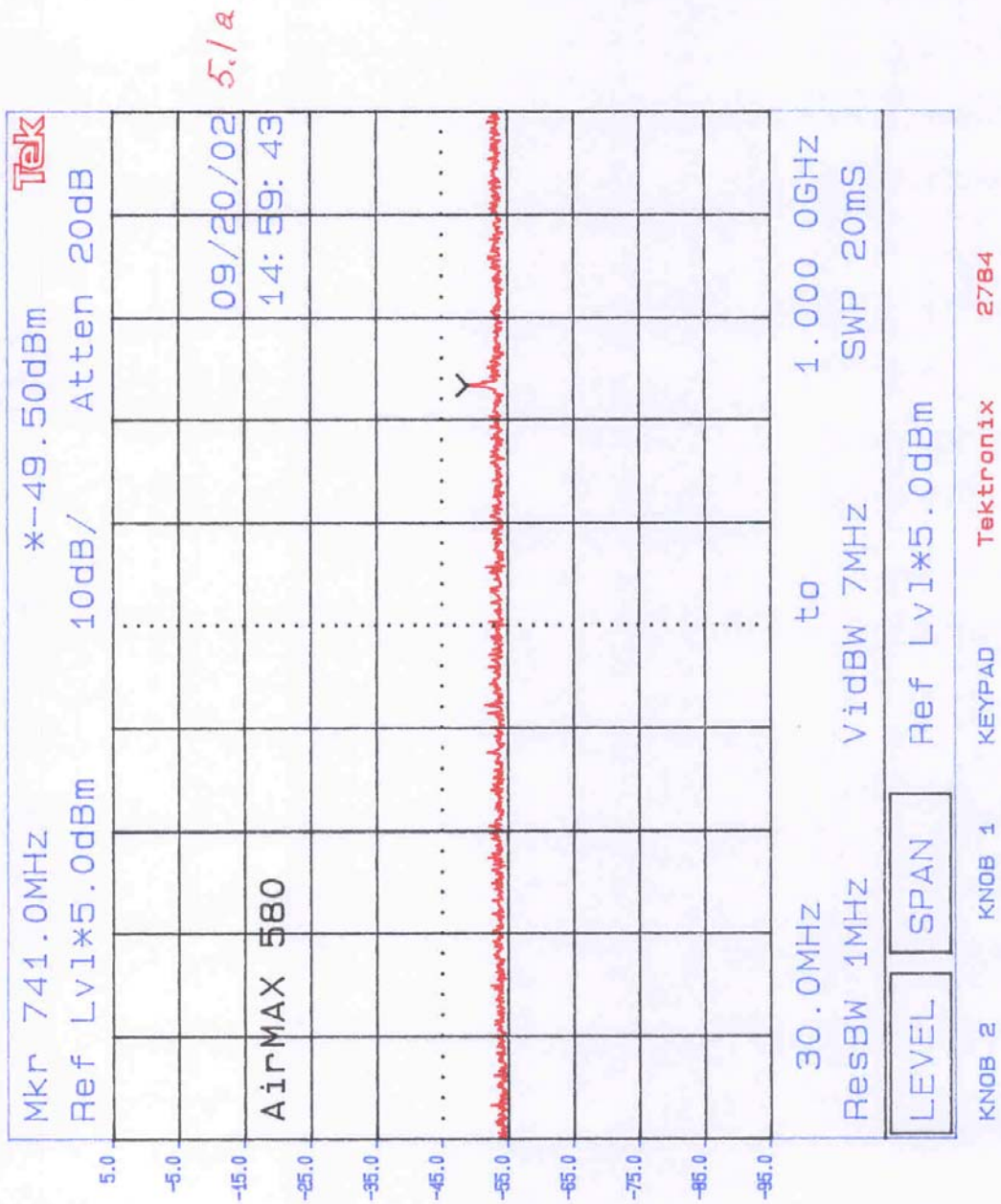
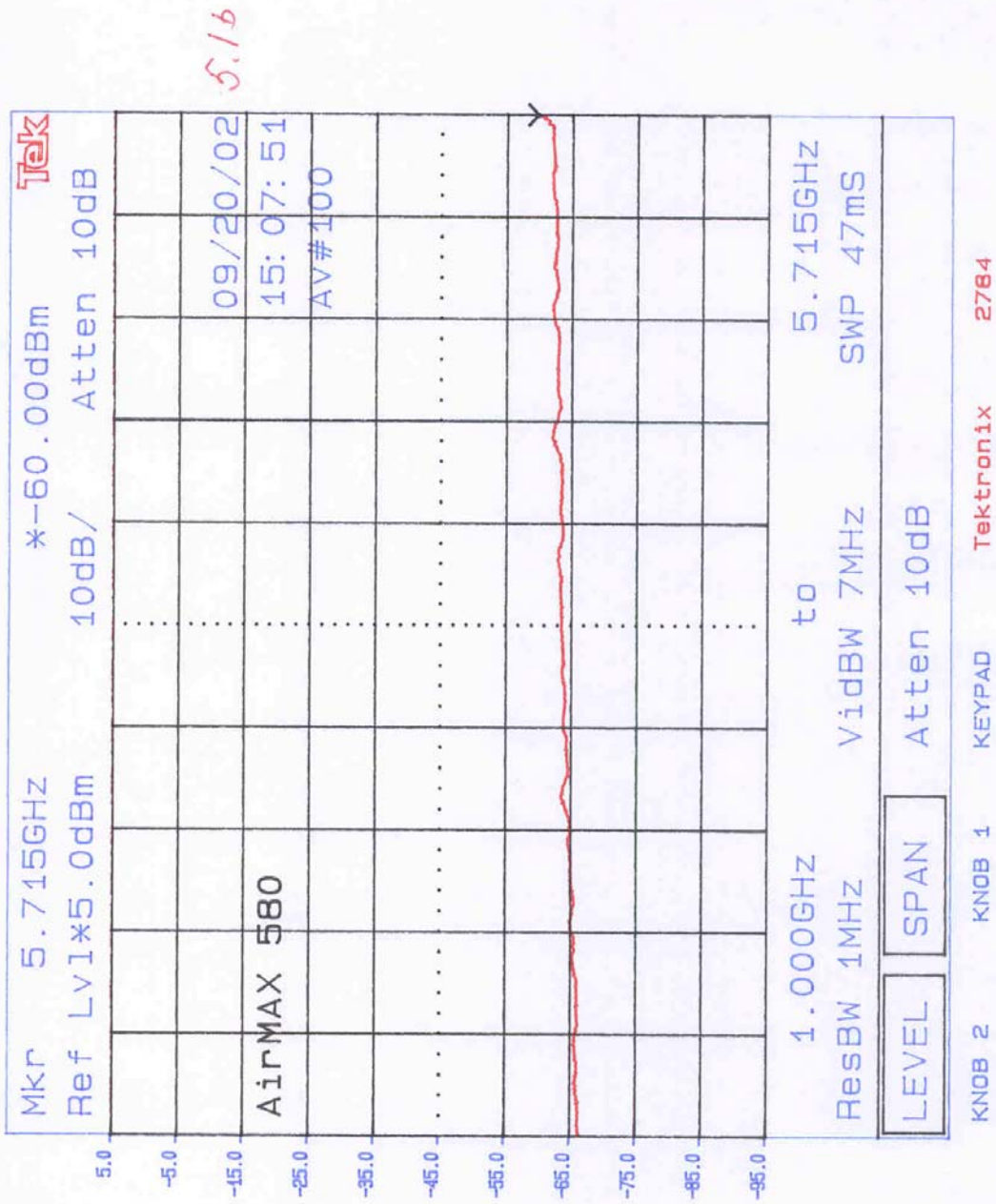
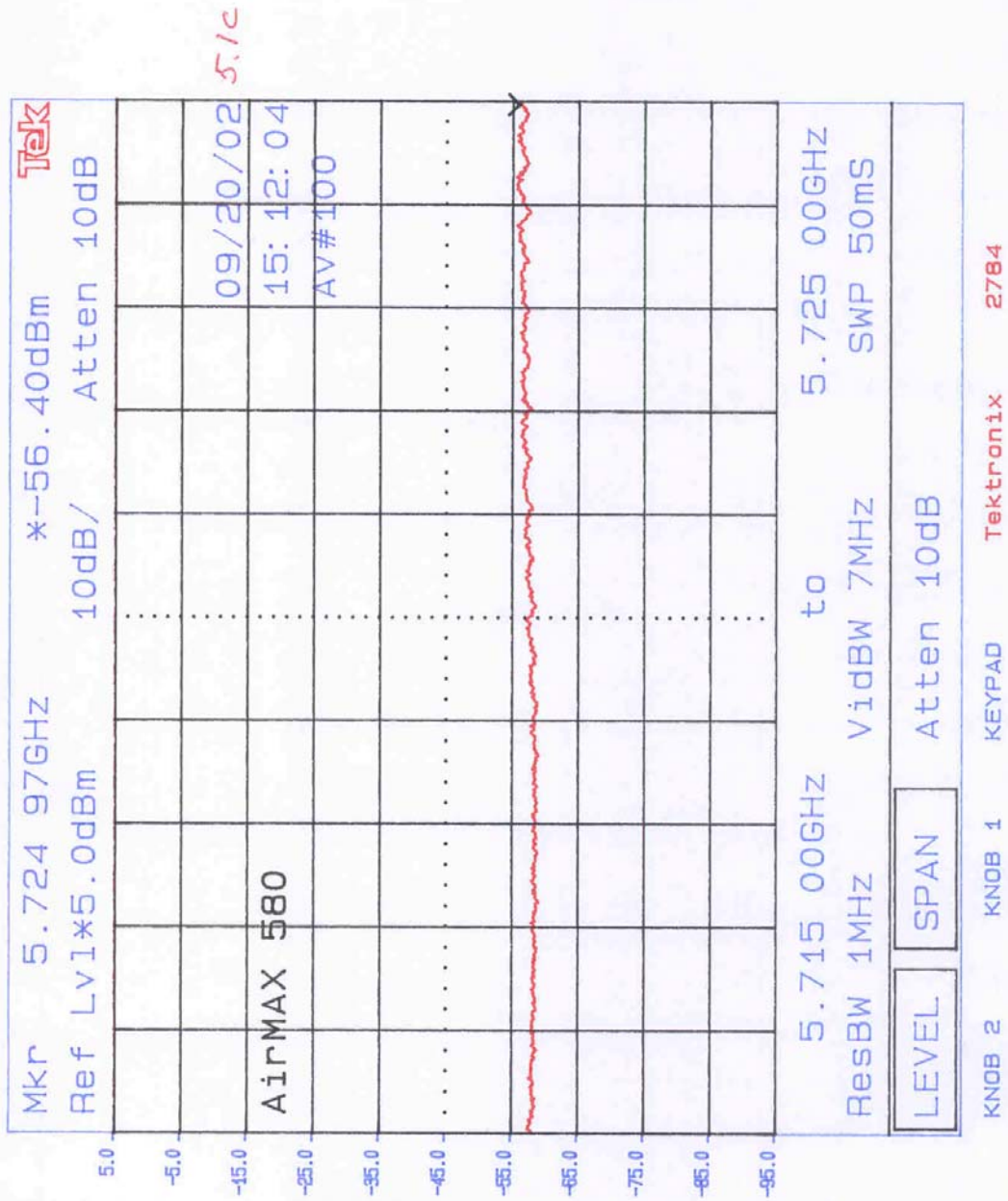
Appendix 1

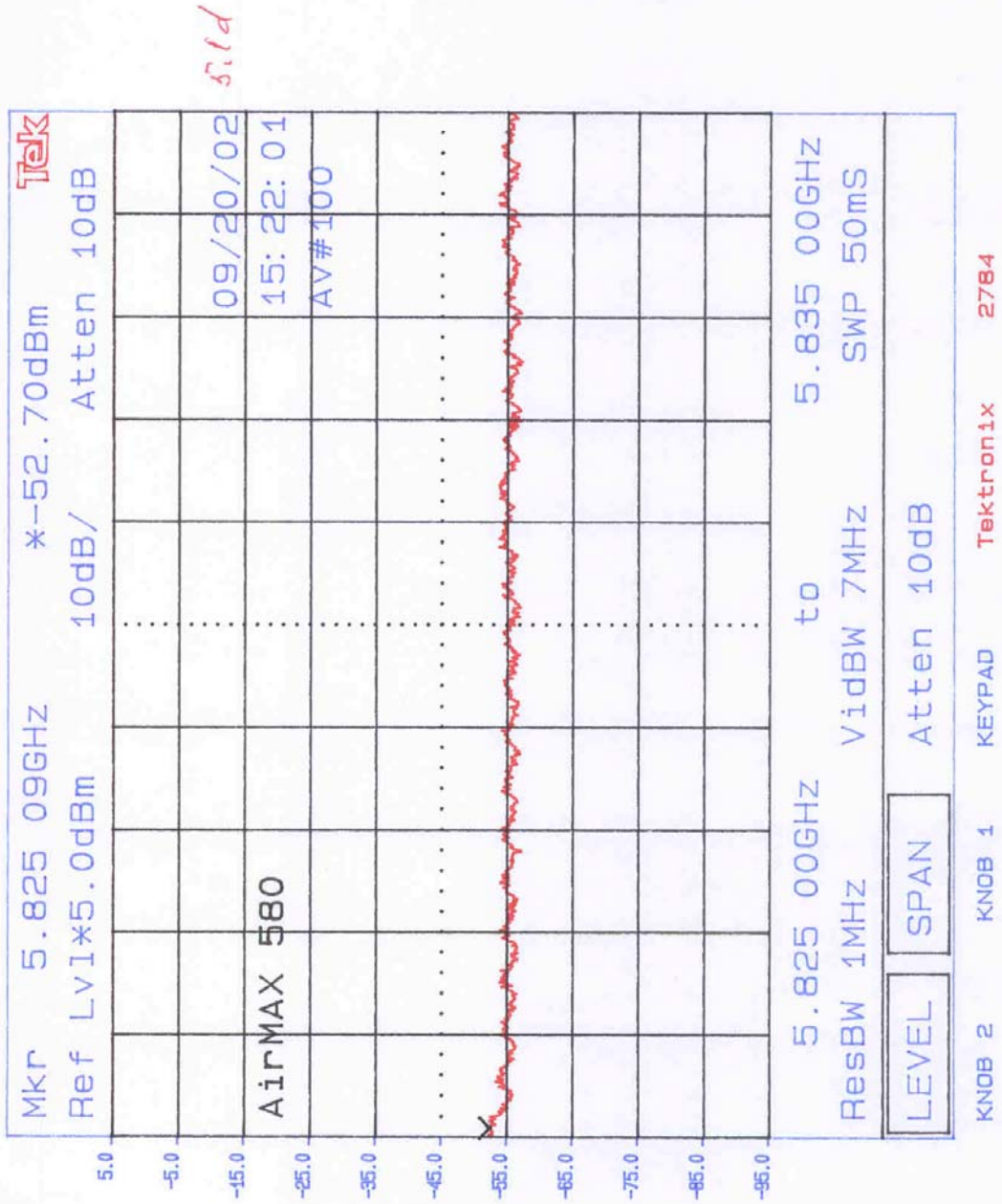
Out-of-band Conducted Emissions

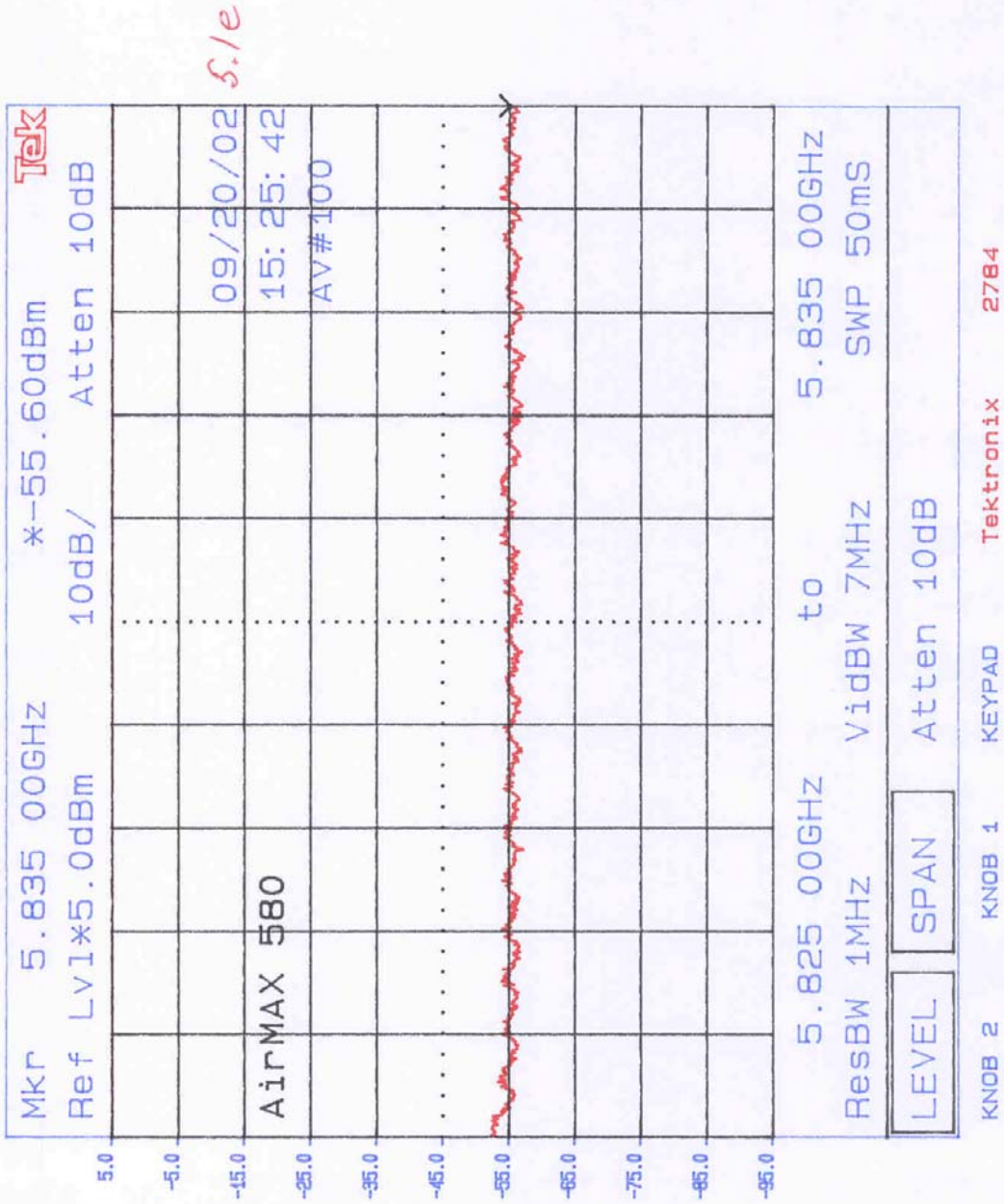

Mkr 741.0MHz
Ref Lvl*5.0dBm
*-49.50dBm
10dB/
Atten 20dB
Tek
AirMAX 580
09/20/02
14:59:43
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
30.0MHz
ResBW 1MHz
to
VidBW 7MHz
1.000 0GHz
SWP 20mS
LEVEL
SPAN
Ref Lvl*5.0dBm
KNOB 2
KNOB 1
KEYPAD
Tektronix
2784

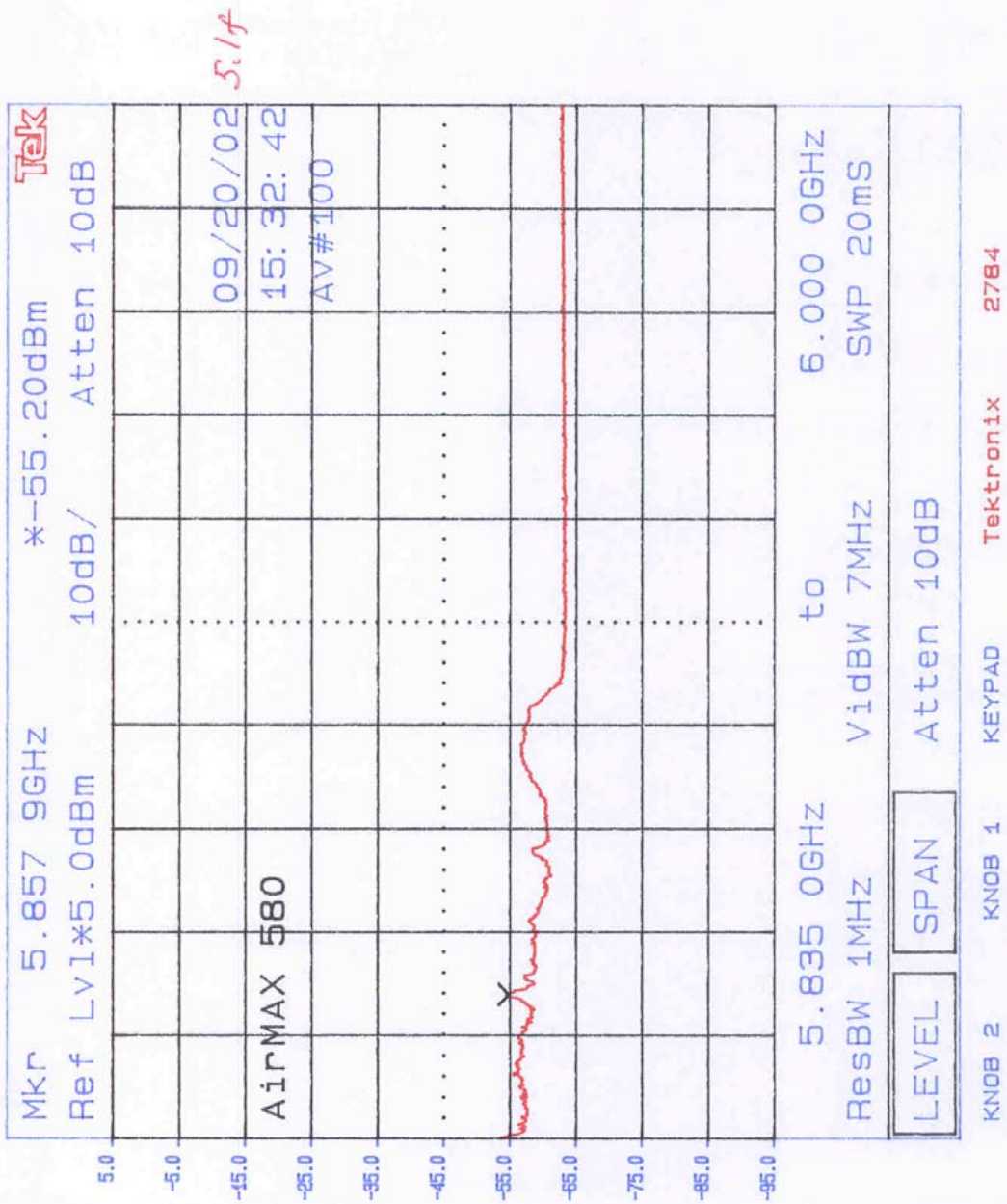
5.1a

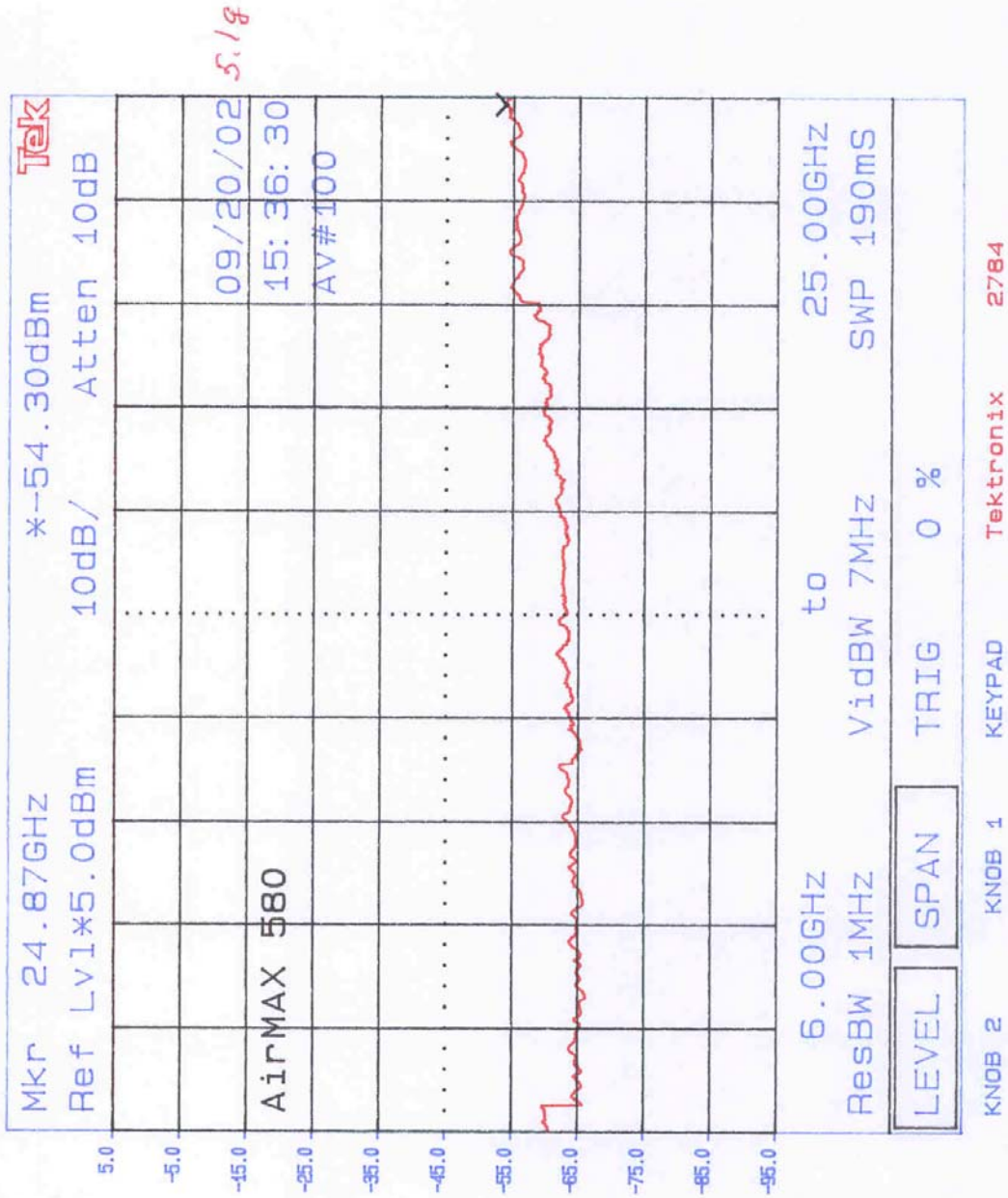

Mkr 5.715GHz *-60.00dBm
Ref Lvl*5.0dBm 10dB/ Atten 10dB
Tek
AirMAX 580
09/20/02
15: 07: 51
AV#100
5.16
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
1.000GHz to 5.715GHz
ResBW 1MHz VidBW 7MHz SWP 47mS
LEVEL SPAN Atten 10dB
KNOB 2 KNOB 1 KEYPAD Tektronix 2784

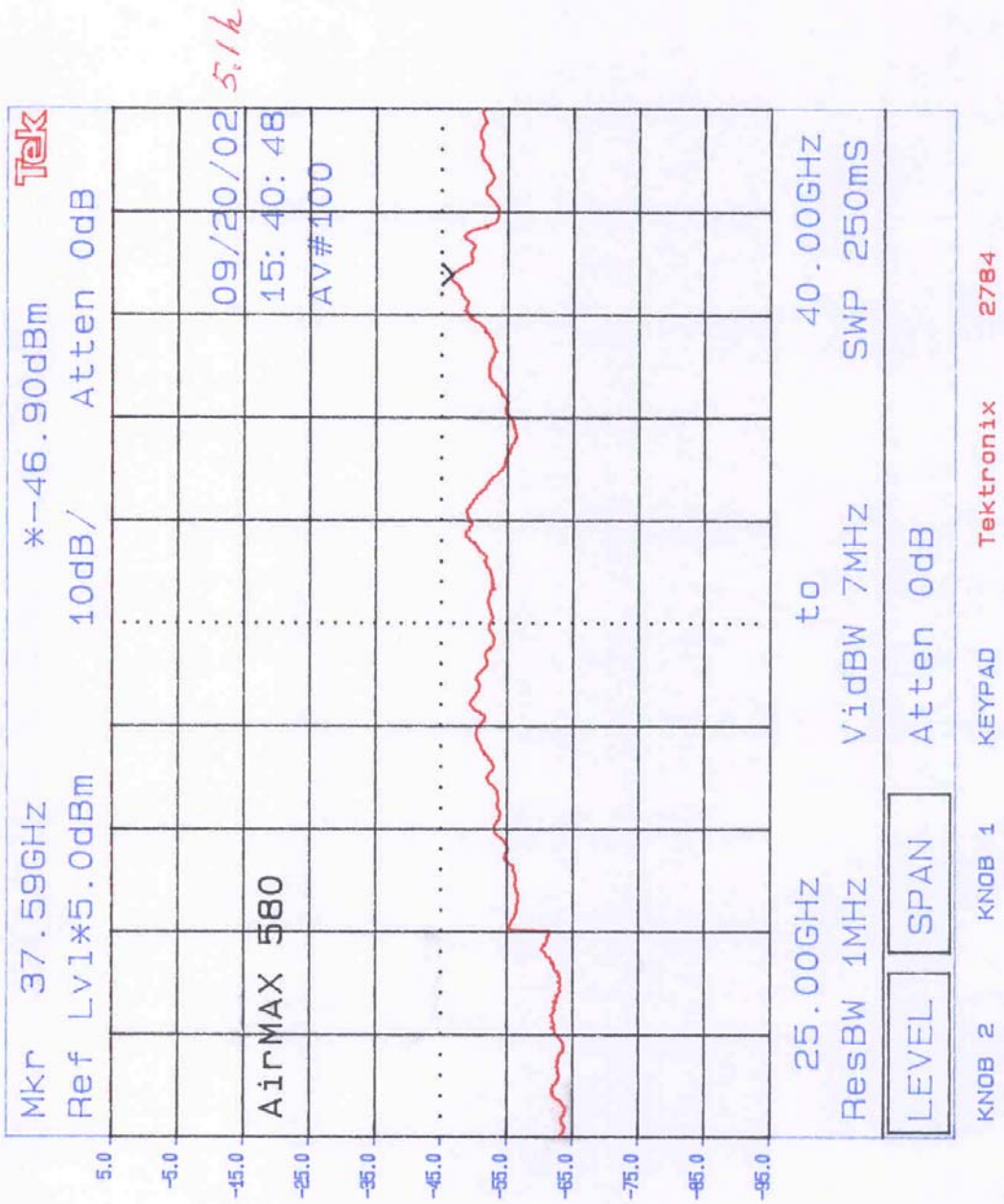

Tek
Mkr 5.724 97GHz *-56.40dBm
Ref Lvl*5.0dBm 10dB/ Atten 10dB
AirMAX 580
09/20/02
15: 12: 04
AV#100
5.1c
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
5.715 00GHz to 5.725 00GHz
ResBW 1MHz VidBW 7MHz SWP 50mS
LEVEL SPAN Atten 10dB
KNOB 2 KNOB 1 KEYPAD Tektronix 2784

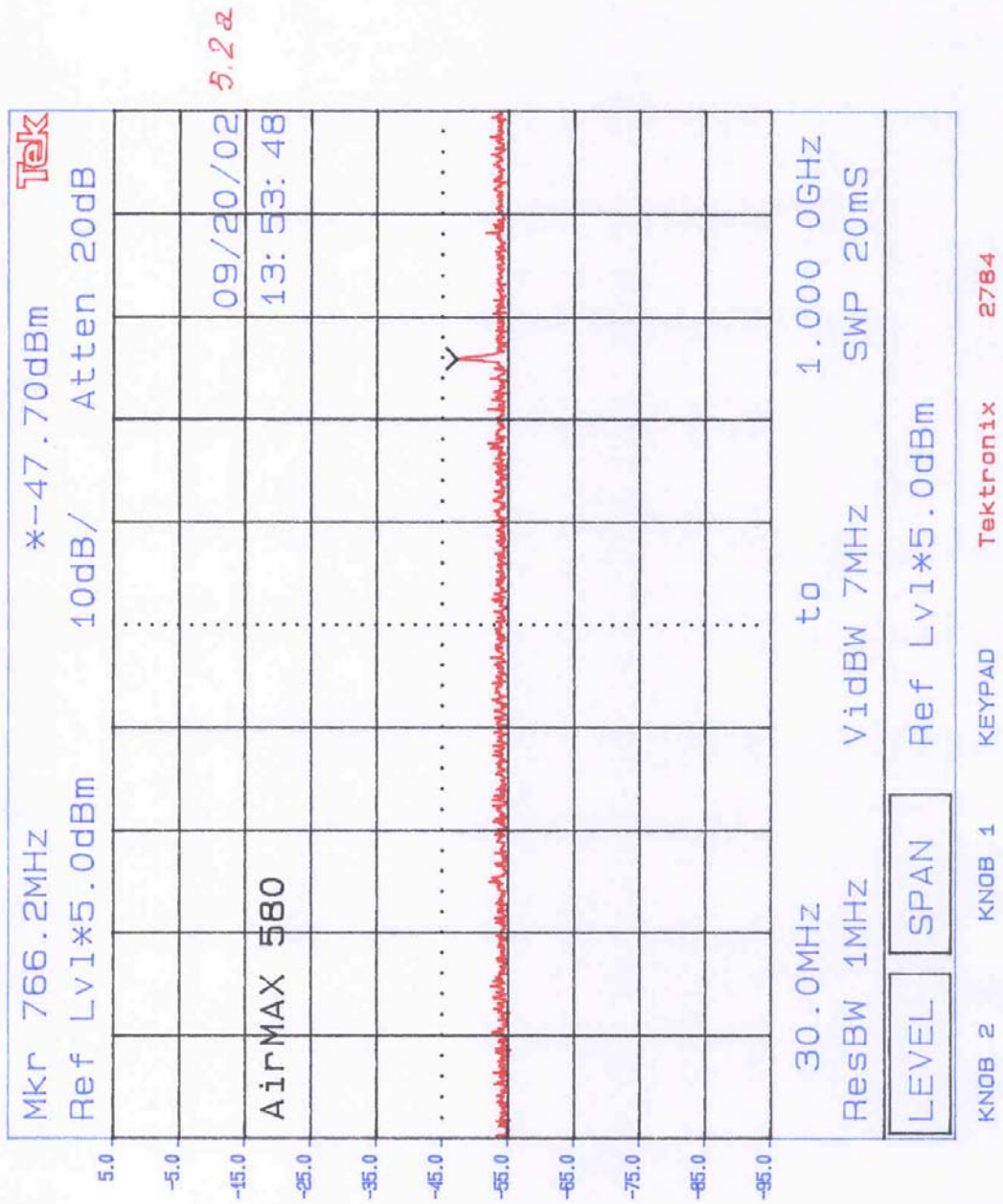

Mkr 5.825 09GHz *-52.70dBm
Ref Lvl*5.0dBm 10dB/ Atten 10dB
Tek
AirMAX 580
09/20/02
15: 22: 01
AV#100
5.825 00GHz to 5.835 00GHz
ResBW 1MHz VidBW 7MHz SWP 50mS
LEVEL SPAN Atten 10dB
KNOB 2 KNOB 1 KEYPAD Tektronix 2784
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0

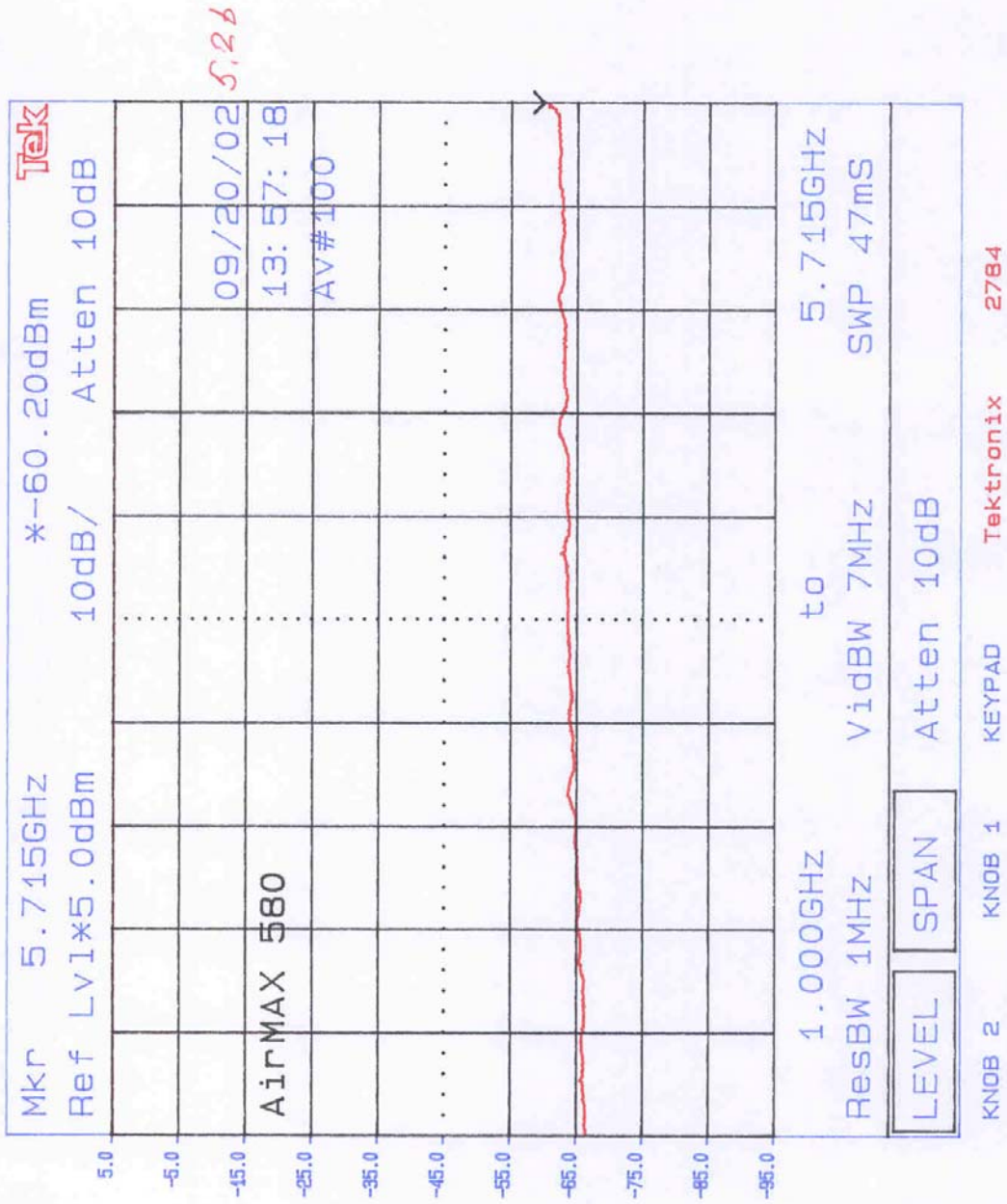

Mkr 5.835 00GHz *-55.60dBm Tek
Ref Lvl*5.0dBm 10dB/ Atten 10dB
AirMAX 580
09/20/02
15: 25: 42
AV#100
5.1e
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
5.825 00GHz to 5.835 00GHz
ResBW 1MHz VidBW 7MHz SWP 50mS
LEVEL SPAN Atten 10dB
KNOB 2 KNOB 1 KEYPAD Tektronix 2784

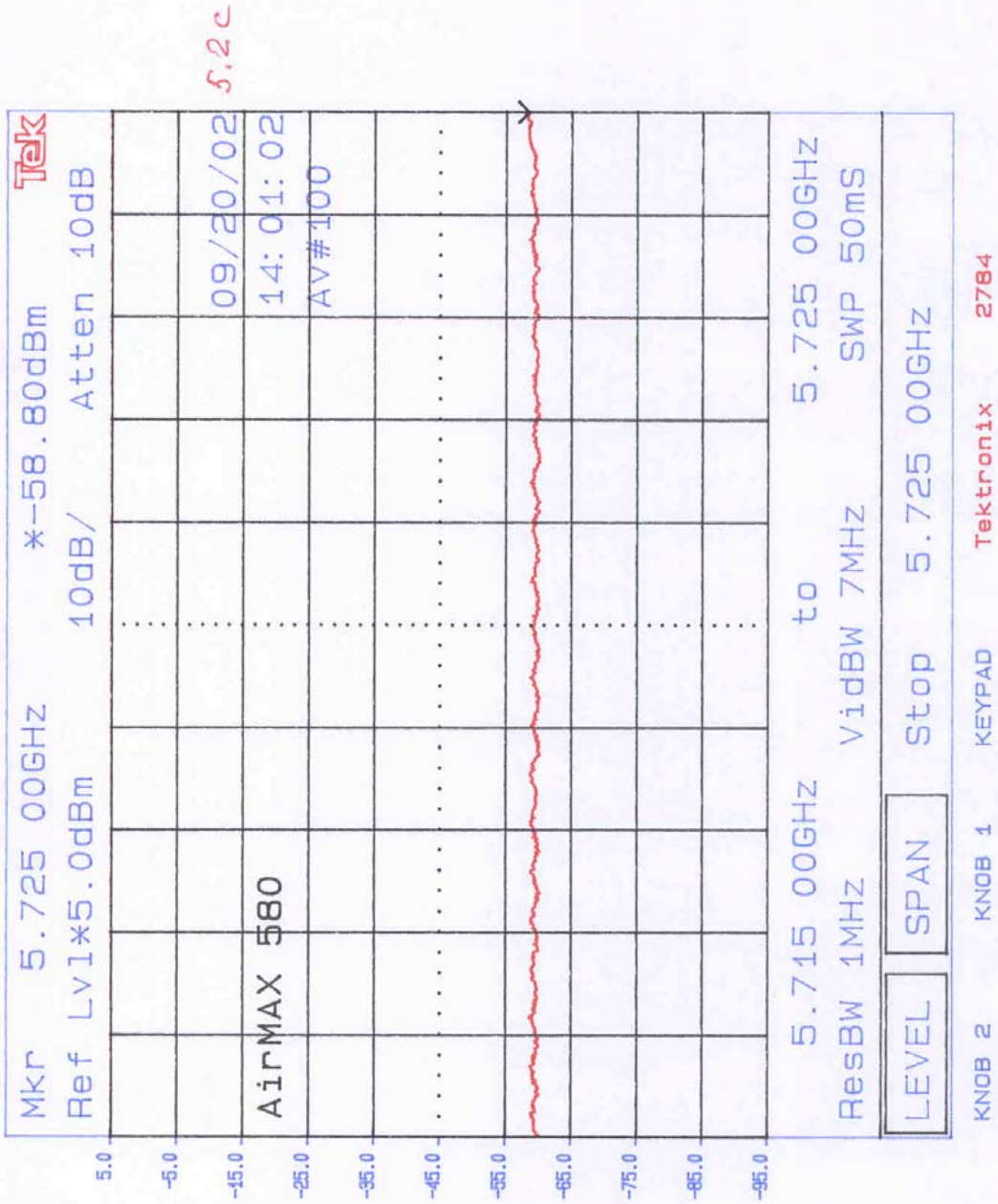

Mkr 5.857 9GHz *-55.20dBm Tek
Ref Lvl*5.0dBm 10dB/ Atten 10dB
AirMAX 580
09/20/02
15: 32: 42
AV#100
5.835 0GHz to 6.000 0GHz
ResBW 1MHz VidBW 7MHz SWP 20mS
LEVEL SPAN Atten 10dB
KNOB 2 KNOB 1 KEYPAD Tektronix 2784
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0

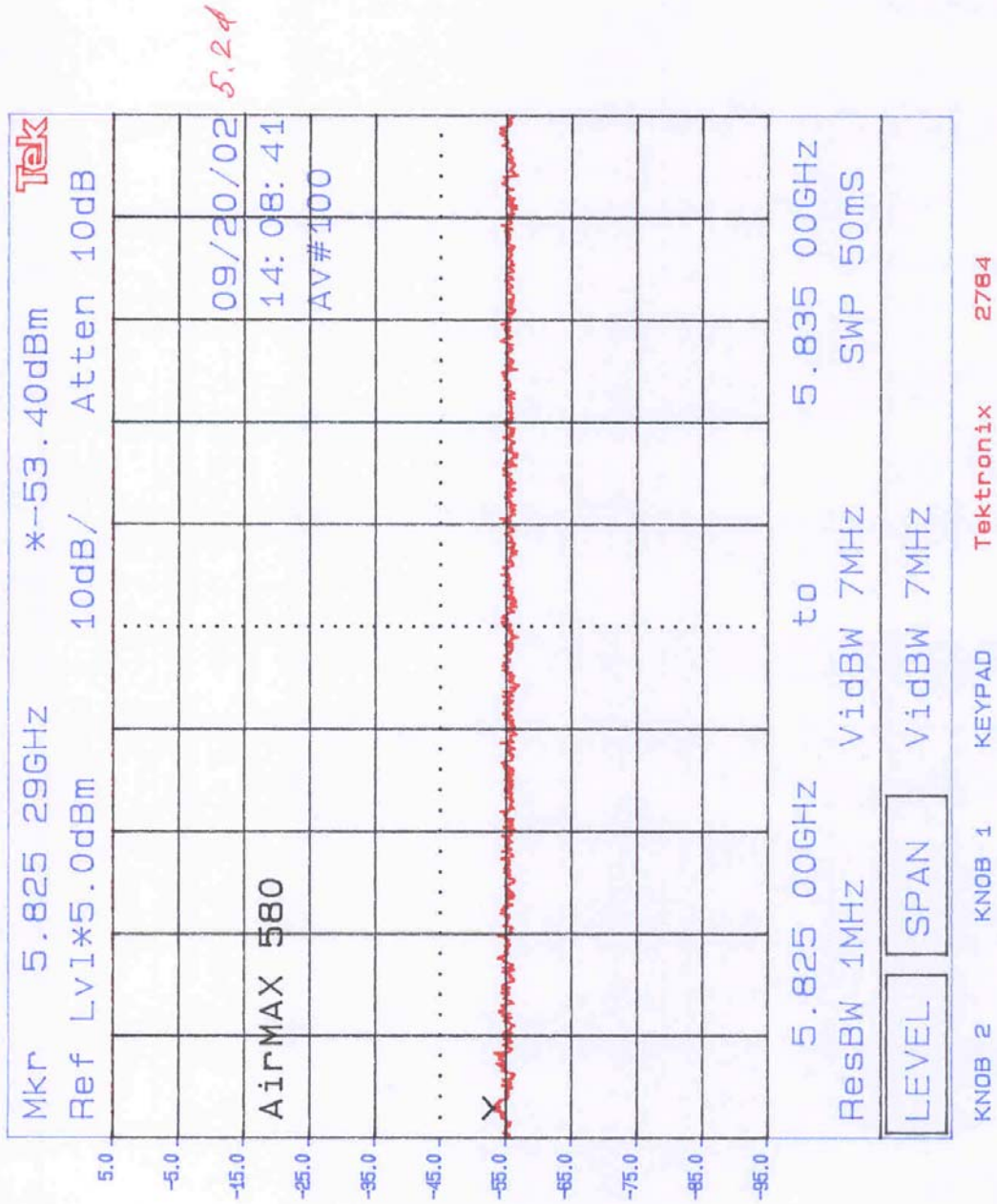

Mkr 24.87GHz
Ref Lvl*5.0dBm
*-54.30dBm
10dB/ Atten 10dB
Tek
AirMAX 580
09/20/02
15: 36: 30
AV#100
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
6.00GHz
ResBW 1MHz
to
VidBW 7MHz
25.00GHz
SWP 190mS
LEVEL
SPAN
TRIG
0 %
KNOB 2
KNOB 1
KEYPAD
Tektronix
2784

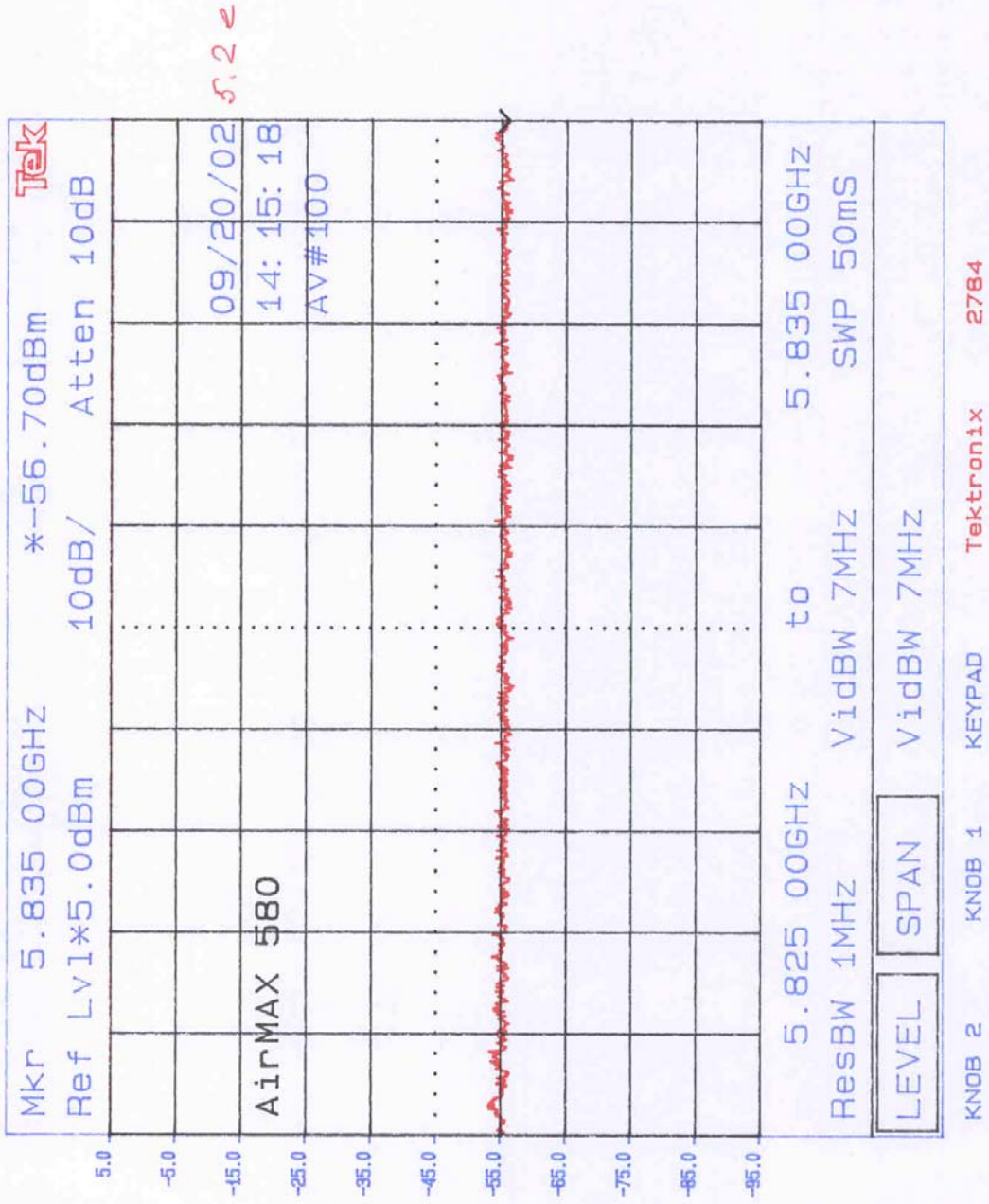

Tek
Mkr 37.59GHz
Ref Lvl *5.0dBm
*-46.90dBm
10dB/ Atten 0dB
AirMAX 580
09/20/02
15: 40: 48
AV#100
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
25.00GHz
ResBW 1MHz
to
40.00GHz
VidBW 7MHz
SWP 250mS
LEVEL
SPAN
Atten 0dB
KNOB 2
KNOB 1
KEYPAD
Tektronix
2784

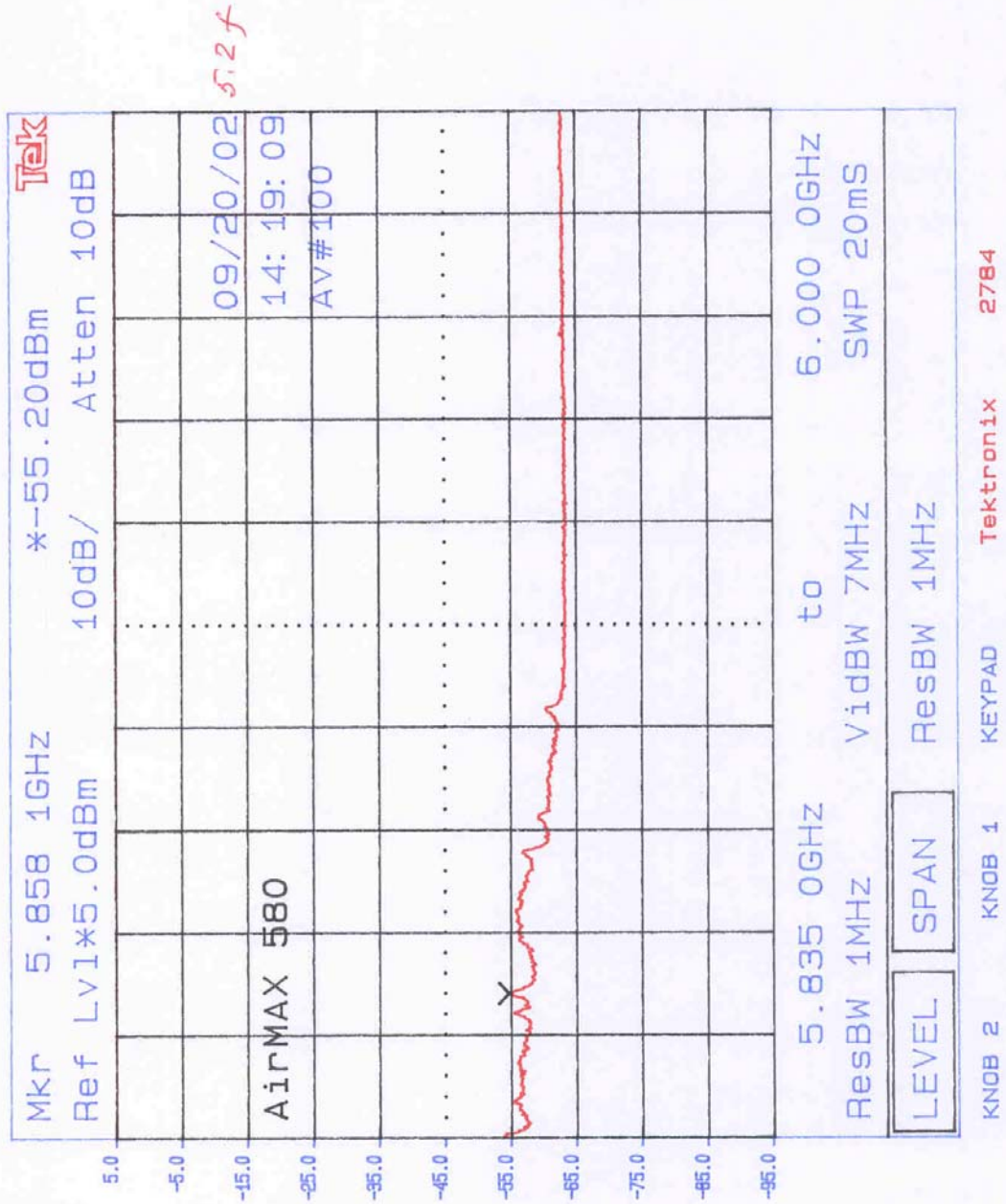

5.2a
Tek
Mkr 766.2MHz
Ref Lvl*5.0dBm
*-47.70dBm
10dB/
Atten 20dB
09/20/02
13:53:48
AirMAX 580
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
30.0MHz
to
1.000 0GHz
ResBW 1MHz
VidBW 7MHz
SWP 20mS
LEVEL
SPAN
Ref Lvl*5.0dBm
KNOB 2
KNOB 1
KEYPAD
Tektronix
2784

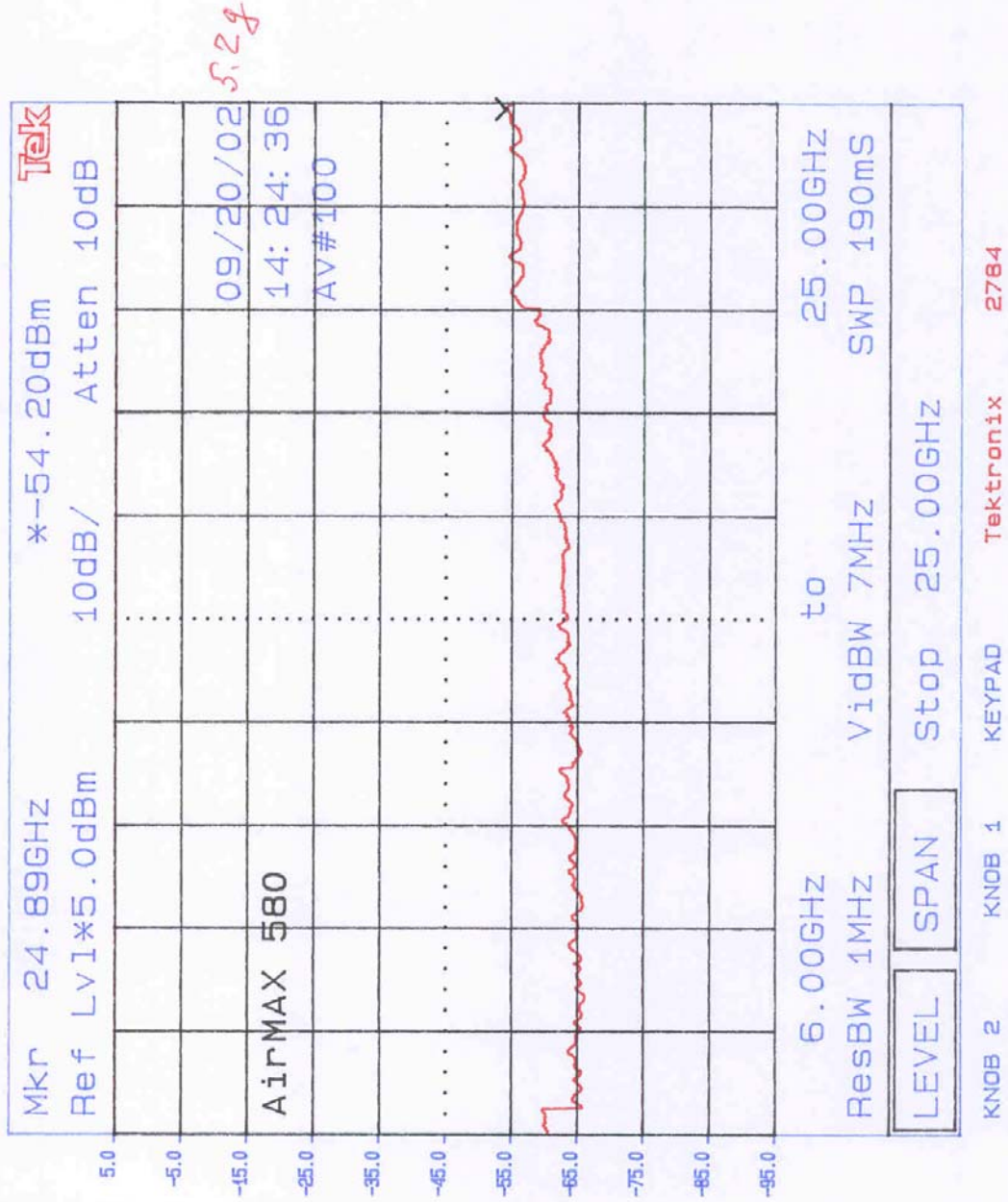

Mkr 5.715GHz *-60.20dBm Tek
Ref Lvl*5.0dBm 10dB/ Atten 10dB
5.2b
09/20/02
13:57:18
AV#100
AirMAX 580
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
1.000GHz to 5.715GHz
ResBW 1MHz VidBW 7MHz SWP 47mS
LEVEL SPAN Atten 10dB
KNOB 2 KNOB 1 KEYPAD Tektronix 2784

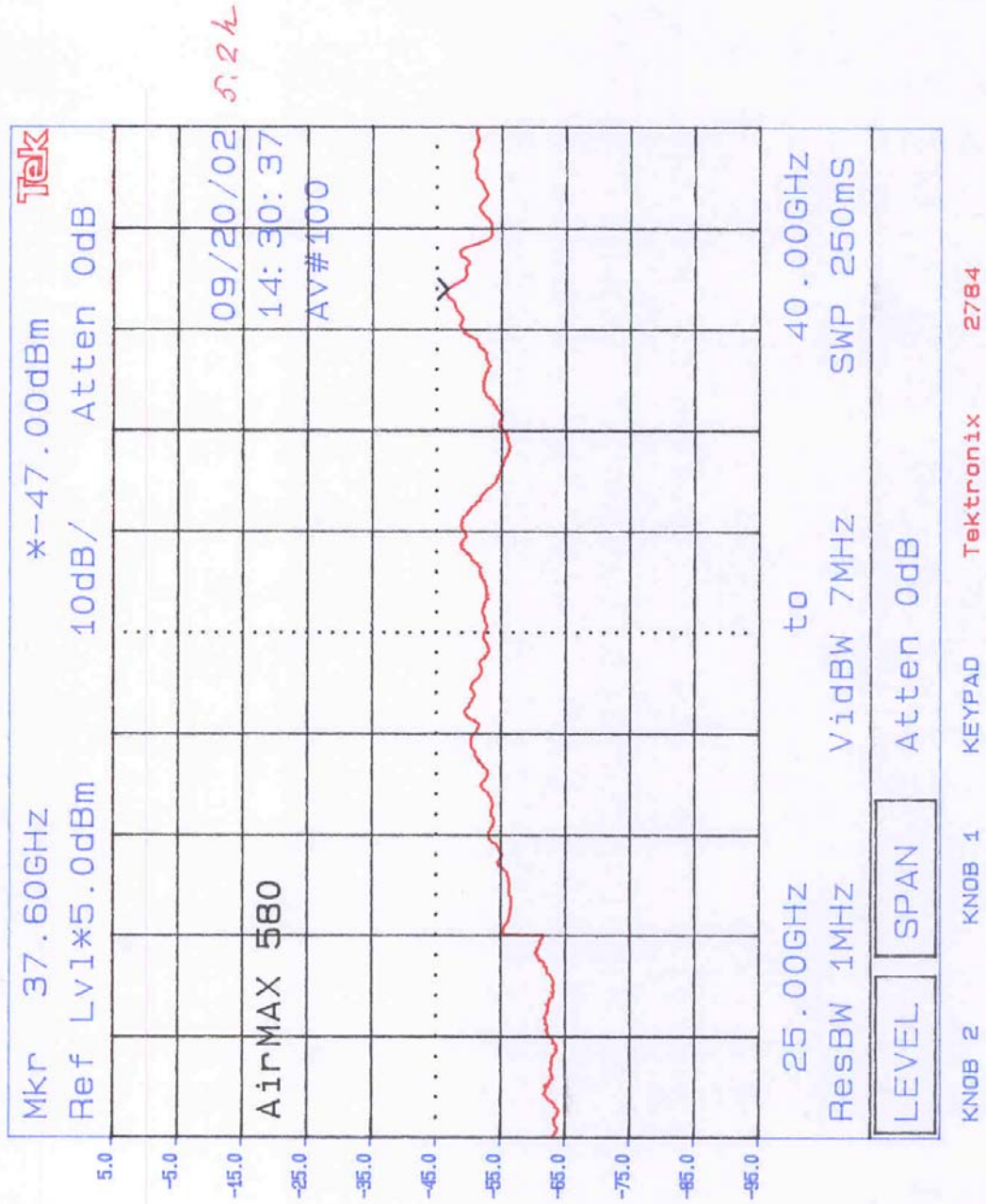

Mkr 5.725 00GHz *-58.80dBm Tek
Ref Lvl*5.0dBm 10dB/ Atten 10dB
5.2c
09/20/02
14: 01: 02
AV#100
AirMAX 580
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
5.715 00GHz to 5.725 00GHz
ResBW 1MHz VidBW 7MHz SWP 50mS
LEVEL SPAN Stop 5.725 00GHz
KNOB 2 KNOB 1 KEYPAD Tektronix 2784

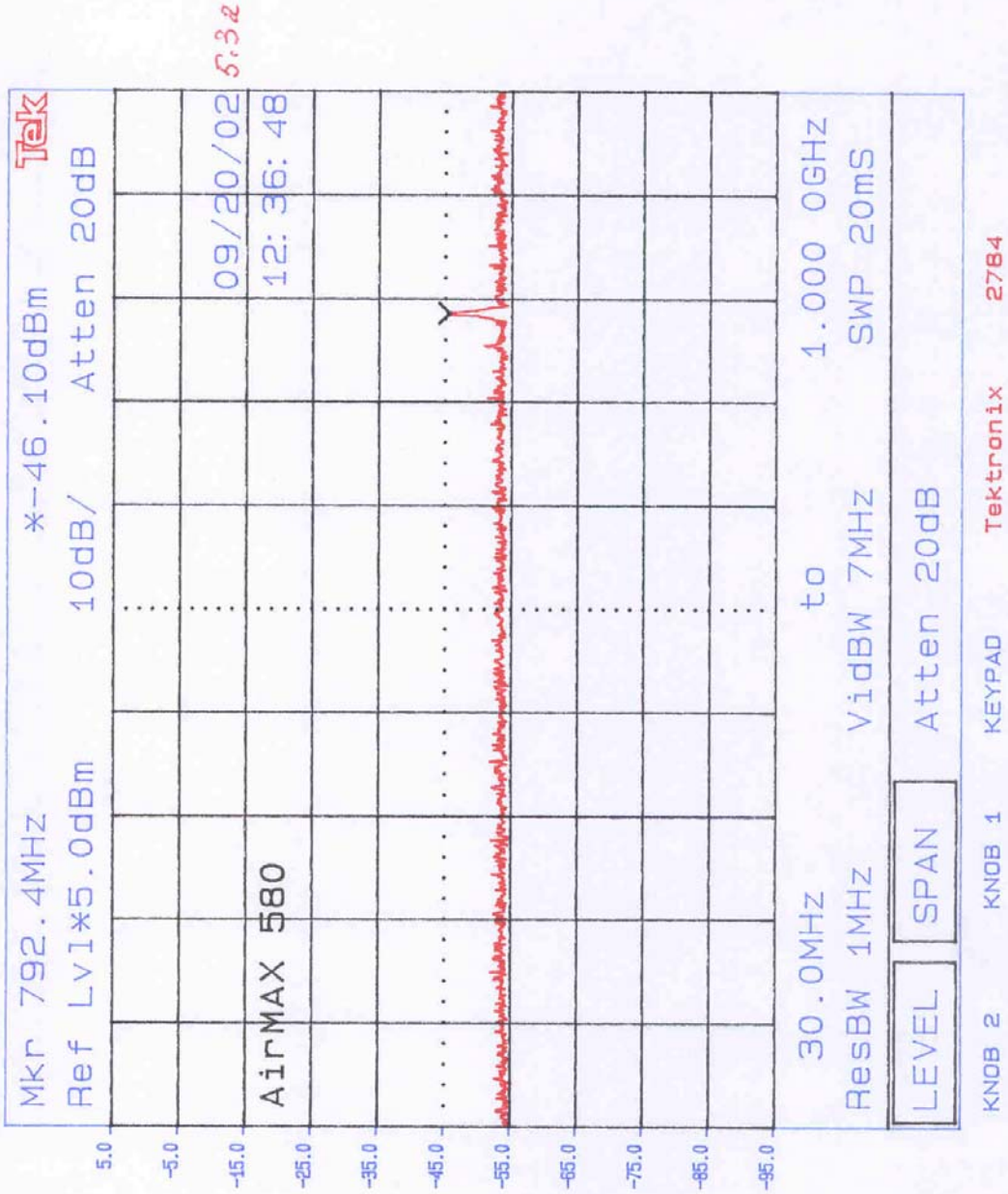

Mkr 5.825 29GHz *-53.40dBm
Ref Lvl*5.0dBm 10dB/ Atten 10dB
AirMAX 580
09/20/02
14: 08: 41
AV#100
5.24
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
5.825 00GHz to 5.835 00GHz
ResBW 1MHz VidBW 7MHz SWP 50mS
LEVEL SPAN VidBW 7MHz
KNOB 2 KNOB 1 KEYPAD Tektronix 2784

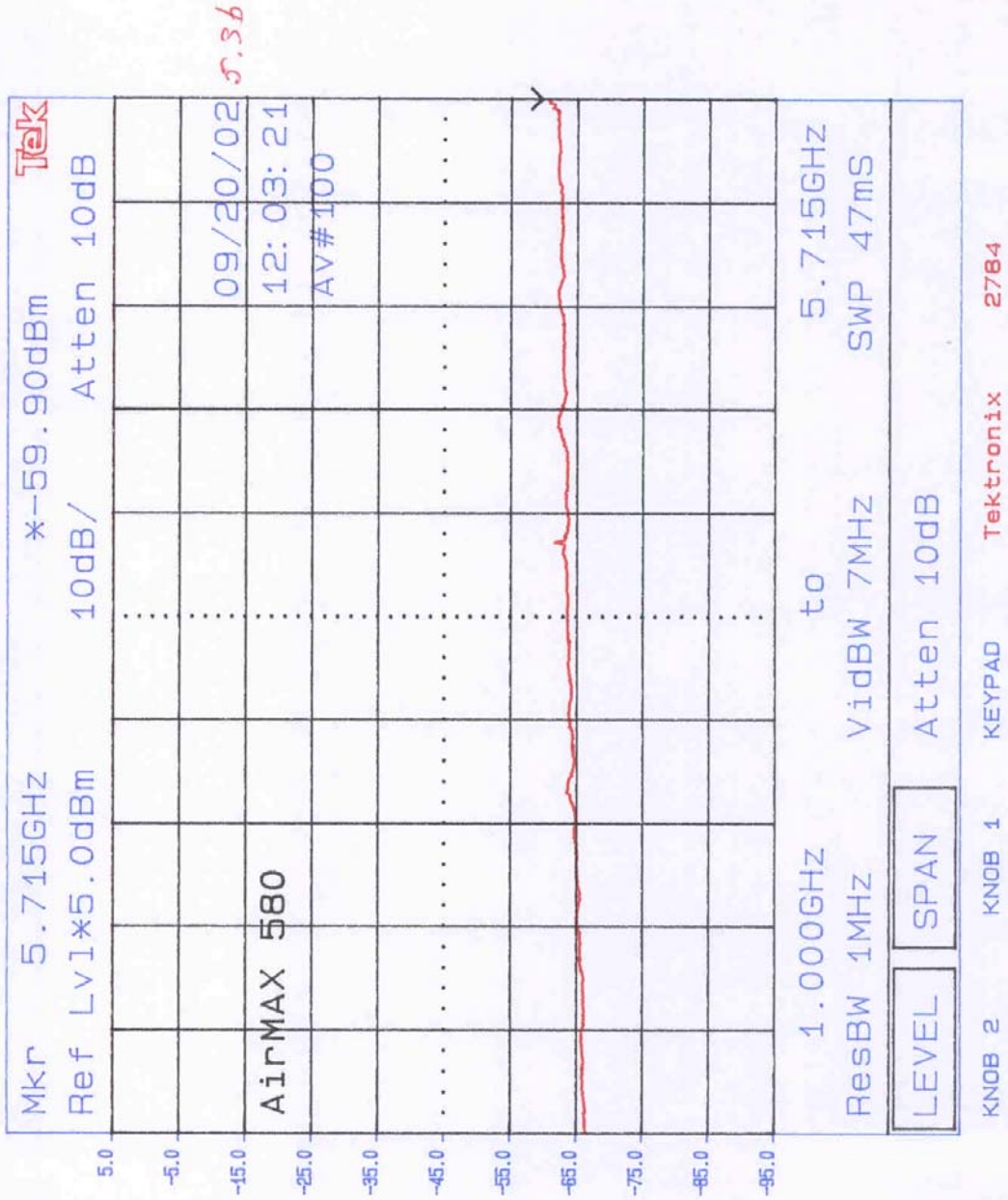

Mkr 5.835 00GHz *-56.70dBm Tek
Ref Lvl*5.0dBm 10dB/ Atten 10dB
AirMAX 580
09/20/02
14: 15: 18
AV#100
5.2 e
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
5.825 00GHz to 5.835 00GHz
ResBW 1MHz VidBW 7MHz SWP 50mS
LEVEL SPAN VidBW 7MHz
KNOB 2 KNOB 1 KEYPAD Tektronix 2784

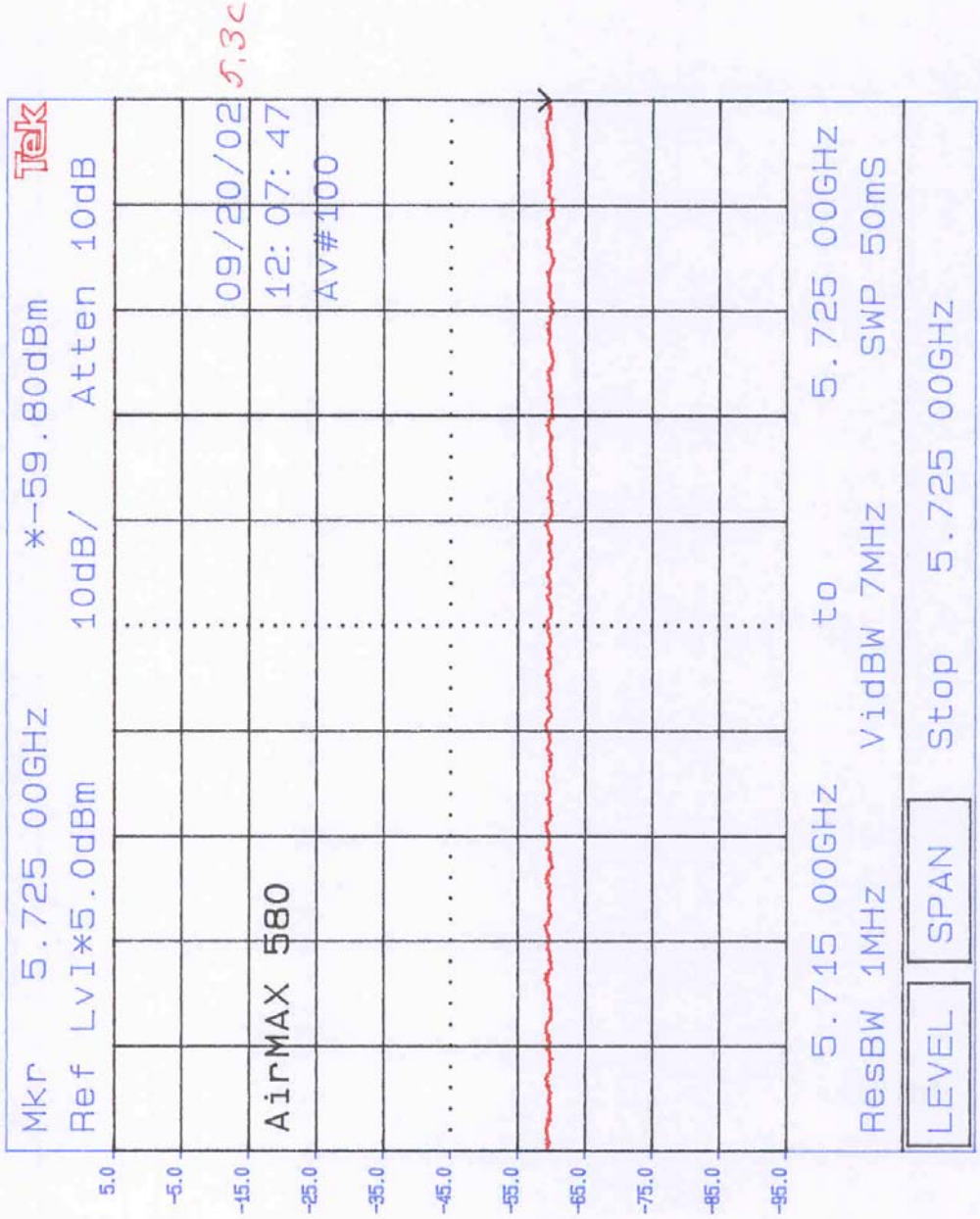

Mkr 5.858 1GHz *-55.20dBm
Ref Lvl*5.0dBm 10dB/ Atten 10dB
Tek
5.2f
09/20/02
14: 19: 09
AV#100
AirMAX 580
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
5.835 0GHz to 6.000 0GHz
ResBW 1MHz VidBW 7MHz SWP 20mS
LEVEL SPAN ResBW 1MHz
KNOB 2 KNOB 1 KEYPAD Tektronix 2784

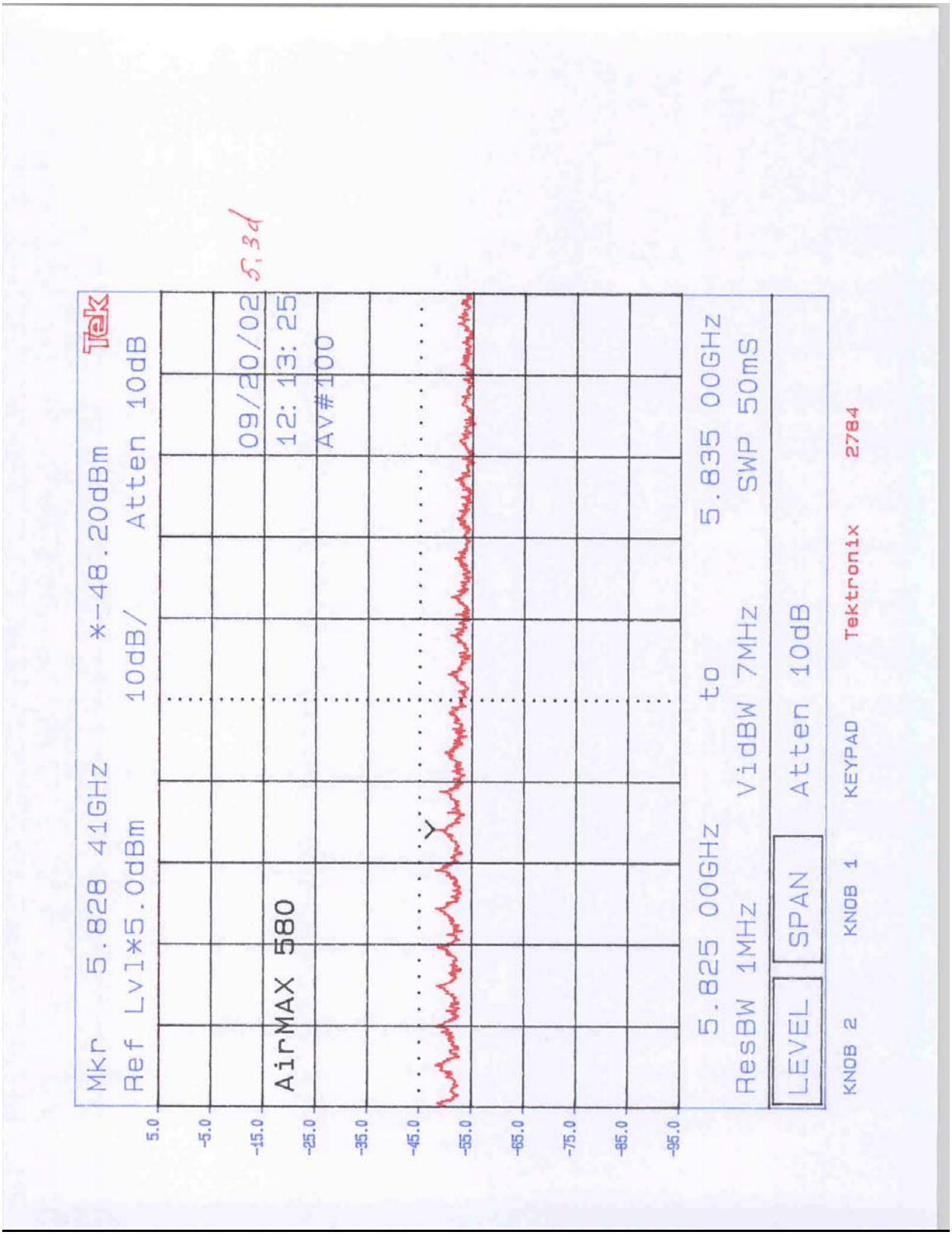

Mkr 24.89GHz
Ref Lvl *5.0dBm
*-54.20dBm
10dB/ Atten 10dB
Tek
AirMAX 580
09/20/02
14: 24: 36
AV#100
5.2g
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
6.00GHz
ResBW 1MHz
to
VidBW 7MHz
25.00GHz
SWP 190mS
LEVEL
SPAN
Stop 25.00GHz
KNOB 2
KNOB 1
KEYPAD
Tektronix
2784

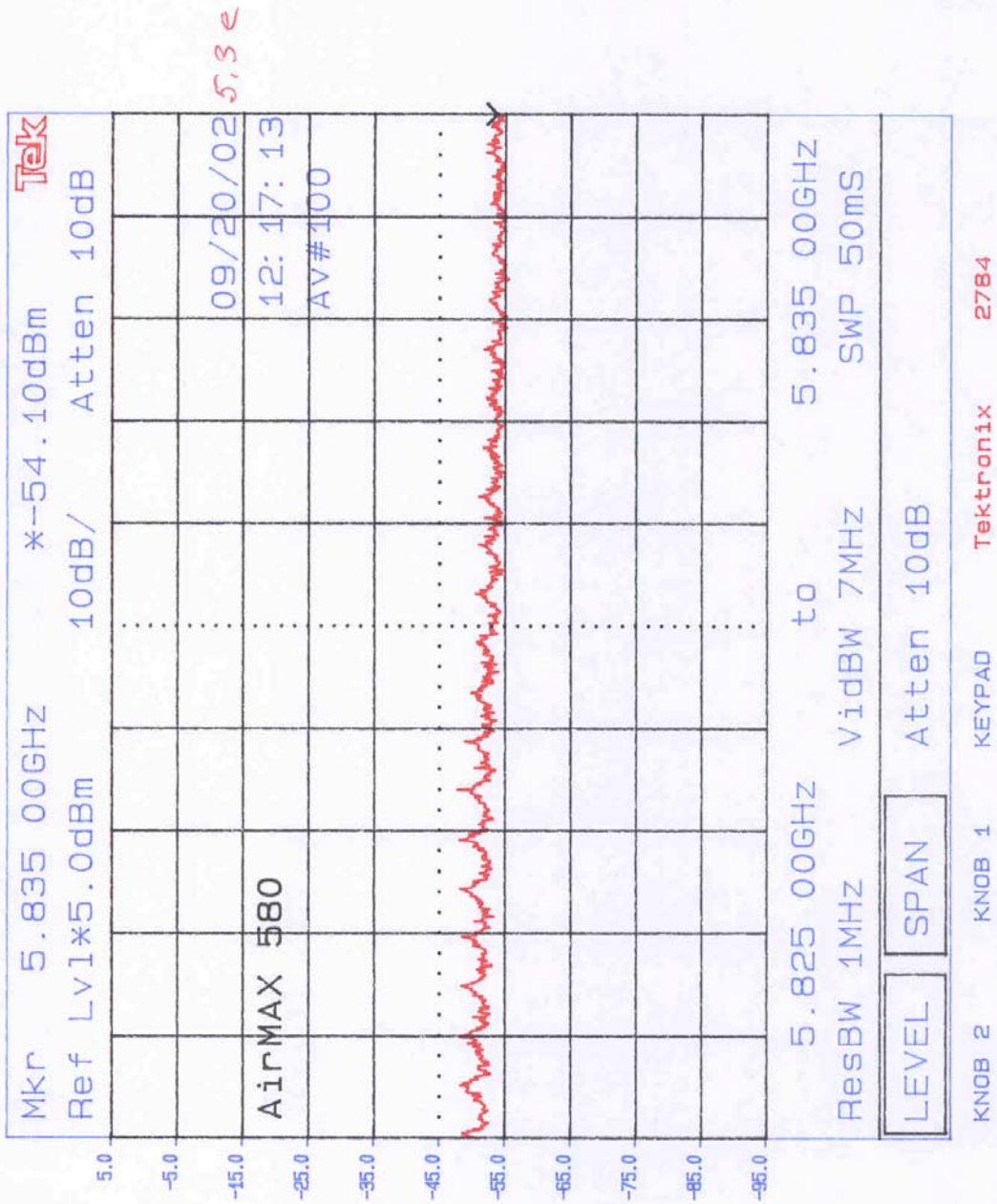

Mkr 37.60GHz
Ref Lvl*5.0dBm
*-47.00dBm
10dB/ Atten 0dB
Tek
AirMAX 580
09/20/02
14:30:37
AV#100
5.2k
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
25.00GHz
ResBW 1MHz
to
VidBW 7MHz
40.00GHz
SWP 250mS
LEVEL
SPAN
Atten 0dB
KNOB 2
KNOB 1
KEYPAD
Tektronix
2784

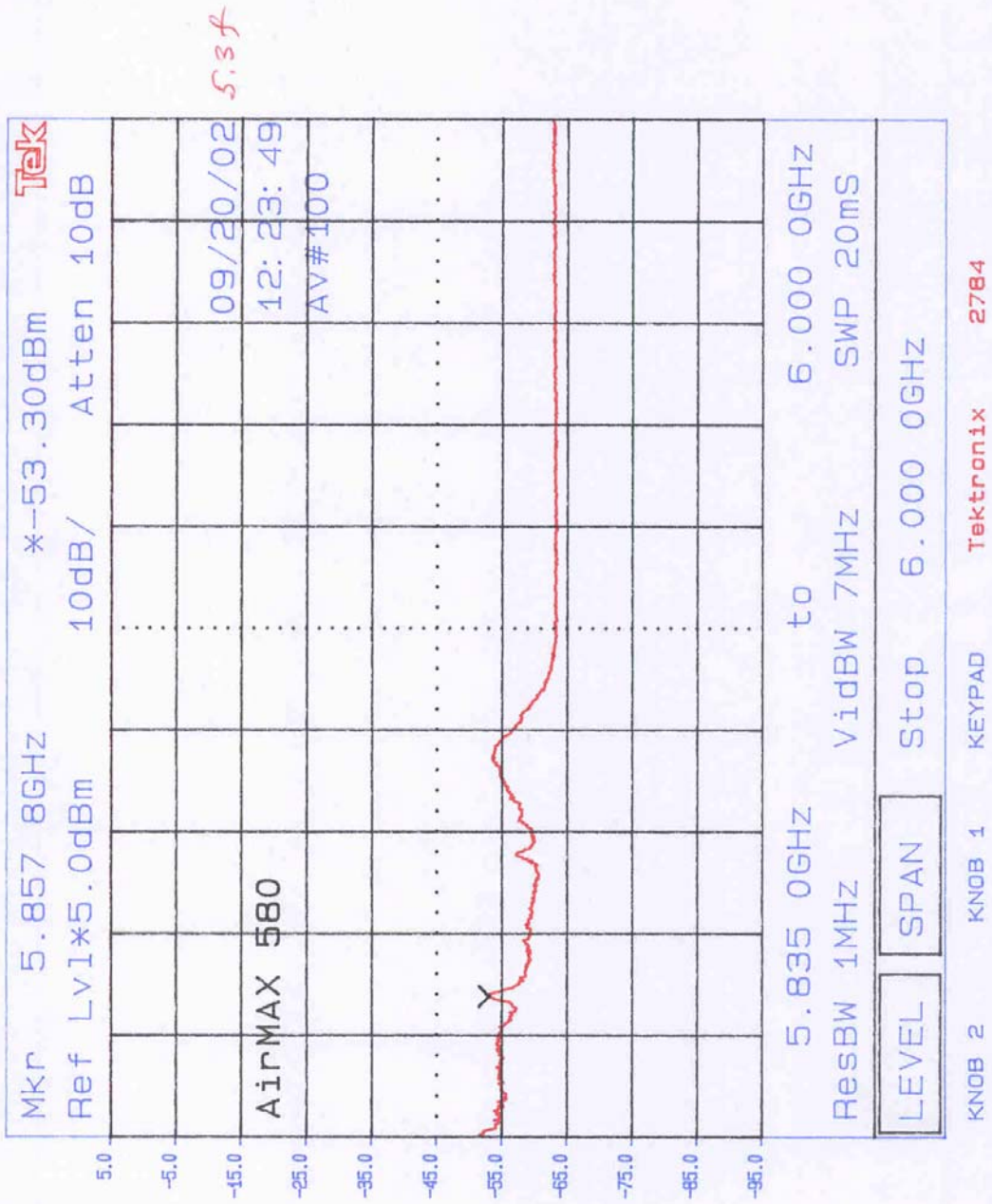

Mkr 792.4MHz
Ref Lvl*5.0dBm
*-46.10dBm
10dB/
Atten 20dB
Tek
AirMAX 580
09/20/02
12:36:48
5.3a
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
30.0MHz
to
1.000 0GHz
ResBW 1MHz
VidBW 7MHz
SWP 20mS
LEVEL
SPAN
Atten 20dB
KNOB 2
KNOB 1
KEYPAD
Tektronix
2784

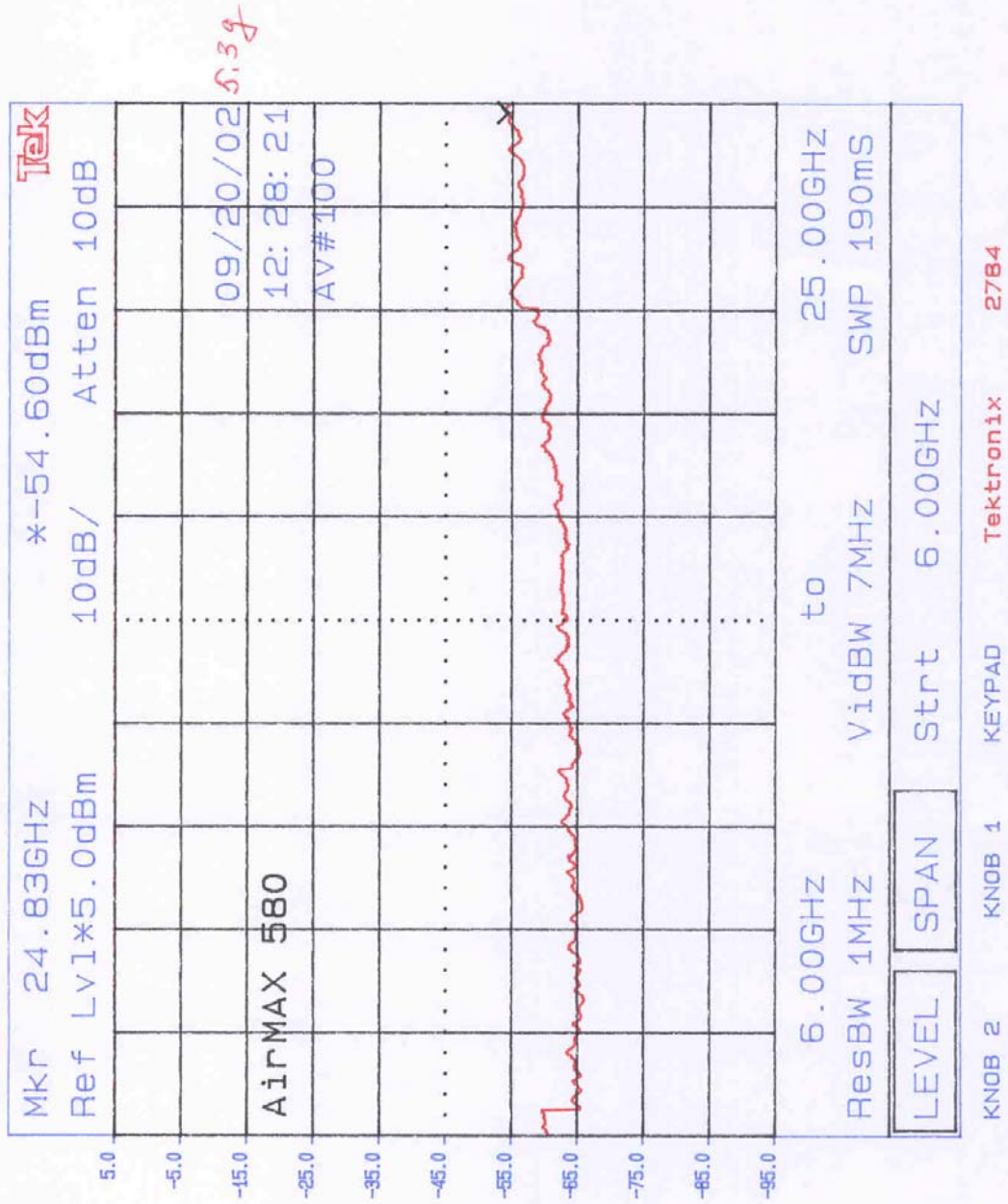

Mkr 5.715GHz *-59.90dBm Tek
Ref Lvl*5.0dBm 10dB/ Atten 10dB
09/20/02
12: 03: 21
AV#100
AirMAX 580
5.36
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
1.000GHz to 5.715GHz
ResBW 1MHz VidBW 7MHz SWP 47mS
LEVEL SPAN Atten 10dB
KNOB 2 KNOB 1 KEYPAD Tektronix 2784

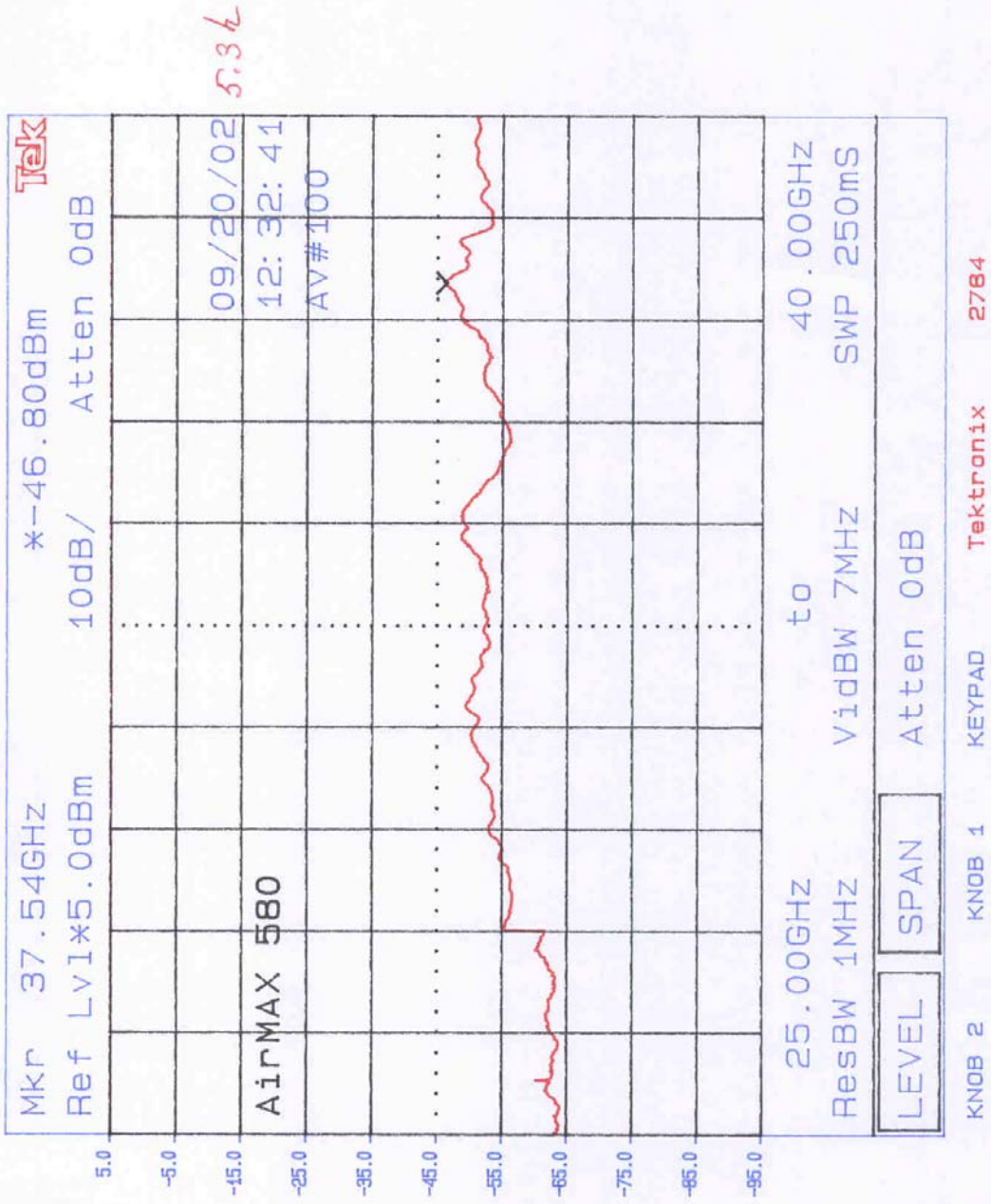

Mkr 5.725 00GHz *-59.80dBm Tek
Ref Lvl*5.0dBm 10dB/ Atten 10dB
AirMAX 580
09/20/02
12: 07: 47
AV#100
5.3c
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
5.715 00GHz to 5.725 00GHz
ResBW 1MHz VidBW 7MHz SWP 50mS
LEVEL SPAN Stop 5.725 00GHz
KNOB 2 KNOB 1 KEYPAD Tektronix 2784


Mkr 5.828 41GHz *-48.20dBm
Ref Lvl*5.0dBm 10dB/ Atten 10dB
Tek
AirMAX 580
09/20/02
12: 13: 25
AV#100
5.3d
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
5.825 00GHz to 5.835 00GHz
ResBW 1MHz VidBW 7MHz SWP 50mS
LEVEL SPAN Atten 10dB
KNOB 2 KNOB 1 KEYPAD Tektronix 2784


Mkr 5.835 00GHz *-54.10dBm Tek
Ref Lvl*5.0dBm 10dB/ Atten 10dB
AirMAX 580
09/20/02
12: 17: 13
AV#100
5,3e
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
5.825 00GHz to 5.835 00GHz
ResBW 1MHz VidBW 7MHz SWP 50mS
LEVEL SPAN Atten 10dB
KNOB 2 KNOB 1 KEYPAD Tektronix 2784


Mkr 5.857 8GHz *-53.30dBm Tek
Ref Lvl*5.0dBm 10dB/ Atten 10dB
AirMAX 580
09/20/02
12: 23: 49
AV#100
5.3f
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
5.835 0GHz to 6.000 0GHz
ResBW 1MHz VidBW 7MHz SWP 20mS
LEVEL SPAN Stop 6.000 0GHz
KNOB 2 KNOB 1 KEYPAD Tektronix 2784


Mkr 24.83GHz
Ref Lvl*5.0dBm
*-54.60dBm
10dB/
Atten 10dB
Tek
AirMAX 580
09/20/02
12:28:21
AV#100
5.3g
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
6.00GHz
to
25.00GHz
ResBW 1MHz
VidBW 7MHz
SWP 190mS
LEVEL
SPAN
Strt 6.00GHz
KNOB 2
KNOB 1
KEYPAD
Tektronix
2784


Mkr 37.54GHz
Ref Lvl*5.0dBm
*-46.80dBm
10dB/
Atten 0dB
Tek
AirMAX 580
09/20/02
12: 32: 41
AV#100
5.3L
5.0
-5.0
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-95.0
25.00GHz
ResBW 1MHz
to
VidBW 7MHz
40.00GHz
SWP 250mS
LEVEL
SPAN
Atten 0dB
KNOB 2
KNOB 1
KEYPAD
Tektronix
2784