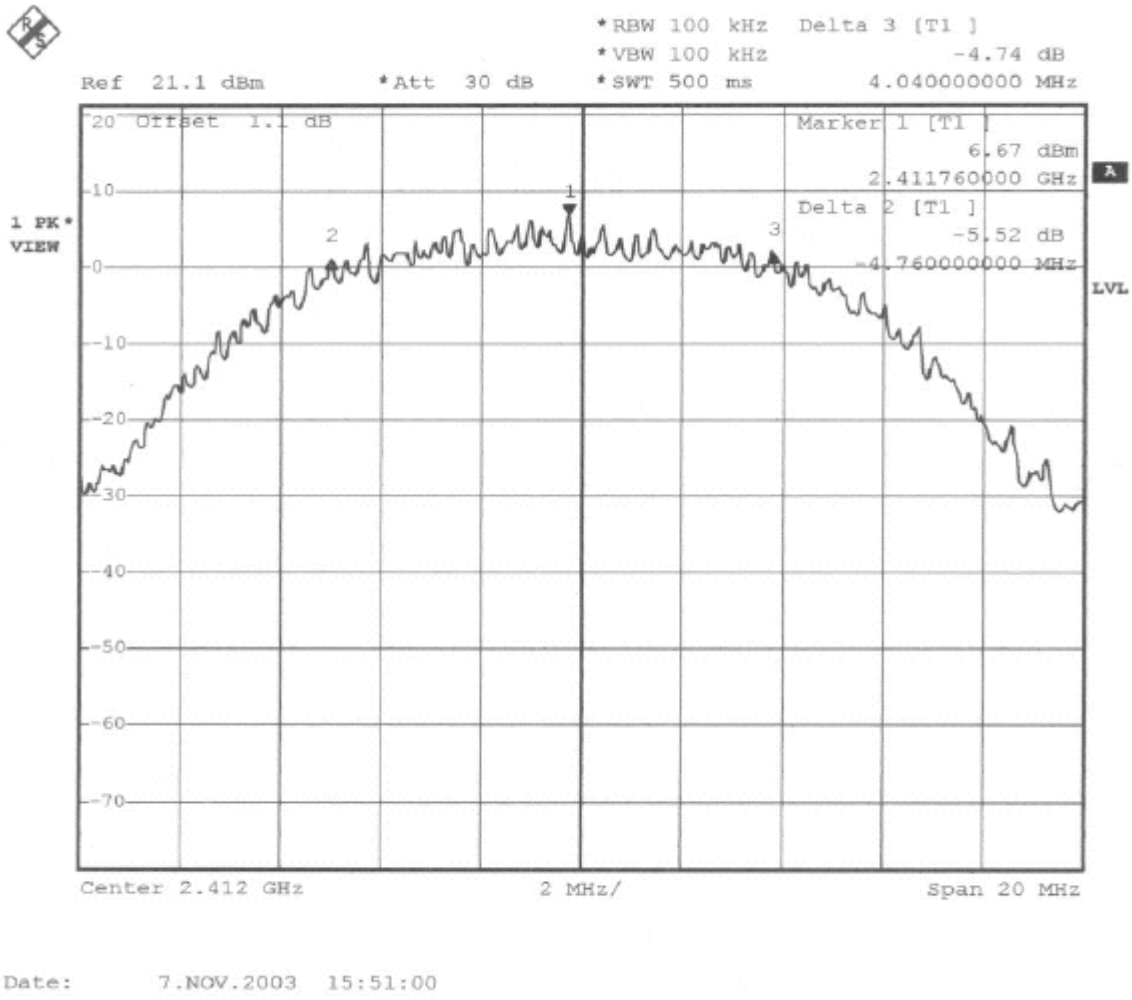
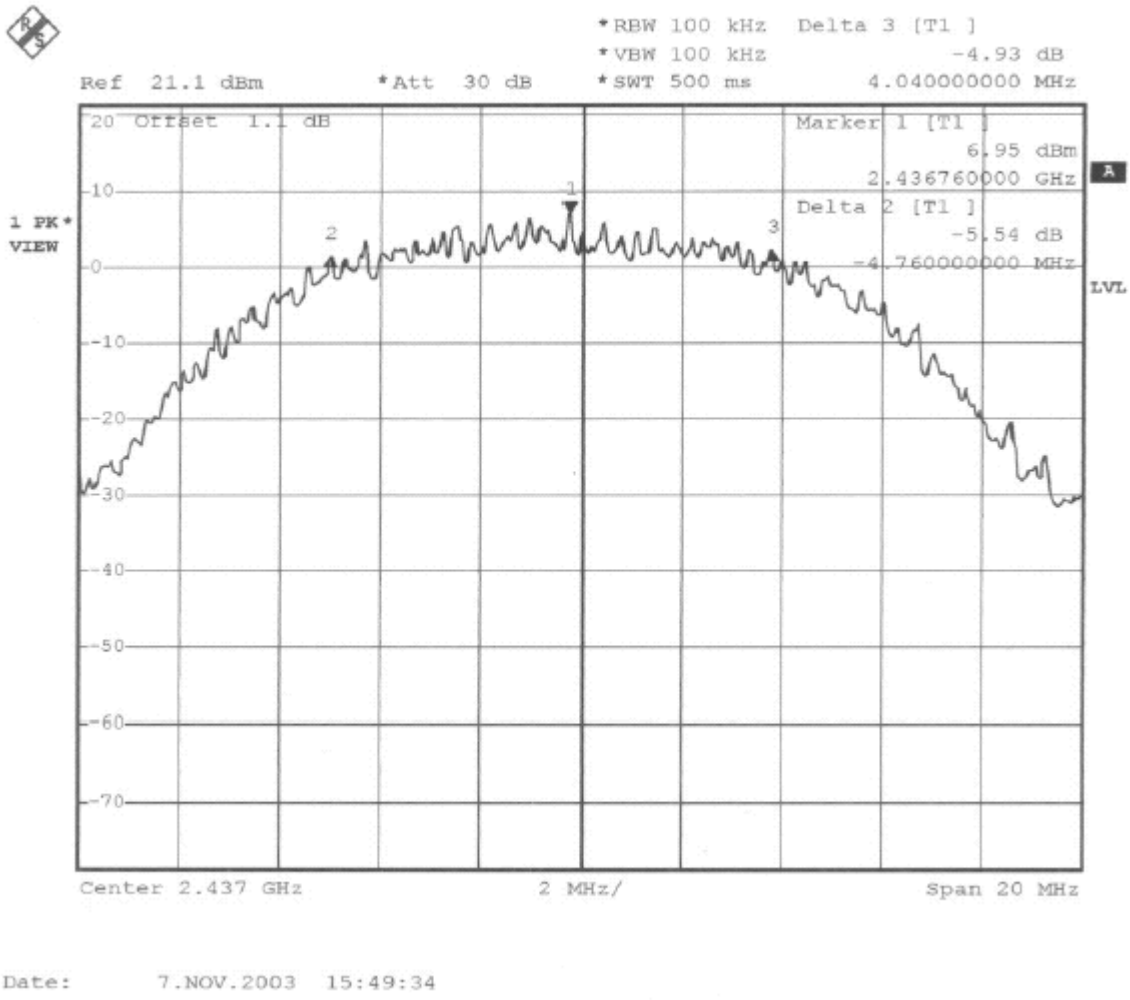
APPENDIX B. Test Pattern

1.1. 6dB Bandwidth

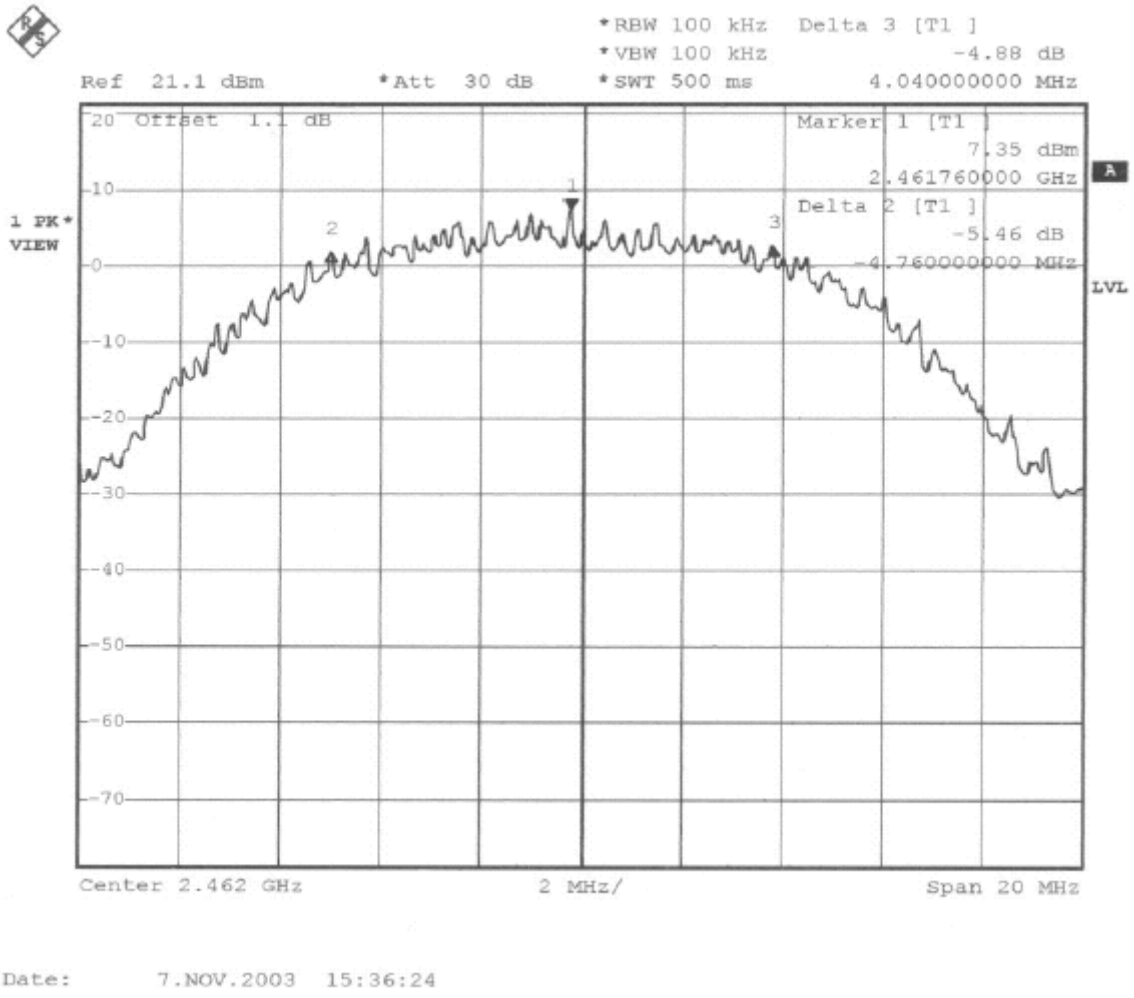
Plot1(Channel 1)：



Plot2(Channel 6)：



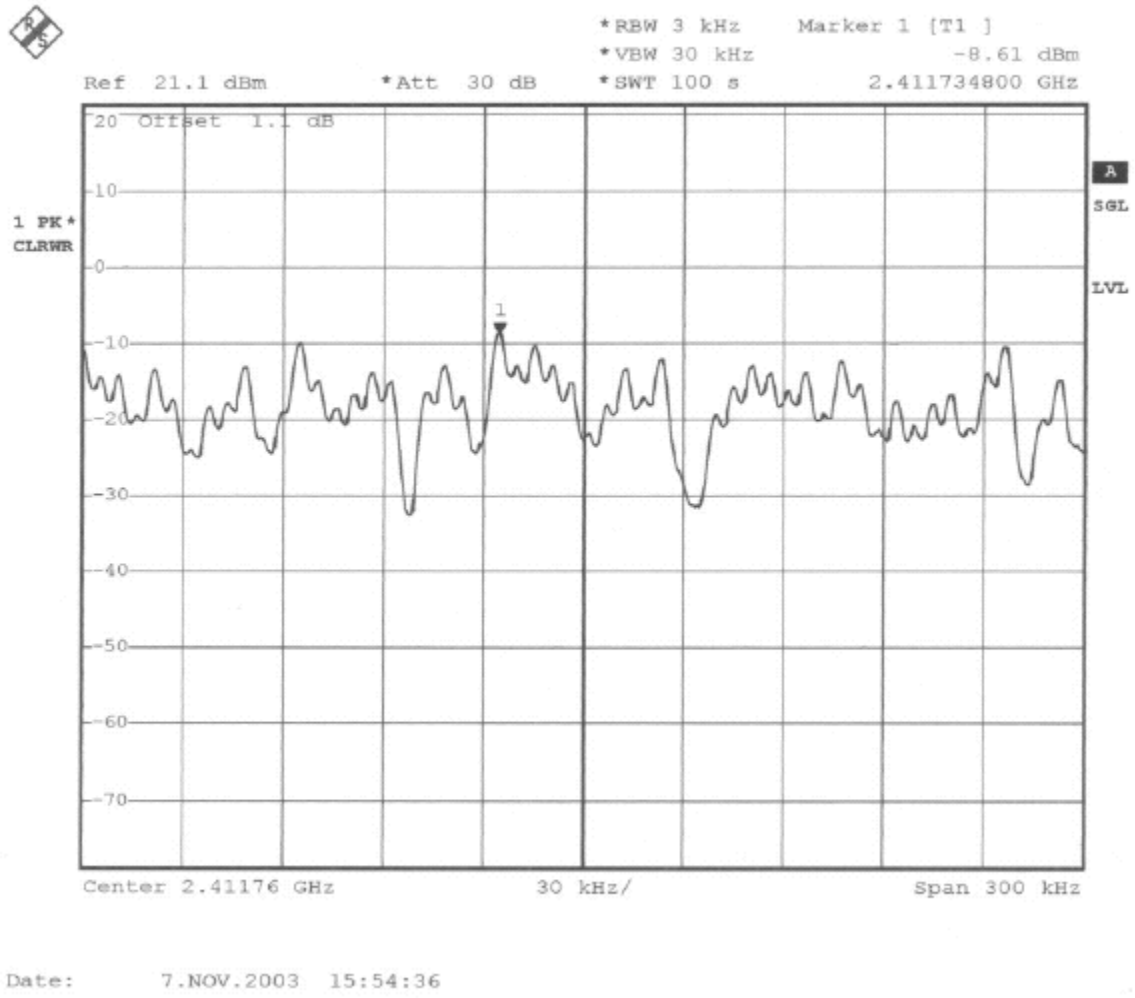
Plot3(Channel 11)：



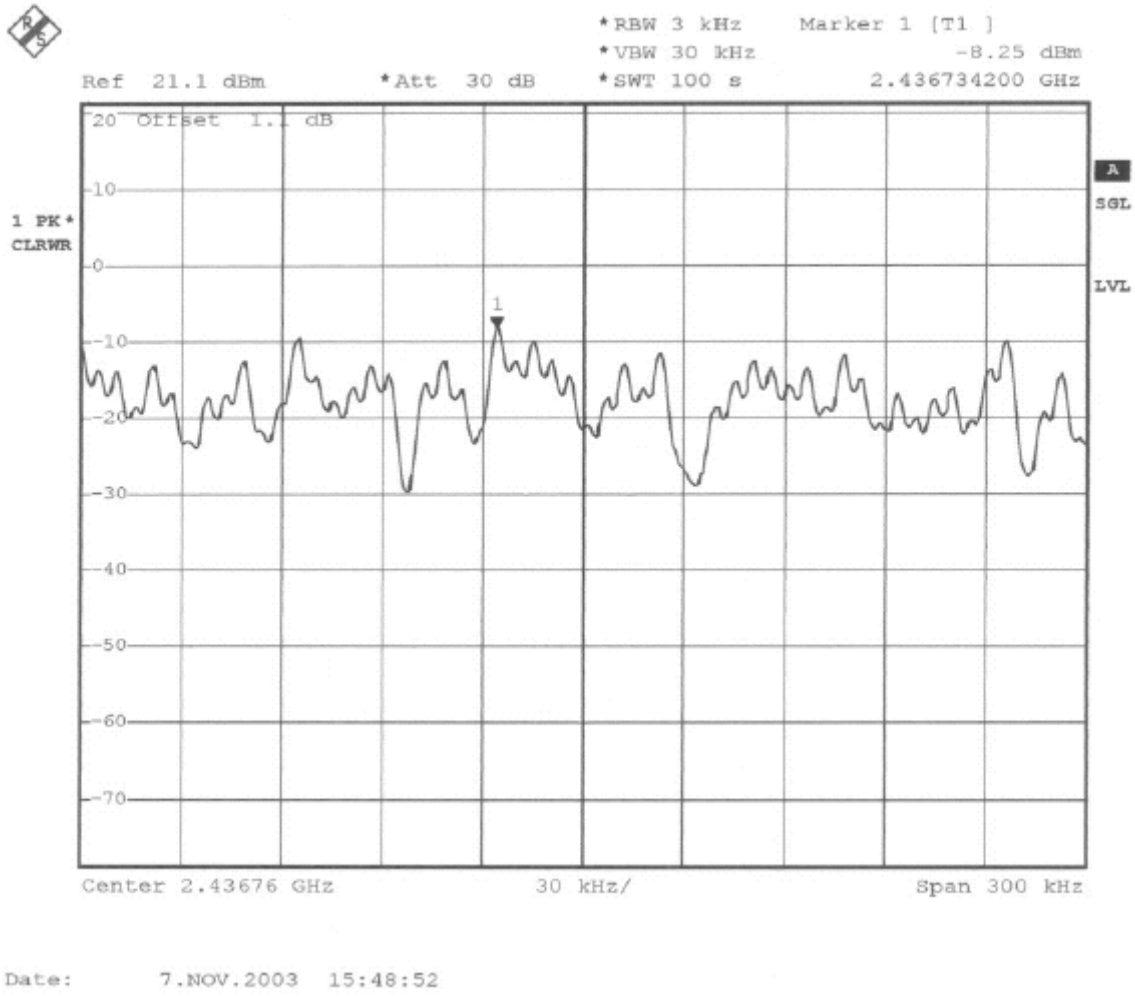
Comments：6dB Emission bandwidth >500kHz

1.2. Power Spectral Density

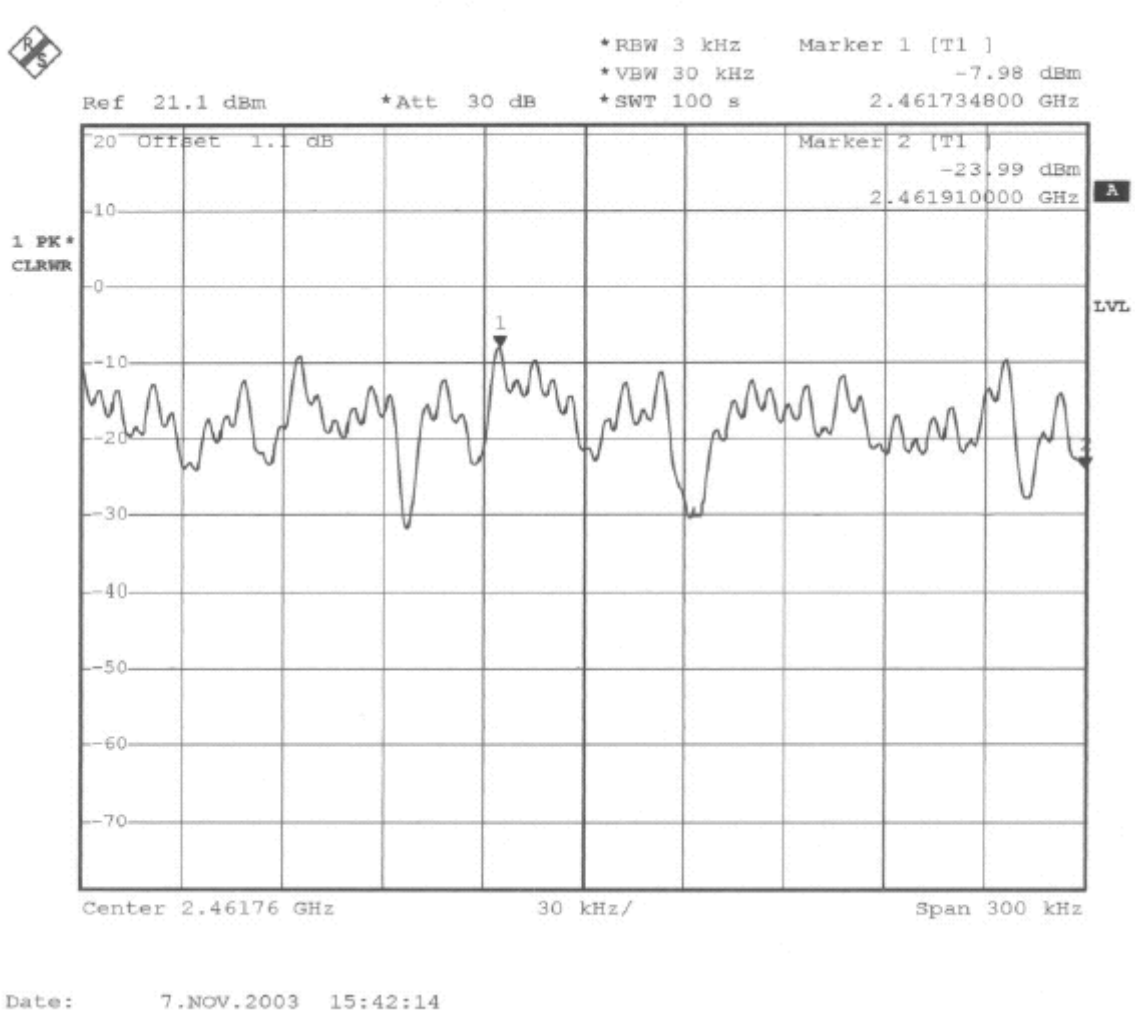
Plot1(Channel 1):



Plot2(Channel 6):

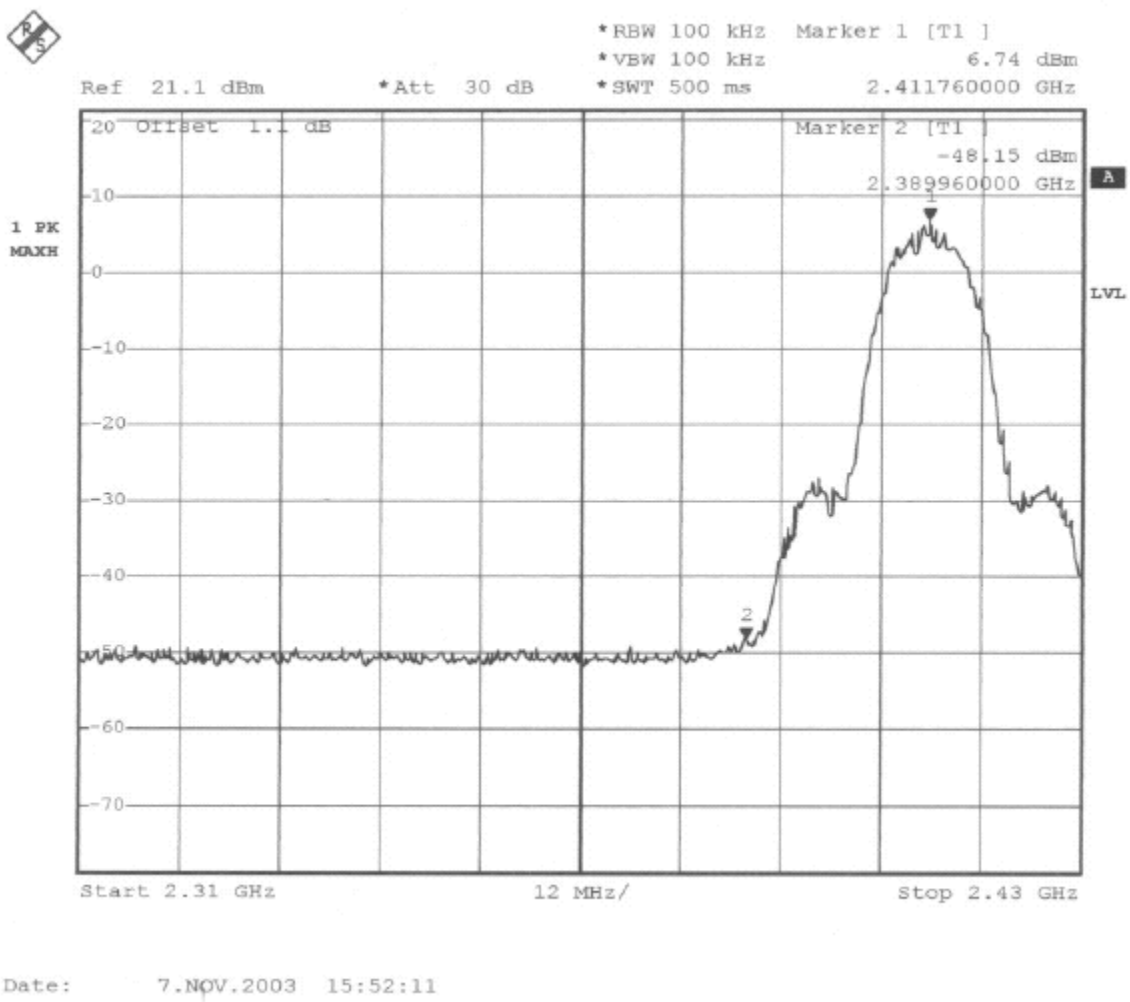


Plot3(Channel 11):

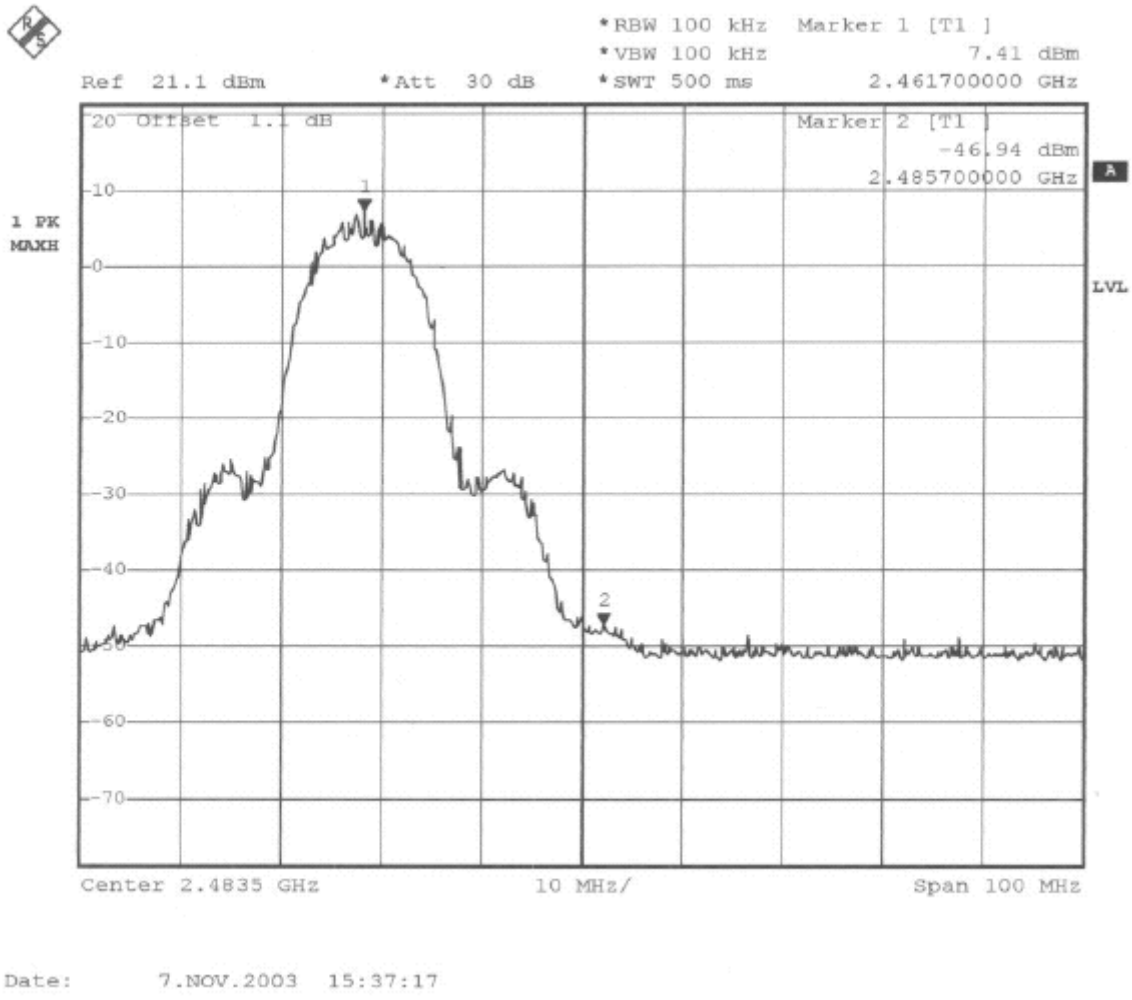


1.3. Band Edges Measurement

Plot1 (Channel 1)：



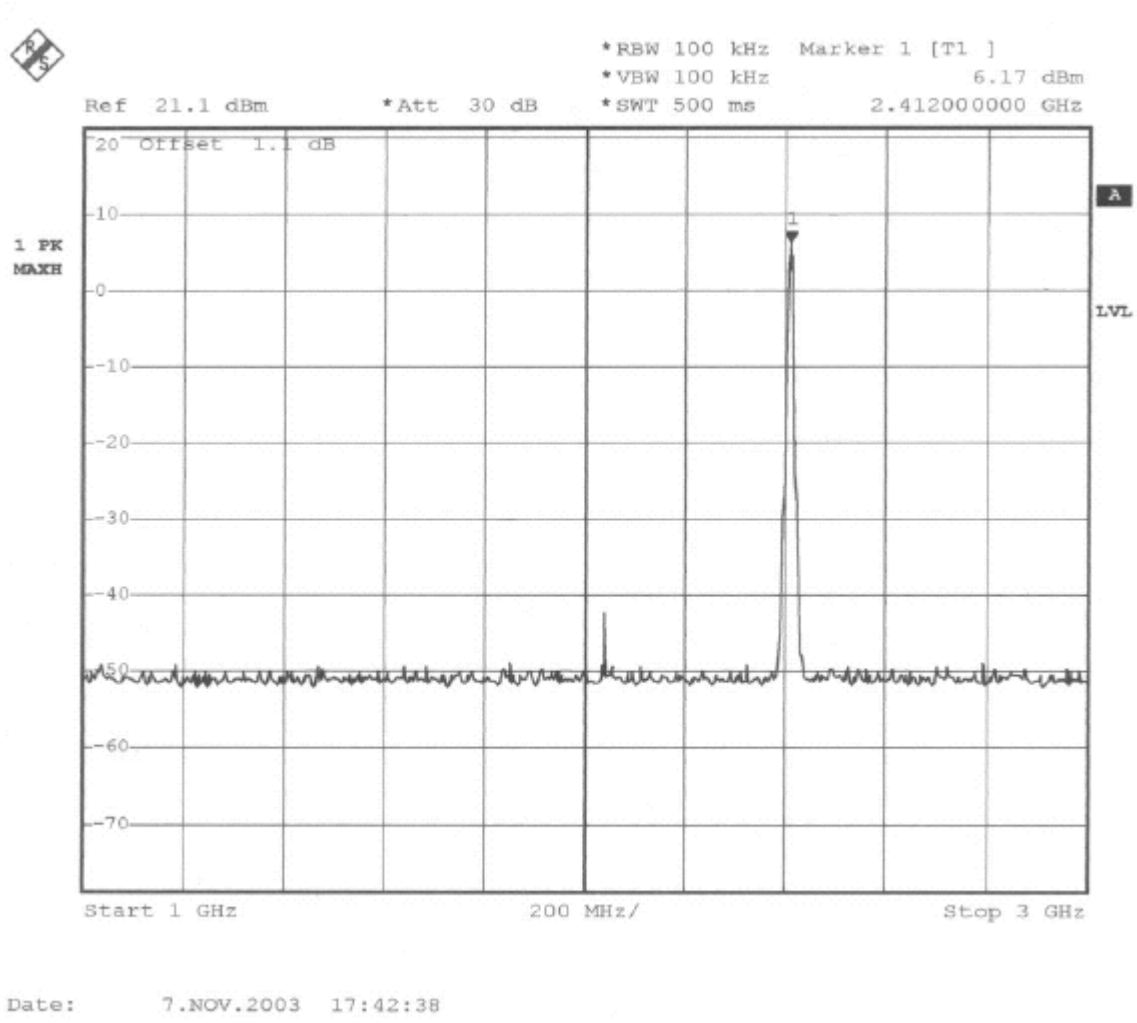
Plot2 (Channel 11)：

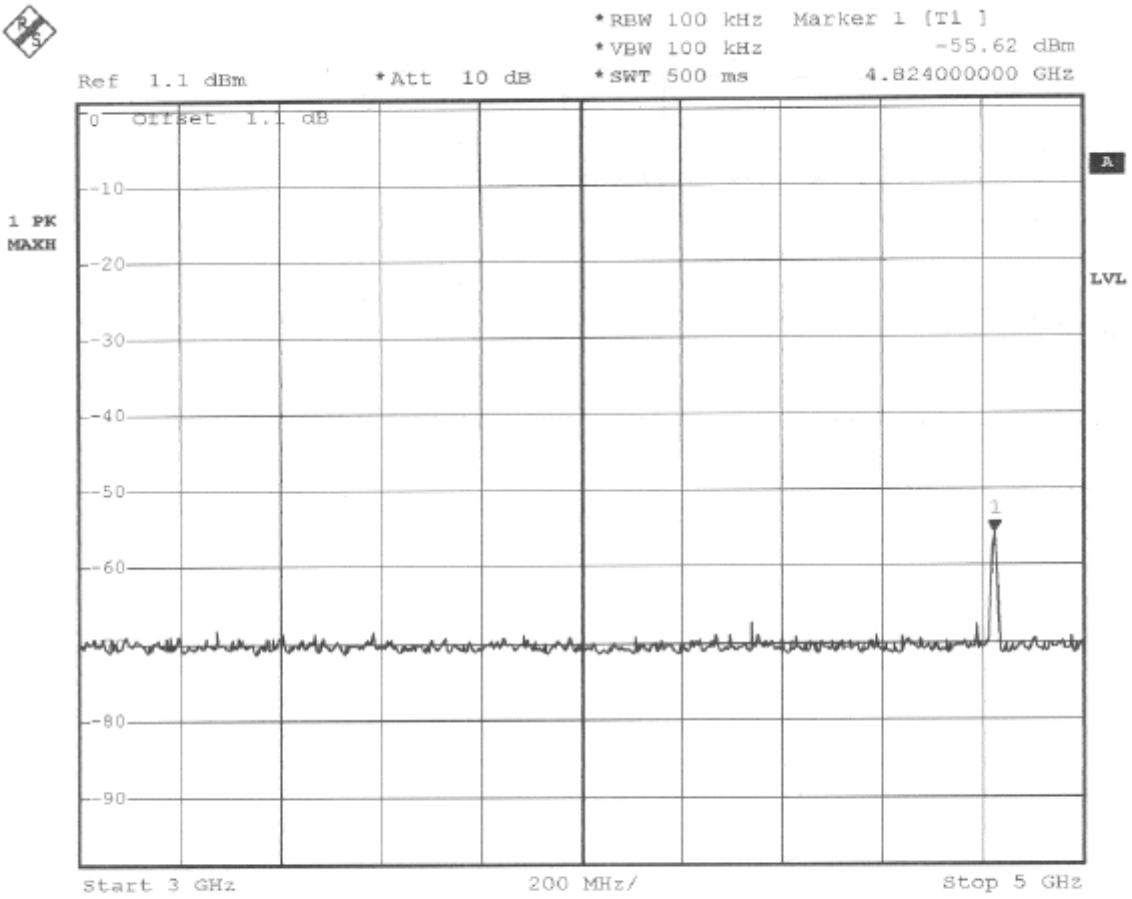


Comments： All emissions in any 100kHz bandwidth outside the band edge are attenuated more then 20dB from the carrier.

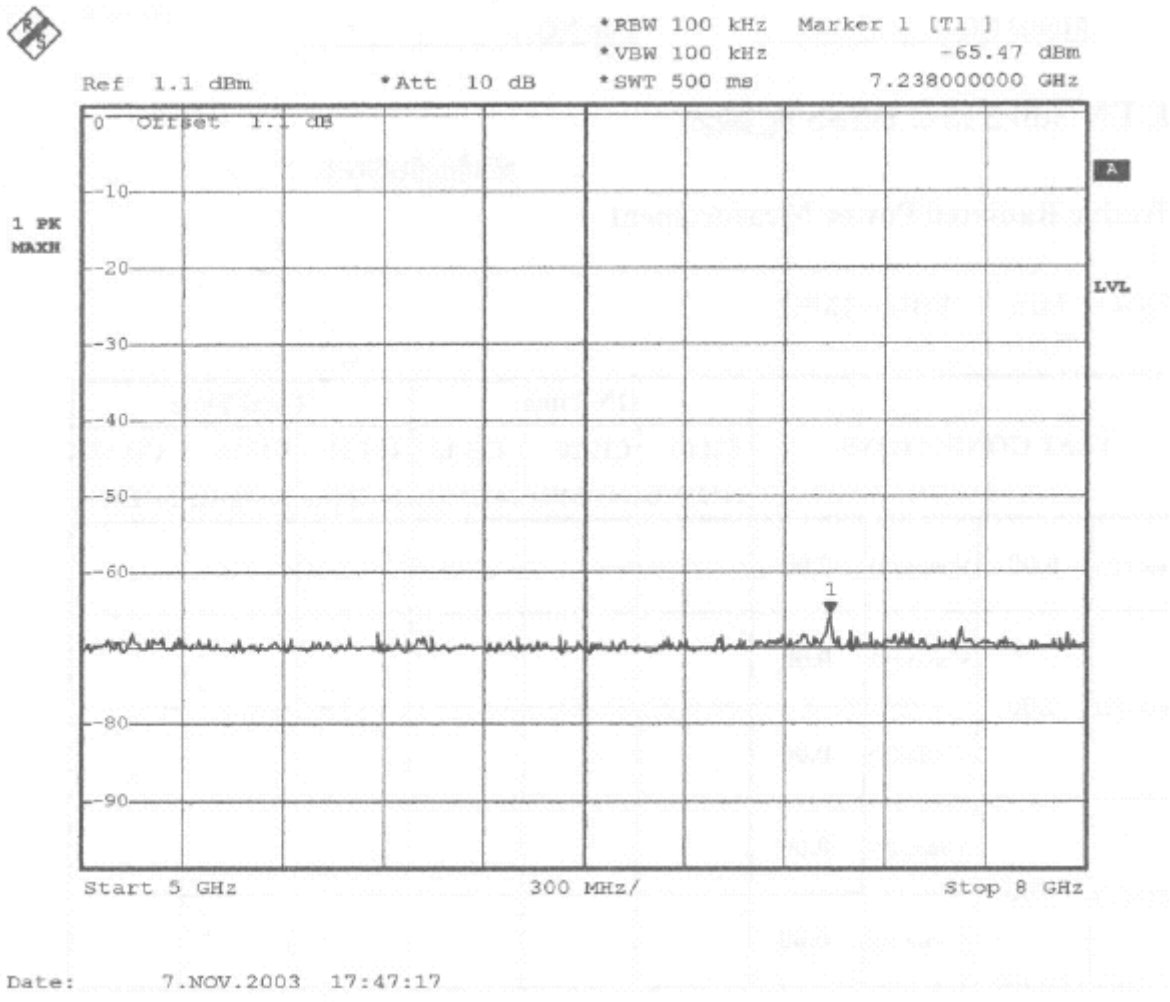
1.4. Test of Radiated Emission

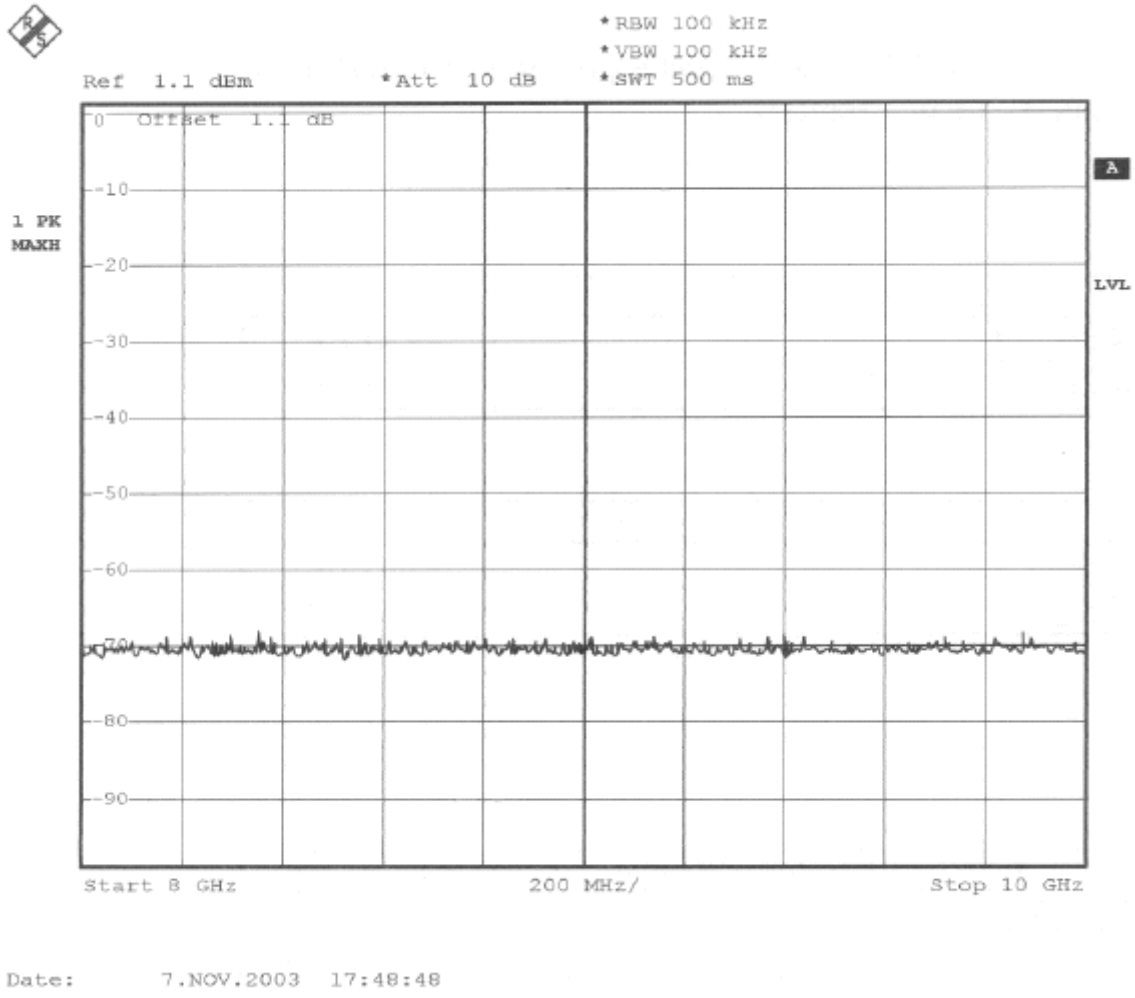
(Channel 1):

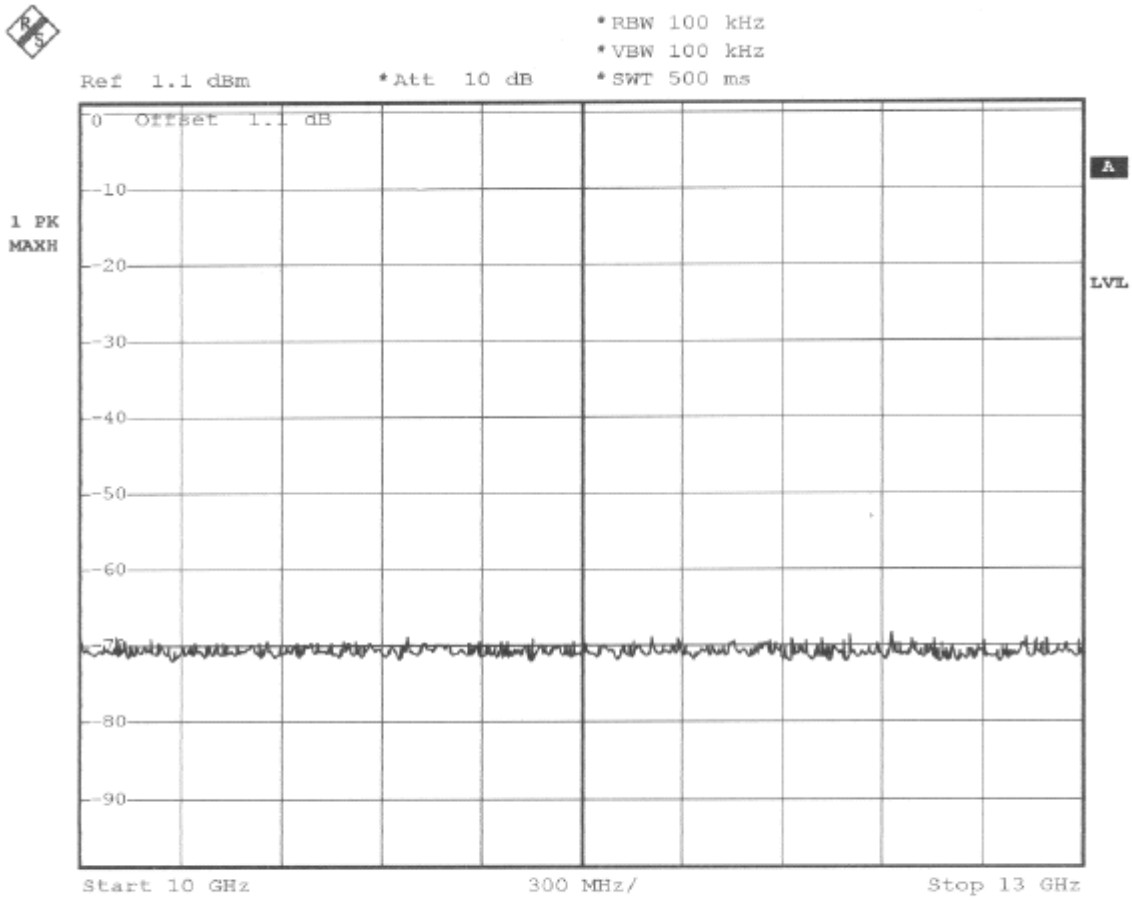


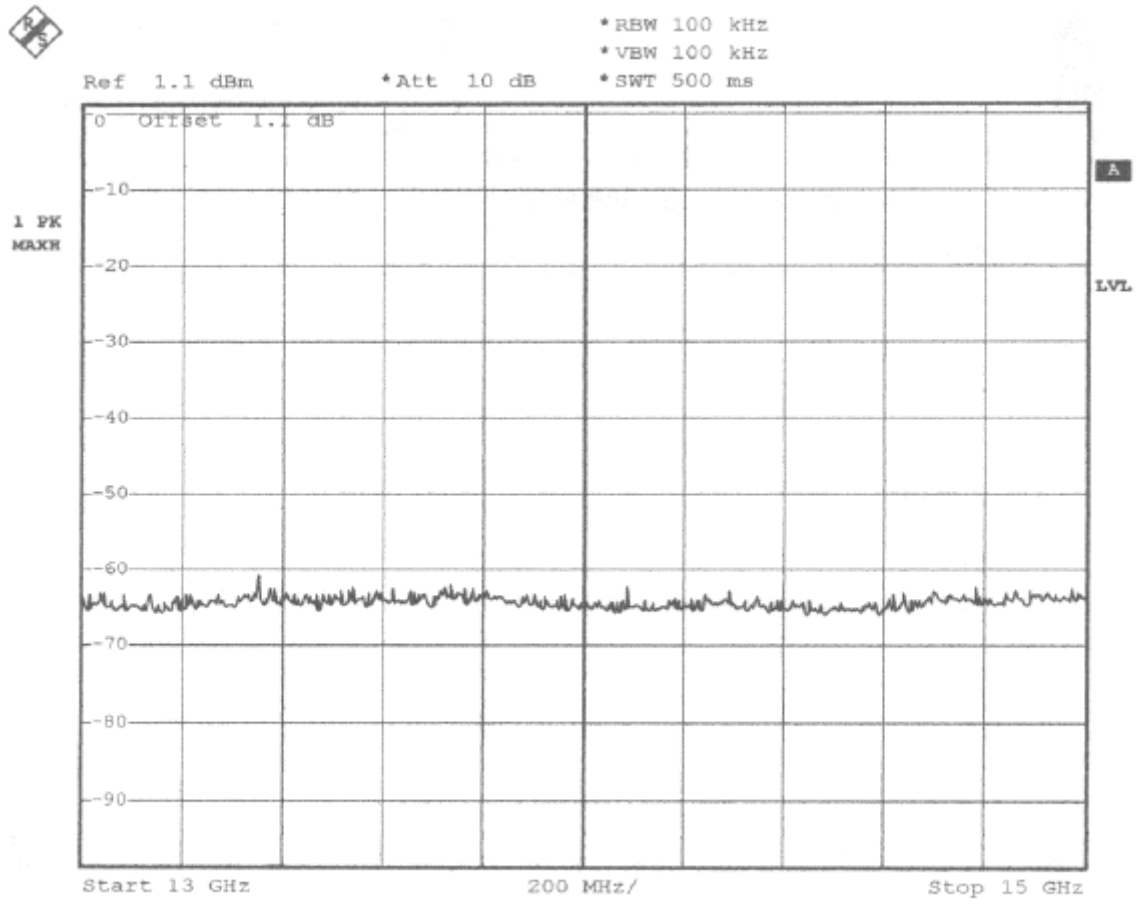


Date: 7.NOV.2003 17:48:05

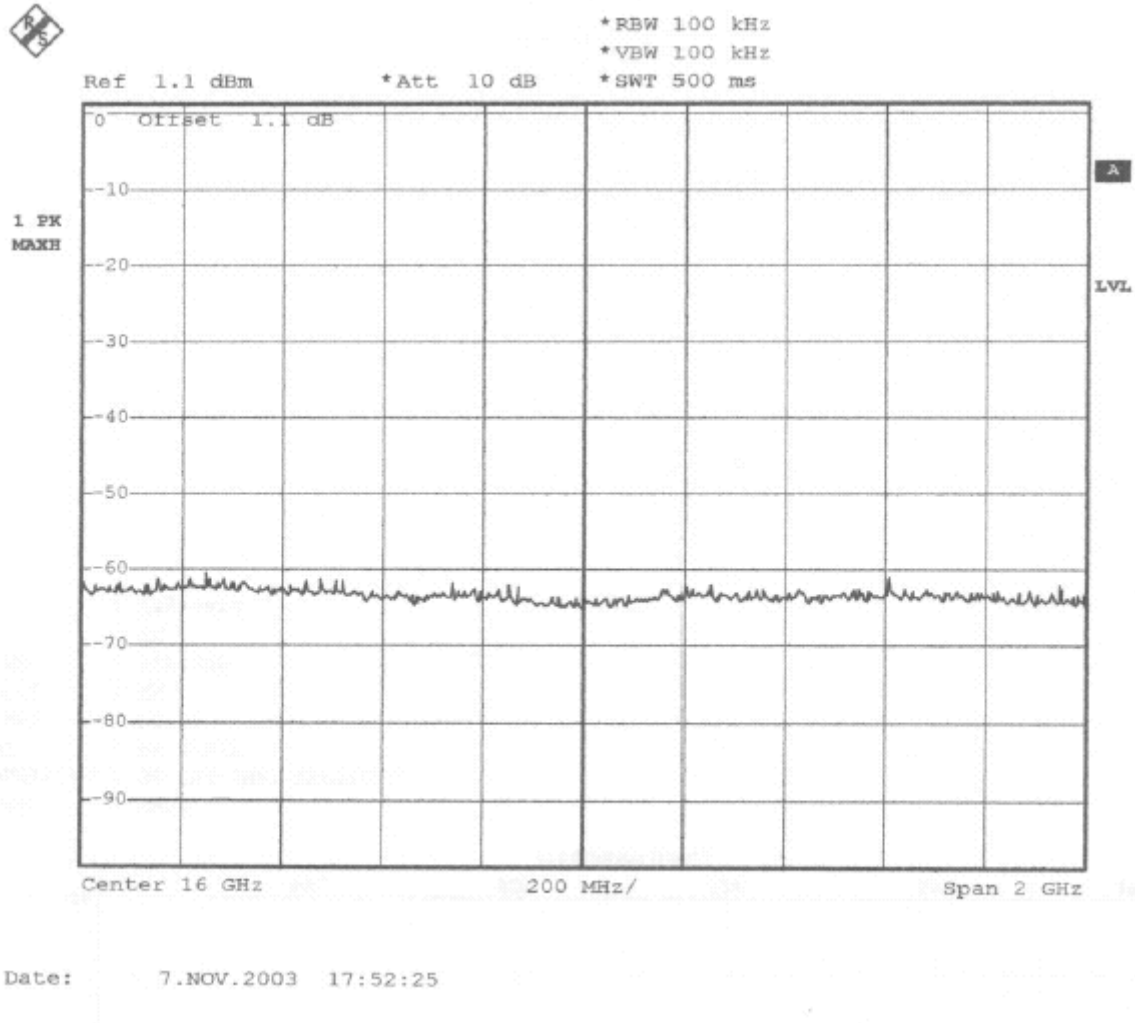

*RBW 100 kHz
Marker 1 [T1]
*VBW 100 kHz
-65.47 dBm
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
7.238000000 GHz
0 Offset 1.1 dB
-10
-20
-30
-40
-50
-60
-80
-90
1 PK
MAXH
A
LVL
1
Start 5 GHz
300 MHz/
Stop 8 GHz
Date: 7.NOV.2003 17:47:17

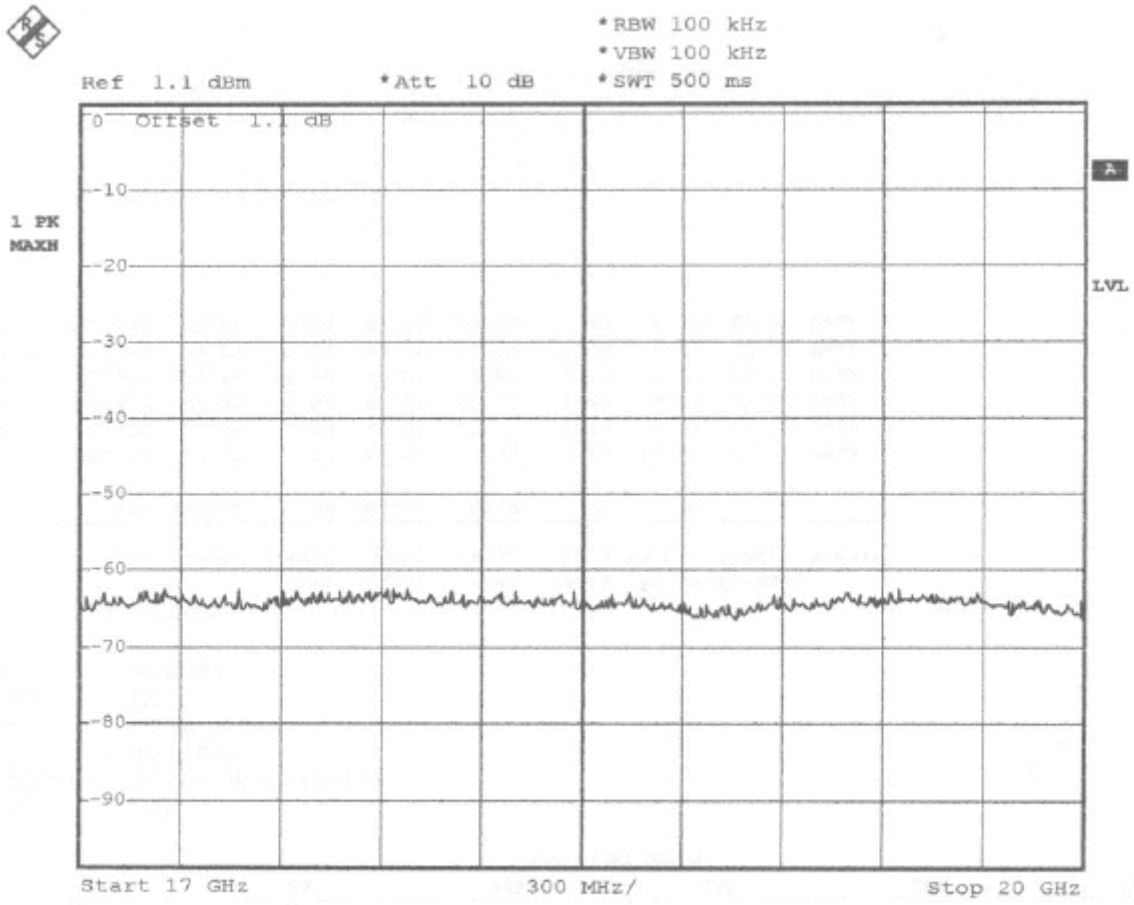

*RBW 100 kHz
*VBW 100 kHz
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
0 Offset 1.1 dB
-10
-20
-30
-40
-50
-60
-70
-80
-90
1 PK
MAXH
A
LVL
Start 8 GHz
200 MHz/
Stop 10 GHz
Date: 7.NOV.2003 17:48:48

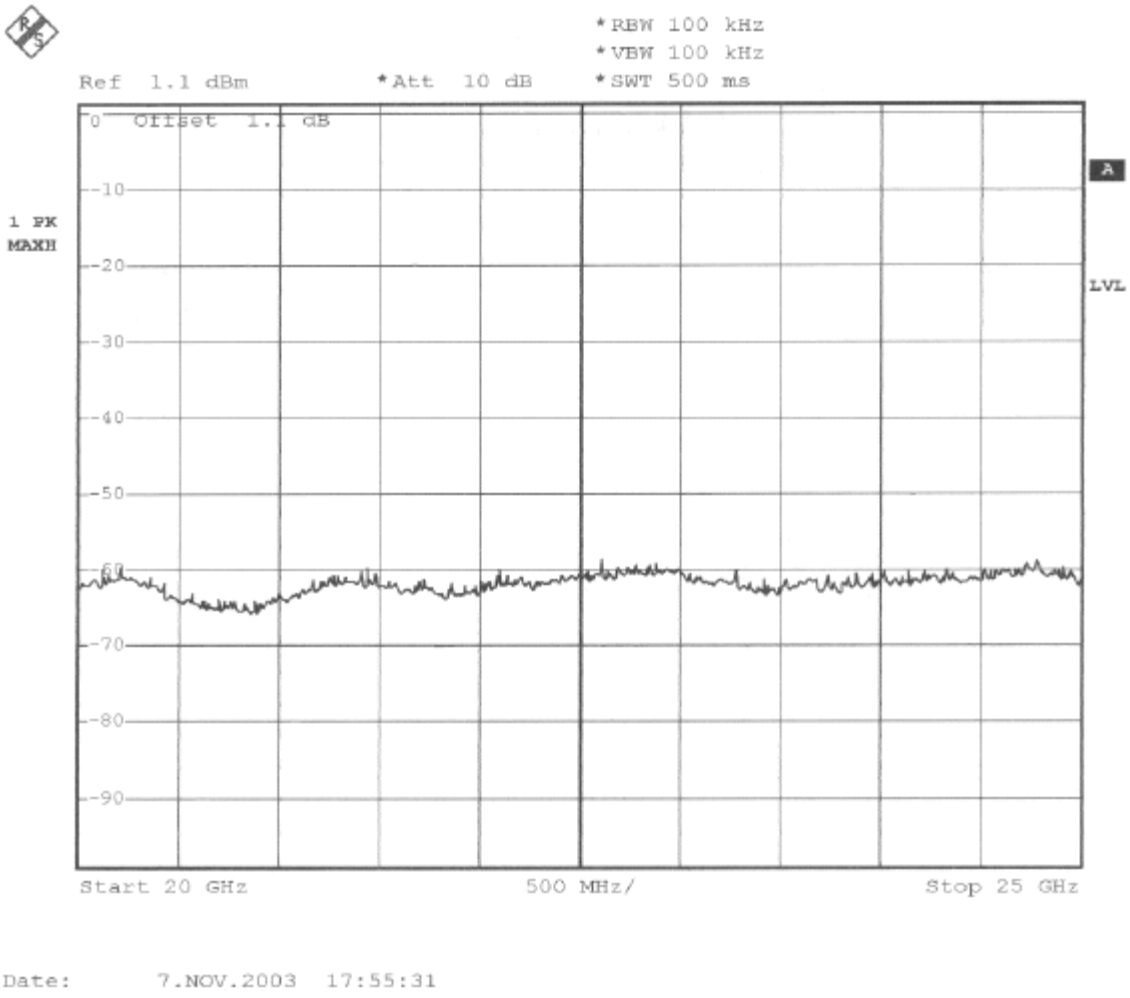

*RBW 100 kHz
*VBW 100 kHz
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
0 Offset 1.1 dB
1 PK
MAXH
A
LVL
-10
-20
-30
-40
-50
-60
-80
-90
Start 10 GHz
300 MHz/
Stop 13 GHz
Date: 7.NOV.2003 17:49:32



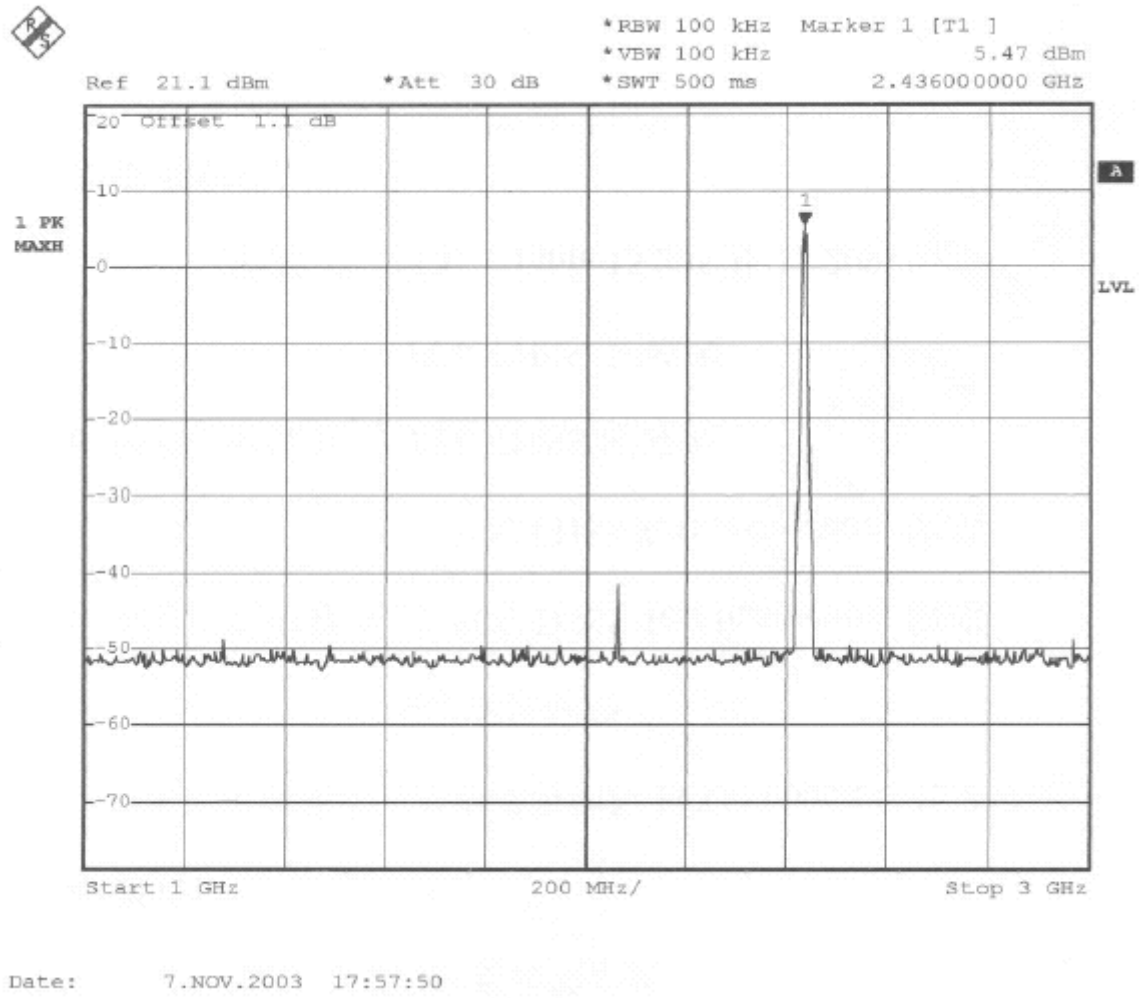
Date: 7.NOV.2003 17:49:52

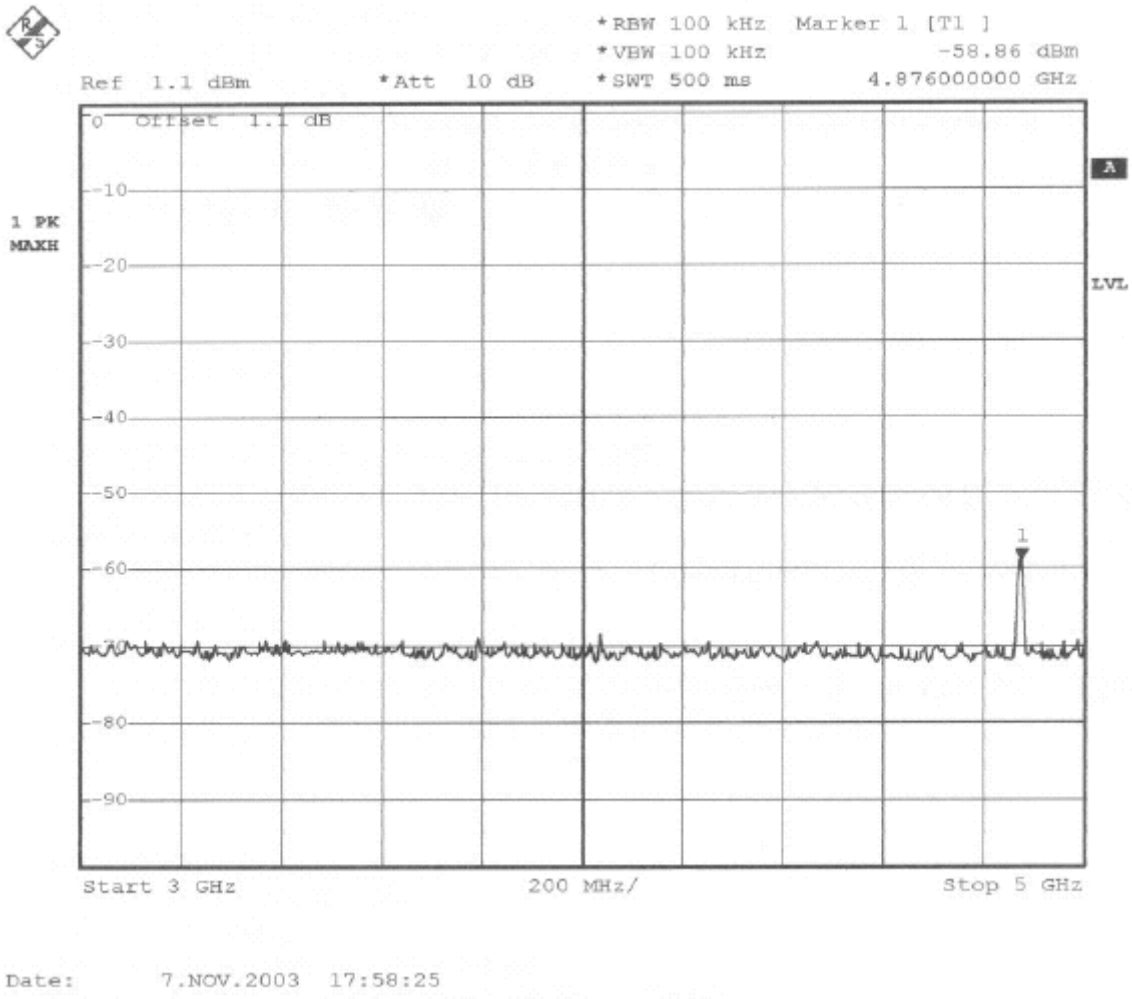

*RBW 100 kHz
*VBW 100 kHz
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
0 Offset 1.1 dB
-10
-20
-30
-40
-50
-60
-70
-80
-90
1 PK
MAXH
A
LVL
Center 16 GHz
200 MHz/
Span 2 GHz
Date: 7.NOV.2003 17:52:25

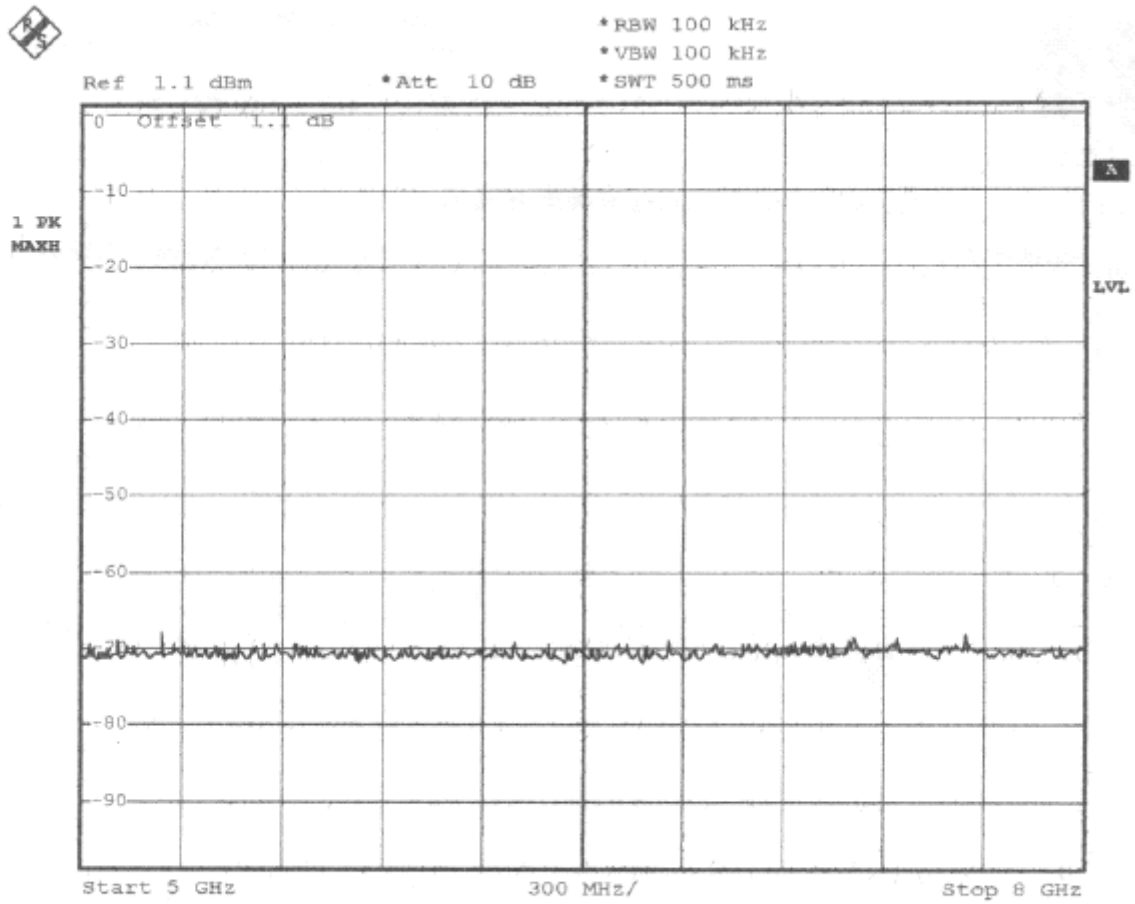

*RBW 100 kHz
*VBW 100 kHz
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
0 Offset 1.1 dB
-10
-20
-30
-40
-50
-60
-70
-80
-90
1 PK
MAXH
A
LVL
Start 17 GHz
300 MHz/
Stop 20 GHz
Date: 7.NOV.2003 17:53:46

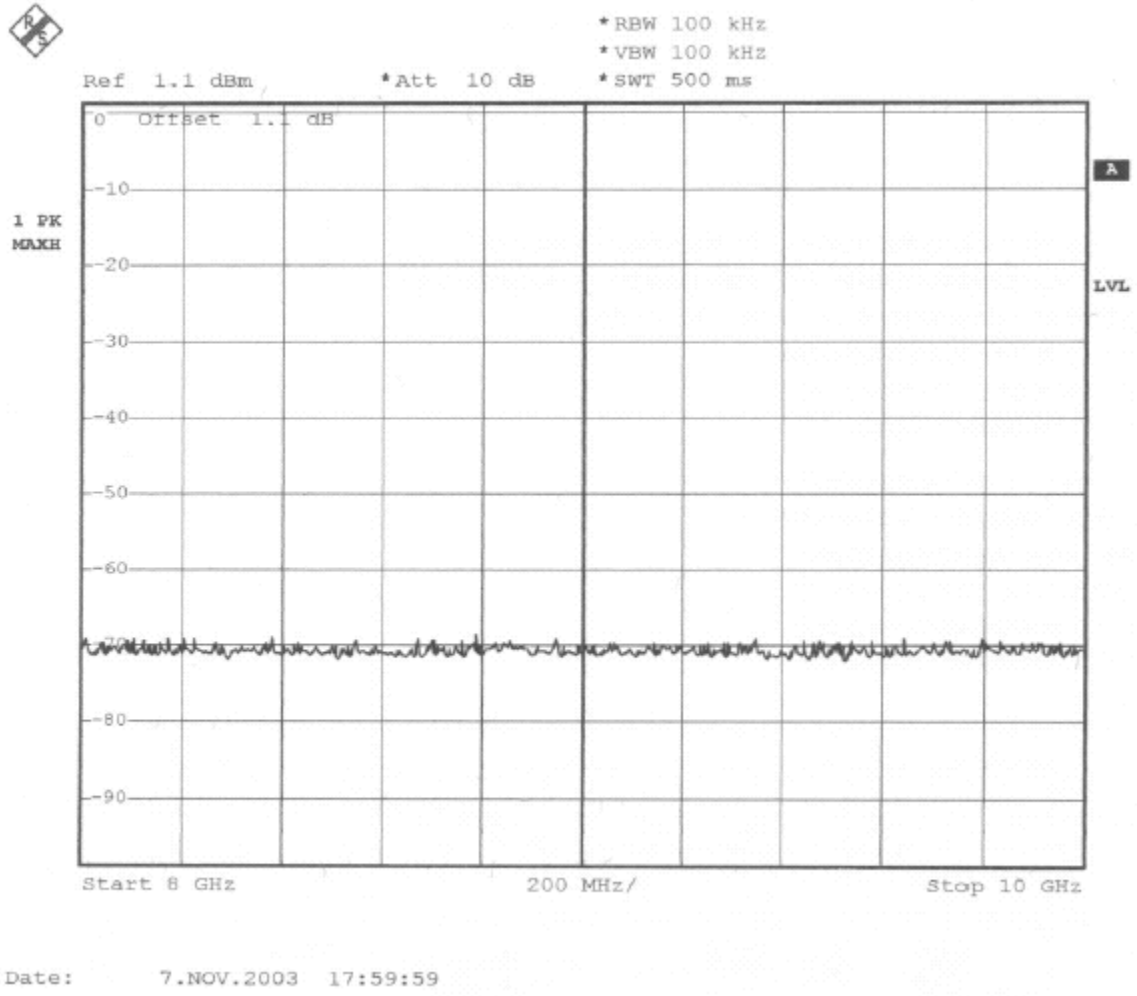

*RBW 100 kHz
*VBW 100 kHz
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
Offset 1.1 dB
1 PK
MAXH
A
LVL
-10
-20
-30
-40
-50
-60
-70
-80
-90
Start 20 GHz
500 MHz/
Stop 25 GHz
Date: 7.NOV.2003 17:55:31

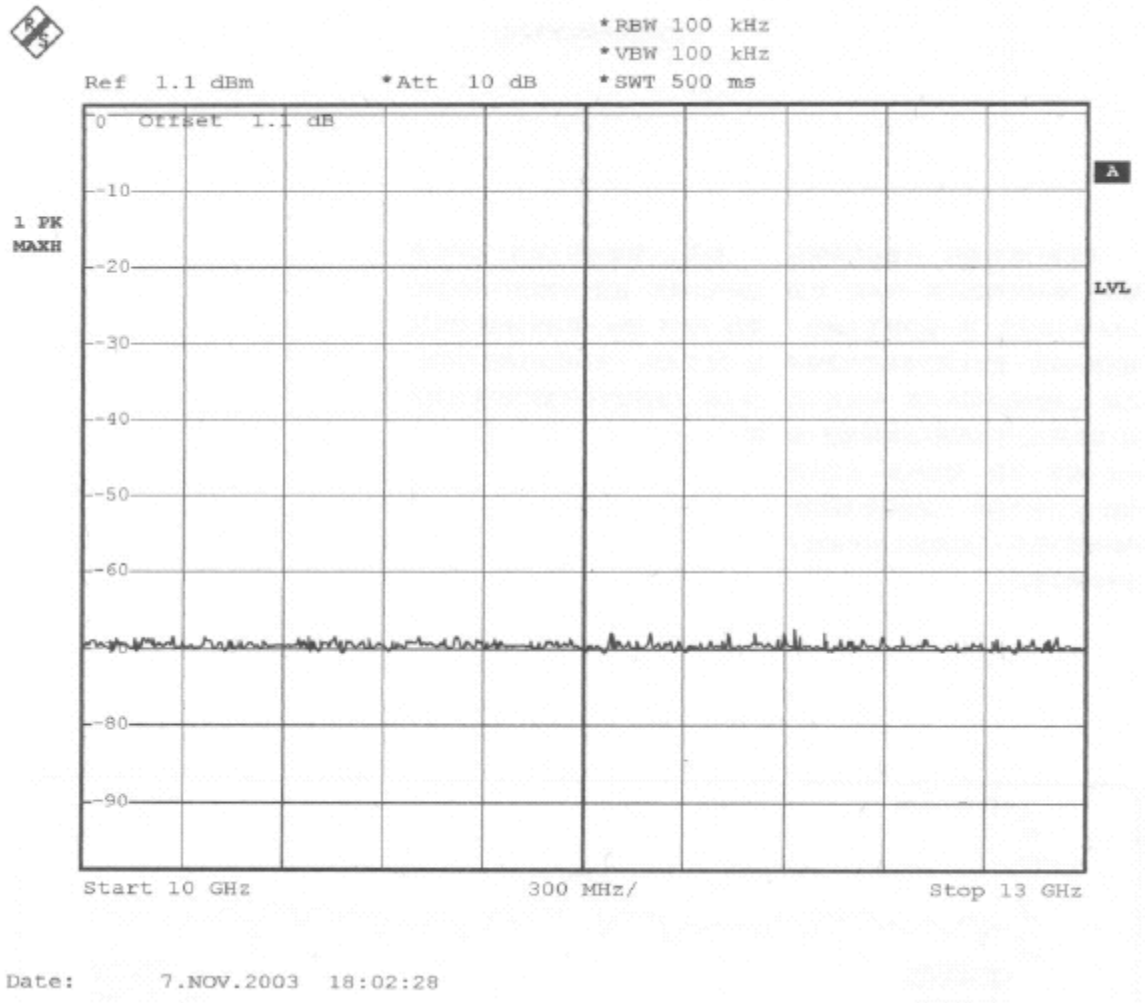
Channel 6:

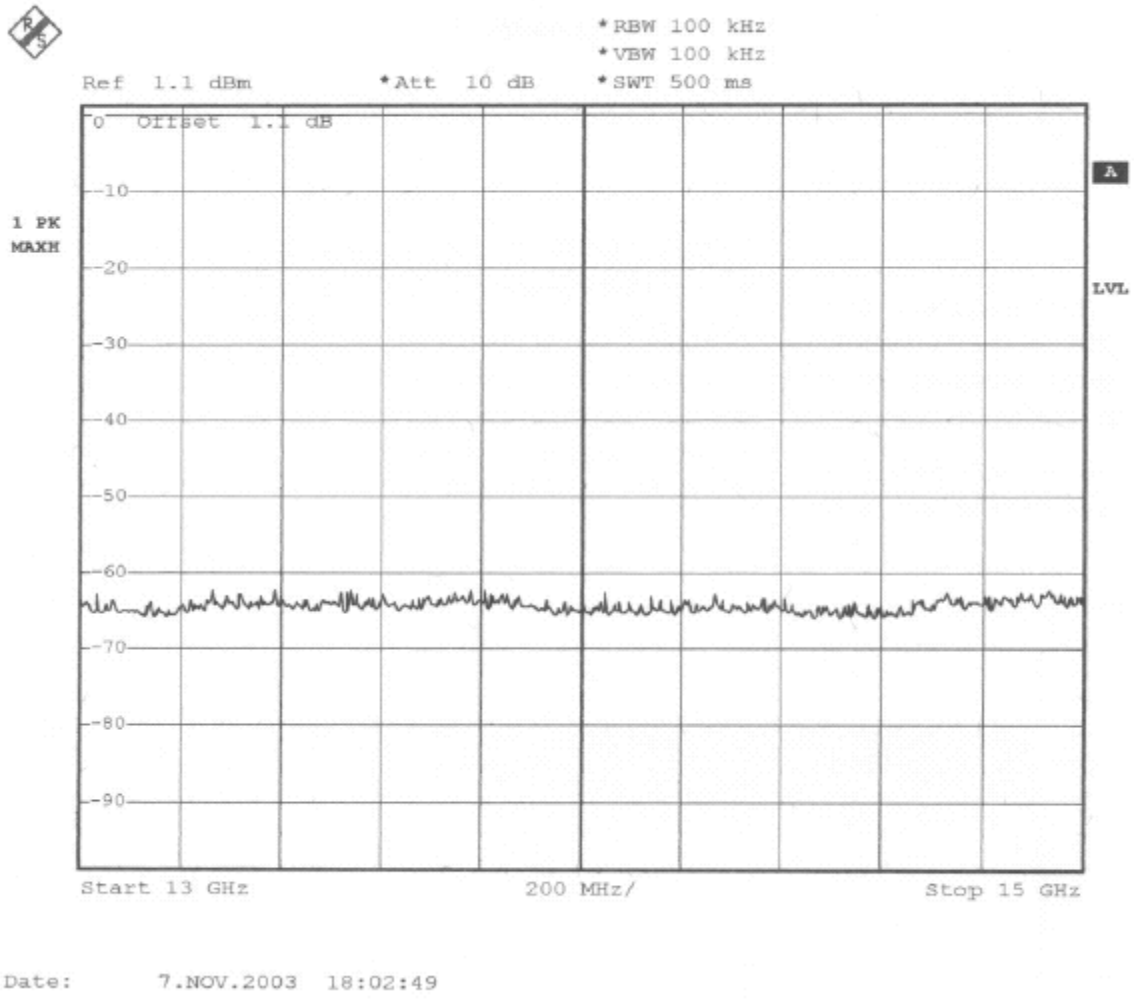

*RBW 100 kHz
Marker 1 [T1]
*VBW 100 kHz
5.47 dBm
Ref 21.1 dBm
*Att 30 dB
*SWT 500 ms
2.436000000 GHz
Offset 1.1 dB
1 PK
MAXH
A
LVL
20
10
0
-10
-20
-30
-40
-50
-60
-70
Start 1 GHz
200 MHz/
Stop 3 GHz
Date: 7.NOV.2003 17:57:50

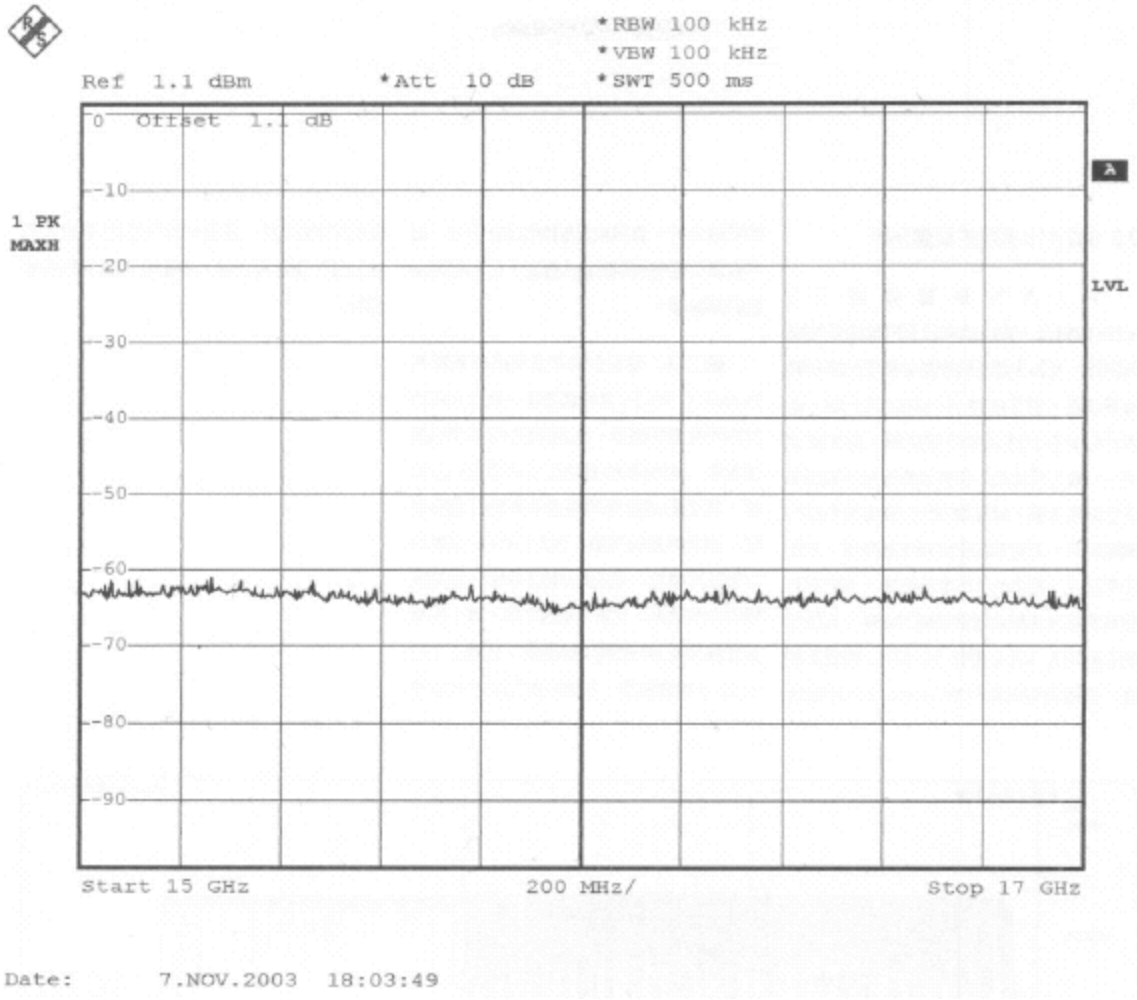

*RBW 100 kHz
Marker 1 [T1]
*VBW 100 kHz
-58.86 dBm
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
4.876000000 GHz
Offset 1.1 dB
1 PK
MAXH
A
LVL
-10
-20
-30
-40
-50
-60
-80
-90
1
Start 3 GHz
200 MHz/
Stop 5 GHz
Date: 7.NOV.2003 17:58:25

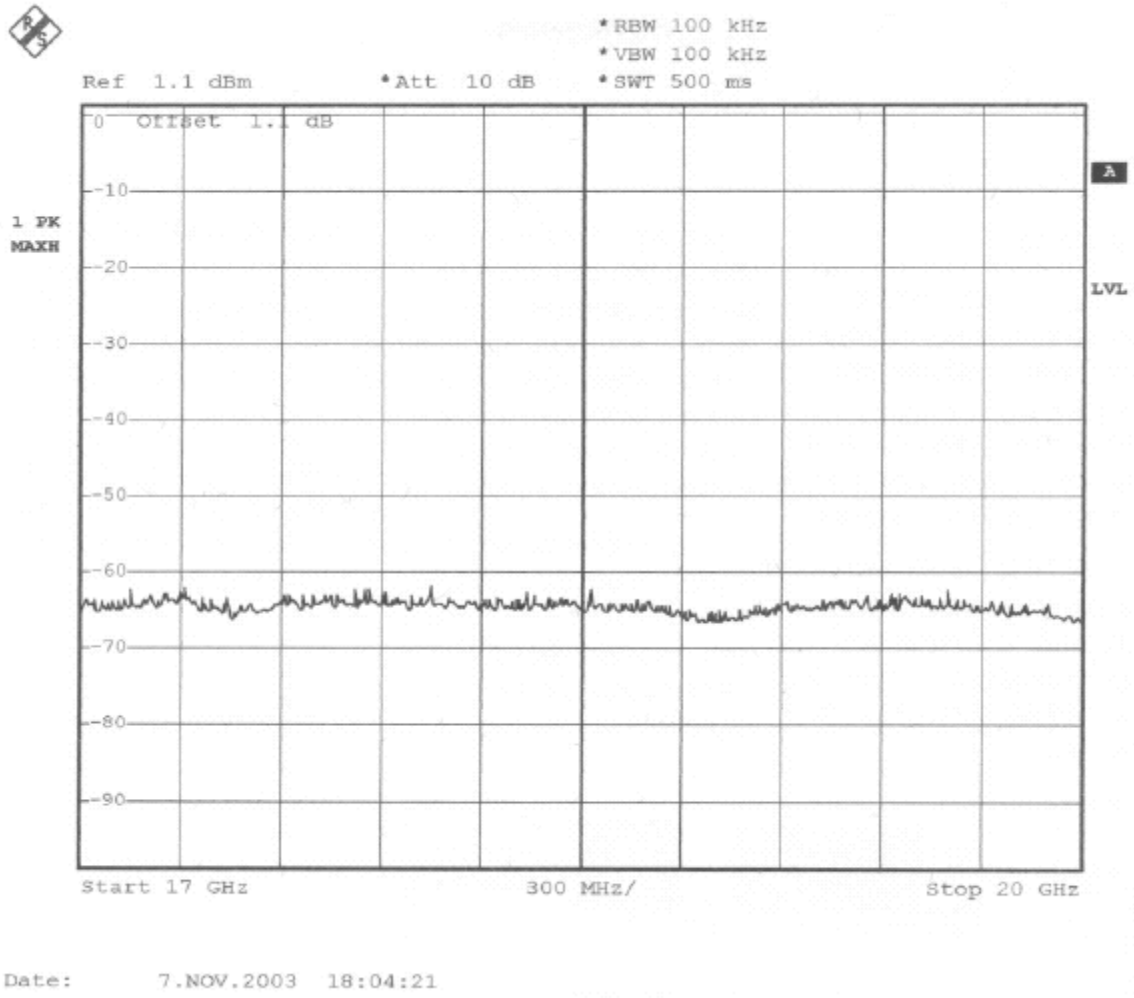

*RBW 100 kHz
*VBW 100 kHz
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
0 Offset 1.1 dB
-10
-20
-30
-40
-50
-60
-70
-80
-90
1 PK
MAXH
A
LVL
Start 5 GHz
300 MHz/
Stop 8 GHz
Date: 7.NOV.2003 17:59:37

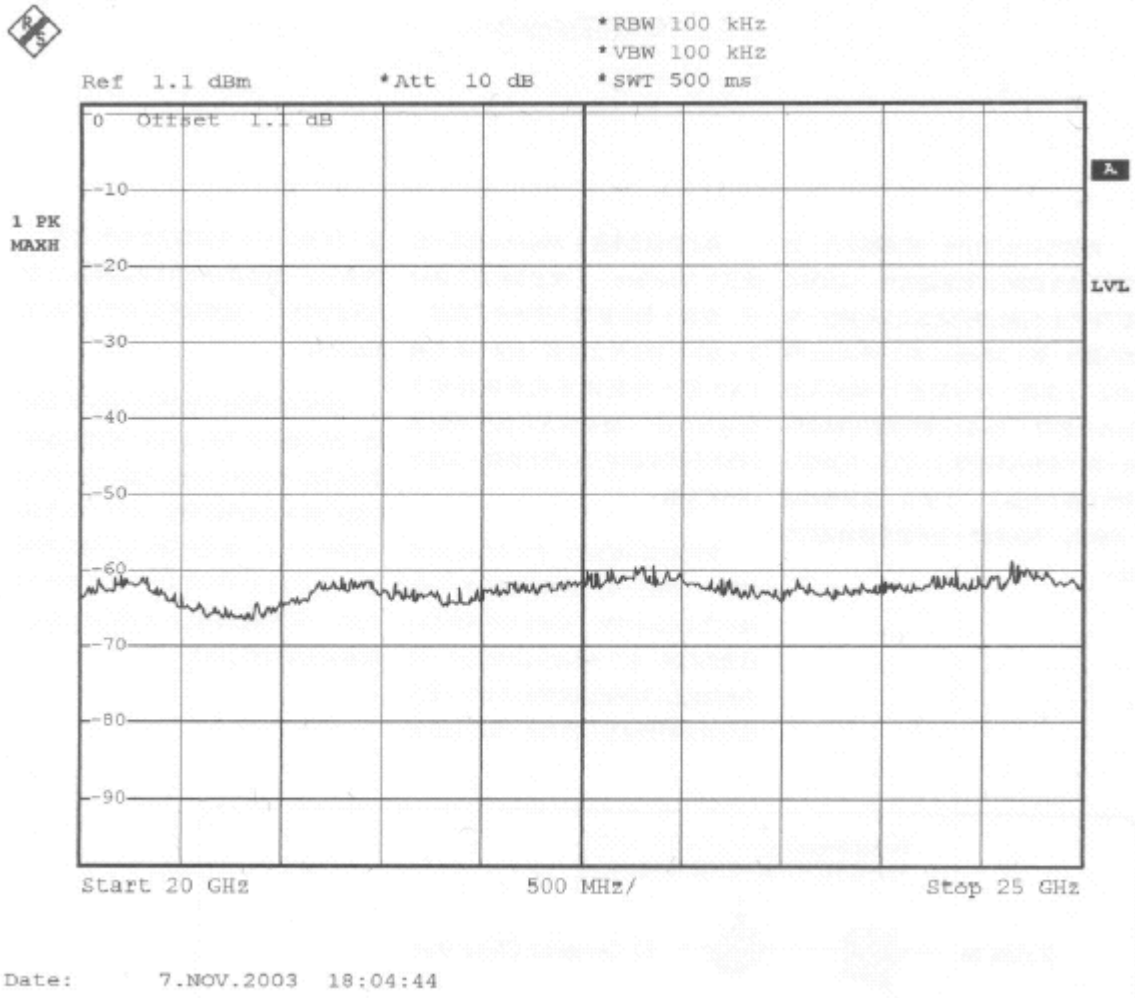

*RBW 100 kHz
*VBW 100 kHz
*SWT 500 ms
Ref 1.1 dBm
*Att 10 dB
0 Offset 1.1 dB
-10
-20
-30
-40
-50
-60
-80
-90
1 PK
MAXH
A
LVL
Start 8 GHz
200 MHz/
Stop 10 GHz
Date: 7.NOV.2003 17:59:59


*RBW 100 kHz
*VBW 100 kHz
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
Offset 1.1 dB
1 PK
MAXH
A
LVL
-10
-20
-30
-40
-50
-60
-80
-90
Start 10 GHz
300 MHz/
Stop 13 GHz
Date: 7.NOV.2003 18:02:28

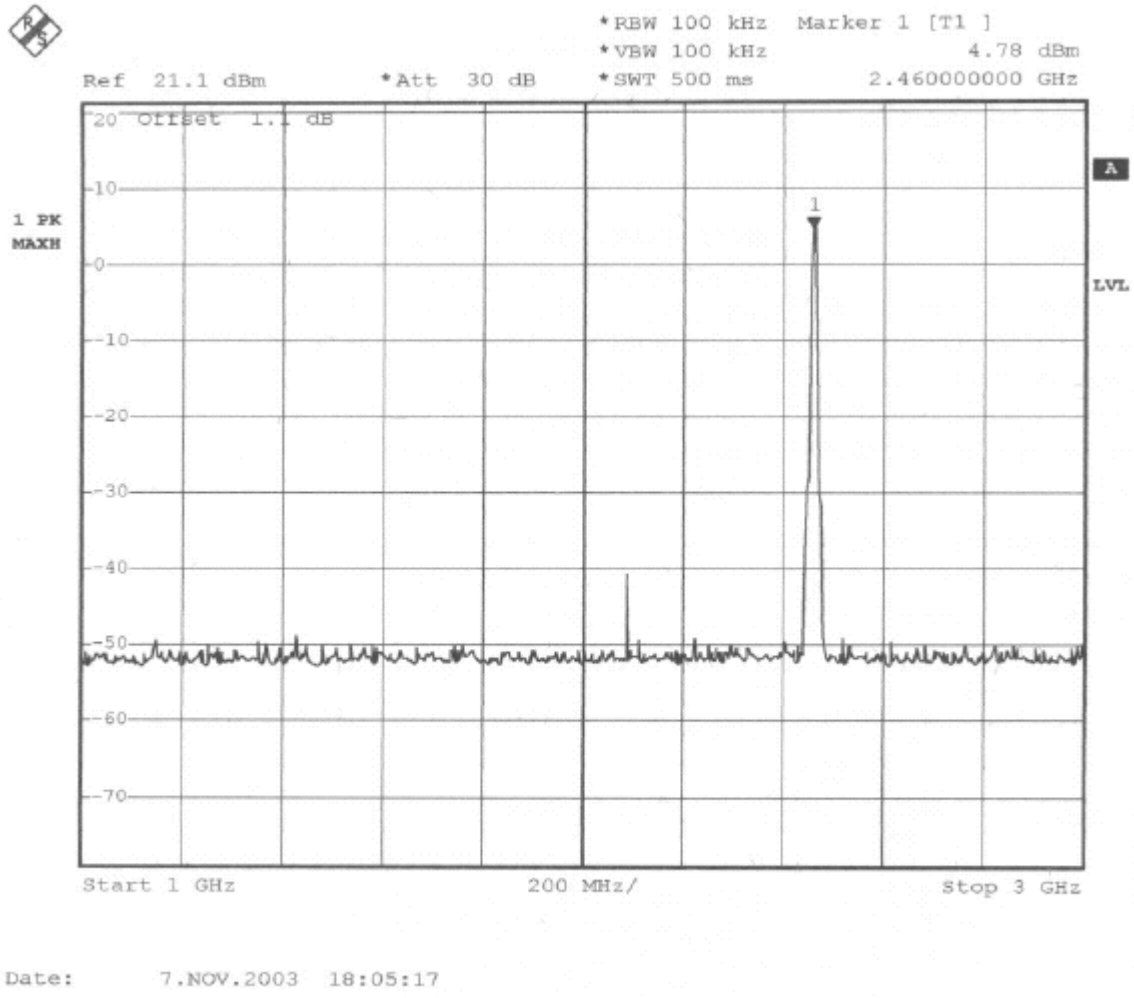

*RBW 100 kHz
*VBW 100 kHz
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
0 Offset 1.1 dB
-10
-20
-30
-40
-50
-60
-70
-80
-90
1 PK
MAXH
A
LVL
Start 13 GHz
200 MHz/
Stop 15 GHz
Date: 7.NOV.2003 18:02:49

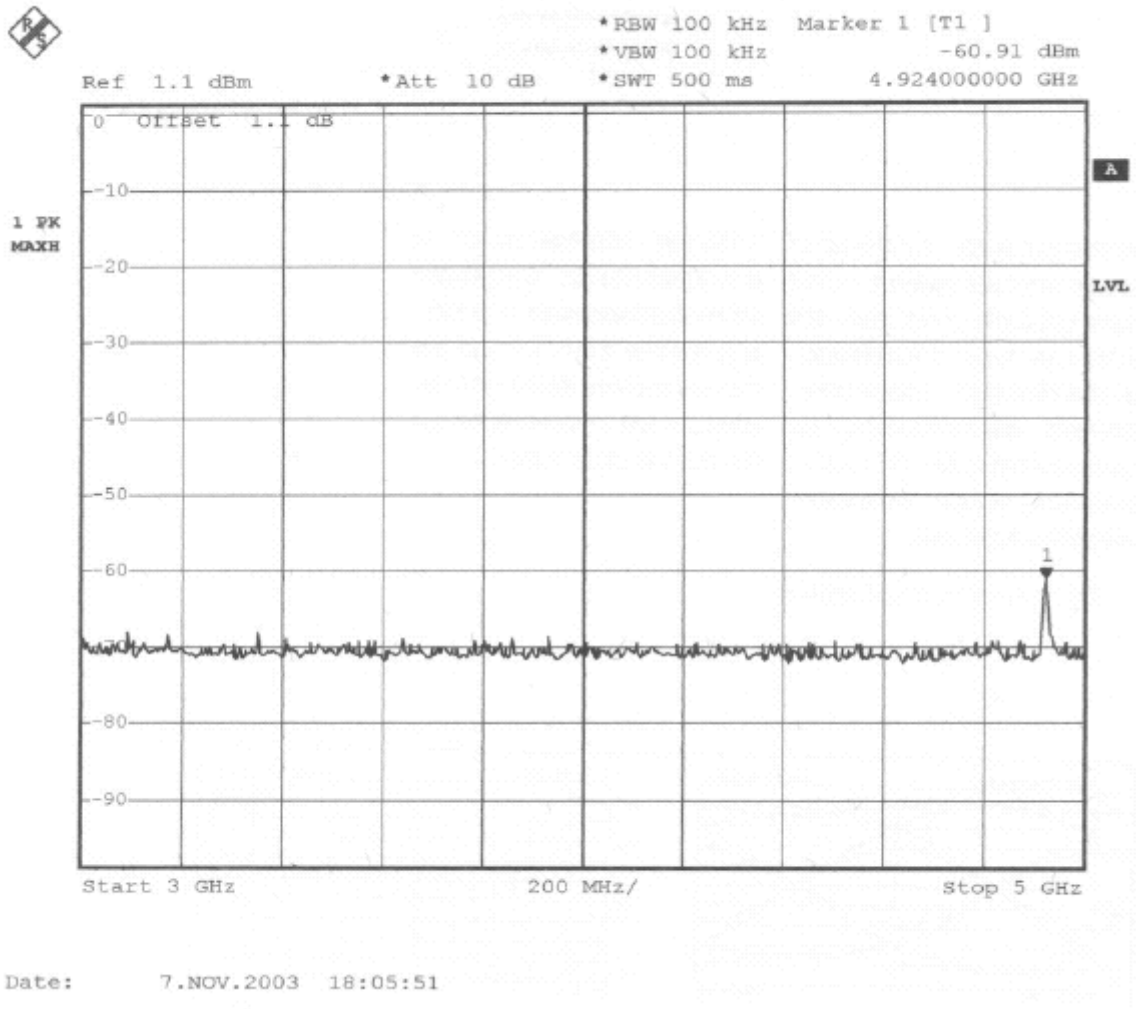

*RBW 100 kHz
*VBW 100 kHz
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
Offset 1.1 dB
1 PK
MAXH
A
LVL
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
Start 15 GHz
200 MHz/
Stop 17 GHz
Date: 7.NOV.2003 18:03:49

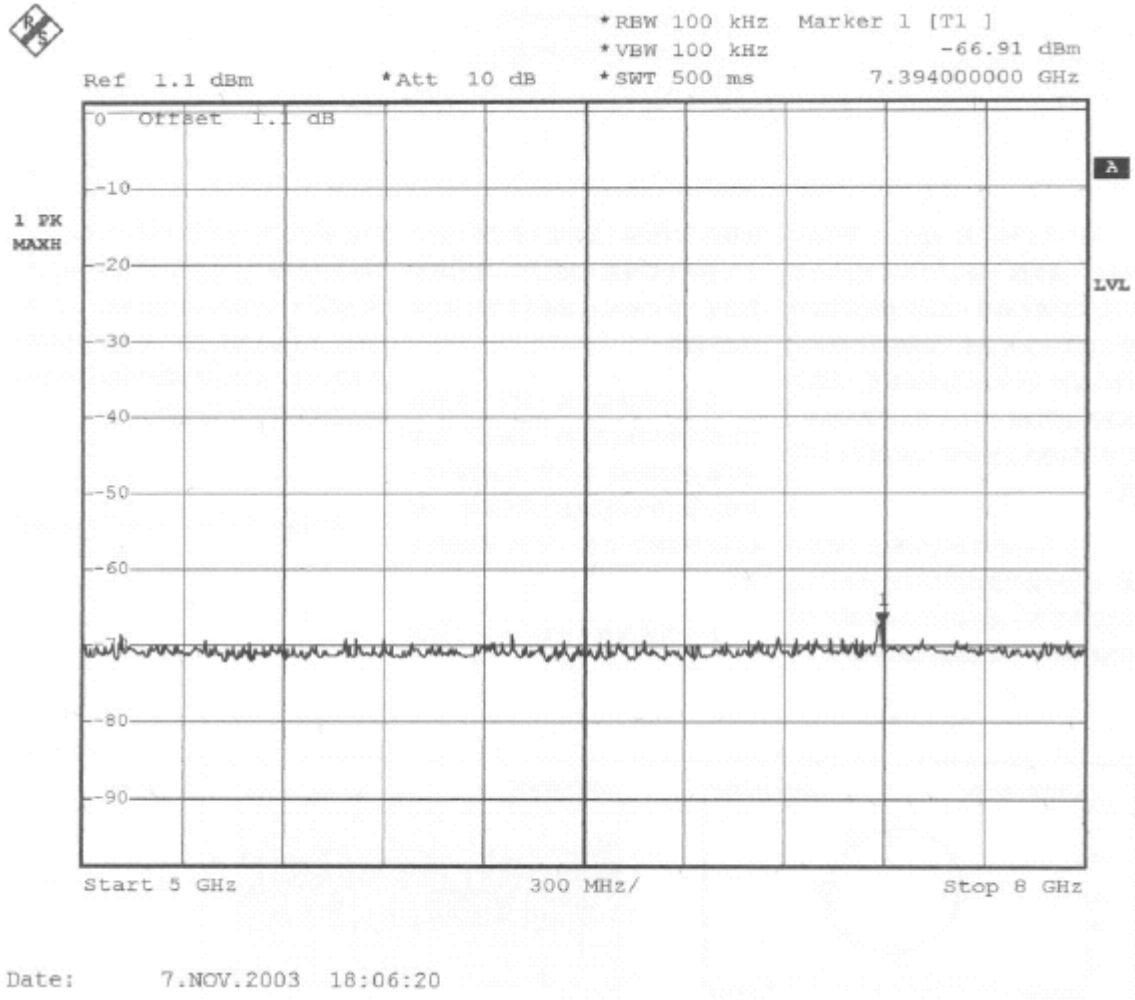

*RBW 100 kHz
*VBW 100 kHz
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
Offset 1.1 dB
1 PK
MAXH
A
LVL
-10
-20
-30
-40
-50
-60
-70
-80
-90
Start 17 GHz
300 MHz/
Stop 20 GHz
Date: 7.NOV.2003 18:04:21

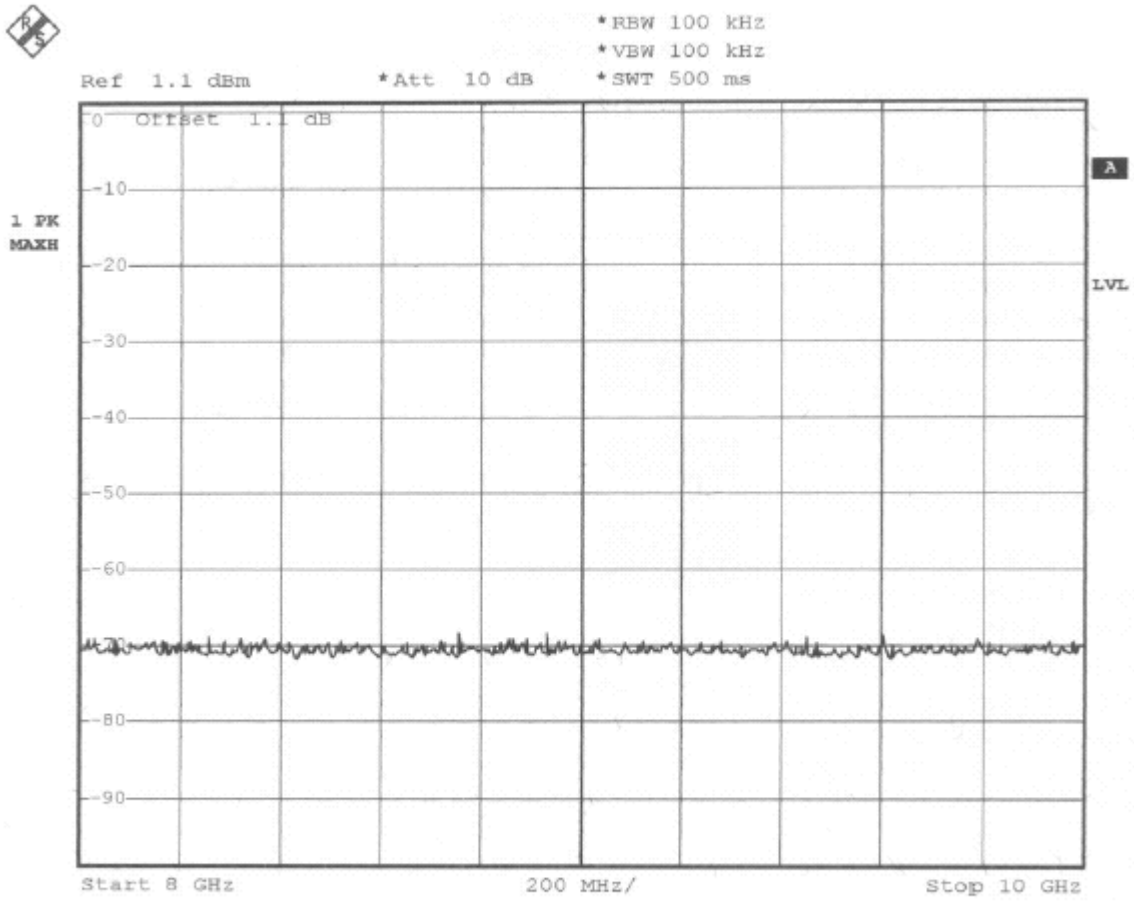

*RBW 100 kHz
*VBW 100 kHz
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
0 Offset 1.1 dB
1 PK
MAXH
A
LVL
-10
-20
-30
-40
-50
-60
-70
-80
-90
Start 20 GHz
500 MHz/
Stop 25 GHz
Date: 7.NOV.2003 18:04:44

Channel 11:

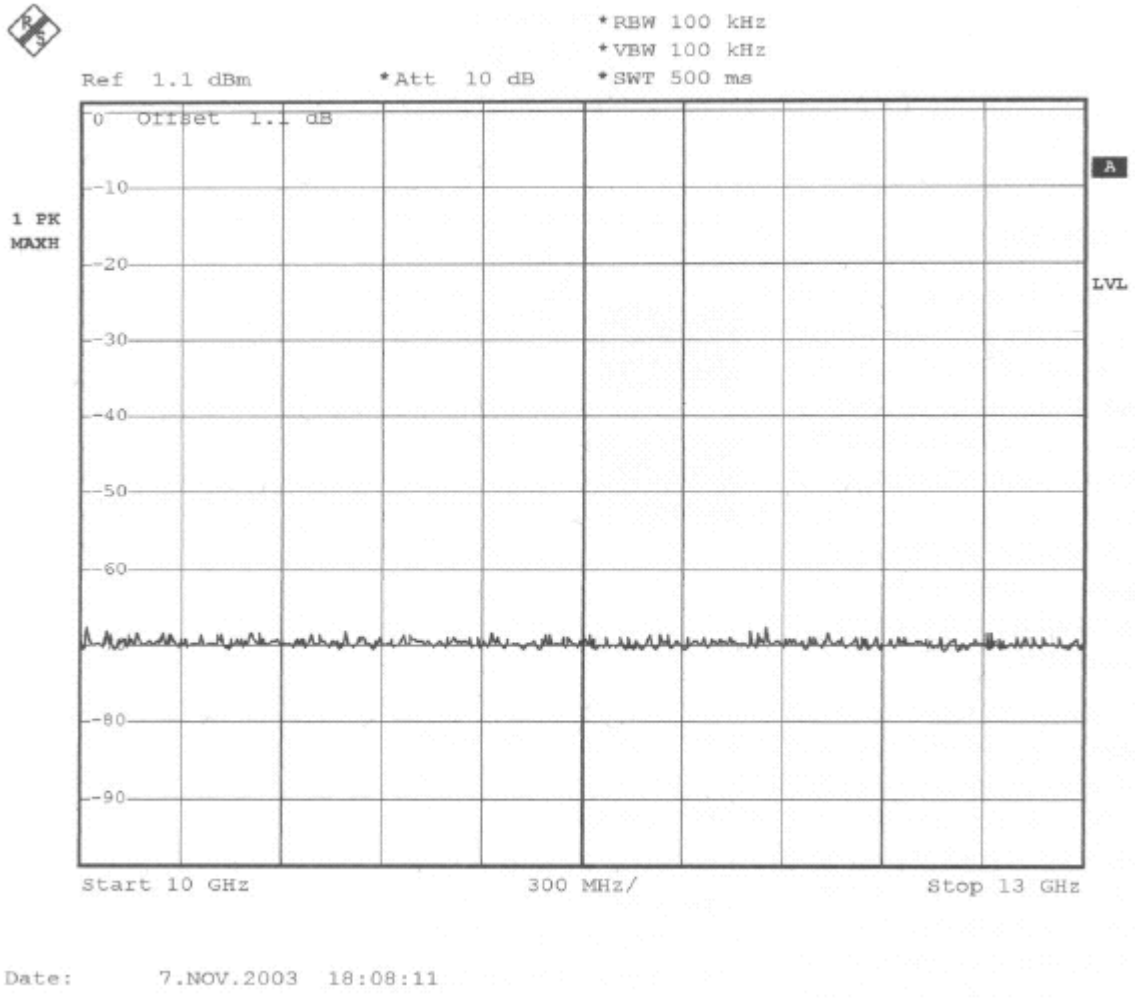

*RBW 100 kHz
Marker 1 [T1]
*VBW 100 kHz
4.78 dBm
Ref 21.1 dBm
*Att 30 dB
*SWT 500 ms
2.460000000 GHz
Offset 1.1 dB
1 PK
MAXH
A
LVL
Start 1 GHz
200 MHz/
Stop 3 GHz
Date: 7.NOV.2003 18:05:17

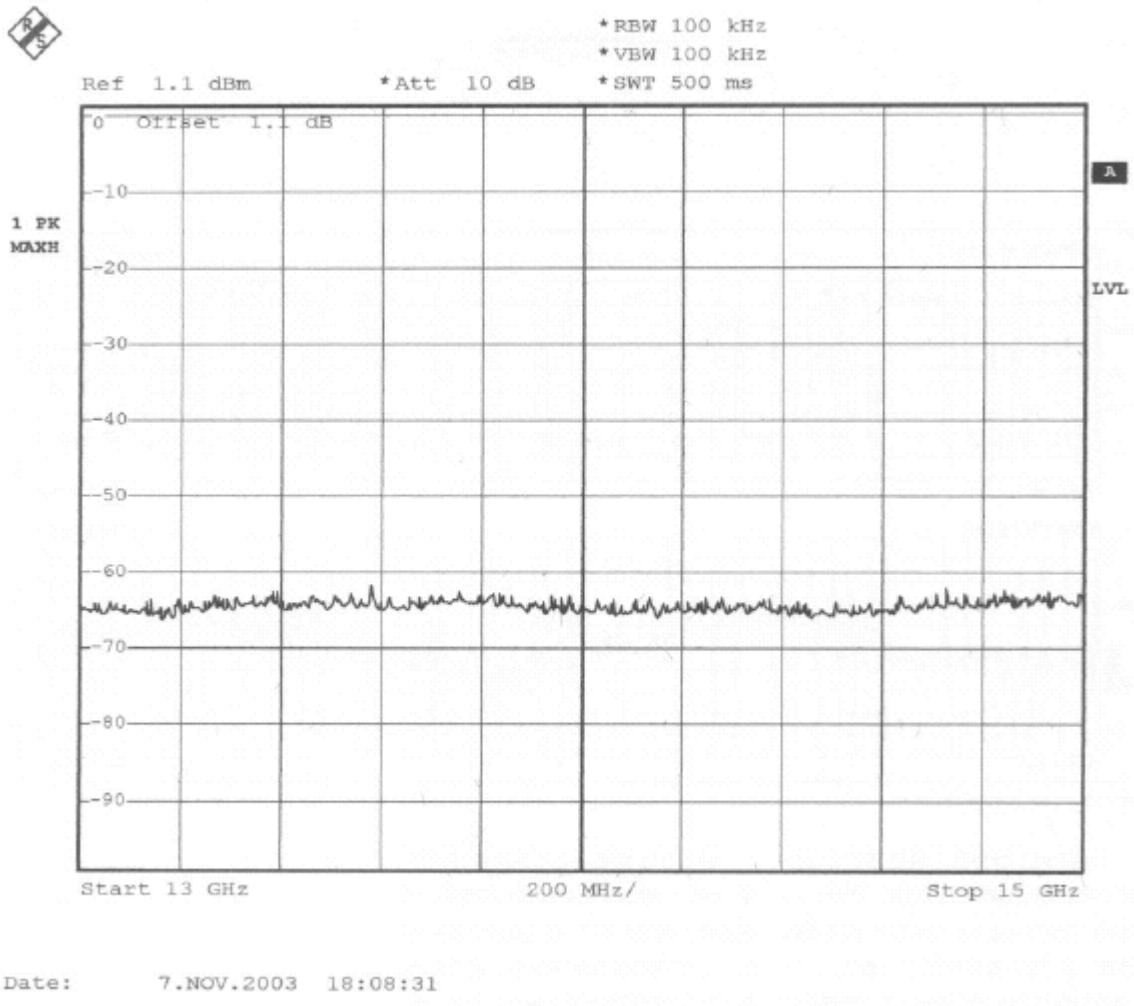

*RBW 100 kHz
Marker 1 [T1]
*VBW 100 kHz
-60.91 dBm
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
4.924000000 GHz
0 Offset 1.1 dB
-10
-20
-30
-40
-50
-60
-80
-90
1 PK
MAXH
A
LVL
1
Start 3 GHz
200 MHz/
Stop 5 GHz
Date: 7.NOV.2003 18:05:51

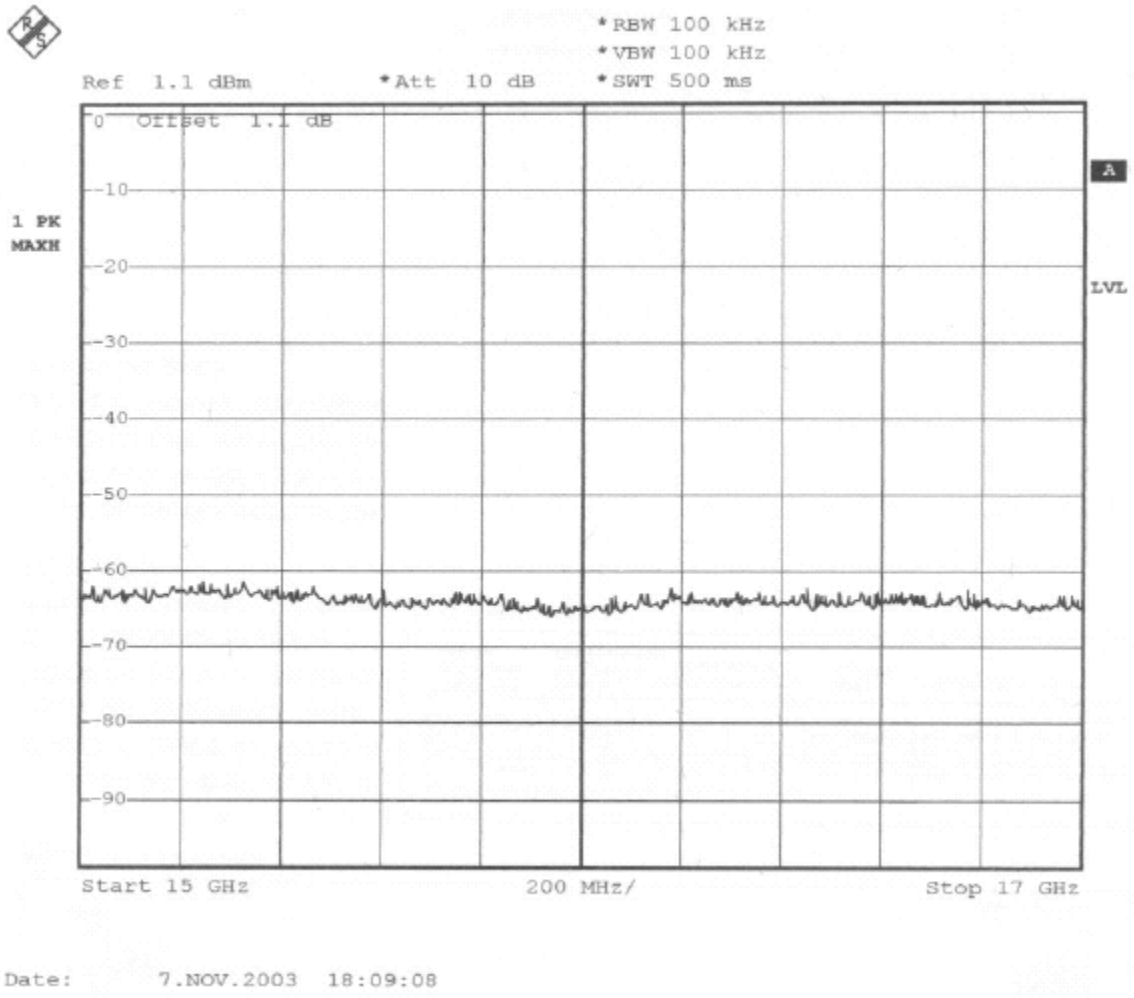

*RBW 100 kHz
*VBW 100 kHz
*SWT 500 ms
Marker 1 [T1]
-66.91 dBm
7.394000000 GHz
Ref 1.1 dBm
*Att 10 dB
Offset 1.1 dB
1 PK
MAXH
A
LVL
-10
-20
-30
-40
-50
-60
-80
-90
Start 5 GHz
300 MHz/
Stop 8 GHz
Date: 7.NOV.2003 18:06:20

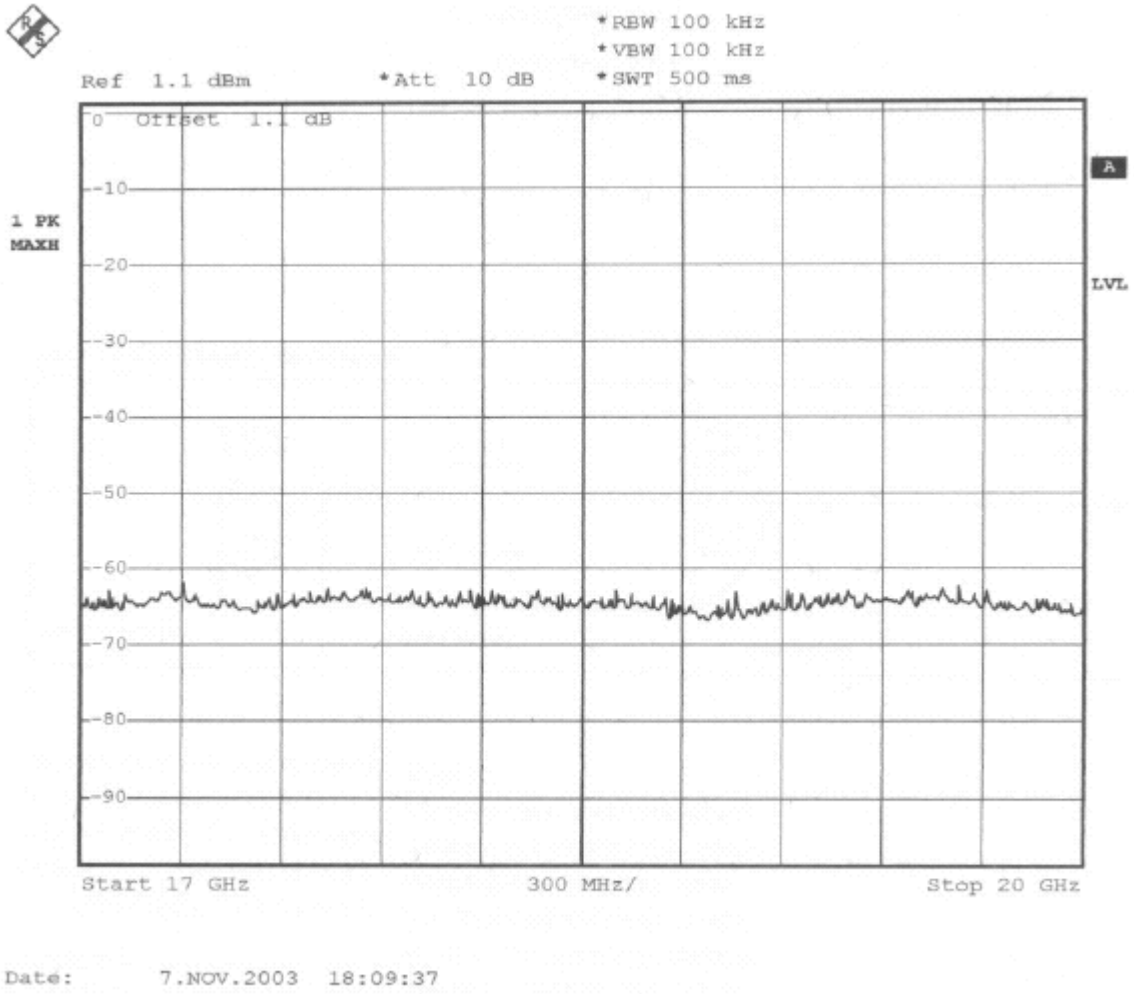


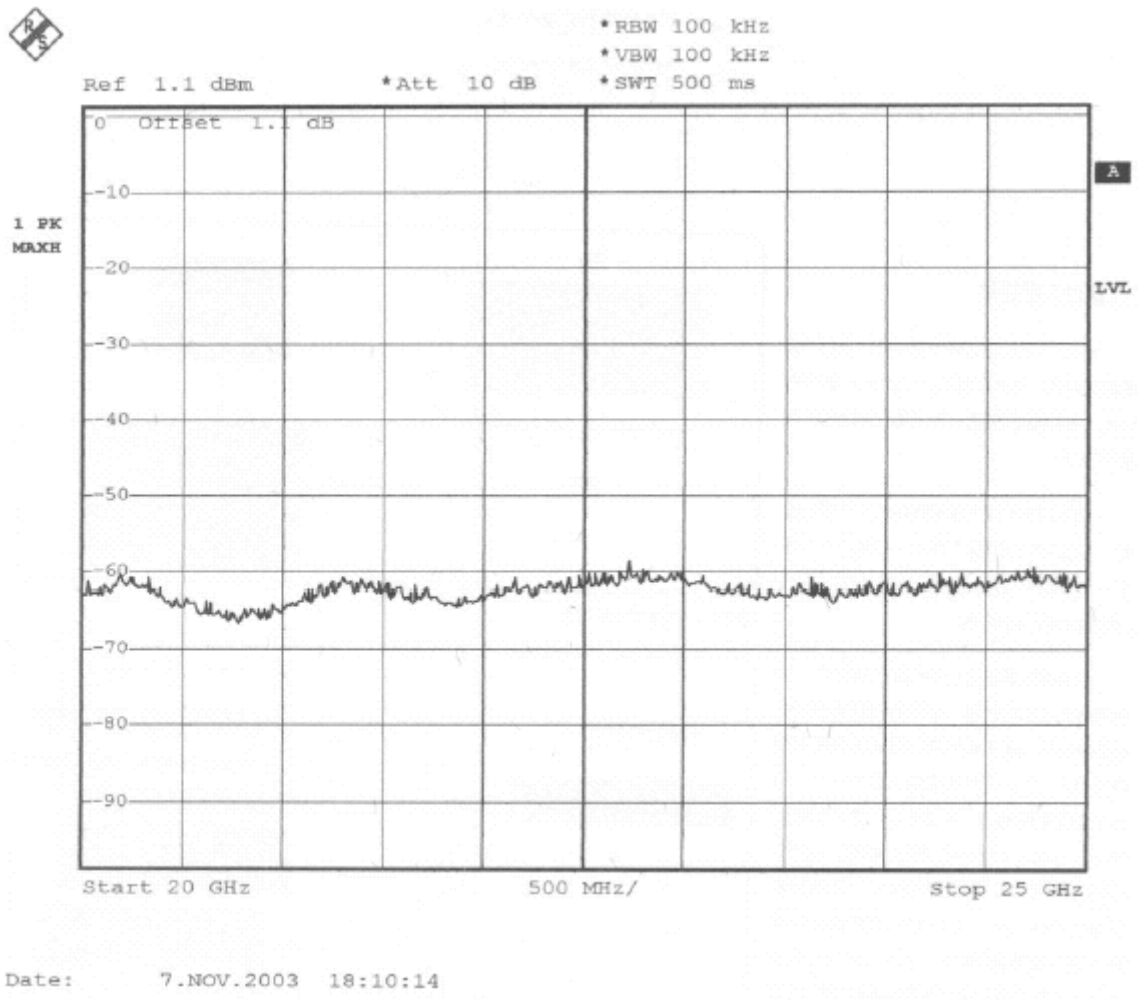
Date: 7.NOV.2003 18:06:49


*RBW 100 kHz
*VBW 100 kHz
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
Offset 1.1 dB
1 PK
MAXH
A
LVL
-10
-20
-30
-40
-50
-60
-80
-90
Start 10 GHz
300 MHz/
Stop 13 GHz
Date: 7.NOV.2003 18:08:11


*RBW 100 kHz
*VBW 100 kHz
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
0 Offset 1.1 dB
-10
-20
-30
-40
-50
-60
-70
-80
-90
1 PK
MAXH
A
LVL
Start 13 GHz
200 MHz/
Stop 15 GHz
Date: 7.NOV.2003 18:08:31


*RBW 100 kHz
*VBW 100 kHz
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
0 Offset 1.1 dB
-10
-20
-30
-40
-50
-60
-70
-80
-90
1 PK
MAXH
A
LVL
Start 15 GHz
200 MHz/
Stop 17 GHz
Date: 7.NOV.2003 18:09:08


*RBW 100 kHz
*VBW 100 kHz
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
0 Offset 1.1 dB
1 PK
MAXH
A
LVL
-10
-20
-30
-40
-50
-60
-70
-80
-90
Start 17 GHz
300 MHz/
Stop 20 GHz
Date: 7.NOV.2003 18:09:37


*RBW 100 kHz
*VBW 100 kHz
Ref 1.1 dBm
*Att 10 dB
*SWT 500 ms
0 Offset 1.1 dB
1 PK
MAXH
A
LVL
-10
-20
-30
-40
-50
-60
-70
-80
-90
Start 20 GHz
500 MHz/
Stop 25 GHz
Date: 7.NOV.2003 18:10:14