

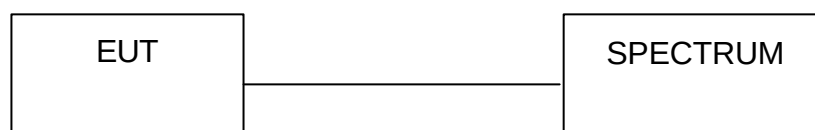
5.3.3 TEST PROCEDURE

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.

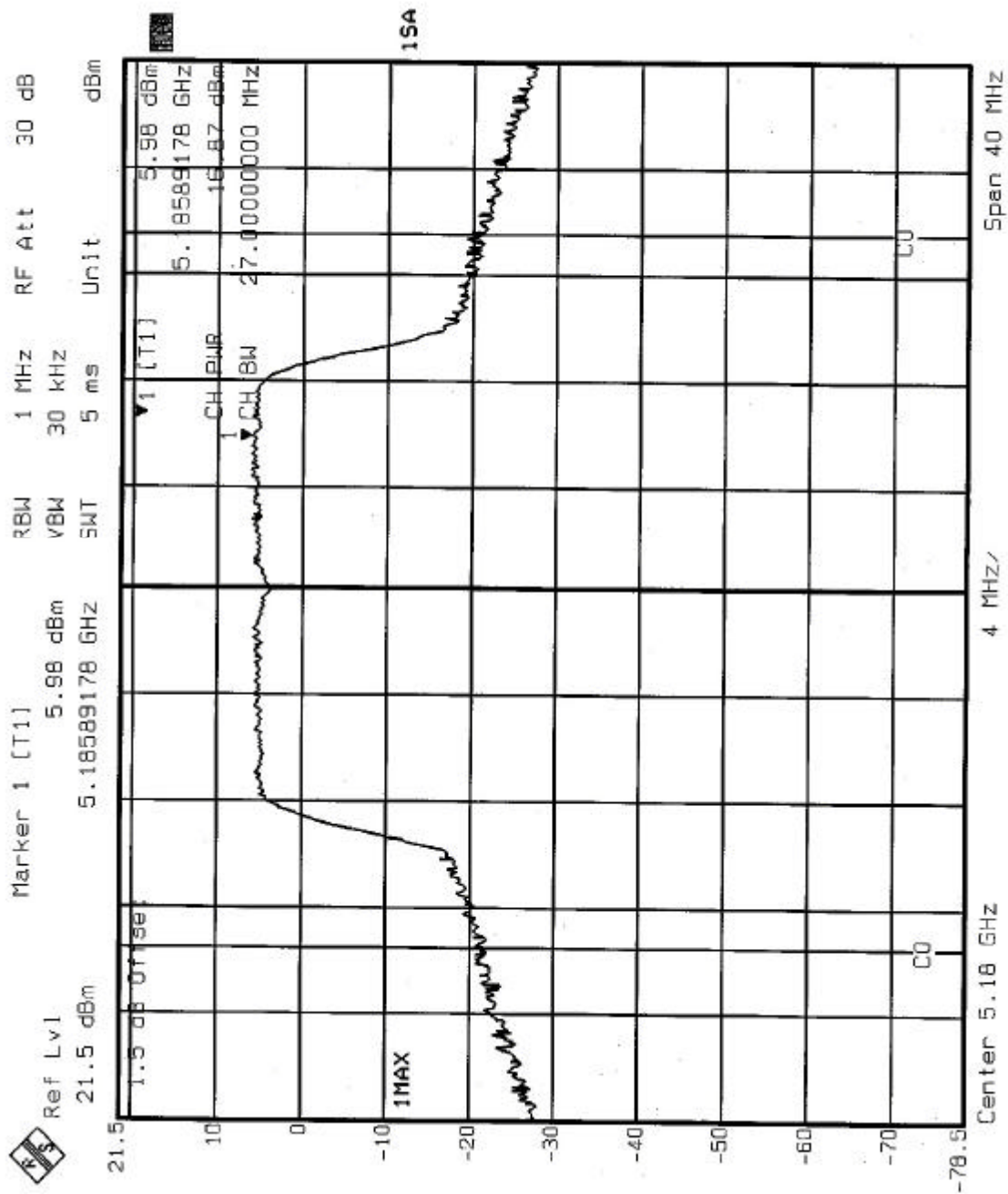
5.3.7 TEST RESULTS

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

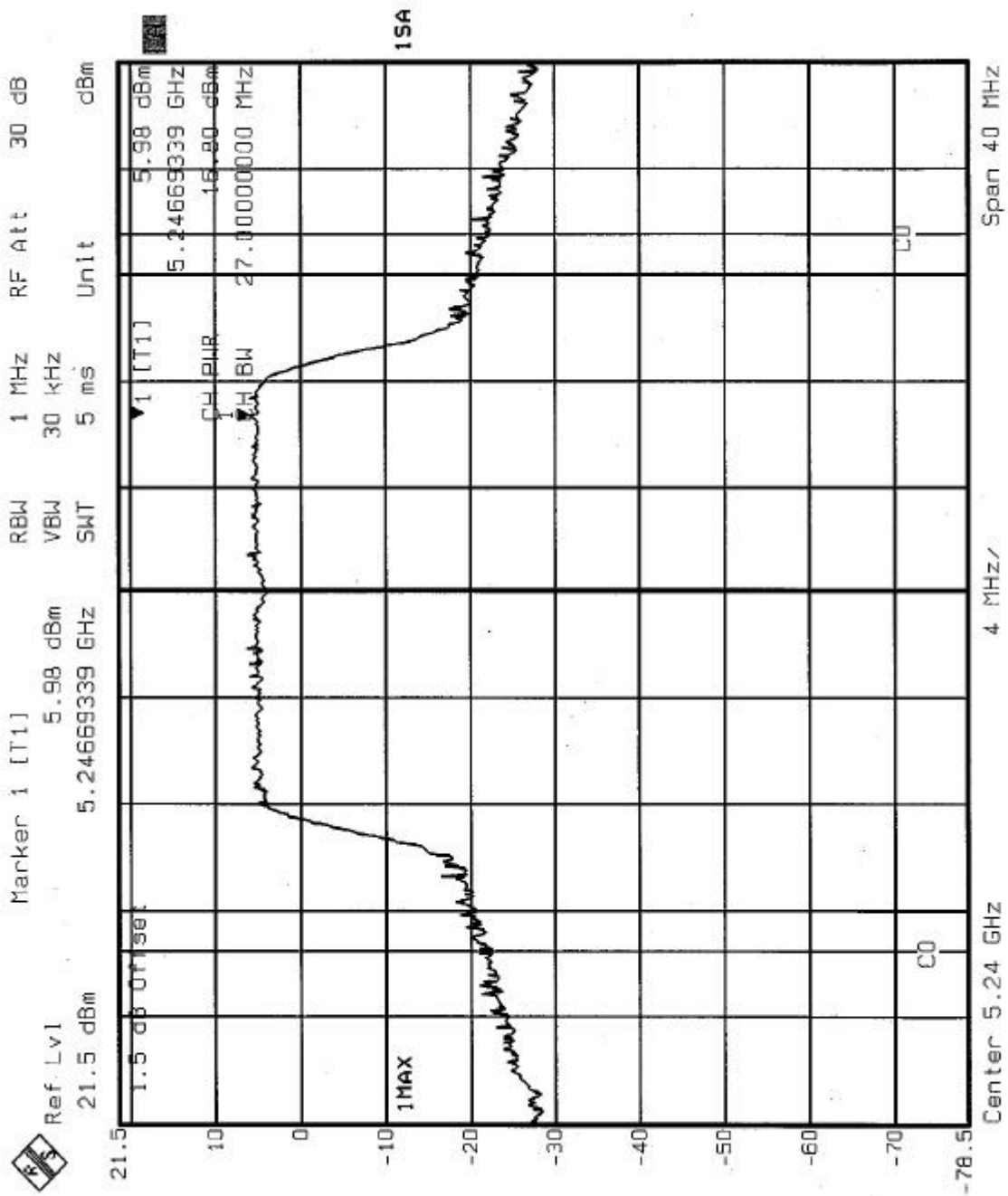
CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	26dBc Occupied Bandwidth (MHz)	PASS/FAIL
1	5180	16.87	17.00	25.25	PASS
4	5240	16.80	17.00	25.01	PASS
5	5260	20.04	24.00	28.85	PASS
8	5320	18.94	24.00	24.88	PASS
9	5745	18.75	30.00	25.61	PASS
12	5805	18.96	30.00	26.93	PASS

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

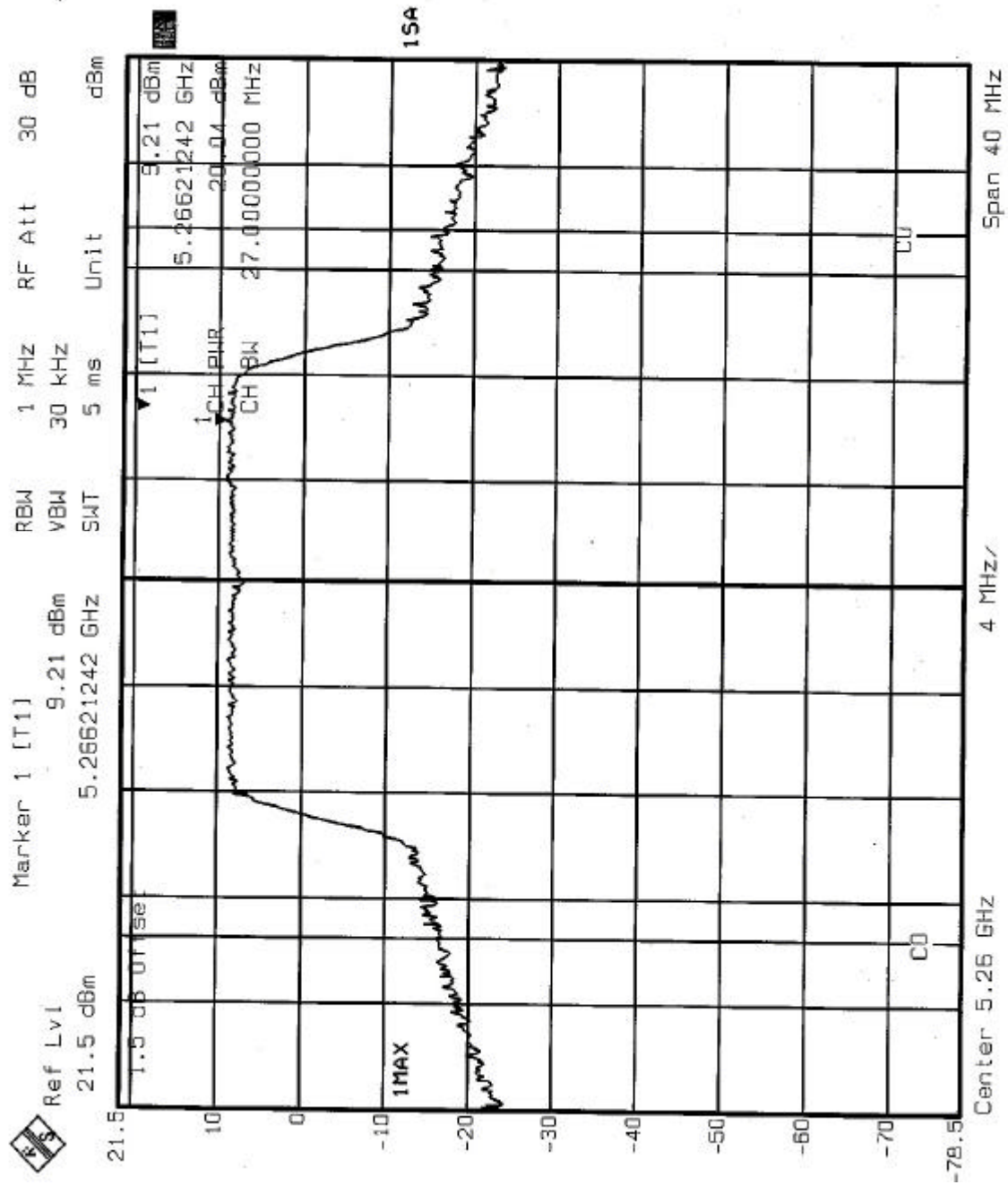
CHANNEL 1



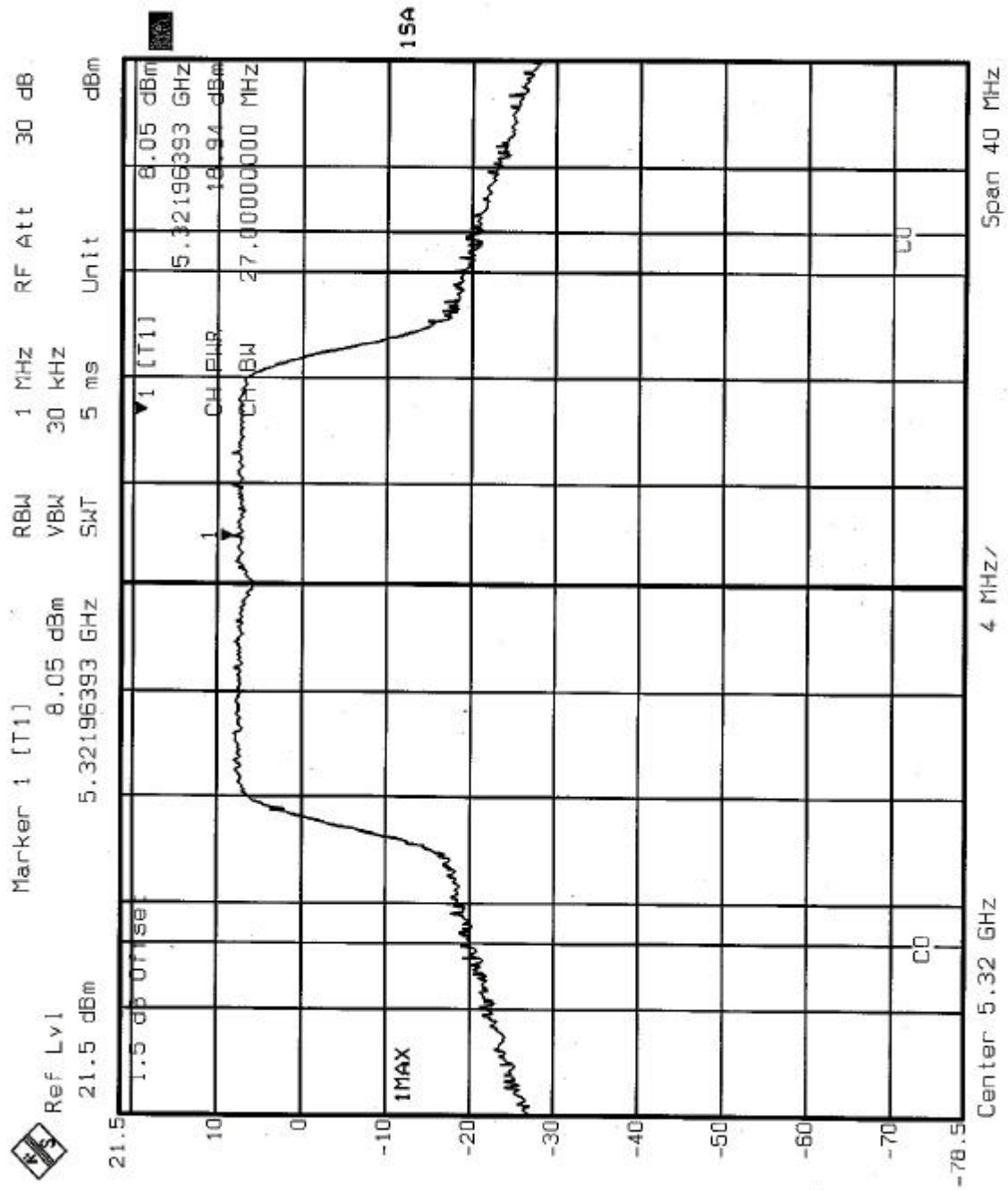
CHANNEL 4



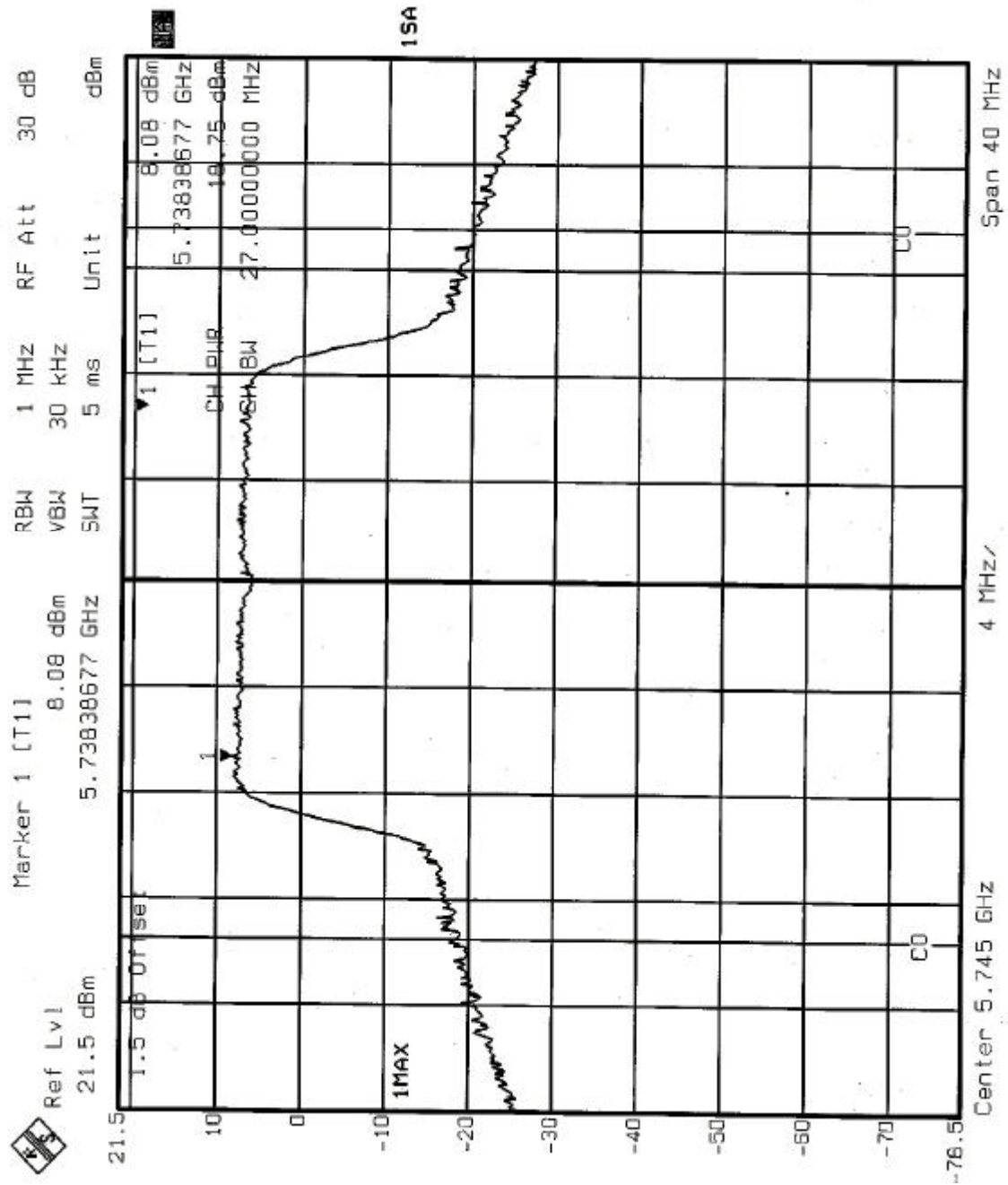
CHANNEL 5



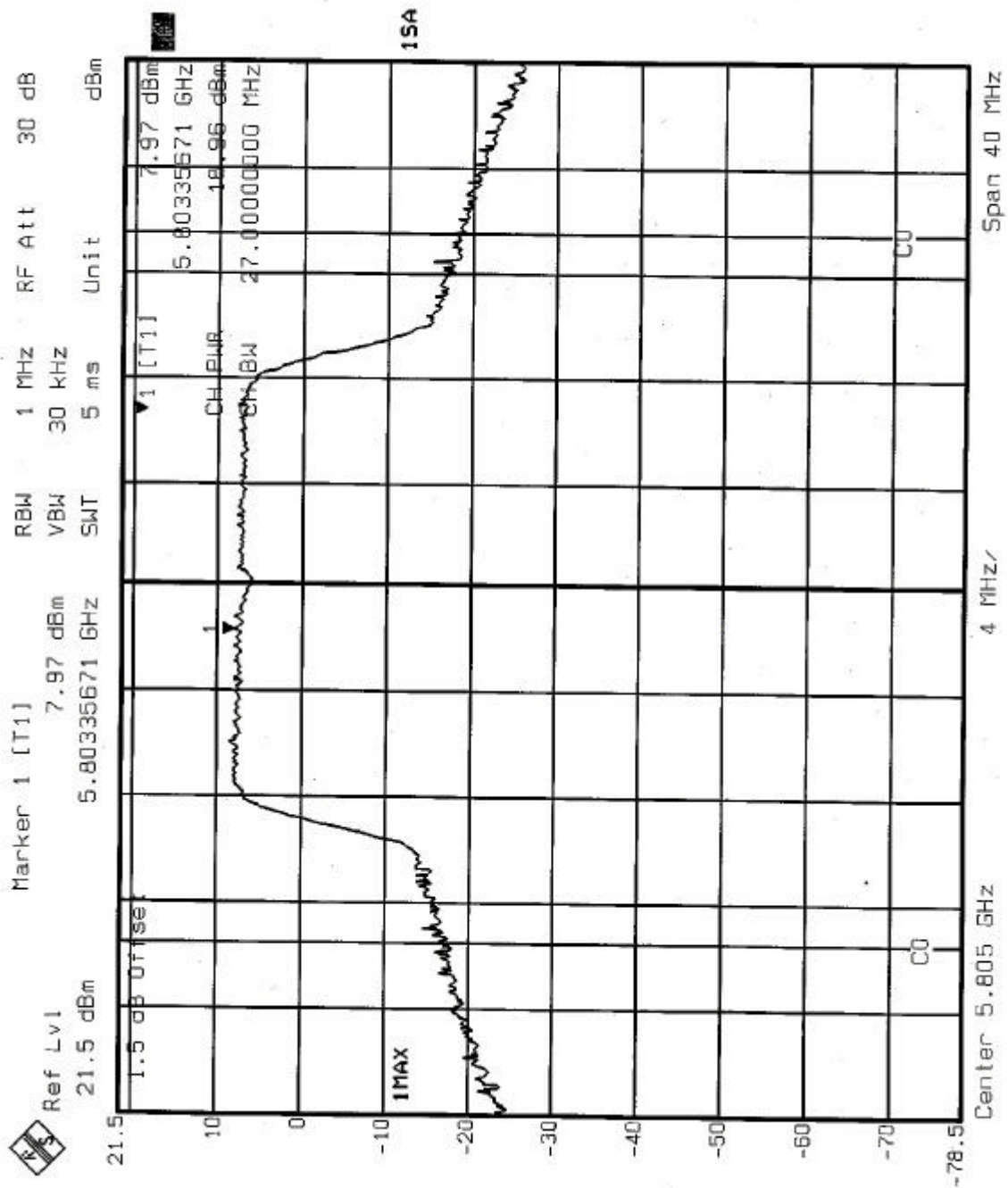
CHANNEL 8



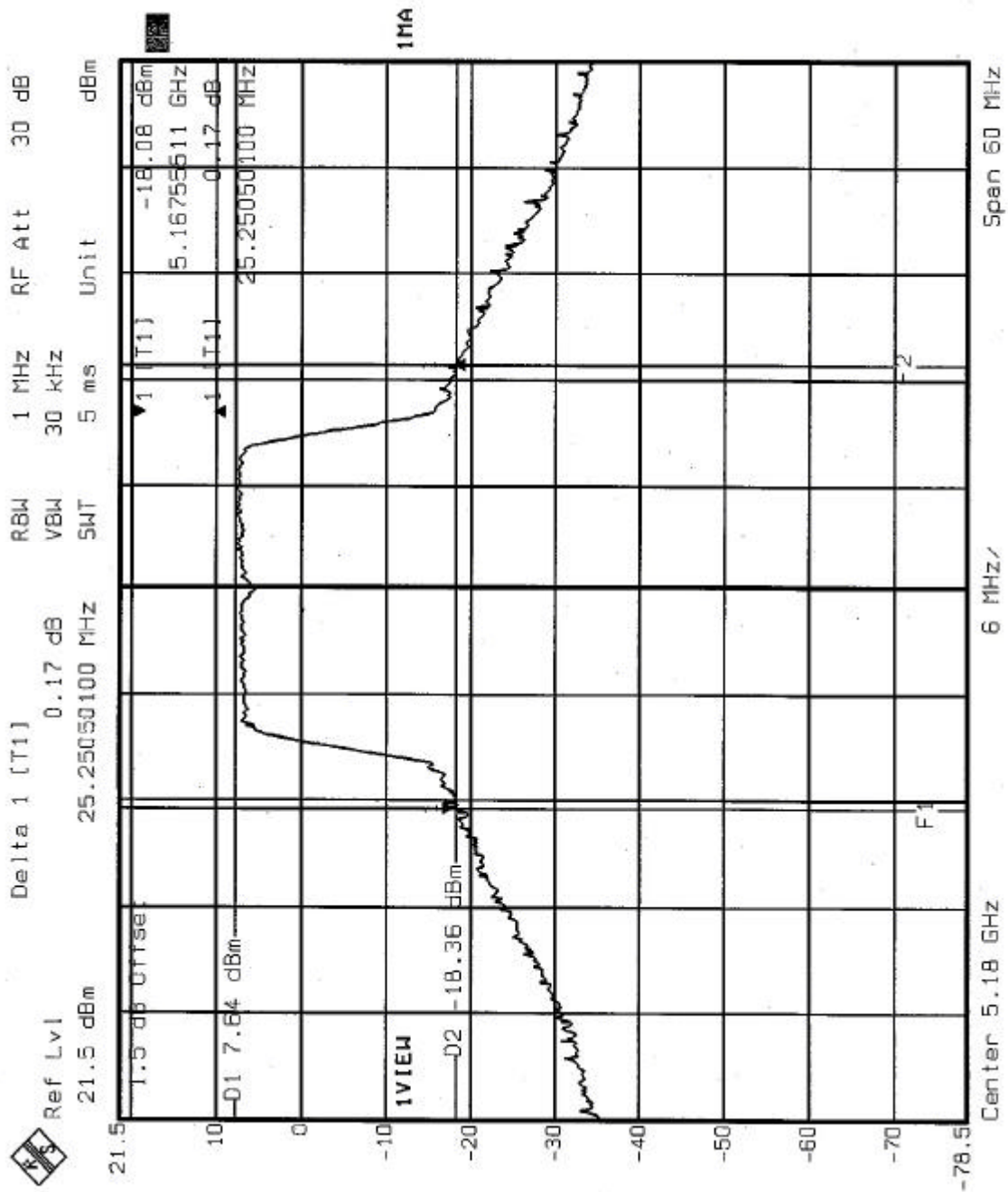
CHANNEL 9



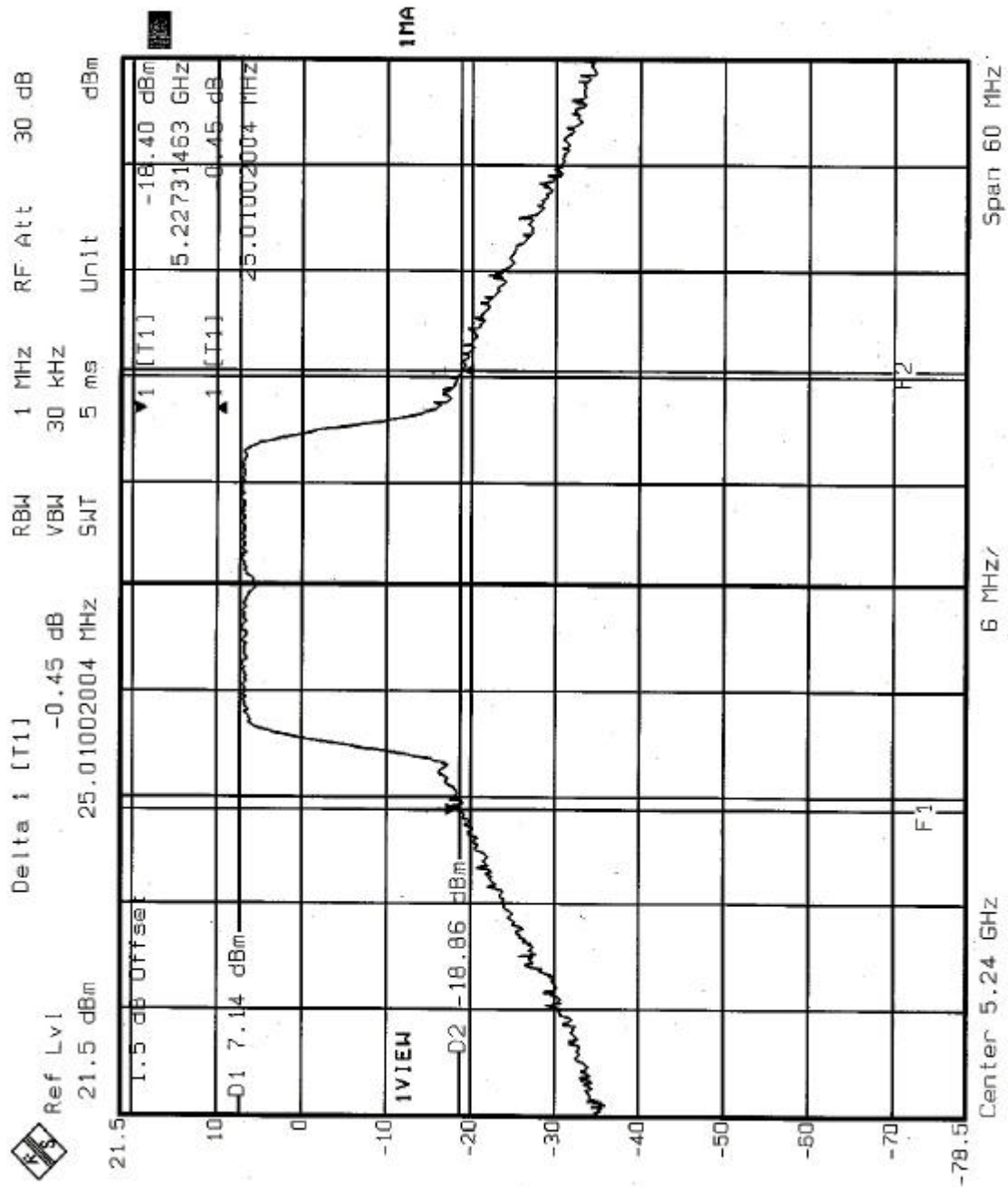
CHANNEL 12



CHANNEL 1

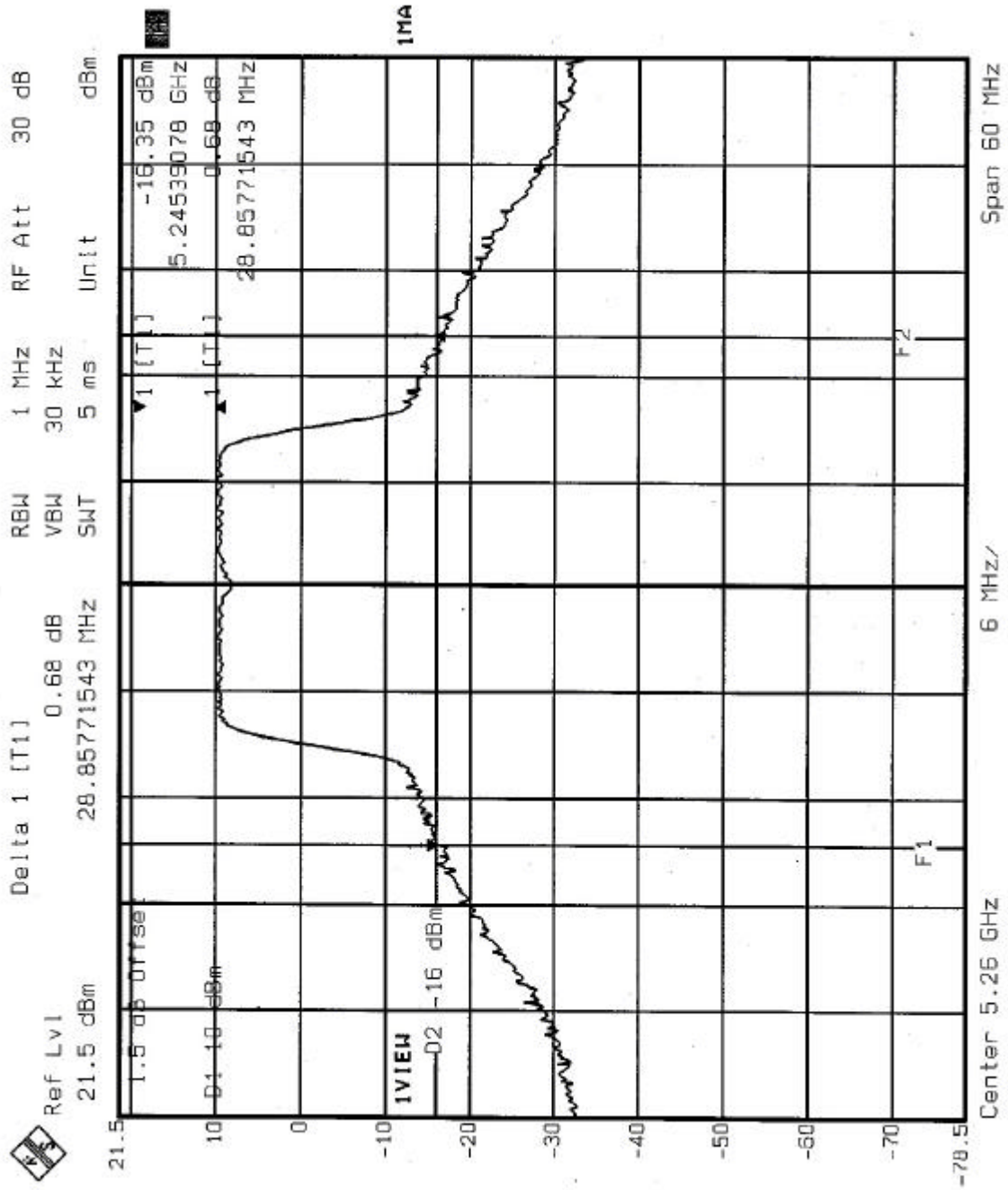


CHANNEL 4



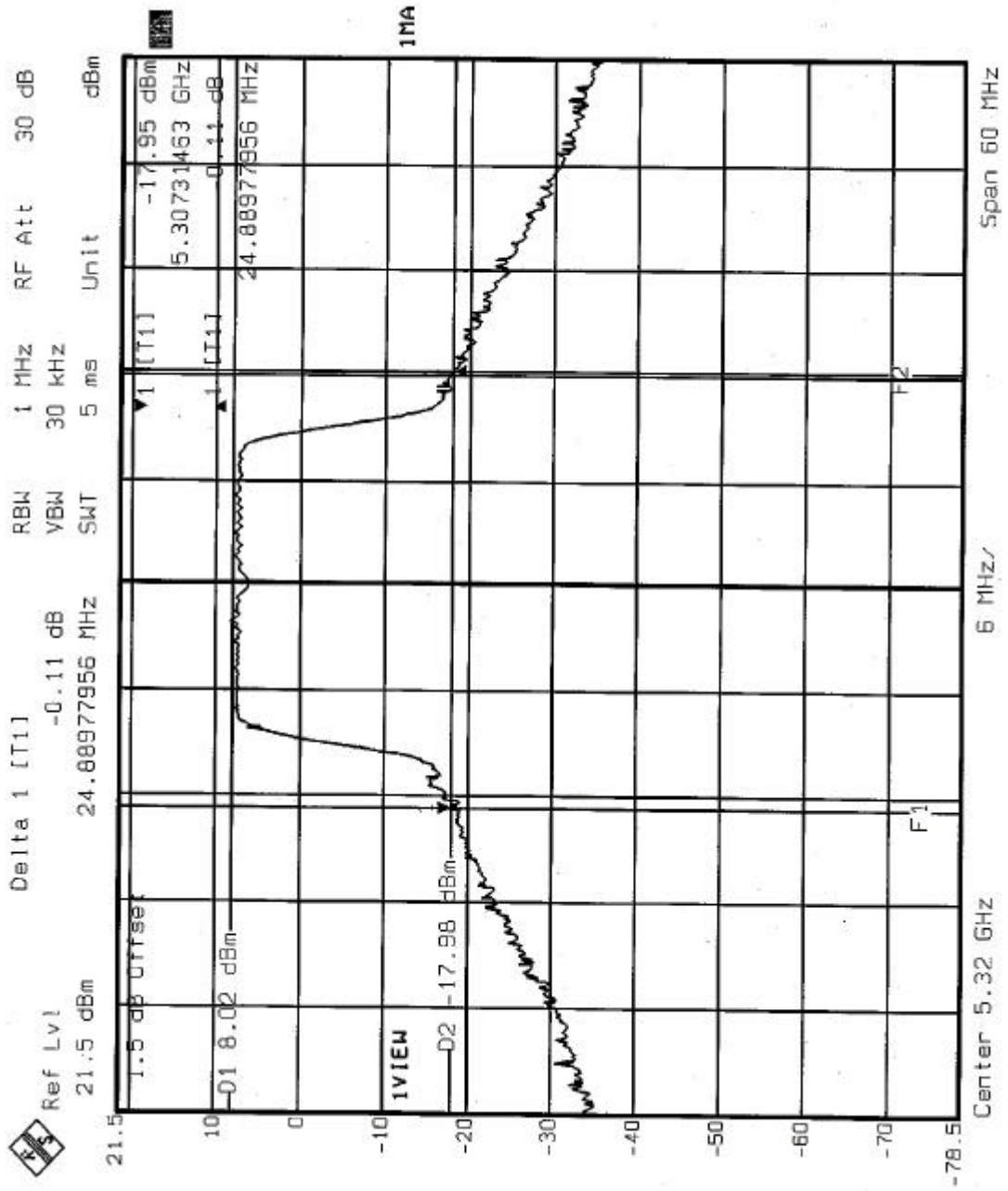


CHANNEL 5

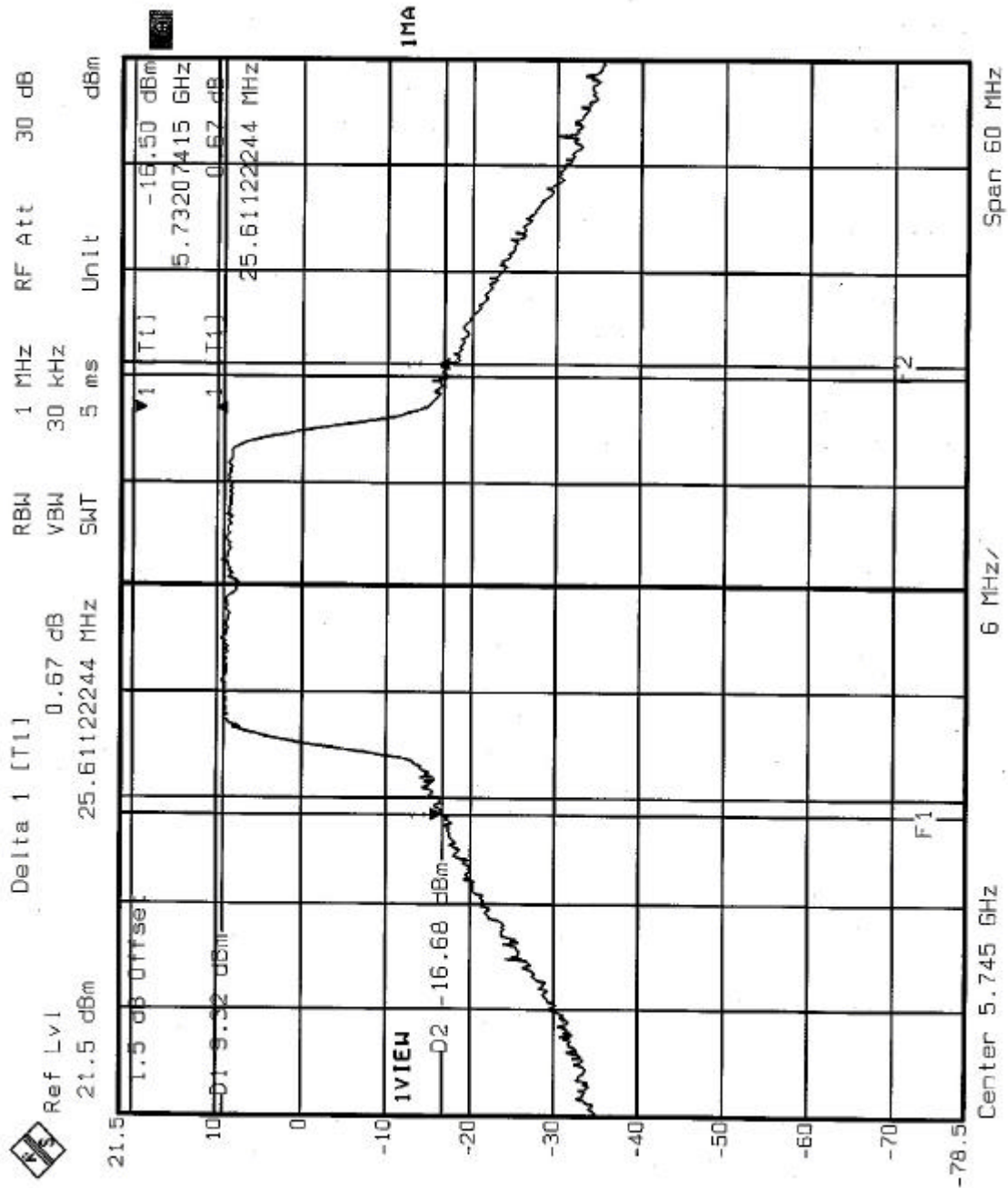




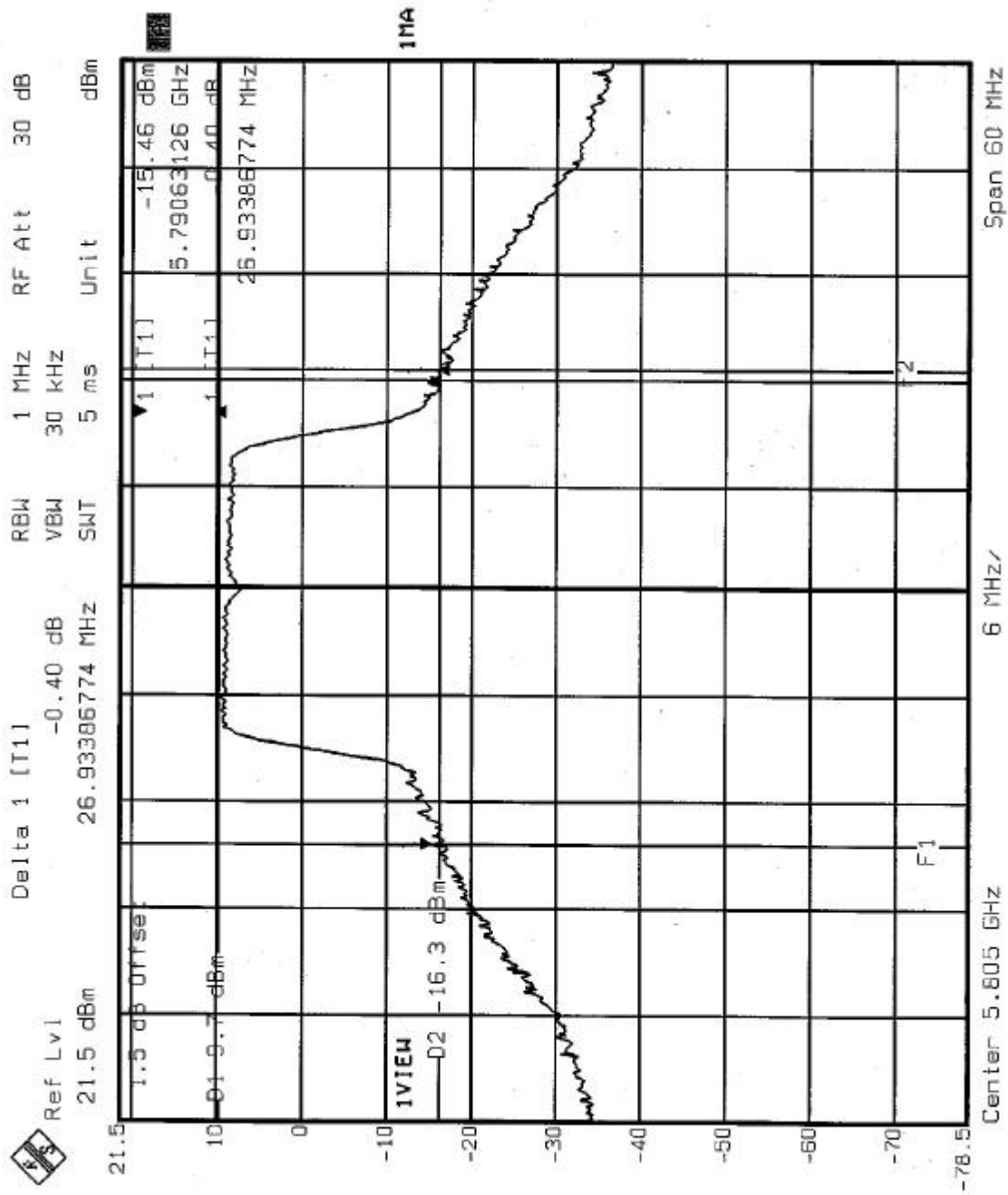
CHANNEL 8



CHANNEL9



CHANNEL 12





EUT	WLAN Dual Band Access Point	MODEL	WAP-50
MODE	Turbo	INPUT POWER (SYSTEM)	120Vac, 60 Hz
ENVIRONMENTAL CONDITIONS	20deg. 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.

The spectrum analyzer displays two traces:

- Trace 1 (IMAX):** A noisy signal centered around 5.21 GHz with a peak level of approximately -10 dBm.
- Trace 2 (CO):** A noisy signal centered around 8 MHz with a peak level of approximately -70 dBm.

The following parameters are visible on the screen:

Parameter	Value
Marker 1 [T1]	5.21953908 GHz
Ref Lvl	21.5 dBm
RBW	3.43 dBm
VBW	30 kHz
SMT	7 ms
Unit	dBm
Span	80 MHz
Center	5.21 GHz