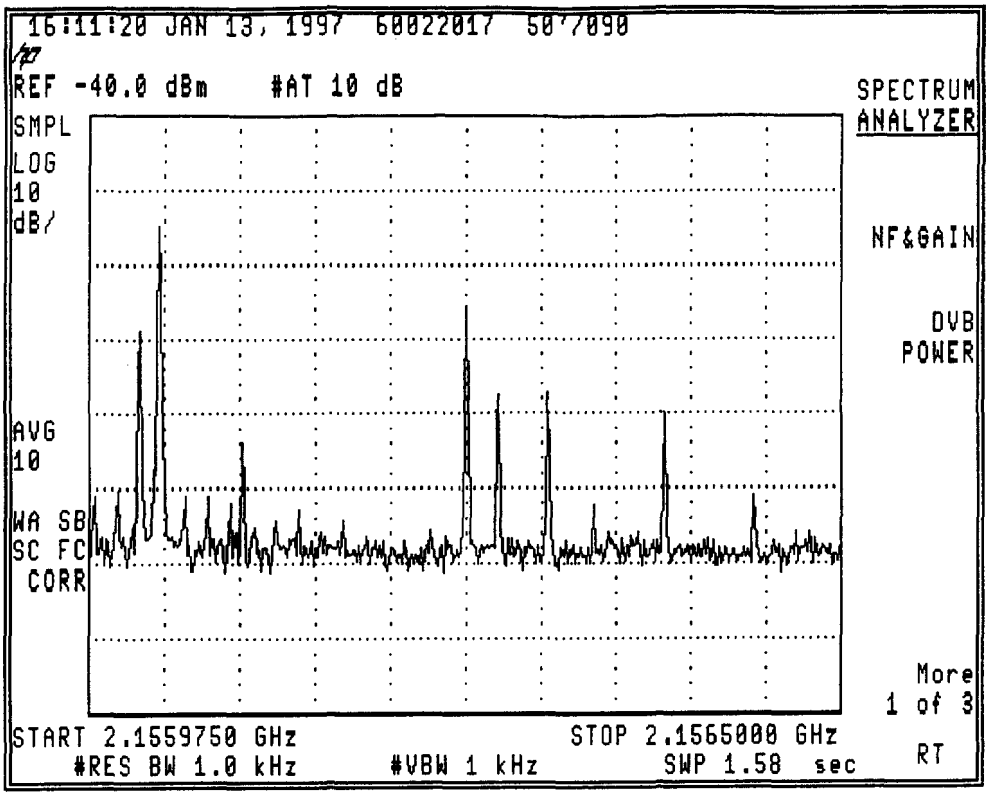

16:06:01 JAN 13, 1997 60022012 40'7090
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1575000 GHz
STOP 2.1580000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

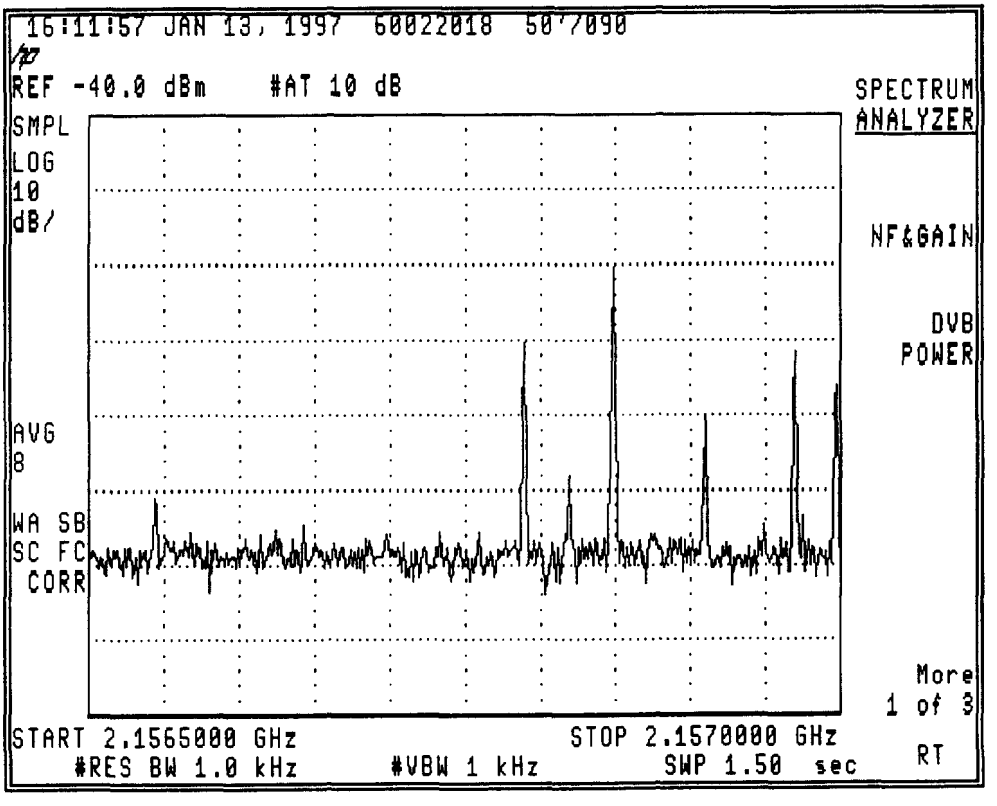

16:06:49 JAN 13, 1997 60022013 40'/090
REF -40.0 dBm #AT 10 dB
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB
POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1580000 GHz
STOP 2.1585000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

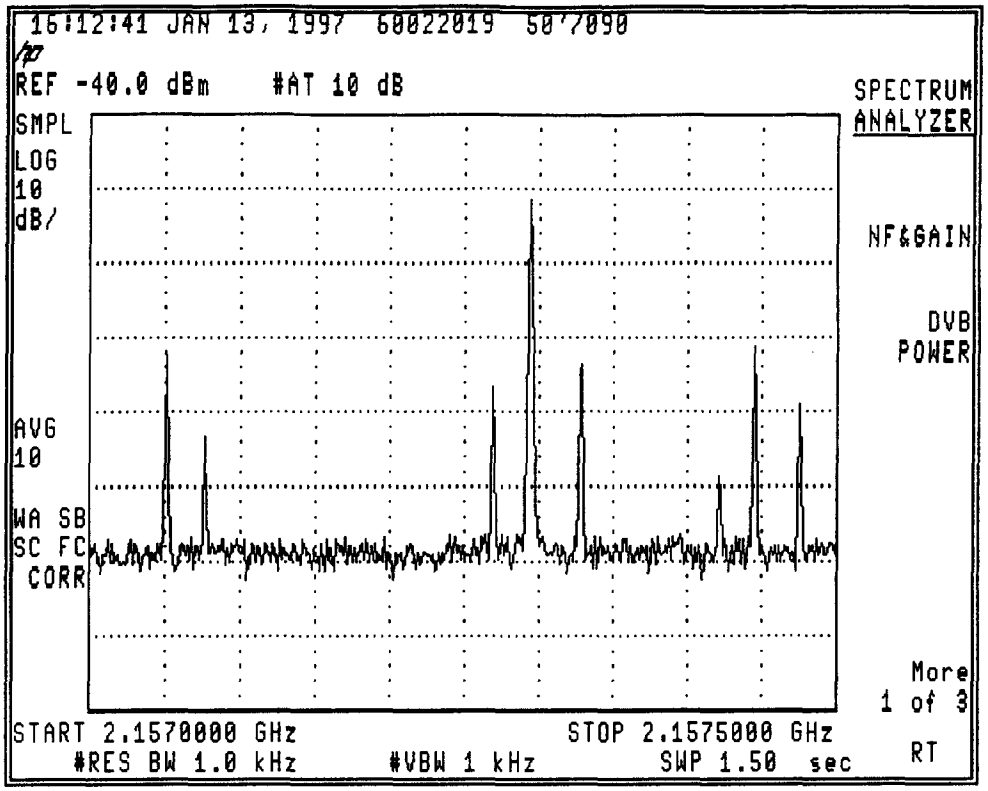

16:07:24 JAN 13, 1997 60022014 40'/090
REF -40.0 dBm #AT 10 dB
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB
POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1585000 GHz
STOP 2.1590000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

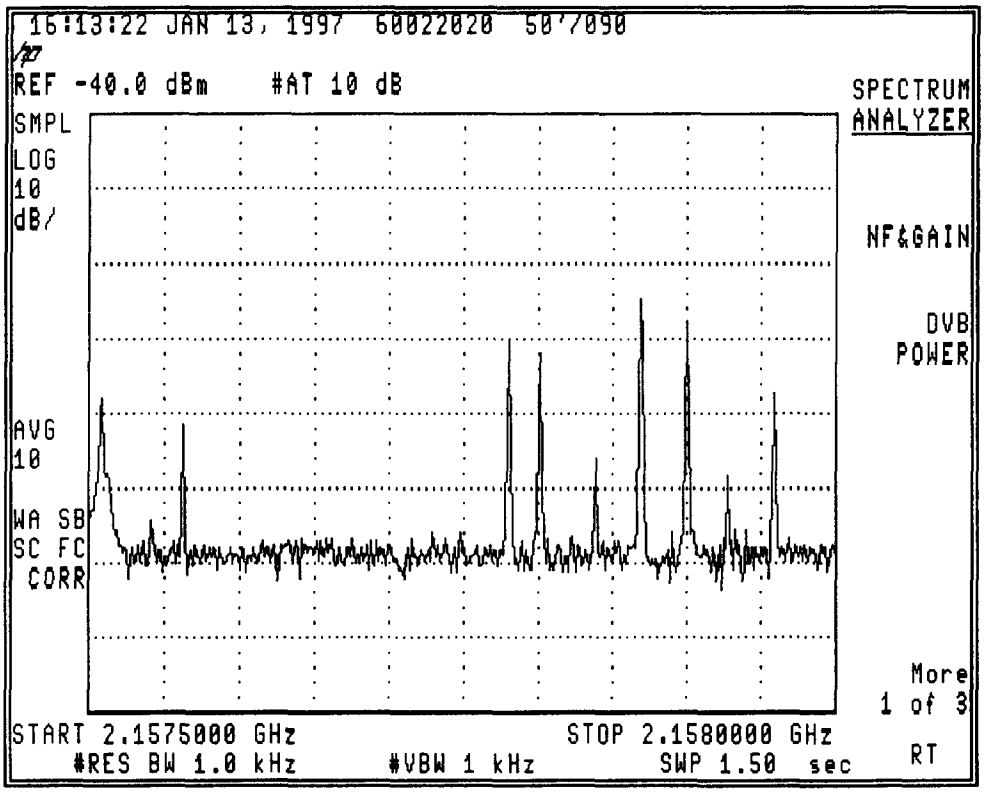

16:09:29 JAN 13, 1997 60022015 40'/090
REF -40.0 dBm #AT 10 dB
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB
POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1590000 GHz
STOP 2.1595000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

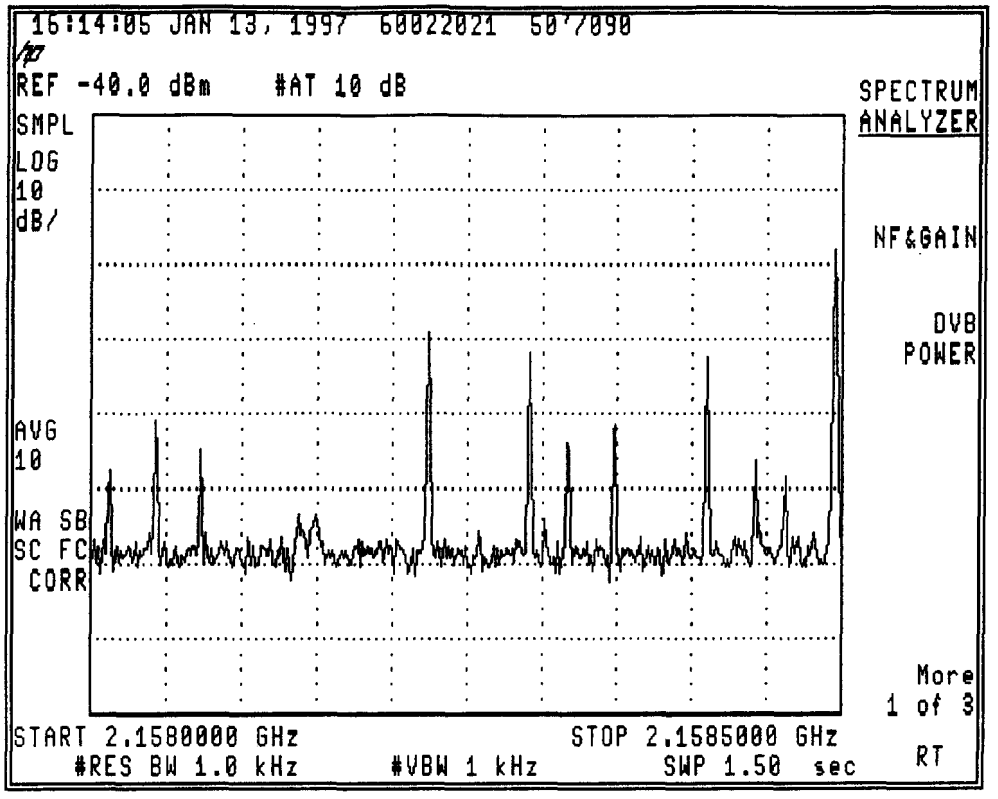

16:10:10 JAN 13, 1997 60022016 40'/090
REF -40.0 dBm #AT 10 dB
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB
POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1595000 GHz
STOP 2.1600250 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.58 sec
RT

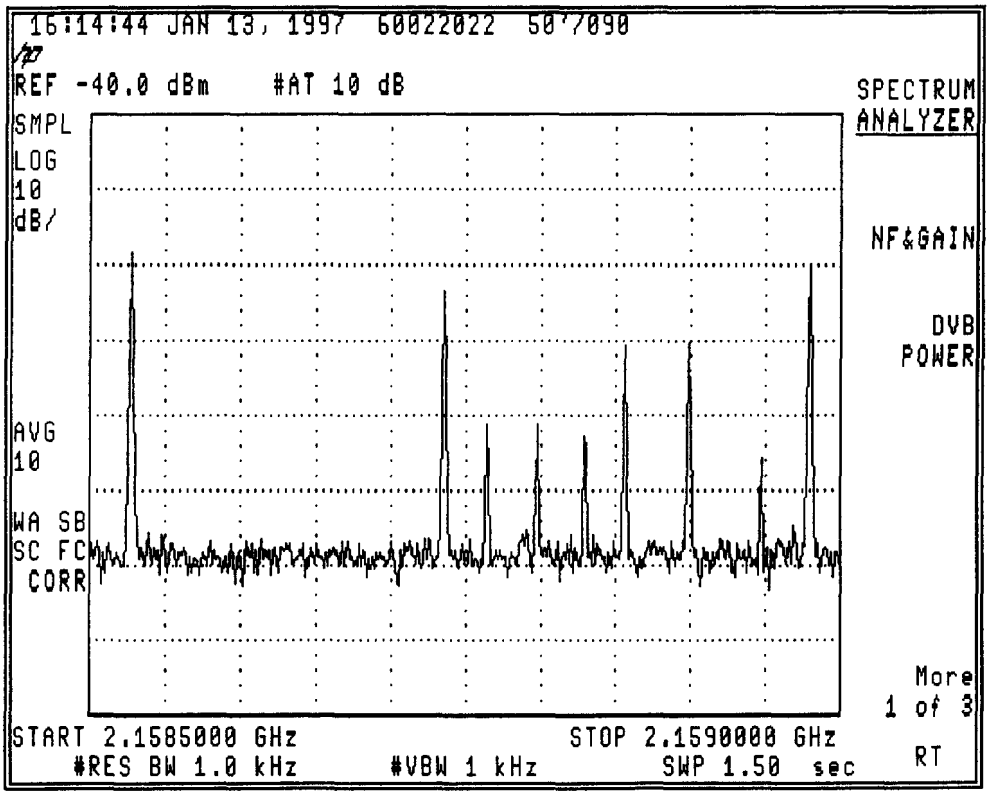

16:11:20 JAN 13, 1997 60022017 50'7090
REF -40.0 dBm #AT 10 dB
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB
POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1559750 GHz
STOP 2.1565000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.58 sec
RT

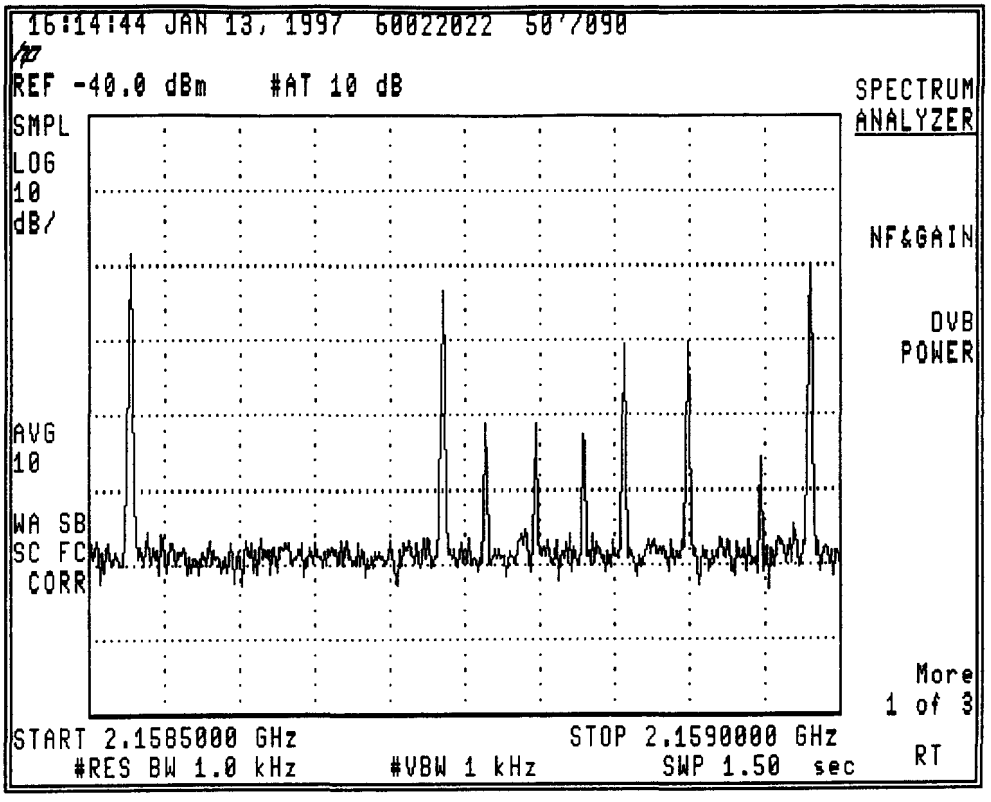

16:11:57 JAN 13, 1997 60022018 50'7090
REF -40.0 dBm #AT 10 dB
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB
POWER
AVG
8
WA SB
SC FC
CORR
More
1 of 3
START 2.1565000 GHz
STOP 2.1570000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

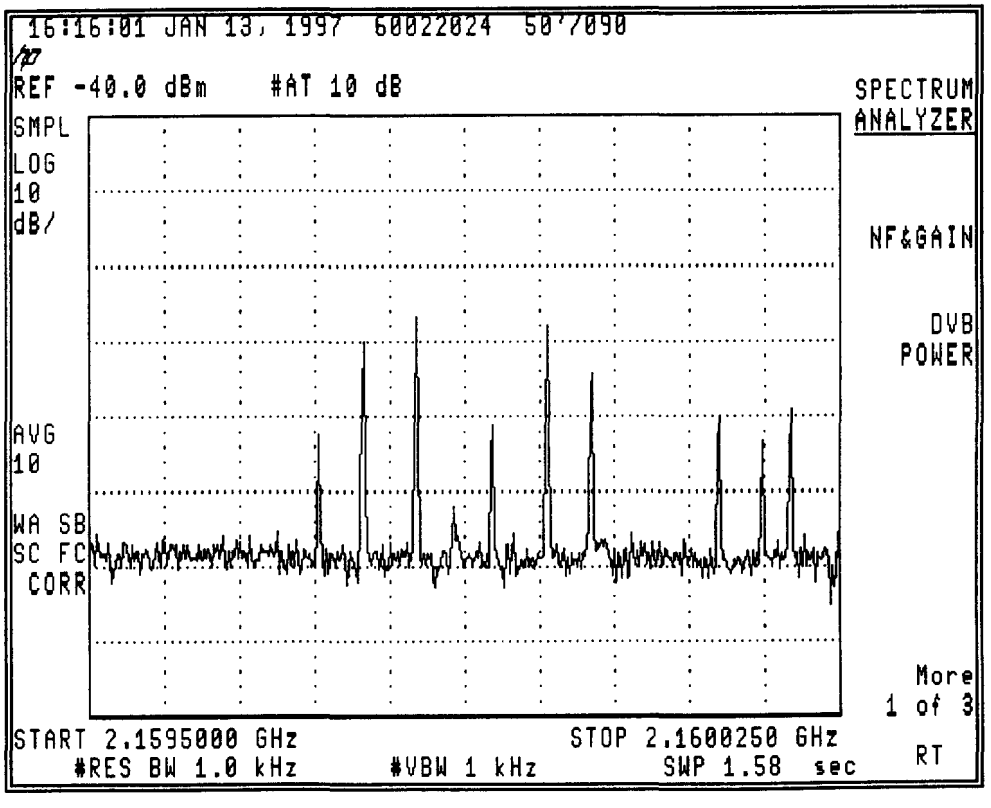

16:12:41 JAN 13, 1997 60022019 50'7090
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB POWER
AVG
10
WA SB
SC FC
CORR
More 1 of 3
START 2.1570000 GHz
STOP 2.1575000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT


16:13:22 JAN 13, 1997 60022020 50'7090
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
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

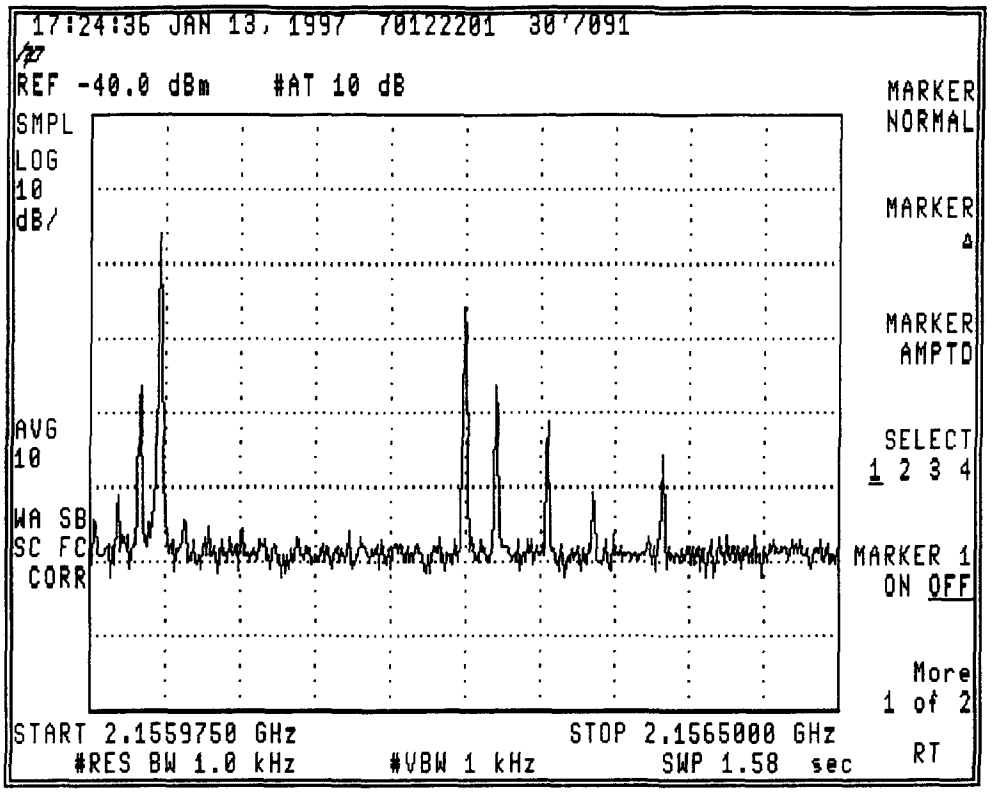

16:14:05 JAN 13, 1997 60022021 507090
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB POWER
AVG
10
WA SB
SC FC
CORR
More 1 of 3
START 2.1580000 GHz
STOP 2.1585000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

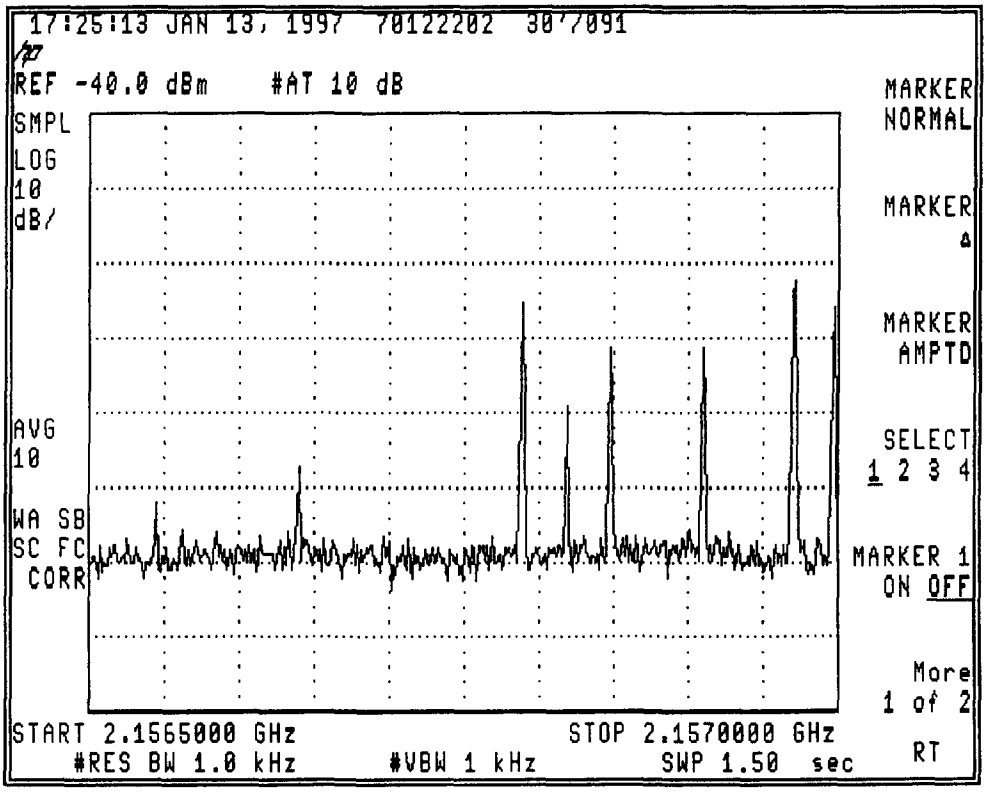

16:14:44 JAN 13, 1997 60022022 507090
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB POWER
AVG
10
WA SB
SC FC
CORR
More 1 of 3
START 2.1585000 GHz
STOP 2.1590000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

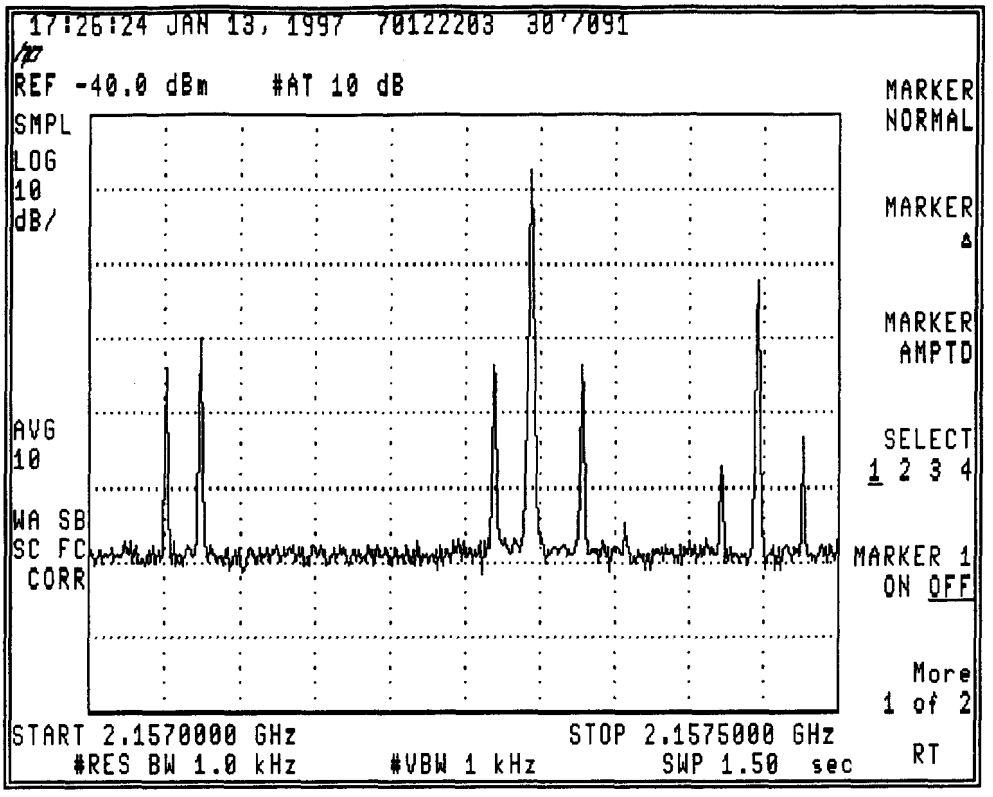

16:14:44 JAN 13, 1997 60022022 50'7090
REF -40.0 dBm #AT 10 dB
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB
POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1585000 GHz
STOP 2.1590000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

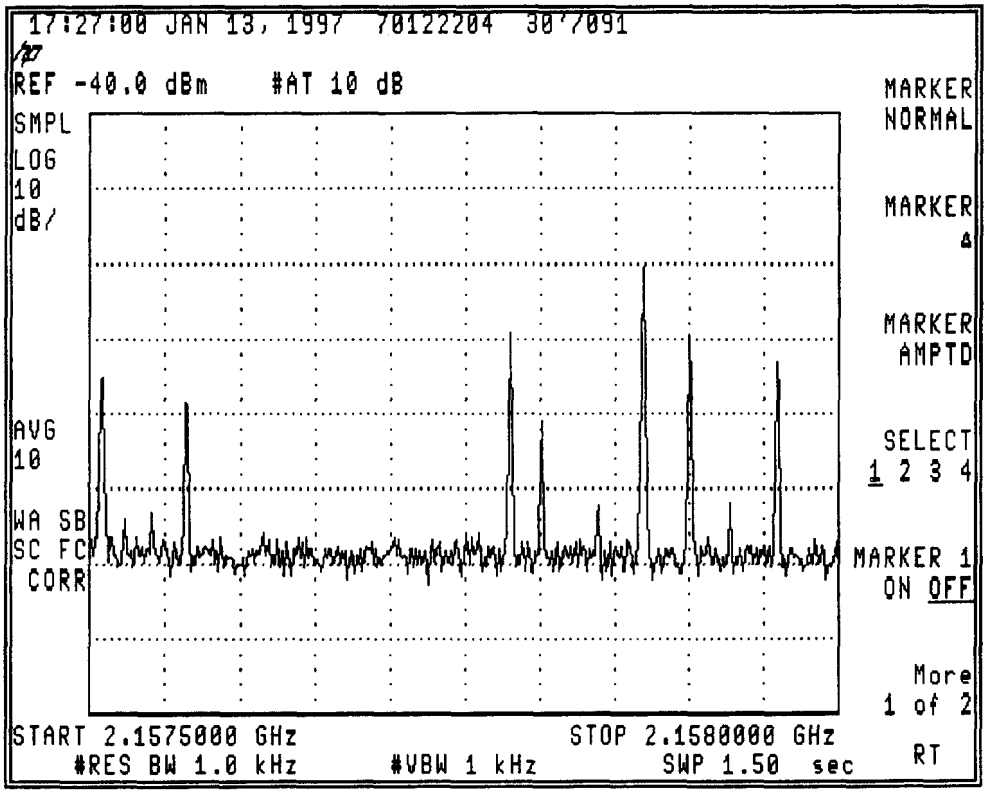

16:16:01 JAN 13, 1997 60022024 50'7090
REF -40.0 dBm #AT 10 dB
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB
POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1595000 GHz
STOP 2.1600250 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.58 sec
RT

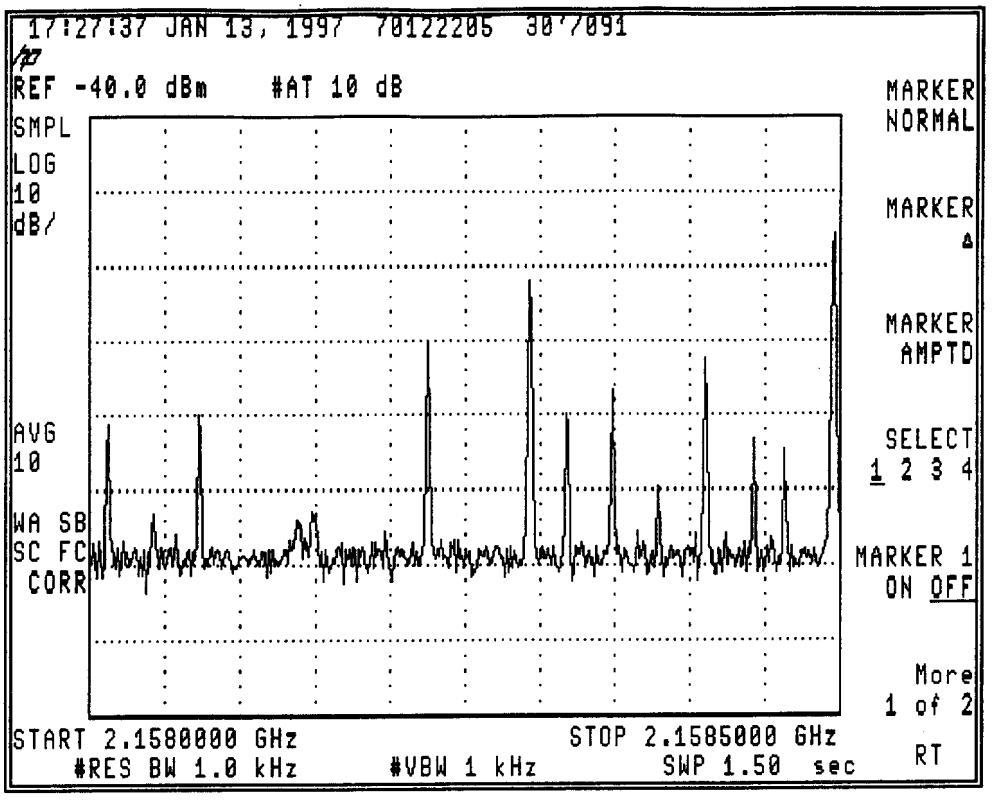
SITE 91

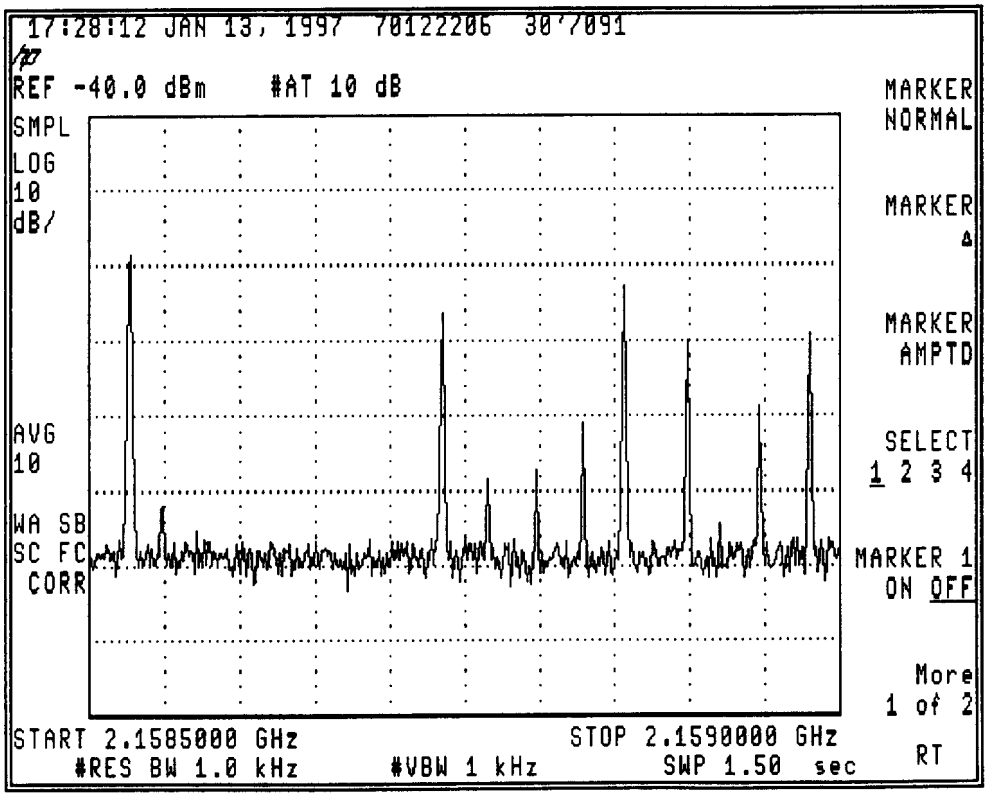

17:24:36 JAN 13, 1997 70122201 30'7091
REF -40.0 dBm #AT 10 dB
SMPL
LOG
10
dB/
AVG
10
WA SB
SC FC
CORR
MARKER
NORMAL
MARKER
Δ
MARKER
AMPTD
SELECT
1 2 3 4
MARKER 1
ON OFF
More
1 of 2
RT
START 2.1559750 GHz
STOP 2.1565000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.58 sec

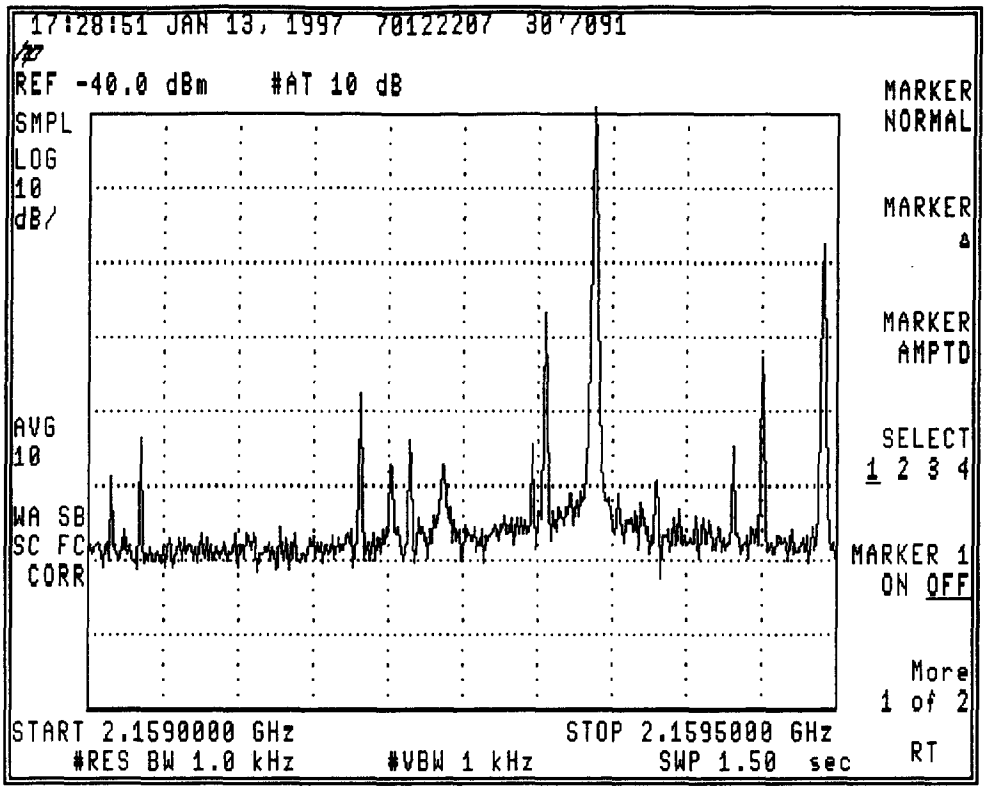

17:25:13 JAN 13, 1997 70122202 30'7091
REF -40.0 dBm #AT 10 dB
SMPL
LOG
10
dB/
AVG
10
WA SB
SC FC
CORR
MARKER
NORMAL
MARKER
Δ
MARKER
AMPTD
SELECT
1 2 3 4
MARKER 1
ON OFF
More
1 of 2
RT
START 2.1565000 GHz
STOP 2.1570000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec

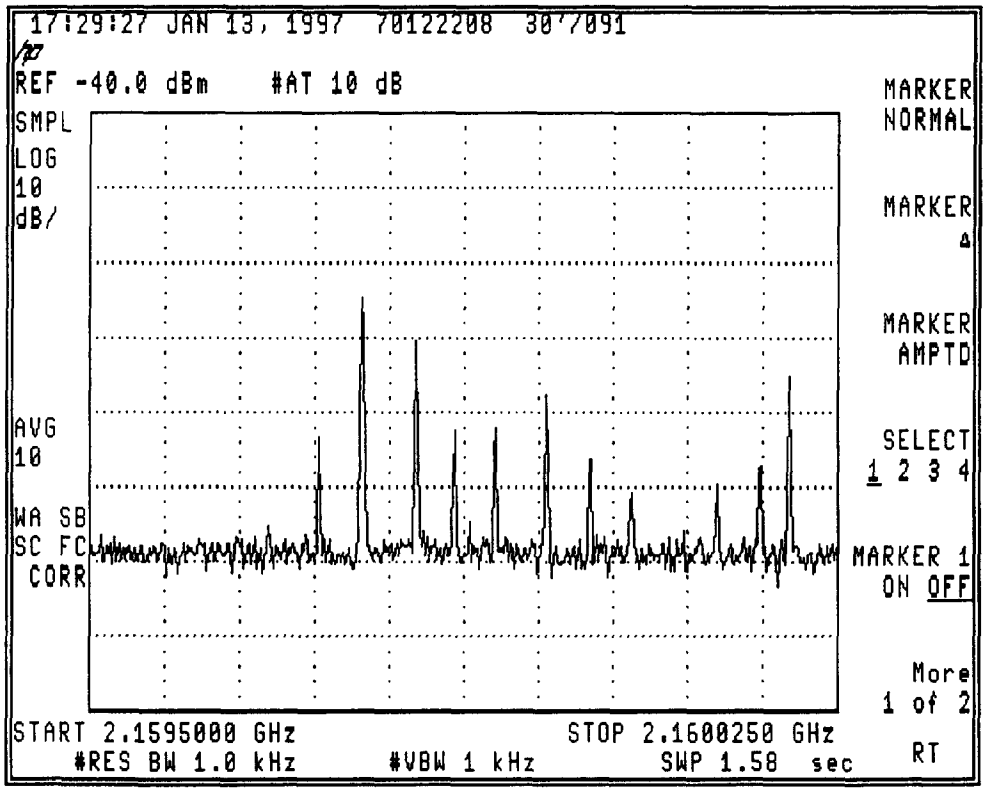

17:26:24 JAN 13, 1997 70122203 30'7091
REF -40.0 dBm #AT 10 dB
SMPL
LOG
10
dB/
AVG
10
WA SB
SC FC
CORR
MARKER
NORMAL
MARKER
Δ
MARKER
AMPTD
SELECT
1 2 3 4
MARKER 1
ON OFF
More
1 of 2
START 2.1570000 GHz
STOP 2.1575000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

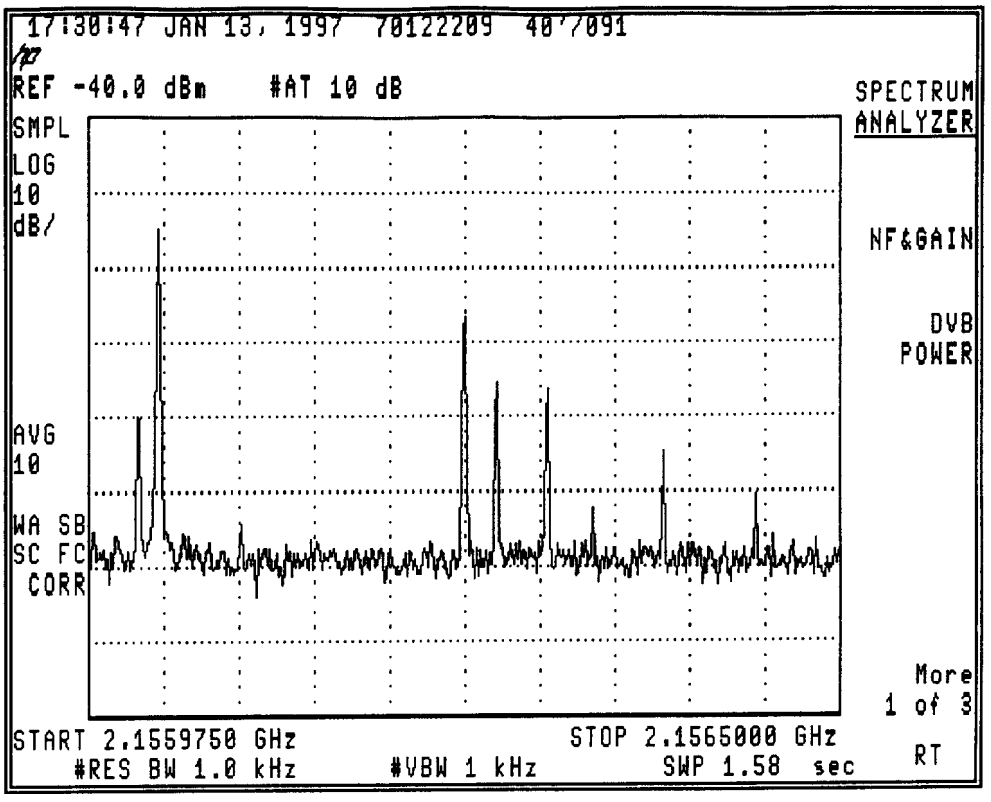

17:27:00 JAN 13, 1997 70122204 30'7091
REF -40.0 dBm #AT 10 dB
SMPL
LOG
10
dB/
AVG
10
WA SB
SC FC
CORR
MARKER
NORMAL
MARKER
Δ
MARKER
AMPTD
SELECT
1 2 3 4
MARKER 1
ON OFF
More
1 of 2
START 2.1575000 GHz
STOP 2.1580000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

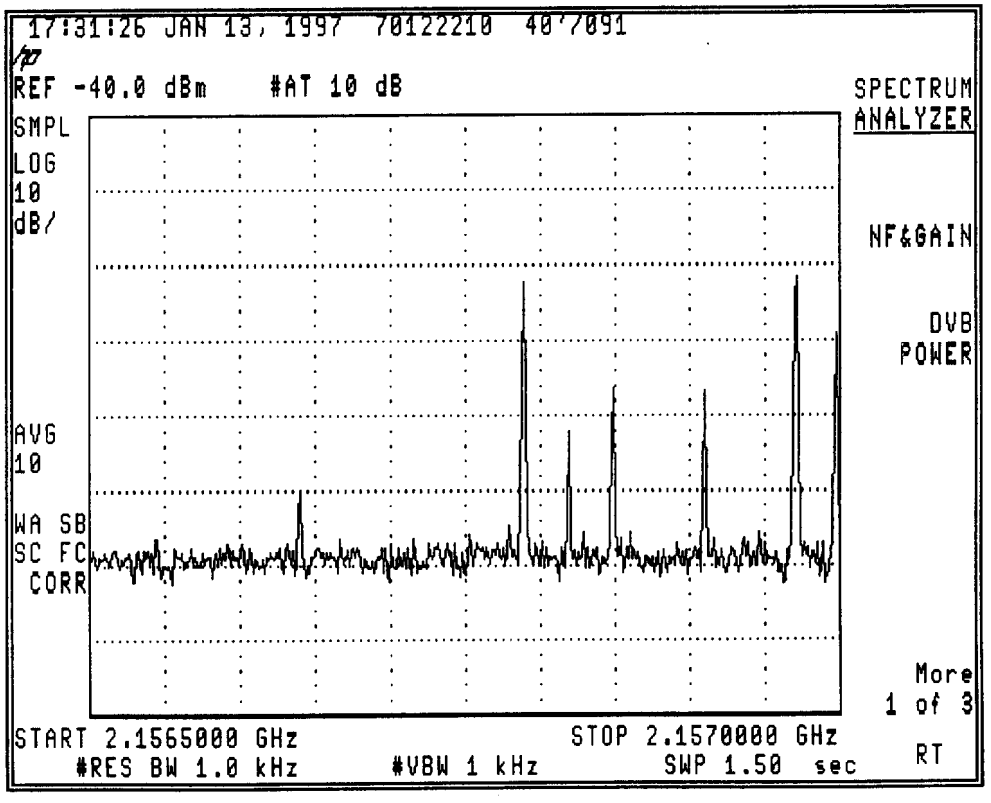

17:27:37 JAN 13, 1997 70122205 30'/091
REF -40.0 dBm #AT 10 dB
SMPL
LOG
10
dB/
AVG
10
WA SB
SC FC
CORR
MARKER
NORMAL
MARKER
Δ
MARKER
AMPTD
SELECT
1 2 3 4
MARKER 1
ON OFF
More
1 of 2
RT
START 2.1580000 GHz
STOP 2.1585000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec

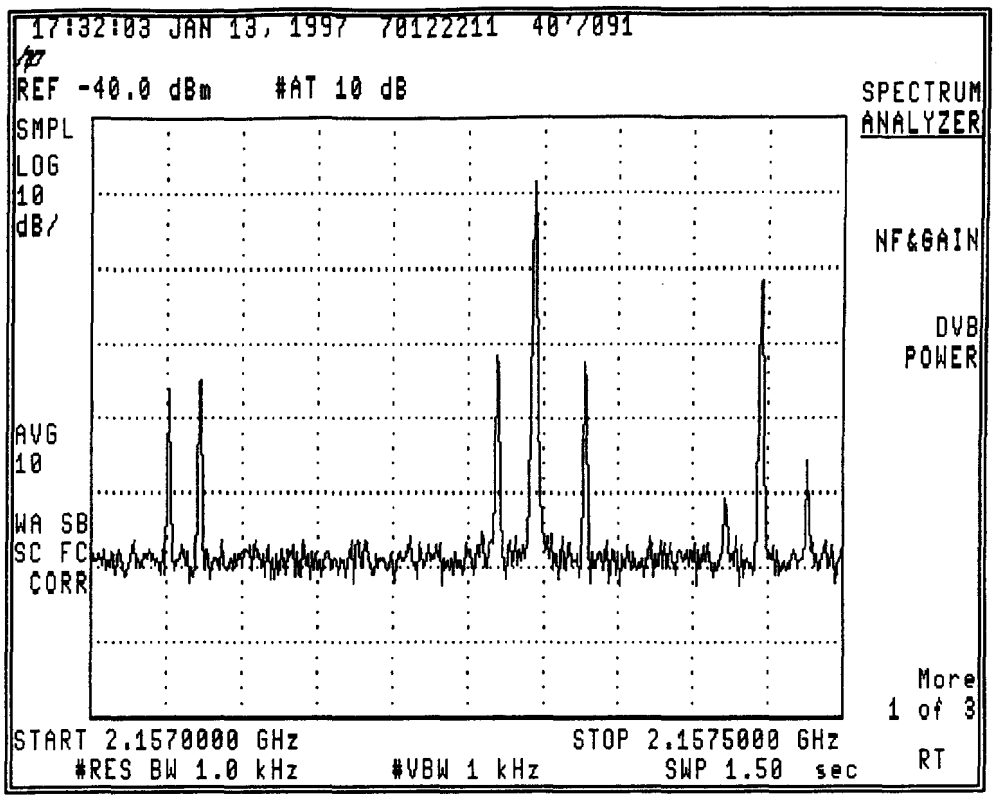

17:28:12 JAN 13, 1997 70122206 30'/091
REF -40.0 dBm #AT 10 dB
SMPL
LOG
10
dB/
AVG
10
WA SB
SC FC
CORR
MARKER
NORMAL
MARKER
Δ
MARKER
AMPTD
SELECT
1 2 3 4
MARKER 1
ON OFF
More
1 of 2
RT
START 2.1585000 GHz
STOP 2.1590000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec

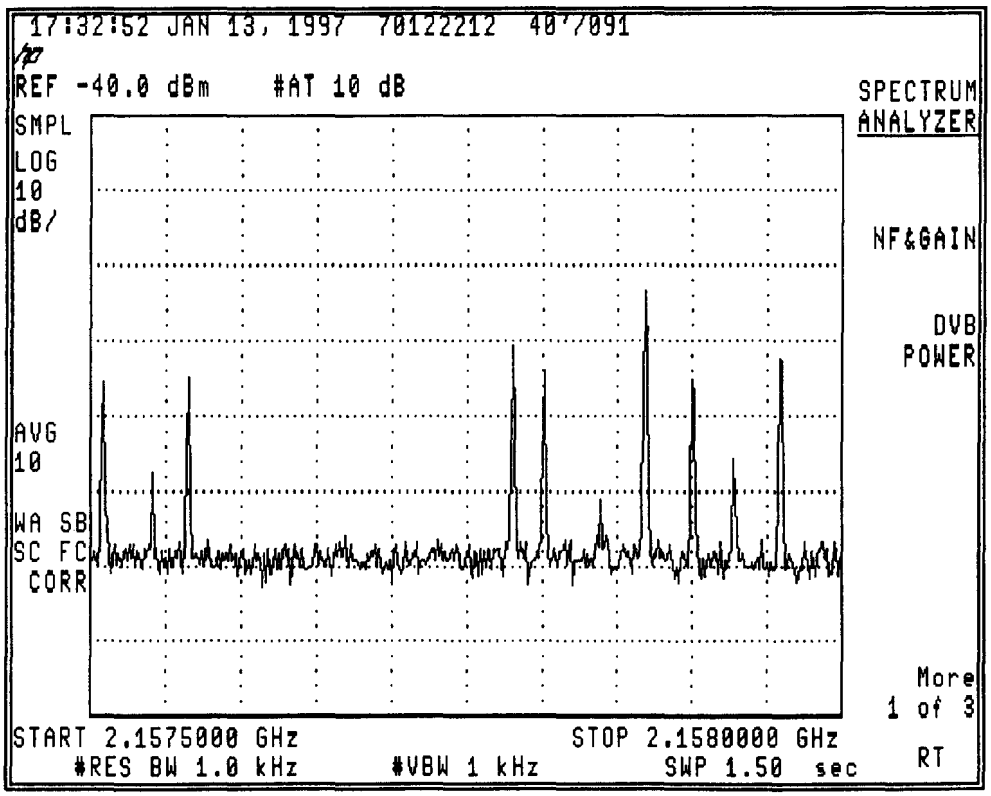

17:28:51 JAN 13, 1997 70122207 30'/091
REF -40.0 dBm #AT 10 dB
SMPL
LOG
10
dB/
AVG
10
WA SB
SC FC
CORR
MARKER
NORMAL
MARKER
Δ
MARKER
AMPTD
SELECT
1 2 3 4
MARKER 1
ON OFF
More
1 of 2
START 2.1590000 GHz
STOP 2.1595000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

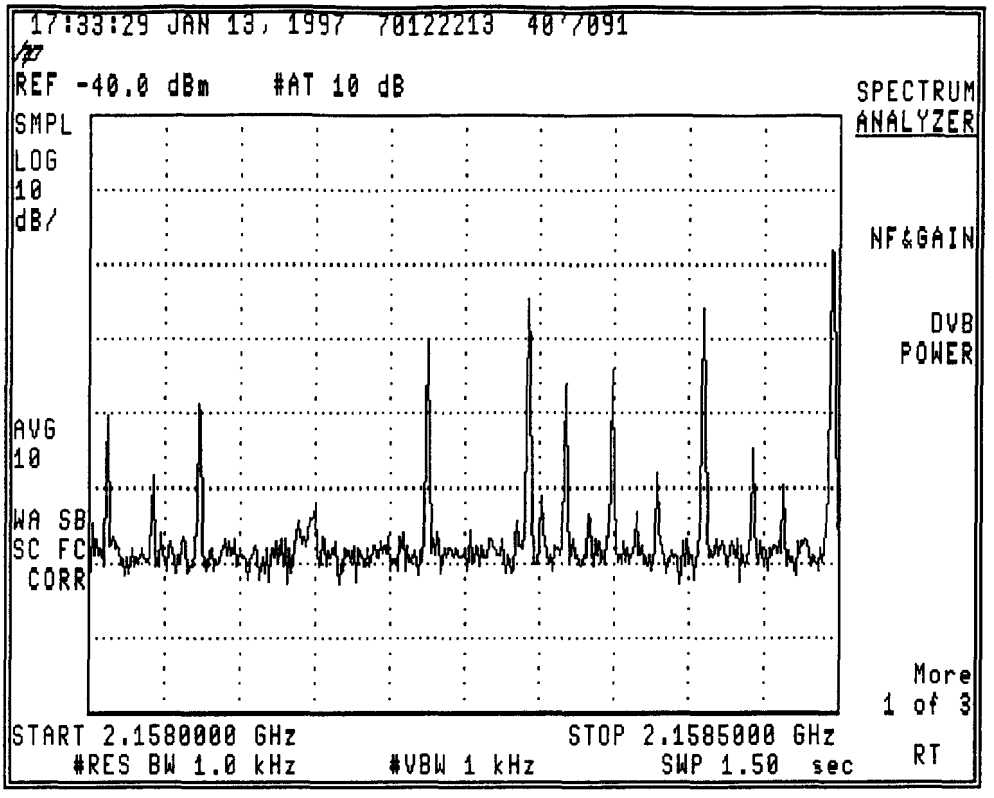

17:29:27 JAN 13, 1997 70122208 30'/091
REF -40.0 dBm #AT 10 dB
SMPL
LOG
10
dB/
AVG
10
WA SB
SC FC
CORR
MARKER
NORMAL
MARKER
Δ
MARKER
AMPTD
SELECT
1 2 3 4
MARKER 1
ON OFF
More
1 of 2
START 2.1595000 GHz
STOP 2.1600250 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.58 sec
RT

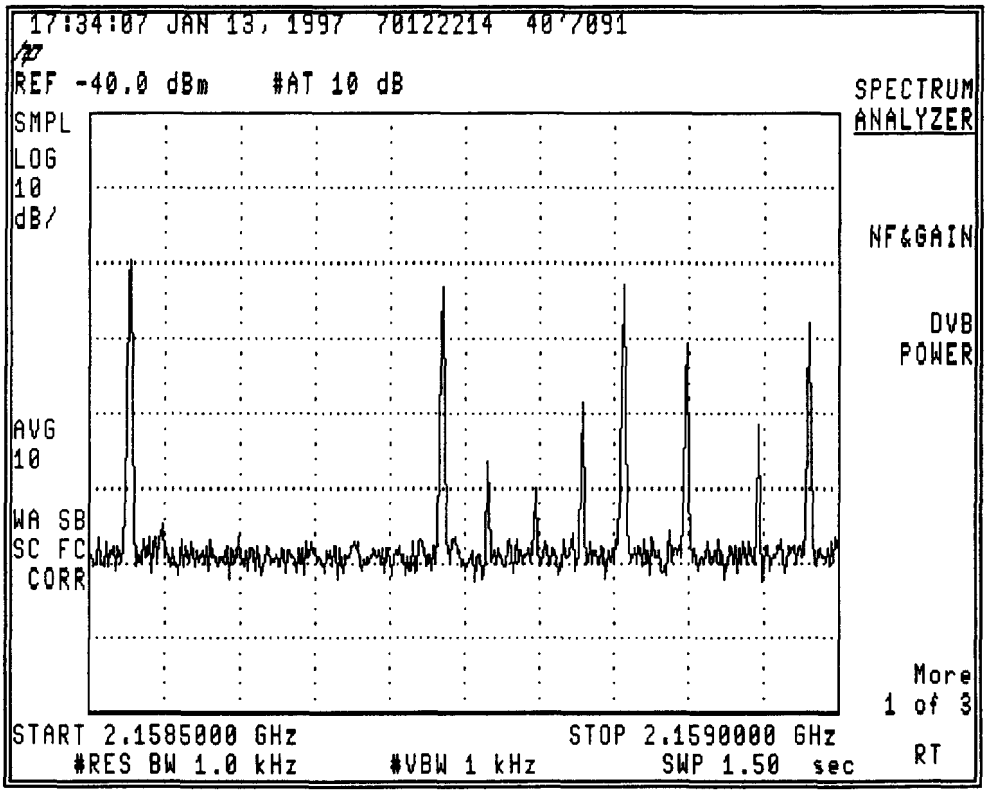

17:30:47 JAN 13, 1997 70122209 40'/091
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1559750 GHz
STOP 2.1565000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.58 sec
RT

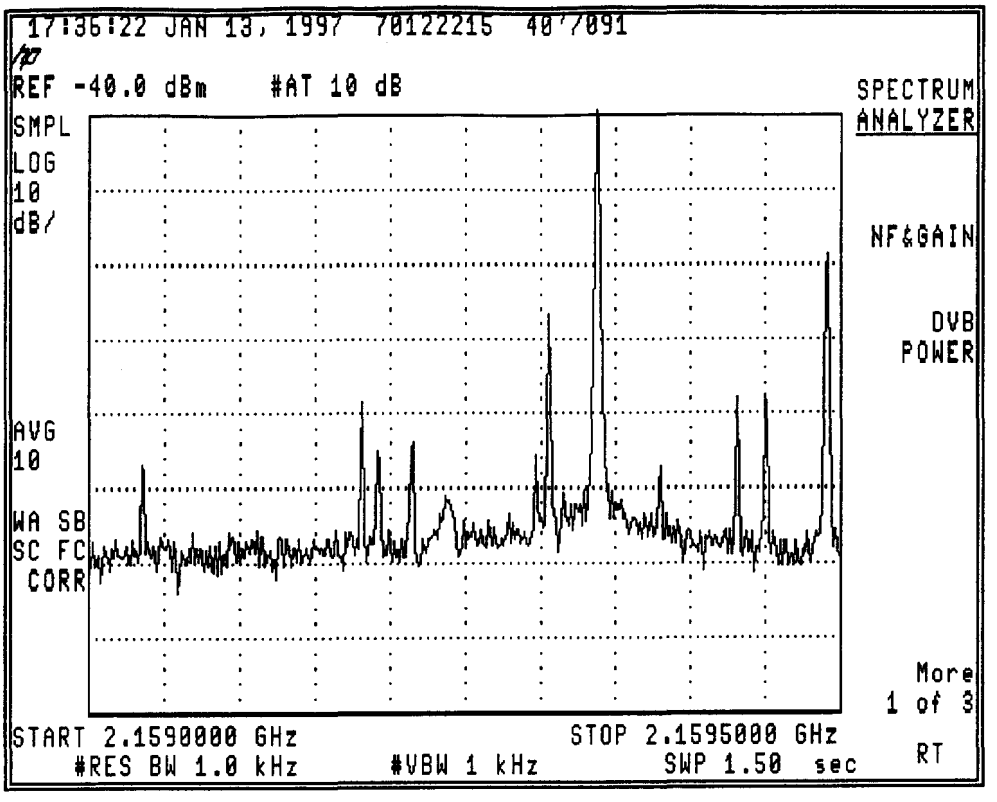

17:31:26 JAN 13, 1997 70122210 40'/091
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1565000 GHz
STOP 2.1570000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

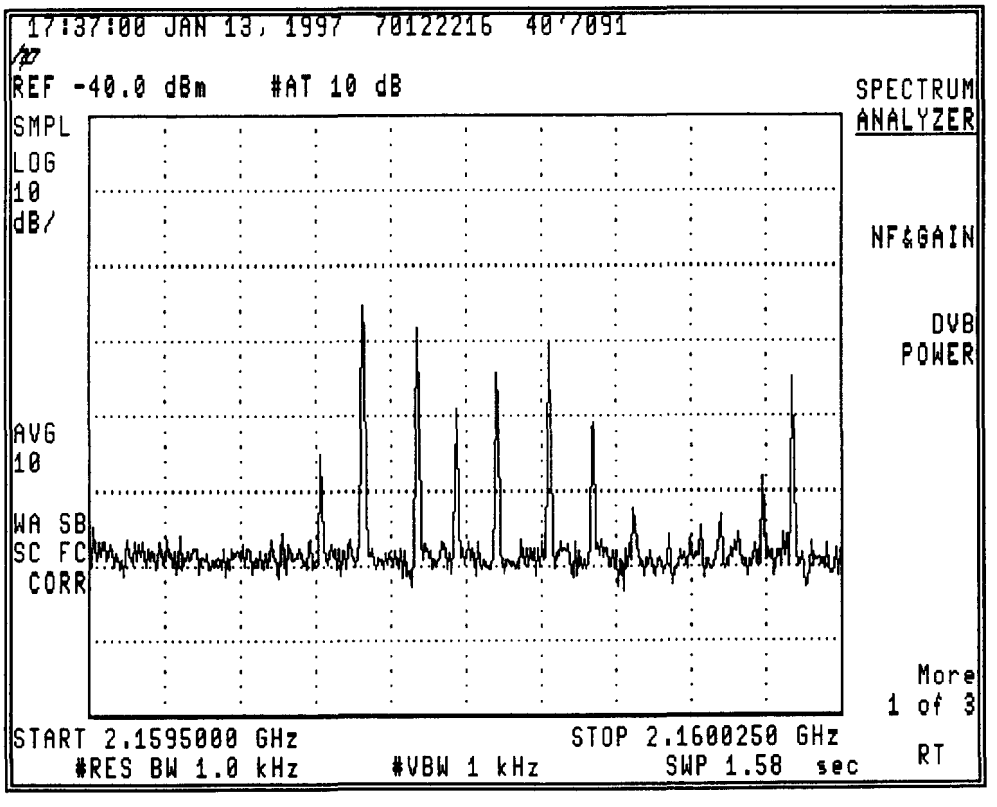

17:32:03 JAN 13, 1997 70122211 40'/091
REF -40.0 dBm #AT 10 dB
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB
POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1570000 GHz
STOP 2.1575000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

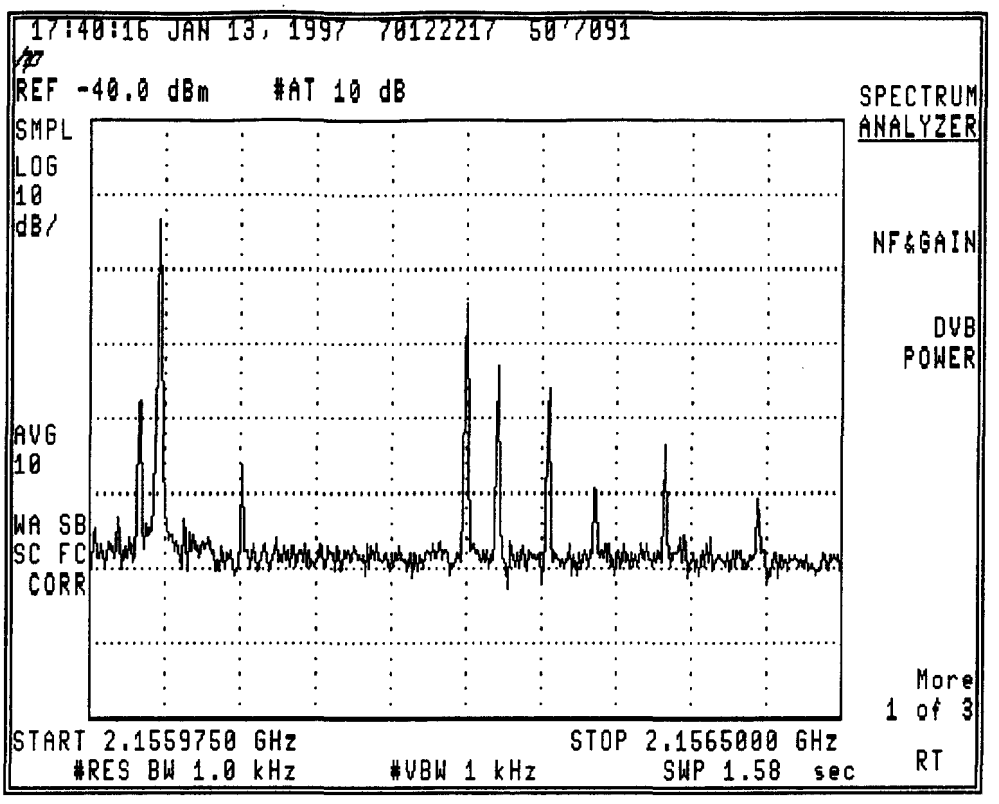

17:32:52 JAN 13, 1997 70122212 40'/091
REF -40.0 dBm #AT 10 dB
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB
POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1575000 GHz
STOP 2.1580000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

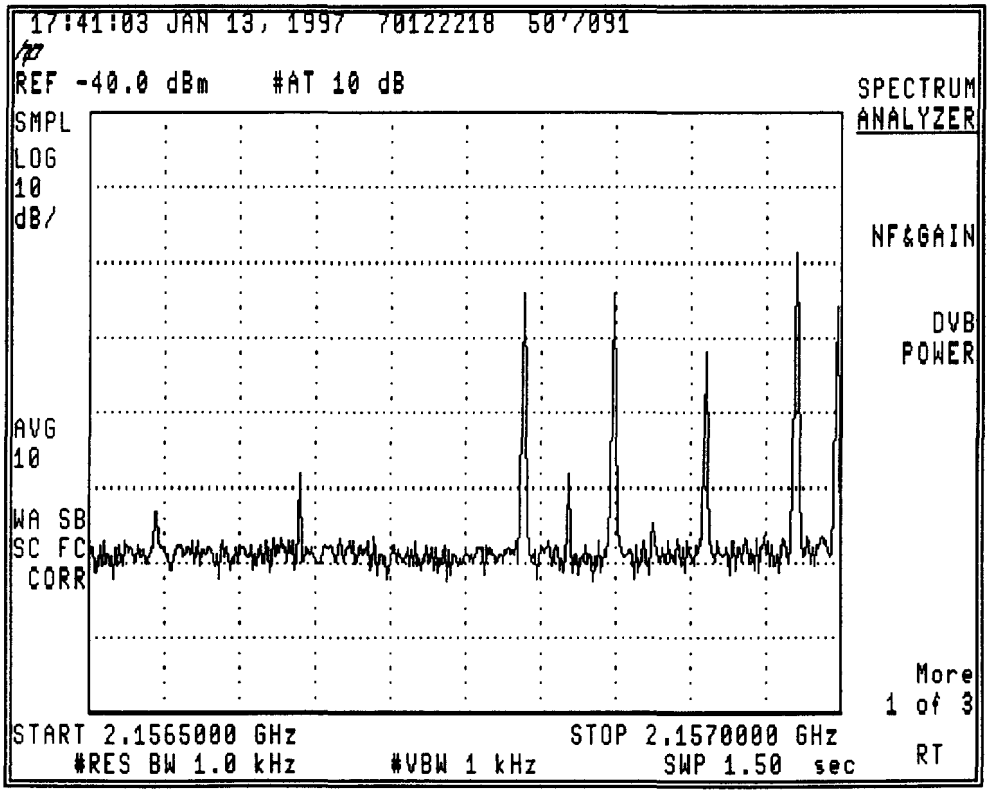

17:33:29 JAN 13, 1997 70122213 40'7091
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1580000 GHz
STOP 2.1585000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

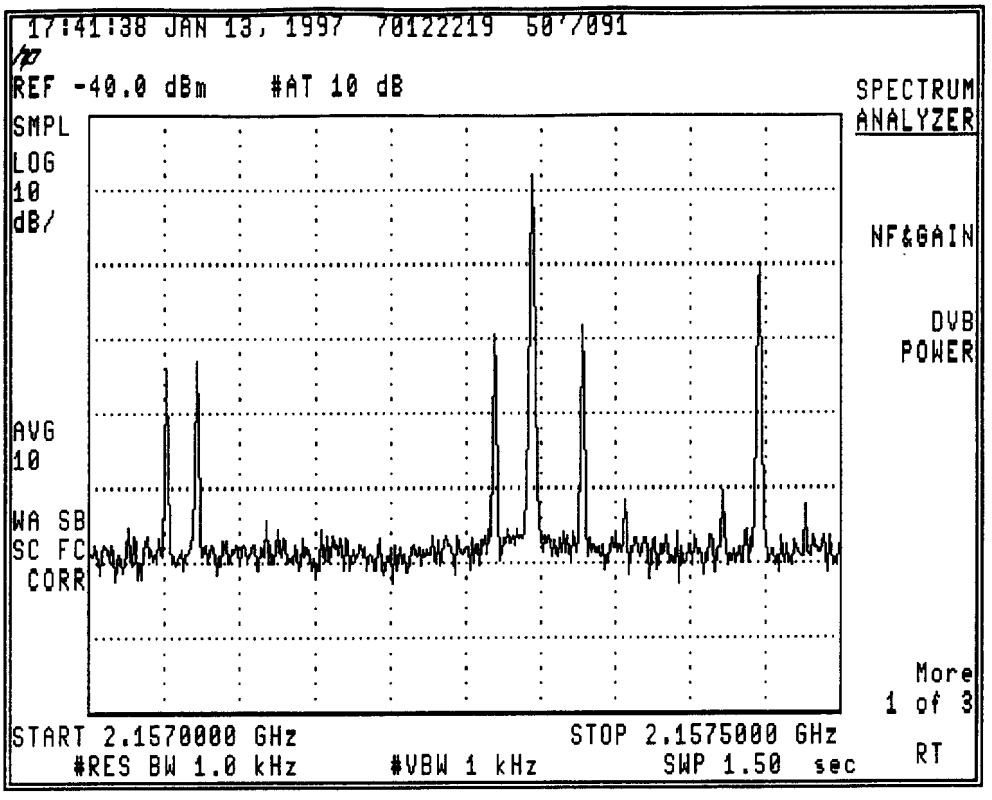

17:34:07 JAN 13, 1997 70122214 40'7091
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1585000 GHz
STOP 2.1590000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT

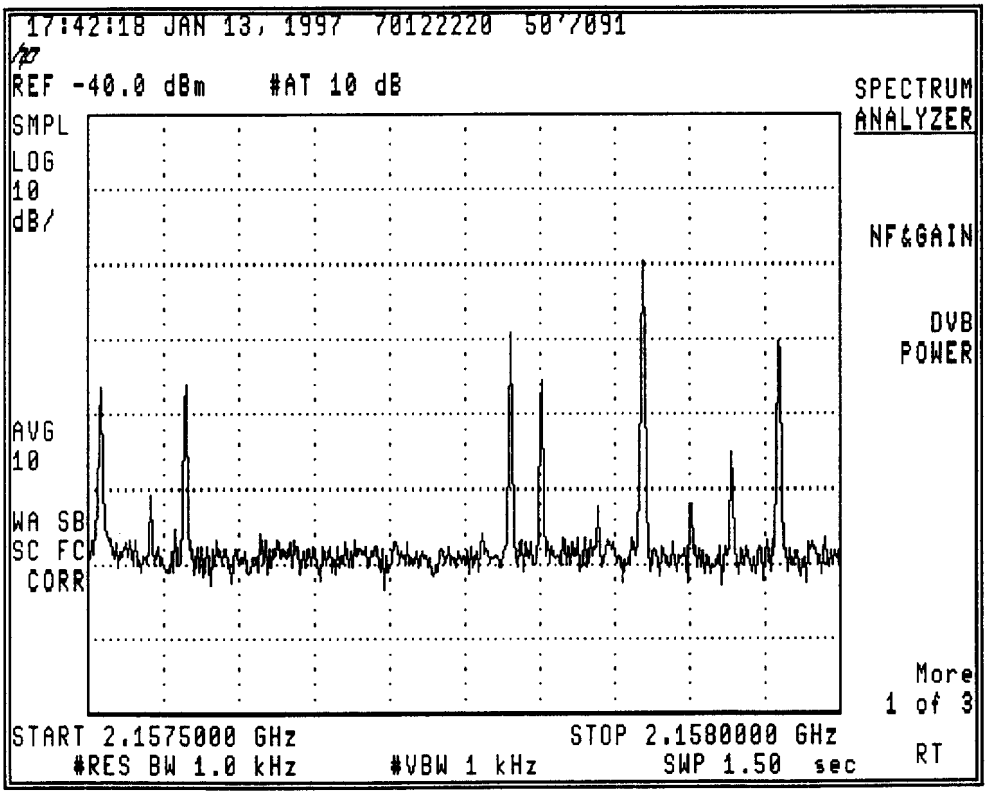

17:36:22 JAN 13, 1997 70122215 40'7091
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
DVB POWER
AVG
10
WA SB
SC FC
CORR
More
1 of 3
START 2.1590000 GHz
STOP 2.1595000 GHz
#RES BW 1.0 kHz
#VBW 1 kHz
SWP 1.50 sec
RT


17:37:00 JAN 13, 1997 70122216 40'7091
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
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


17:40:16 JAN 13, 1997 70122217 50'/091
REF -40.0 dBm #AT 10 dB
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
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


17:41:03 JAN 13, 1997 70122218 50'/091
REF -40.0 dBm #AT 10 dB
SPECTRUM
ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
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


17:41:38 JAN 13, 1997 70122219 507091
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
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


17:42:18 JAN 13, 1997 70122220 507091
REF -40.0 dBm #AT 10 dB
SPECTRUM ANALYZER
SMPL
LOG
10
dB/
NF&GAIN
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