5.3.3 TEST PROCEDURE

2. The transmitter output was connected to the spectrum analyzer.
3. Set span to encompass the entire emission bandwidth of the signal.
4. Set RBW to 1MHz, VBW to 30kHz.
5. Using the spectrum analyzer' s channel power measurement function to measure the output power.

5.3.4 DEVIATION FROM TEST STANDARD

No deviation

5.3.5 TEST SETUP

5.3.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.

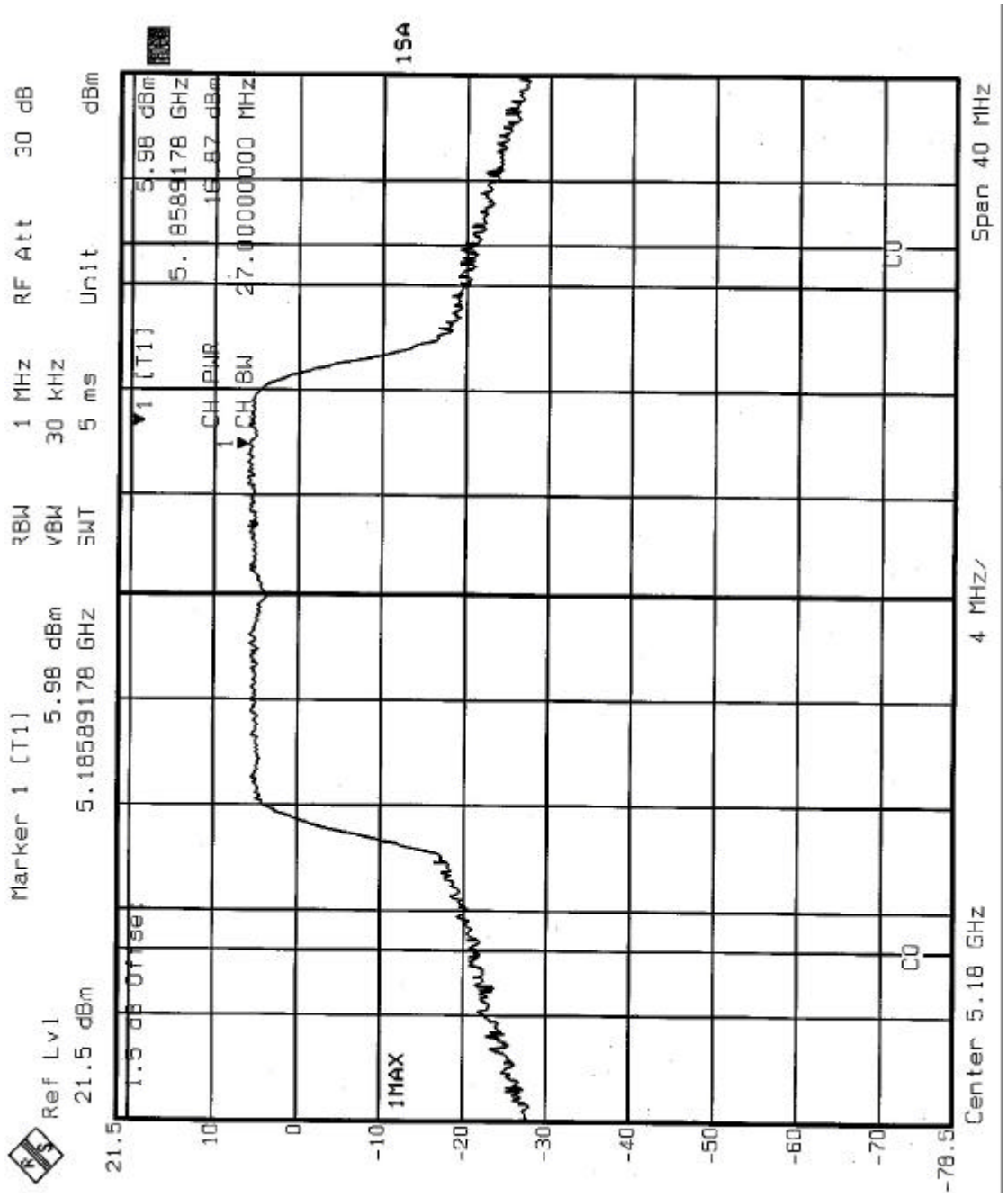
5.3.7 TEST RESULTS

EUT	WLAN Dual Band Access Point	**MODEL**	WAP-50
MODE	Normal	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	20eg. C, 60RH, 976 hPa	**TESTED BY**	Hank Chung

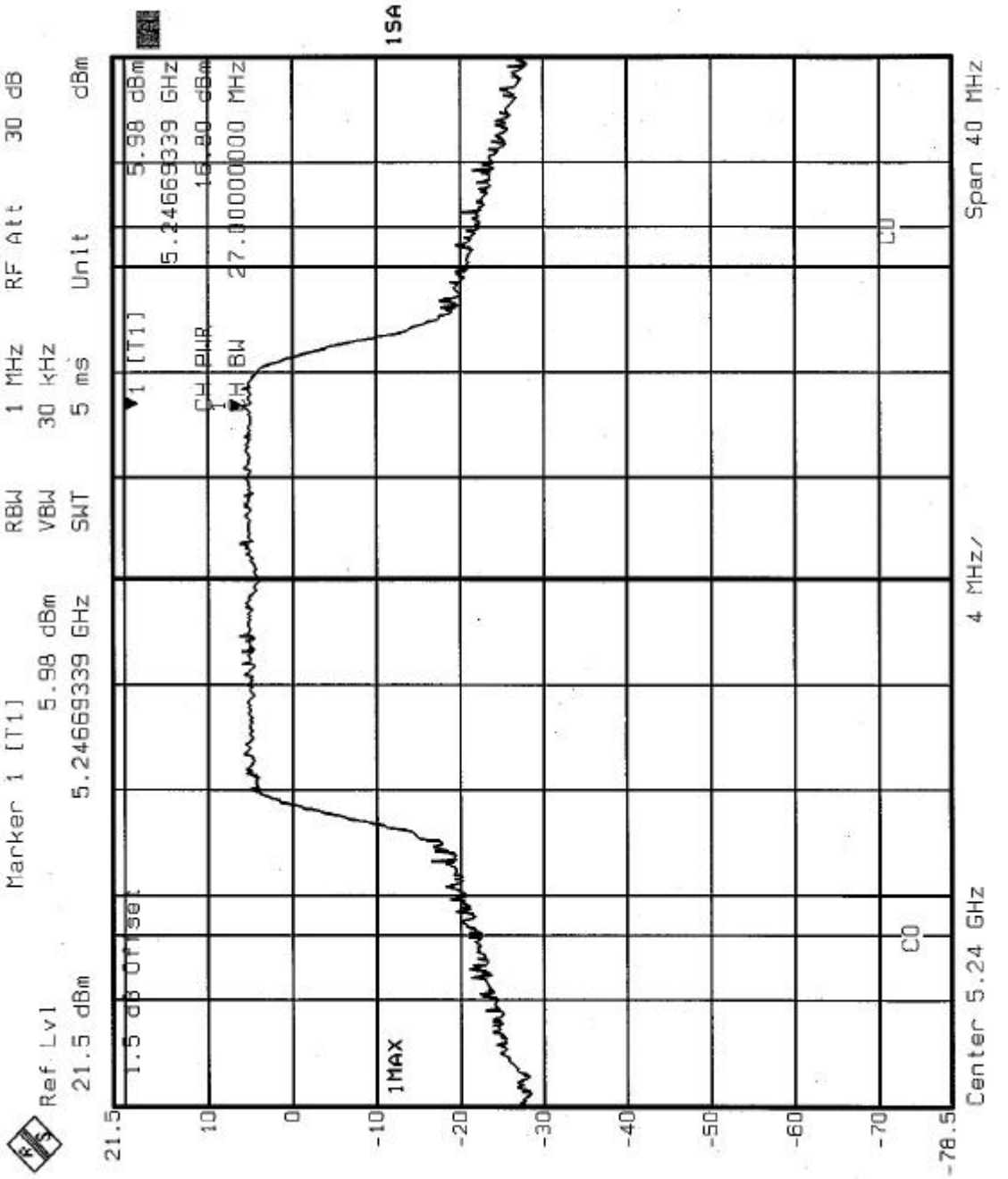
CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	26dBc Occupied Bandwidth (MHz)	PASS/FAIL
1	5180	16.87	17.00	25.25	PASS
4	5240	16.80	17.00	25.01	PASS
5	5260	20.04	24.00	28.85	PASS
8	5320	18.94	24.00	24.88	PASS
9	5745	18.75	30.00	25.61	PASS
12	5805	18.96	30.00	26.93	PASS

NOTE: The 26dBc Occupied Bandwidth plot, please refer to the following pages.

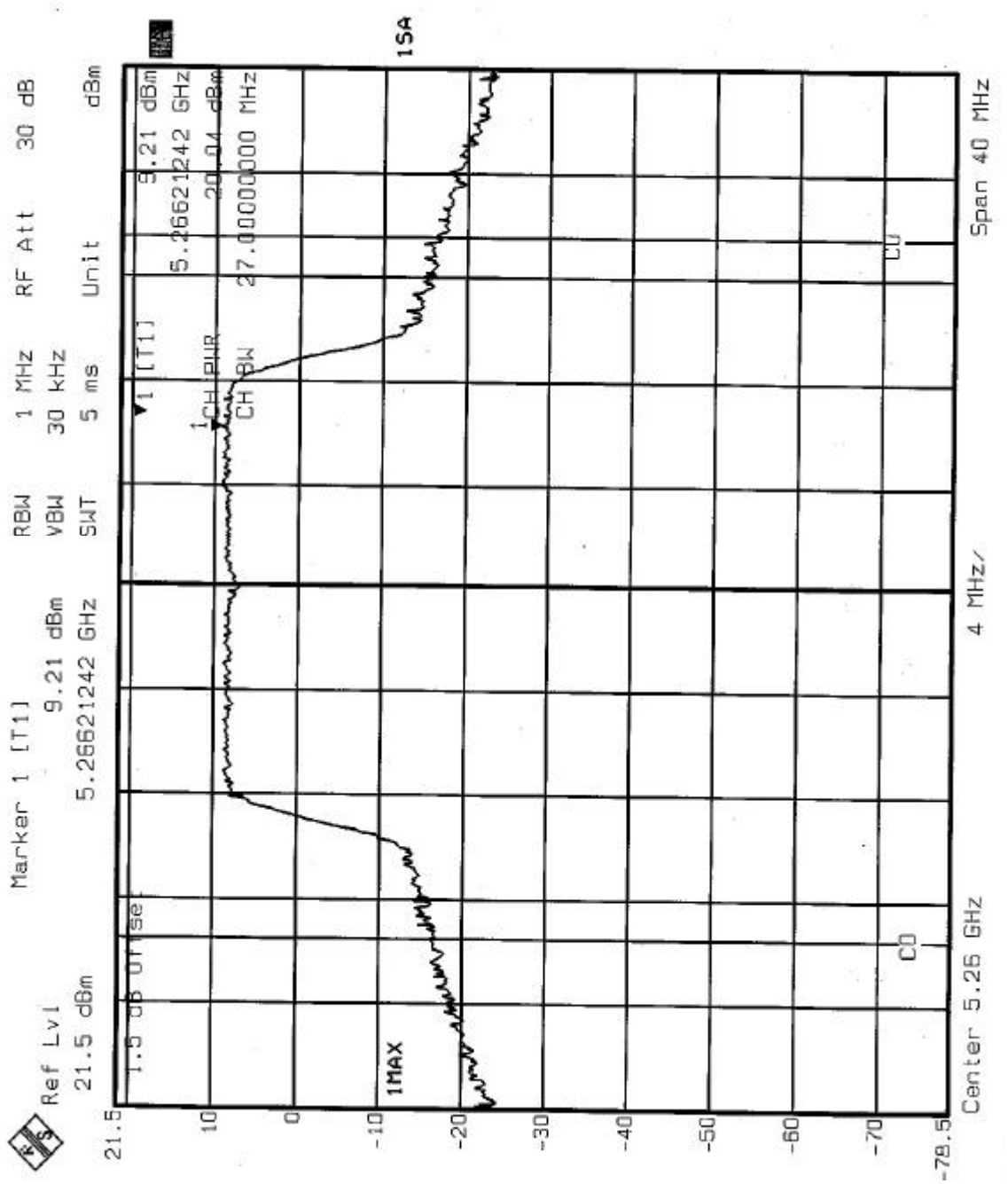
CHANNEL 1


Marker 1 [T1]
5.98 dBm
5.18589178 GHz
RBW 1 MHz
VBW 30 kHz
SWT 5 ms
RF Att 30 dB
Unit dBm
Ref Lvl
21.5 dBm
1.5 dB Offset
1MAX
1SA
1 [T1]
CH PWR
CH BW
5.98 dBm
5.18589178 GHz
16.87 dBm
27.00000000 MHz
Center 5.18 GHz
4 MHz/
Span 40 MHz
21.5
10
0
-10
-20
-30
-40
-50
-60
-70
-78.5

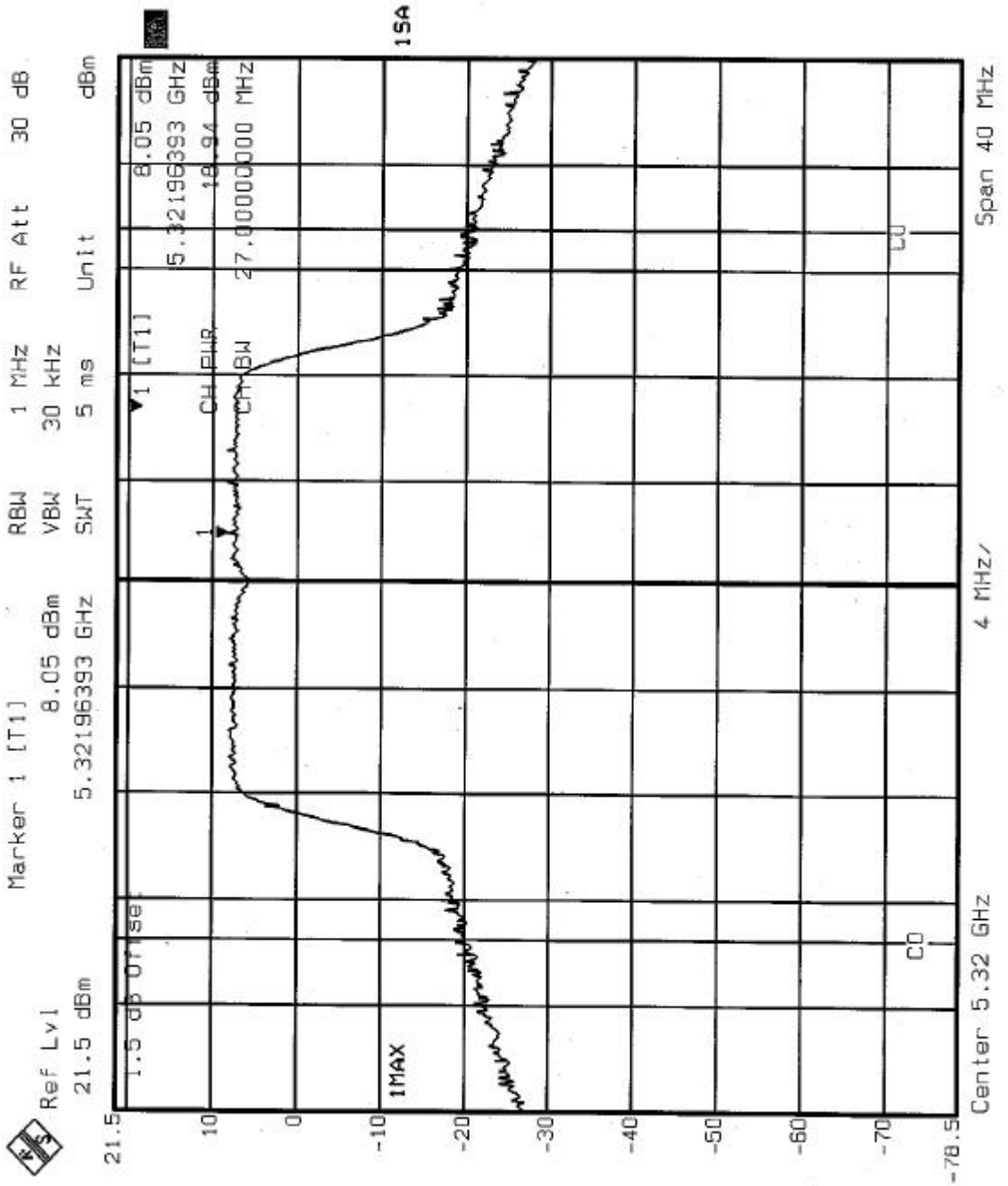
CHANNEL 4


Marker 1 [T1]
5.98 dBm
5.24669339 GHz
Ref Lvl
21.5 dBm
1.5 dB Offset
RBW 1 MHz
VBW 30 kHz
SWT 5 ms
RF Att 30 dB
Unit dBm
1 [T1]
5.98 dBm
5.24669339 GHz
CH PWR 16.80 dBm
CH BW 27.00000000 MHz
1SA
1MAX
Center 5.24 GHz
4 MHz/
Span 40 MHz
21.5
10
0
-10
-20
-30
-40
-50
-60
-70
-78.5

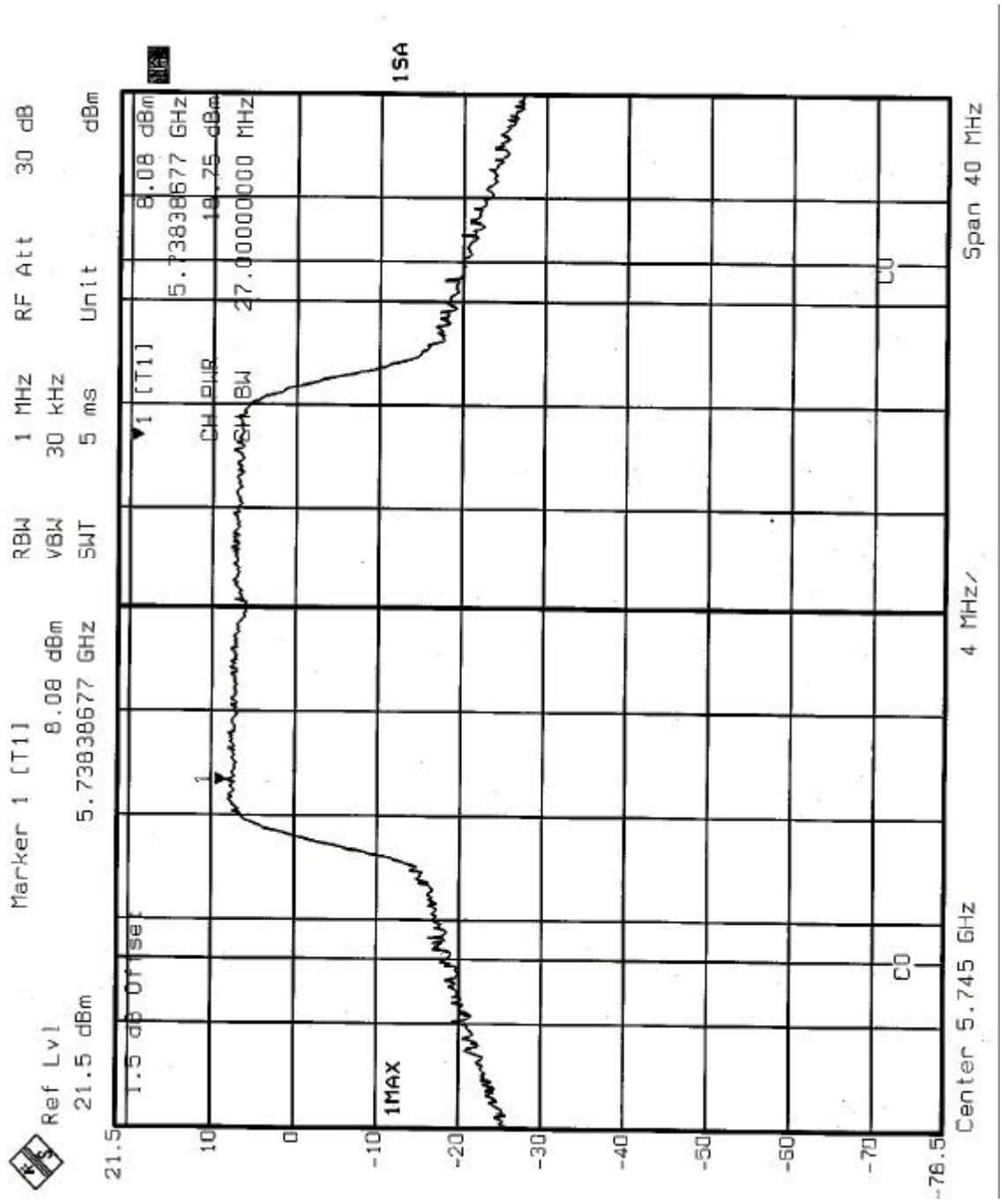
CHANNEL 5


Marker 1 [T1]
9.21 dBm
5.26621242 GHz
RBW 1 MHz
VBW 30 kHz
SWT 5 ms
RF Att 30 dB
Unit dBm
Ref Lvl
21.5 dBm
1SA
1MAX
CH PWR
CH BW
9.21 dBm
5.26621242 GHz
20.04 dBm
27.000000000 MHz
Center 5.25 GHz
4 MHz/
Span 40 MHz

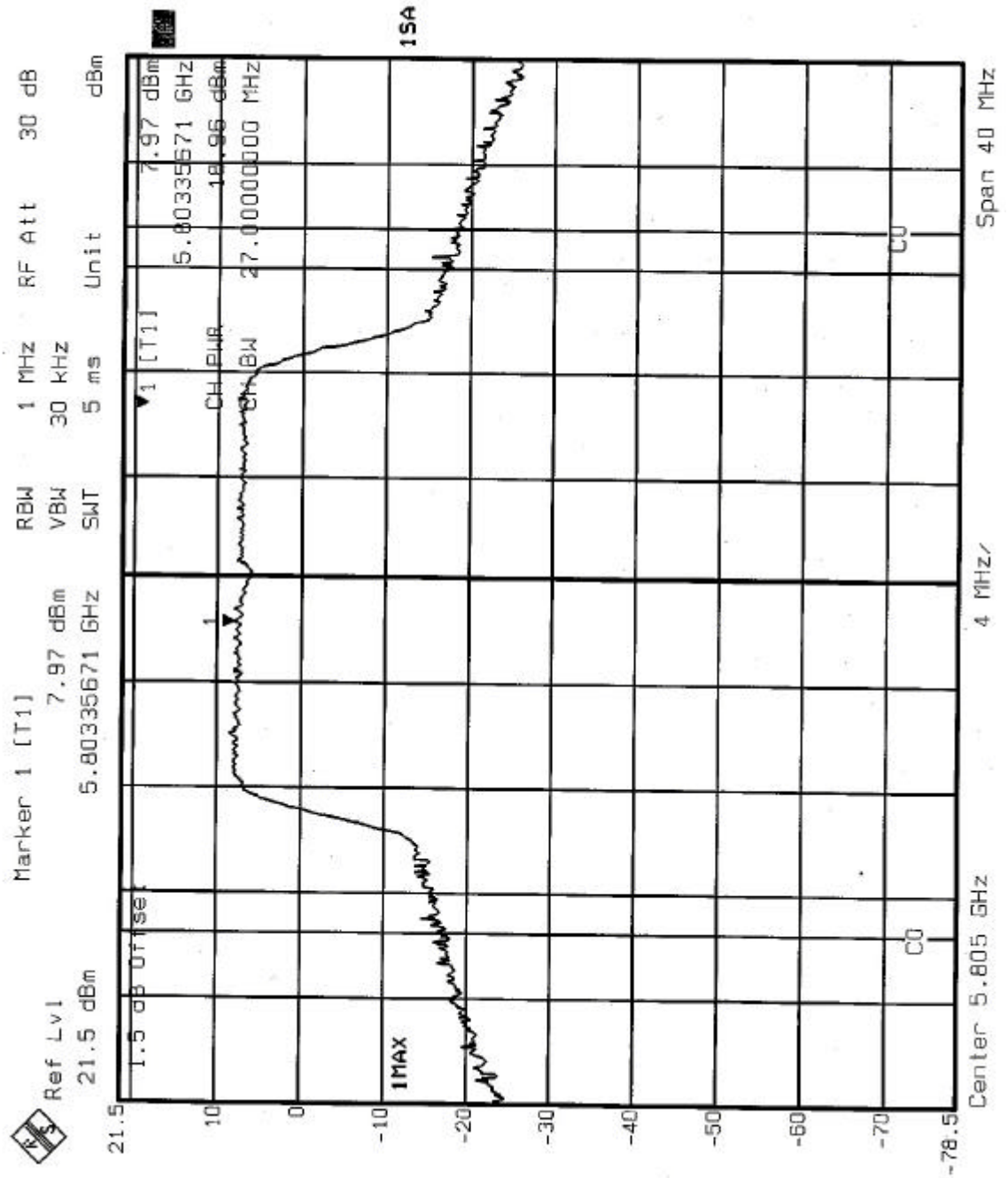
CHANNEL 8


Marker 1 [T1]
8.05 dBm
5.32196393 GHz
Ref Lvl
21.5 dBm
1.5 dB Offset
RBW 1 MHz
VBW 30 kHz
SWT 5 ms
RF Att 30 dB
Unit dBm
1SA
1MAX
1 [T1]
8.05 dBm
5.32196393 GHz
CH PWR 18.94 dBm
CH BW 27.000000000 MHz
Center 5.32 GHz
4 MHz/
Span 40 MHz

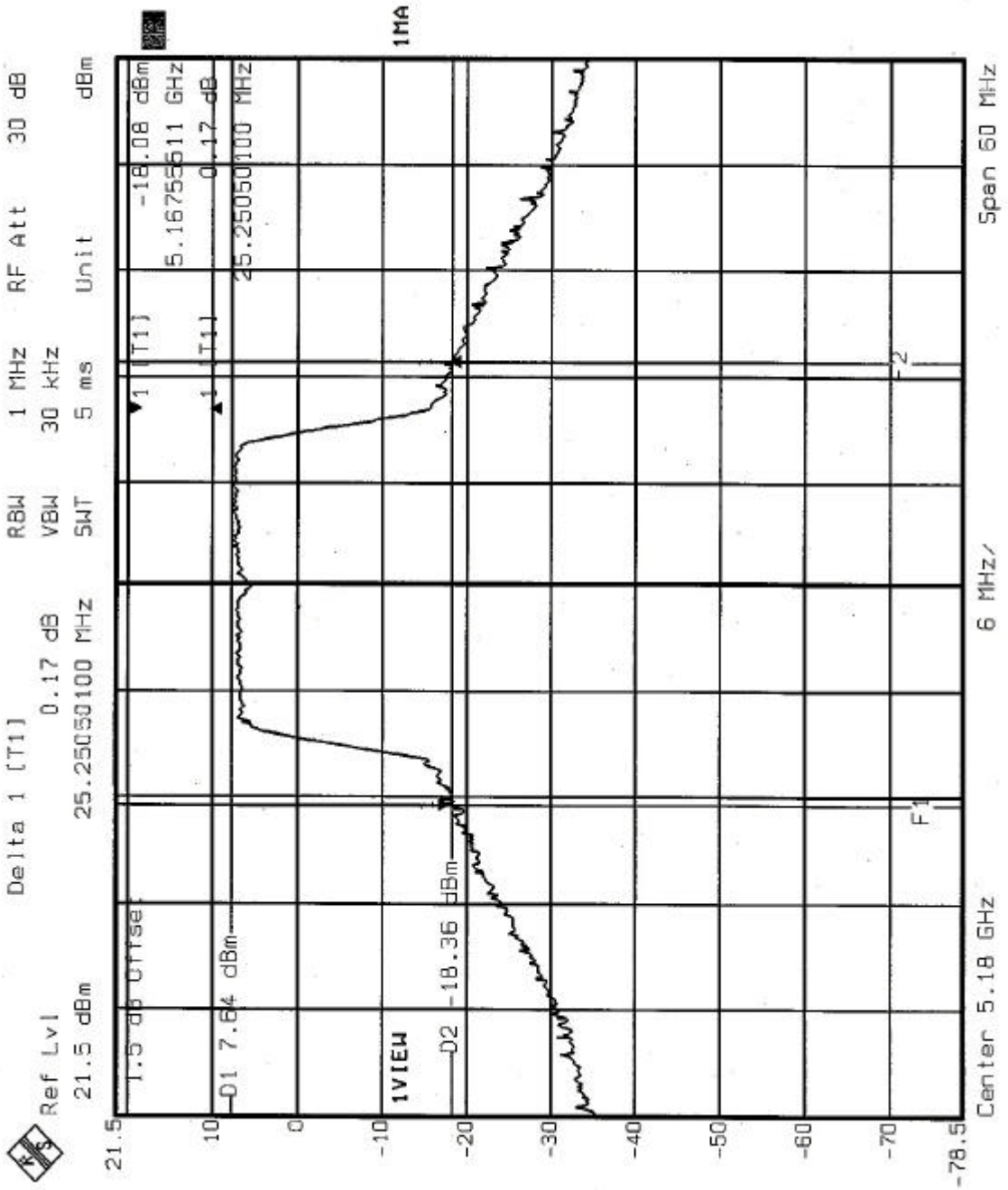
CHANNEL 9


Marker 1 [T1]
8.08 dBm
5.73838677 GHz
Ref Lvl
21.5 dBm
1.5 dB Offset
RBW 1 MHz
VBW 30 kHz
SWT 5 ms
RF Att 30 dB
Unit dBm
1 [T1]
8.08 dBm
5.73838677 GHz
CH PWR 18.75 dBm
SH BW 27.00000000 MHz
1SA
1MAX
Center 5.745 GHz
4 MHz/
Span 40 MHz
21.5
10
0
-10
-20
-30
-40
-50
-60
-70
-78.5

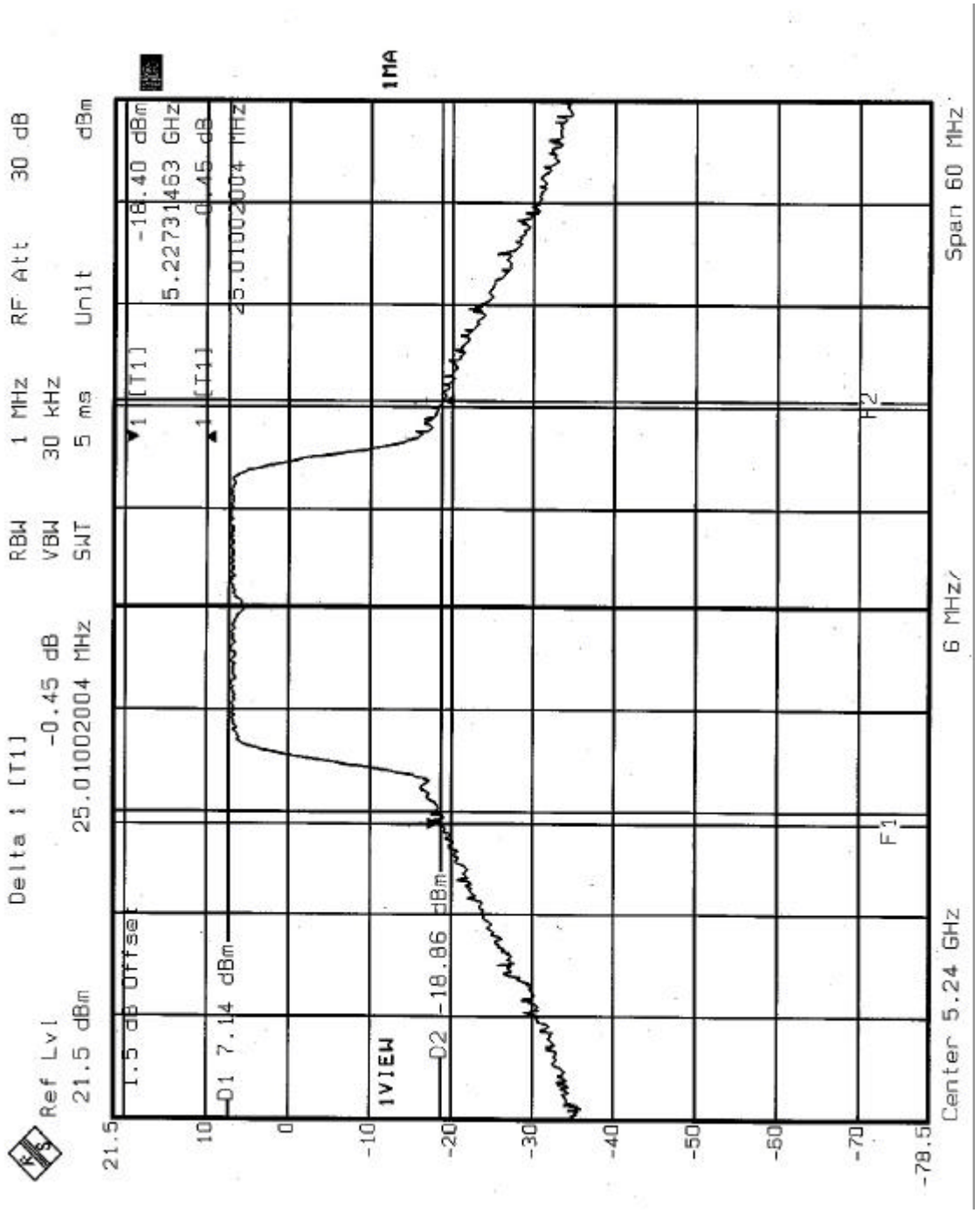
CHANNEL 12


Marker 1 [T1]
7.97 dBm
5.80335671 GHz
Ref Lvl
21.5 dBm
1.5 dB Offset
RBW 1 MHz
VBW 30 kHz
SWT 5 ms
RF Att 30 dB
Unit dBm
1 [T1]
7.97 dBm
5.80335671 GHz
CH PWR 10.96 dBm
CH BW 27.000000000 MHz
1SA
1MAX
Center 5.805 GHz
4 MHz/
Span 40 MHz
21.5
10
0
-10
-20
-30
-40
-50
-60
-70
-78.5

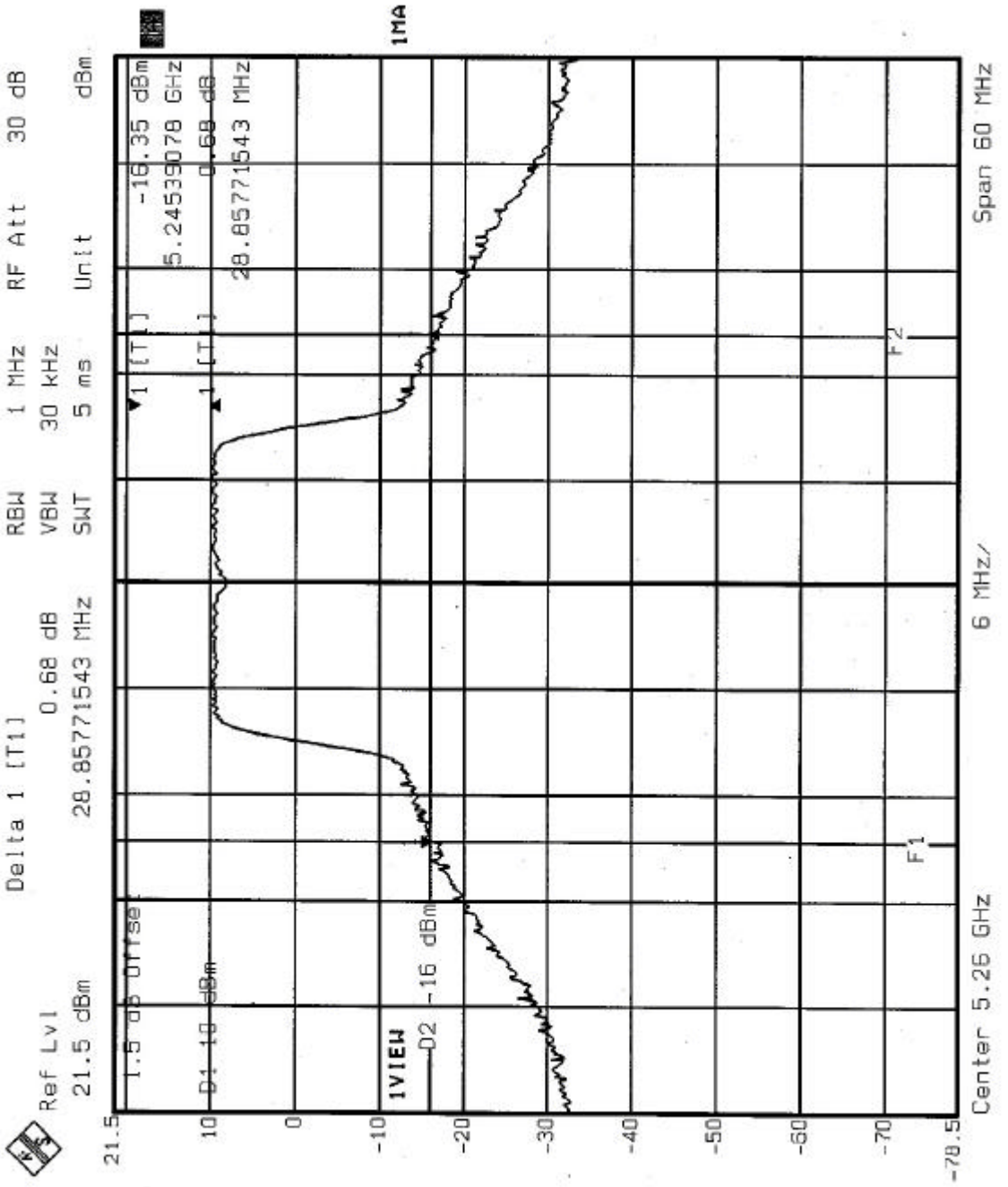
CHANNEL 1


Agilent Technologies
Ref Lvl
21.5 dBm
1.5 dB Offset
Delta 1 [T1]
0.17 dB
25.25050100 MHz
RBW 1 MHz
VBW 30 kHz
SWT 5 ms
RF Att 30 dB
Unit dBm
1MA
-18.08 dBm
5.16755611 GHz
0.17 dB
25.25050100 MHz
D1 7.64 dBm
1VIEW
D2 -18.36 dBm
Span 60 MHz
6 MHz/
Center 5.18 GHz
21.5
10
0
-10
-20
-30
-40
-50
-60
-70
-78.5

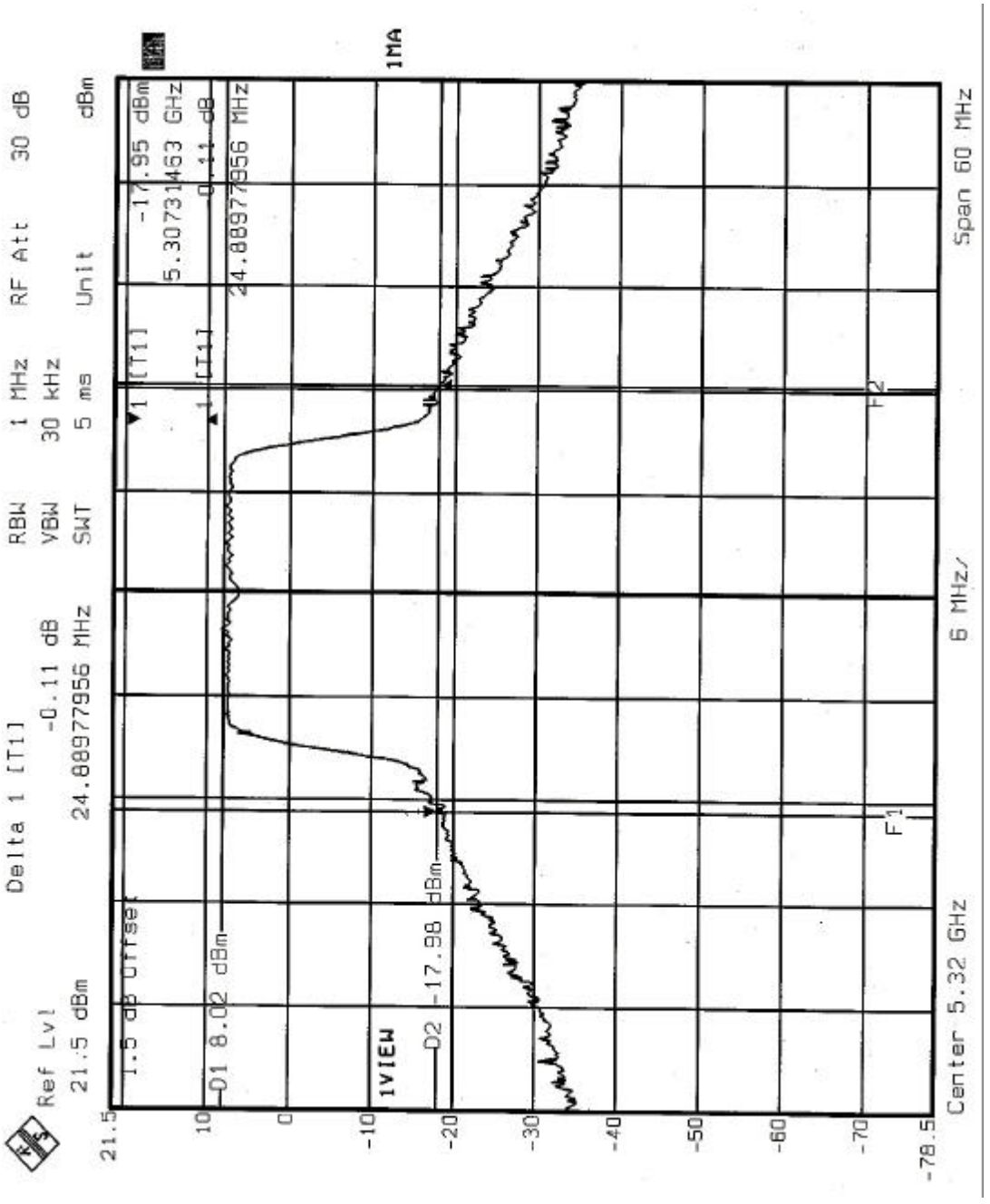
CHANNEL 4


Delta 1 [T1]
-0.45 dB
25.01002004 MHz
RBW 1 MHz
VBW 30 kHz
SWT 5 ms
RF Att 30 dB
Unit dBm
Ref Lvl
21.5 dBm
1.5 dB Offset
D1 7.14 dBm
1VIEW
D2 -18.86 dBm
1MA
1 [T1] -18.40 dBm
5.22731463 GHz
1 [T1] -0.45 dB
25.01002004 MHz
Center 5.24 GHz
6 MHz/
Span 60 MHz
F1
F2
21.5
10
0
-10
-20
-30
-40
-50
-60
-70
-78.5

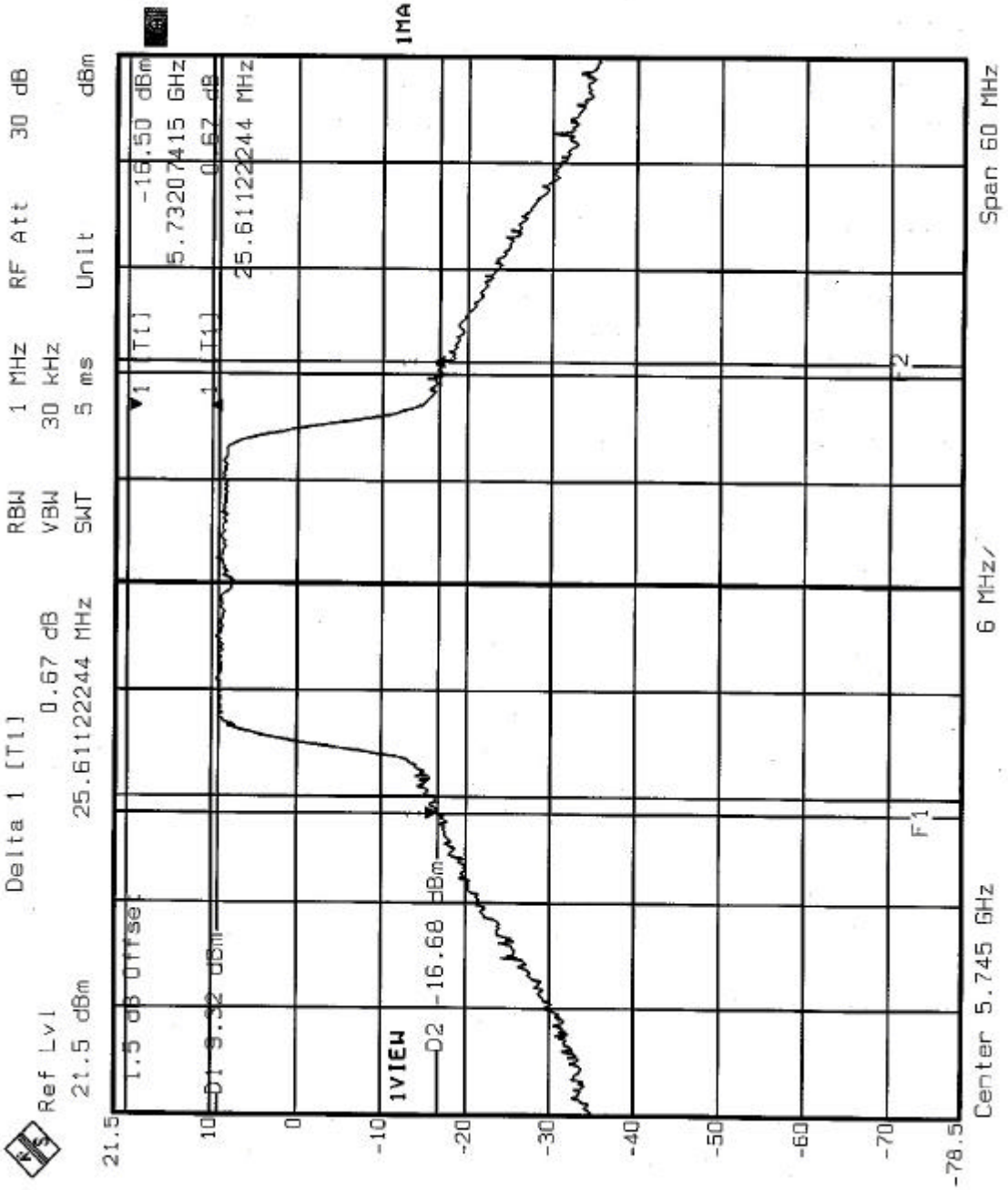
CHANNEL 5


Delta 1 [T1]
0.68 dB
28.85771543 MHz
RBW 1 MHz
VBW 30 kHz
SWT 5 ms
RF Att 30 dB
Unit dBm
-16.35 dBm
5.24539078 GHz
0.68 dB
28.85771543 MHz
Ref Lvl
21.5 dBm
1.5 dB Offset
D1 10 dBm
1VIEW
D2 -16 dBm
1MA
Span 60 MHz
6 MHz/
Center 5.25 GHz
F1
F2
21.5
10
0
-10
-20
-30
-40
-50
-60
-70
-78.5

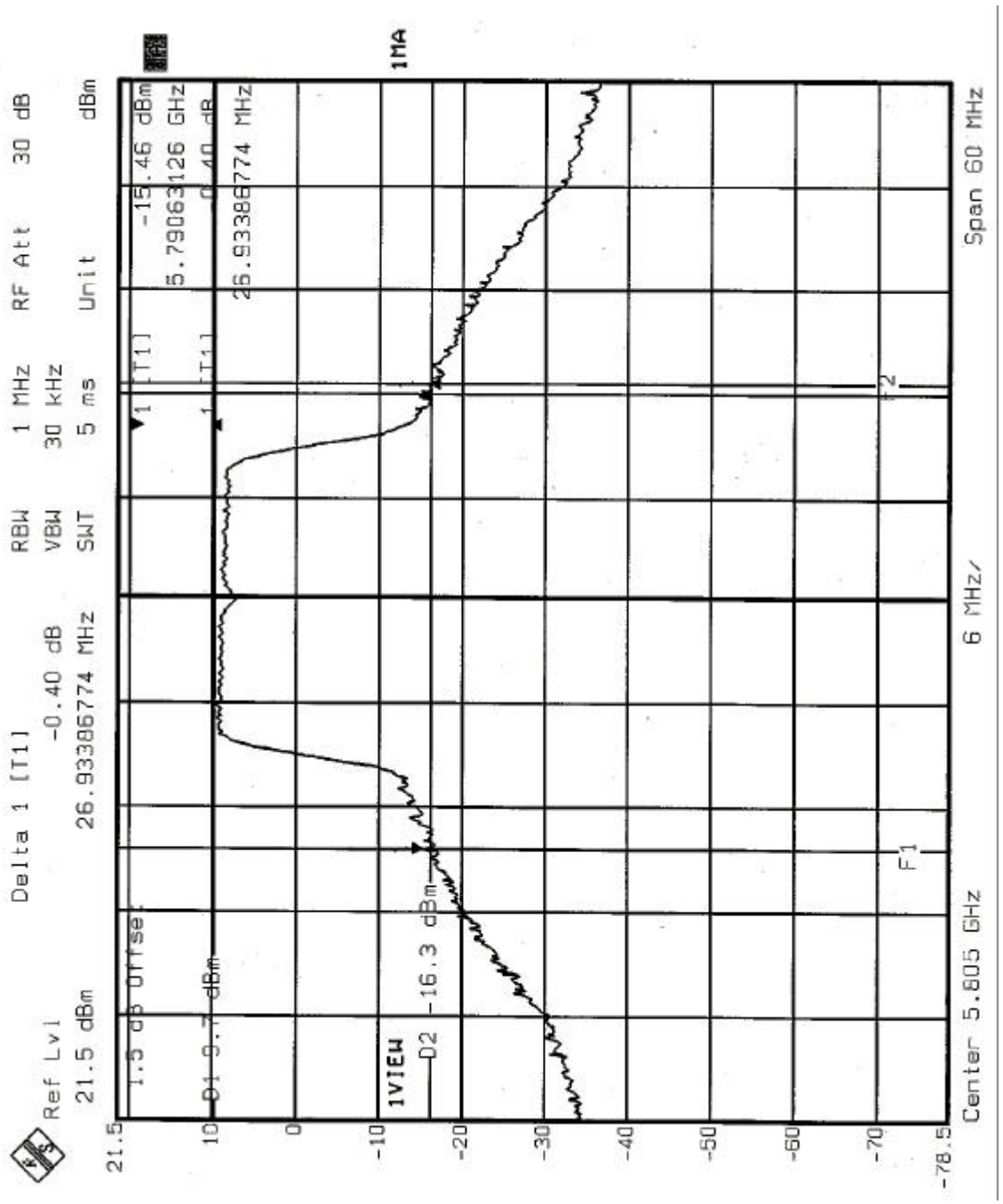
CHANNEL 8


Delta 1 [T1]
-0.11 dB
24.88977956 MHz
Ref Lvl
21.5 dBm
1.5 dB Offset
RBW 1 MHz
VBW 30 kHz
SWT 5 ms
RF Att 30 dB
Unit dBm
1MA
1VIEW
D1 8.02 dBm
D2 -17.98 dBm
[T1] -17.95 dBm
5.30731463 GHz
-0.11 dB
[T1] 24.88977956 MHz
Center 5.32 GHz
6 MHz/
Span 60 MHz

CHANNEL9


Delta 1 [T1]
0.67 dB
25.61122244 MHz
Ref Lvl
21.5 dBm
1.5 dB Offset
RBW 1 MHz
VBW 30 kHz
SWT 5 ms
RF Att 30 dB
Unit dBm
-16.50 dBm
5.73207415 GHz
0.67 dB
25.61122244 MHz
1MA
1VIEW
D2 -16.68 dBm
D1 9.32 dBm
Center 5.745 GHz
6 MHz/
Span 60 MHz

CHANNEL 12

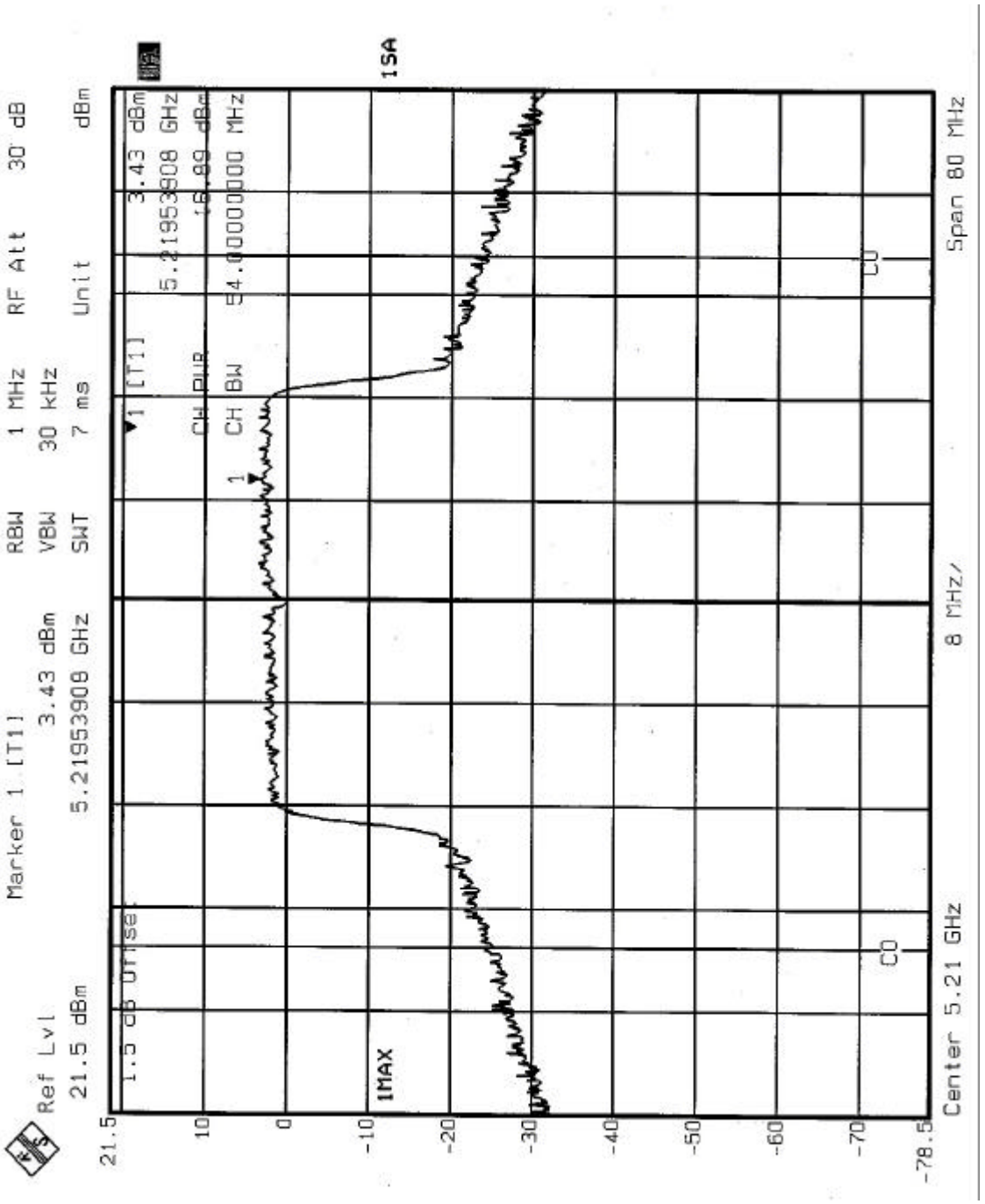

Delta 1 [T1]
-0.40 dB
26.93386774 MHz
Ref Lvl
21.5 dBm
1.5 dB Offset
RBW 1 MHz
VBW 30 kHz
SWT 5 ms
RF Att 30 dB
Unit dBm
1MA
1VIEW
D2 -16.3 dBm
-15.46 dBm
5.790631126 GHz
0.40 dB
26.93386774 MHz
Center 5.805 GHz
6 MHz/
Span 60 MHz
F1
F2

EUT	WLAN Dual Band Access Point	**MODEL**	WAP-50
MODE	Turbo	**INPUT POWER (SYSTEM)**	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	20eg. C, 60RH, 976 hPa	**TESTED BY**	Hank Chung

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	26dBc Occupied Bandwidth (MHz)	PASS/FAIL
1	5210	16.89	17.00	49.85	PASS
2	5250	16.95	24.00	51.14	PASS
3	5290	18.66	24.00	52.58	PASS
4	5760	18.37	30.00	48.89	PASS
5	5800	17.97	30.00	50.02	PASS

NOTE: The 26dBc Occupied Bandwidth plot, please refer to the following pages.

CHANNEL 1


Marker 1 [T1]
3.43 dBm
5.2195390 8 GHz
Ref Lvl
21.5 dBm
1.5 dB Offset
RBW 1 MHz
VBW 30 kHz
SWT 7 ms
RF Att 30 dB
Unit dBm
1 [T1]
3.43 dBm
5.2195390 8 GHz
CW PWR 16.89 dBm
1 CH BW 4.0000000 0 MHz
1SA
1MAX
Center 5.21 GHz
8 MHz/
Span 80 MHz