



Cable ID: A9F605-31 UTP C6-3

Test Summary: PASS

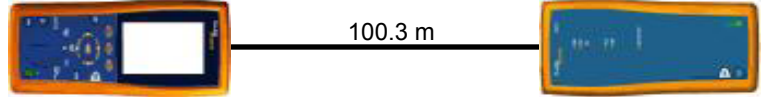
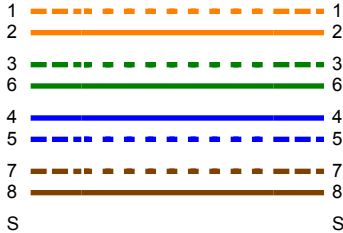
Date / Time: 06/16/2009 10:32:41am
 Headroom: 7.3 dB (NEXT 12-45)
 Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 UTP

Operator: QA
 Software Version: 2.1200
 Limits Version: 1.3600
 NVP: 69.0%

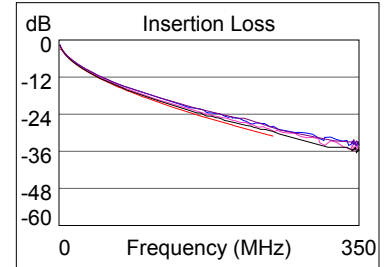
Model: DTX-1800
 Main S/N: 9108015
 Remote S/N: 9108016
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

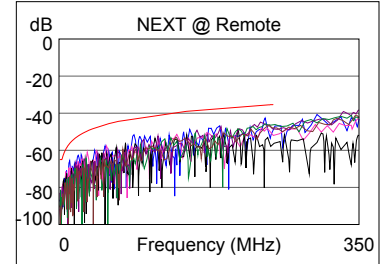
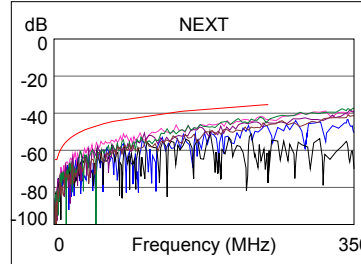
PASS



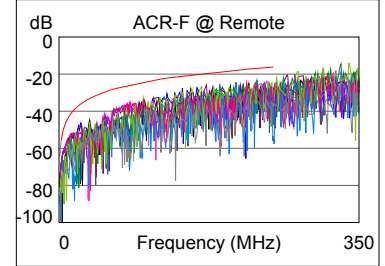
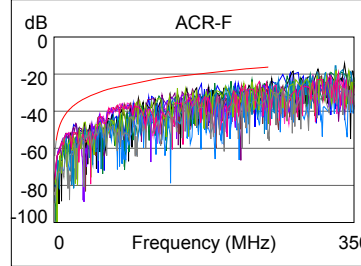
Length (m), Limit 90.0	[Pair 78]	100.3
Prop. Delay (ns), Limit 498		434
Delay Skew (ns), Limit 44		18
Resistance (ohms)	[Pair 45]	14.2
Insertion Loss Margin (dB)	[Pair 45]	1.4
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1



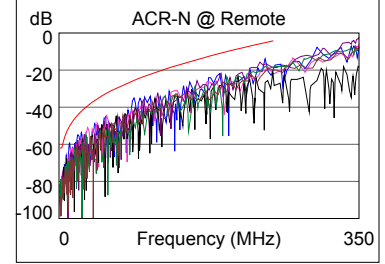
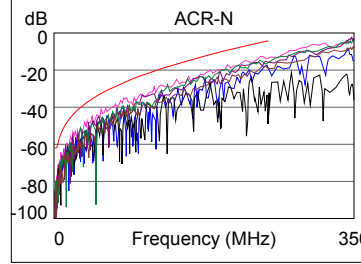
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-45	12-36	12-45	12-36
NEXT (dB)	6.1	6.9	6.1	6.9
Freq. (MHz)	240.5	240.0	240.5	240.0
Limit (dB)	35.6	35.6	35.6	35.6
Worst Pair	45	36	45	36
PS NEXT (dB)	6.3	6.5	6.6	6.5
Freq. (MHz)	223.5	240.0	243.5	240.0
Limit (dB)	33.5	33.0	32.9	33.0



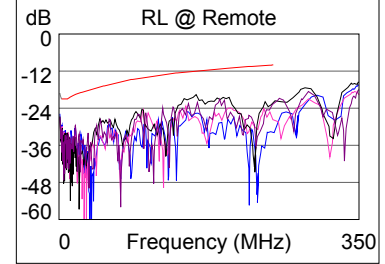
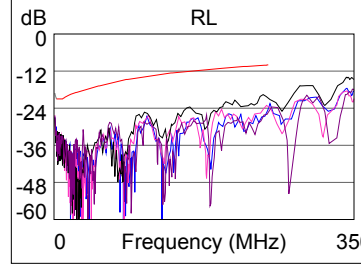
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	45-36	36-45	12-45
ACR-F (dB)	4.7	5.1	6.0	5.9
Freq. (MHz)	188.0	188.5	231.0	245.5
Limit (dB)	18.7	18.7	16.9	16.4
Worst Pair	12	12	36	36
PS ACR-F (dB)	7.2	6.8	7.3	6.8
Freq. (MHz)	163.0	221.0	229.5	240.0
Limit (dB)	16.9	14.3	14.0	13.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-45	12-36	12-45	12-36
ACR-N (dB)	7.3	8.5	7.5	8.5
Freq. (MHz)	240.5	240.0	243.5	240.0
Limit (dB)	5.2	5.3	4.9	5.3
Worst Pair	45	36	45	36
PS ACR-N (dB)	7.3	8.2	7.7	8.2
Freq. (MHz)	224.5	240.0	243.5	240.0
Limit (dB)	4.3	2.6	2.3	2.6



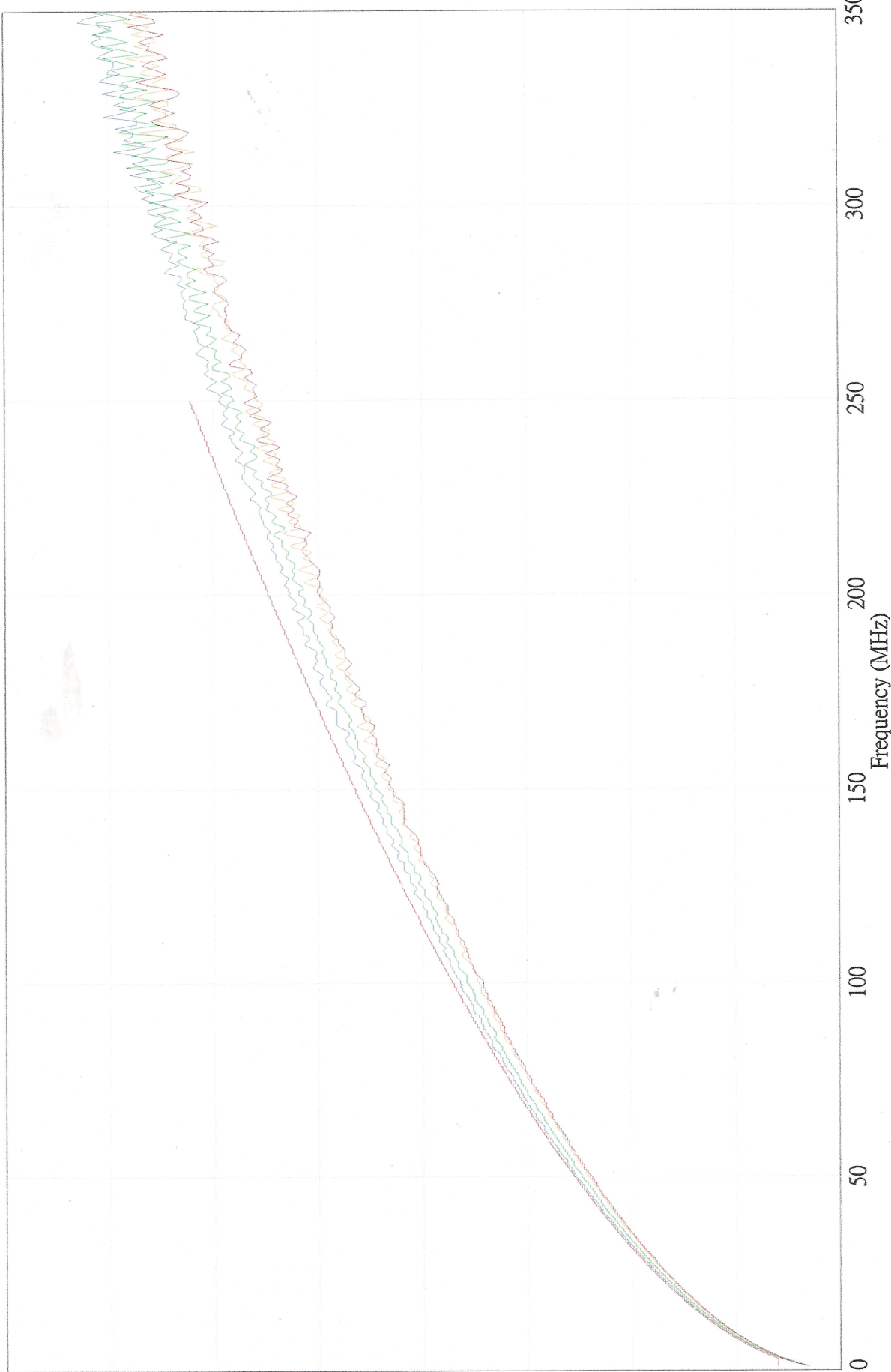
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	45	45	45
RL (dB)	8.9	7.6	9.2	7.6
Freq. (MHz)	5.0	160.0	245.0	160.0
Limit (dB)	21.0	12.0	10.1	12.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive

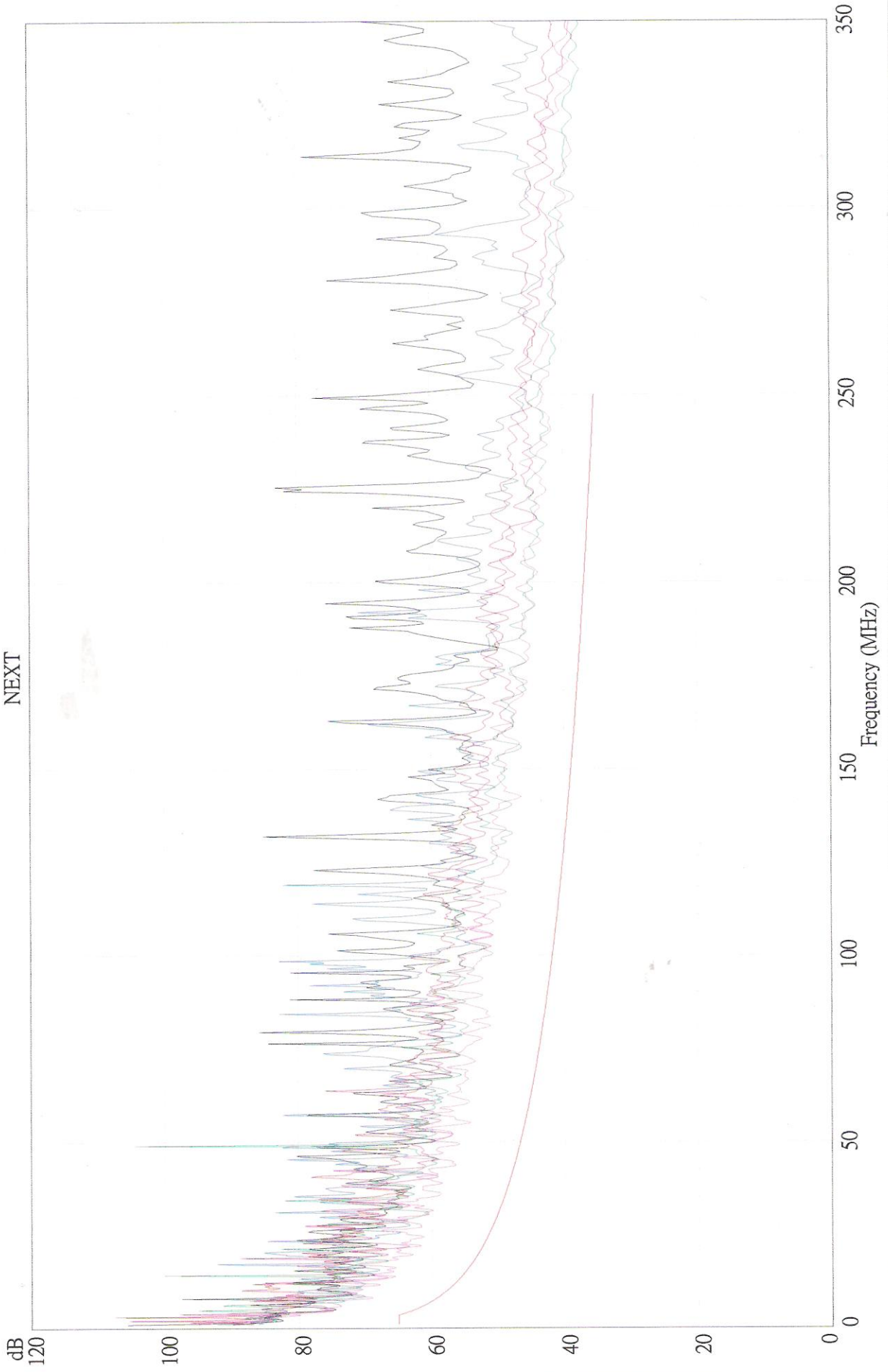
Insertion Loss

dB



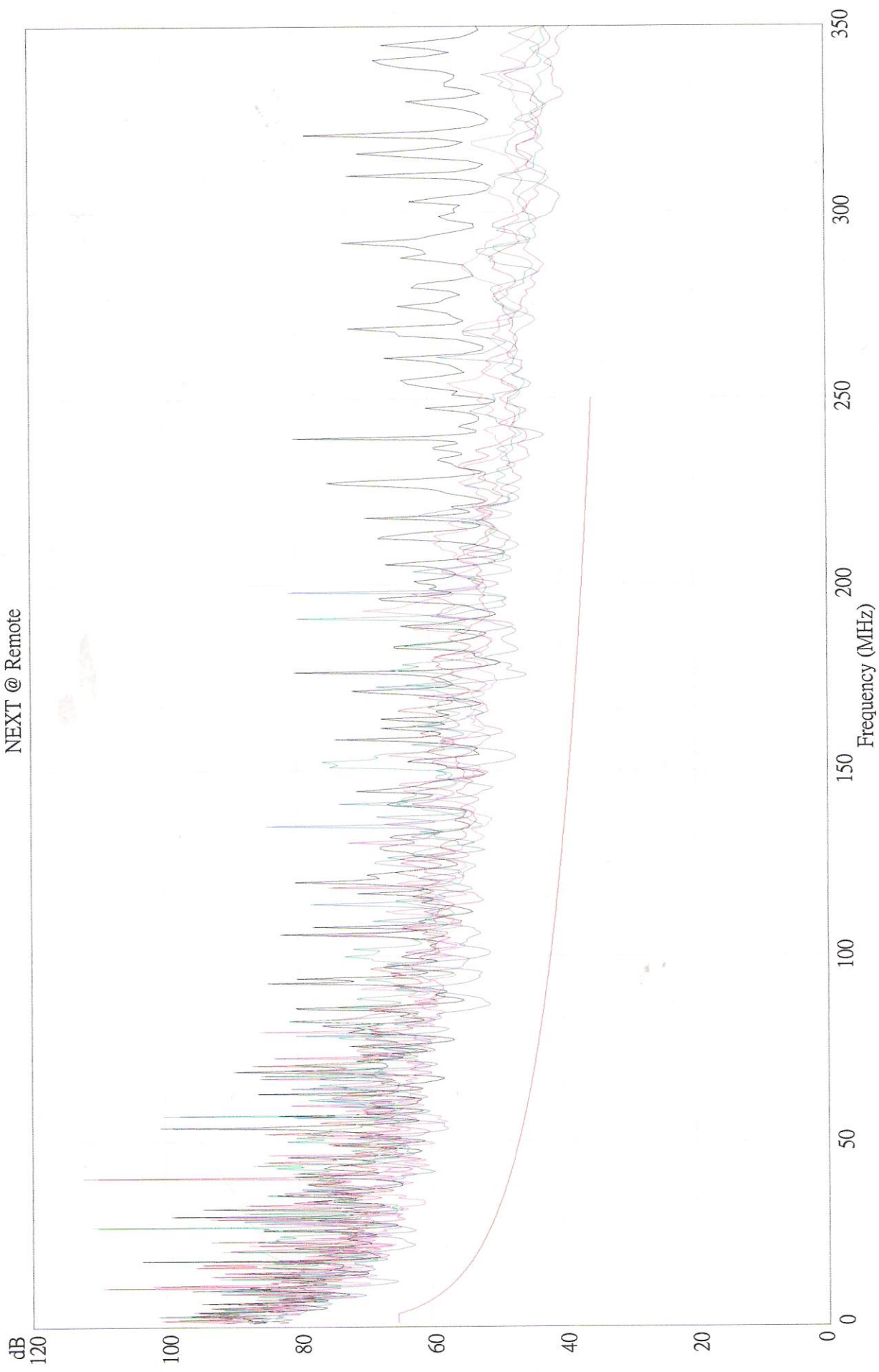
Limit
12
36
45
78

NEXT

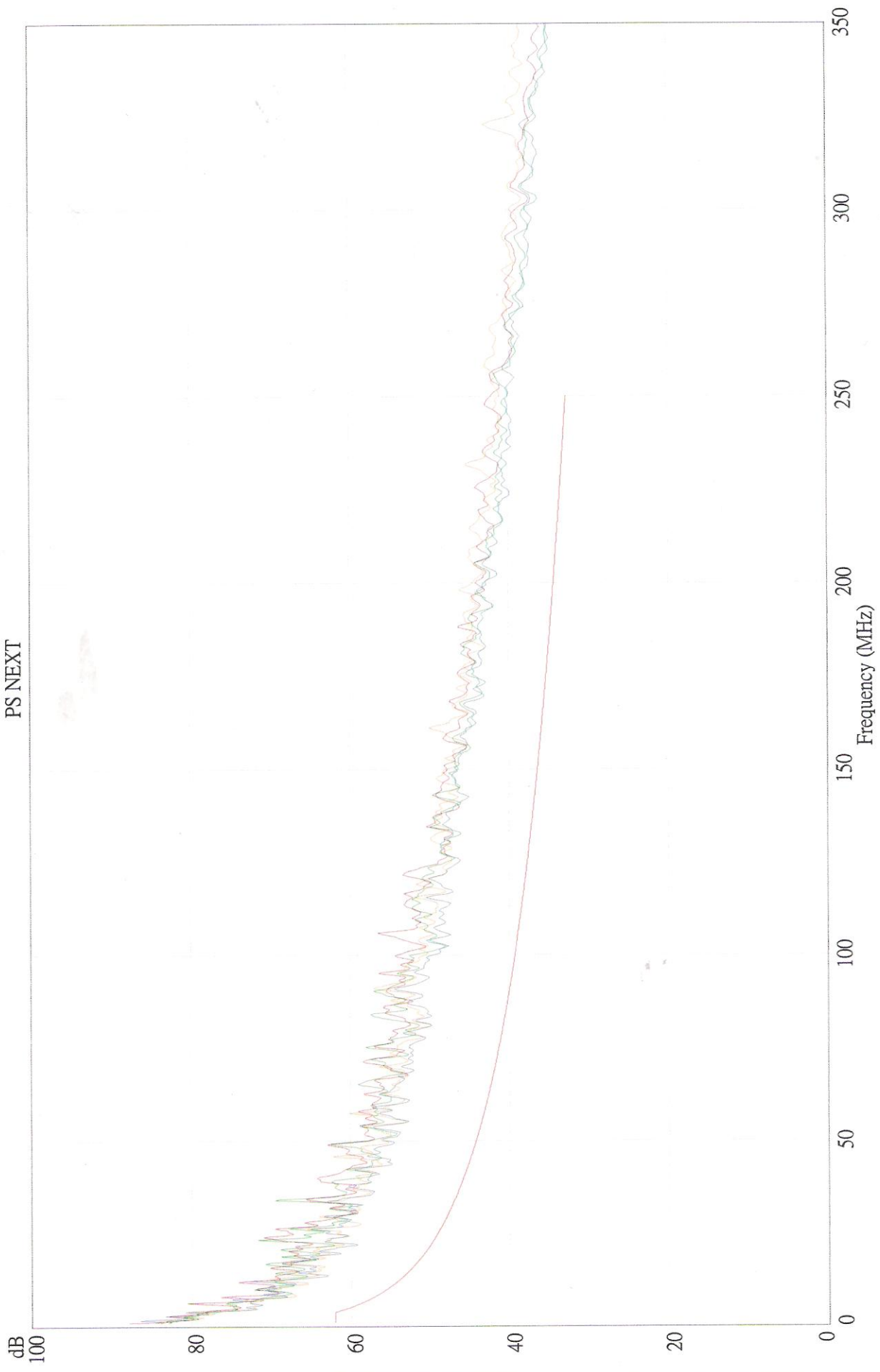


Limit
12-36
12-45
12-78
36-45
36-78
45-78

NEXT @ Remote



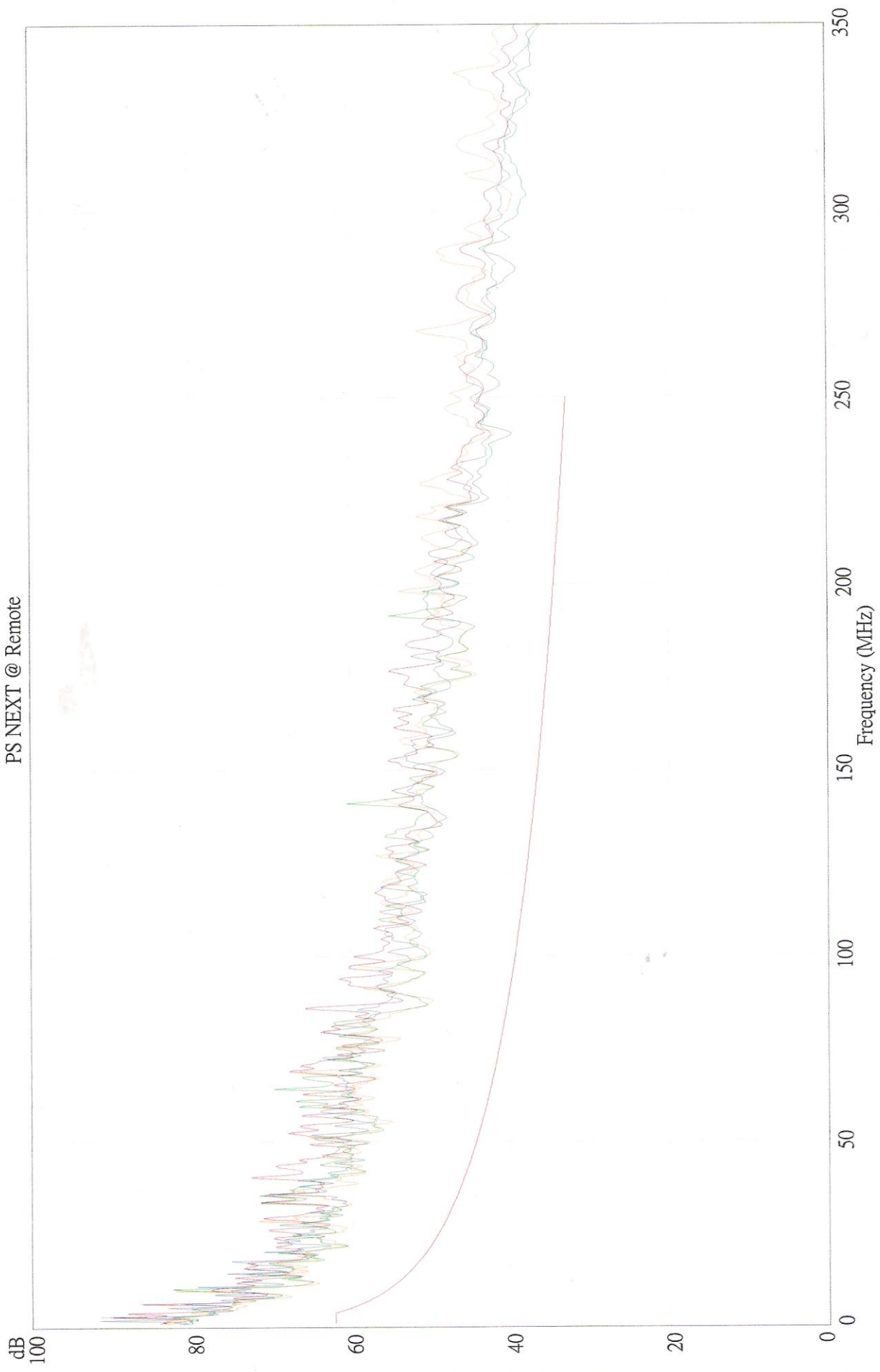
PS NEXT



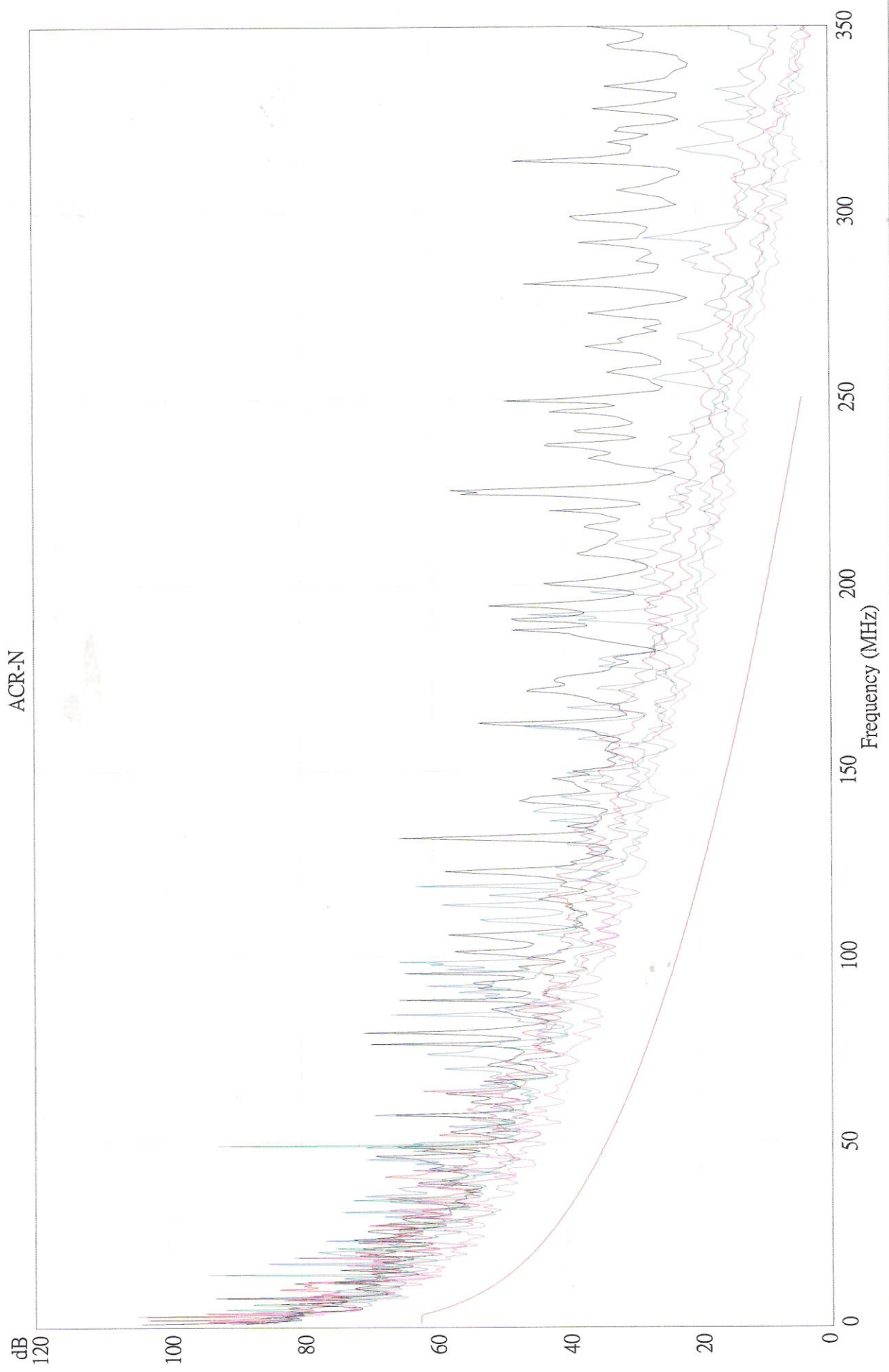
Limit
12
36
45
78

PS NEXT @ Remote

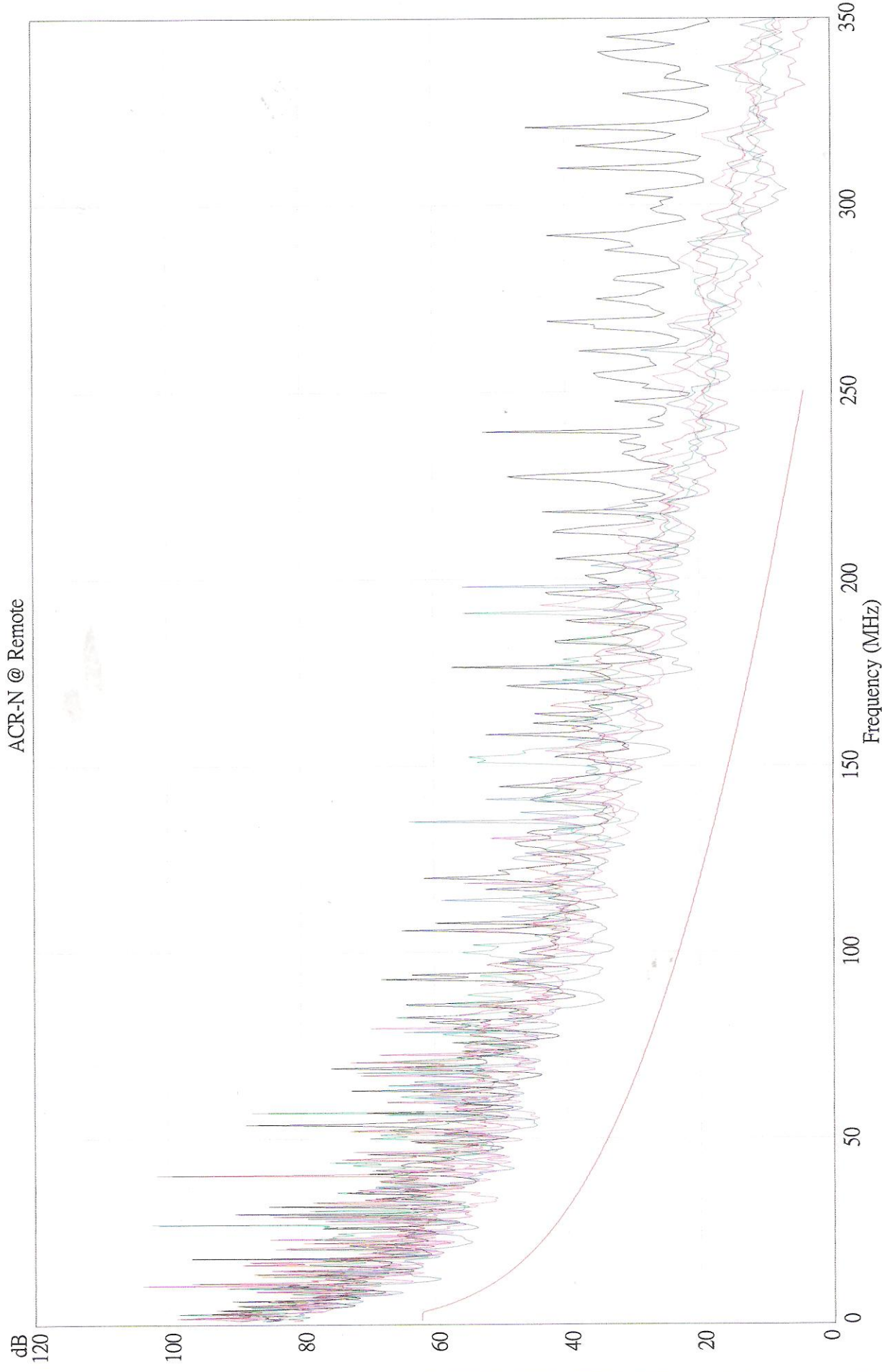
Limit
12
36
45
78



ACR-N



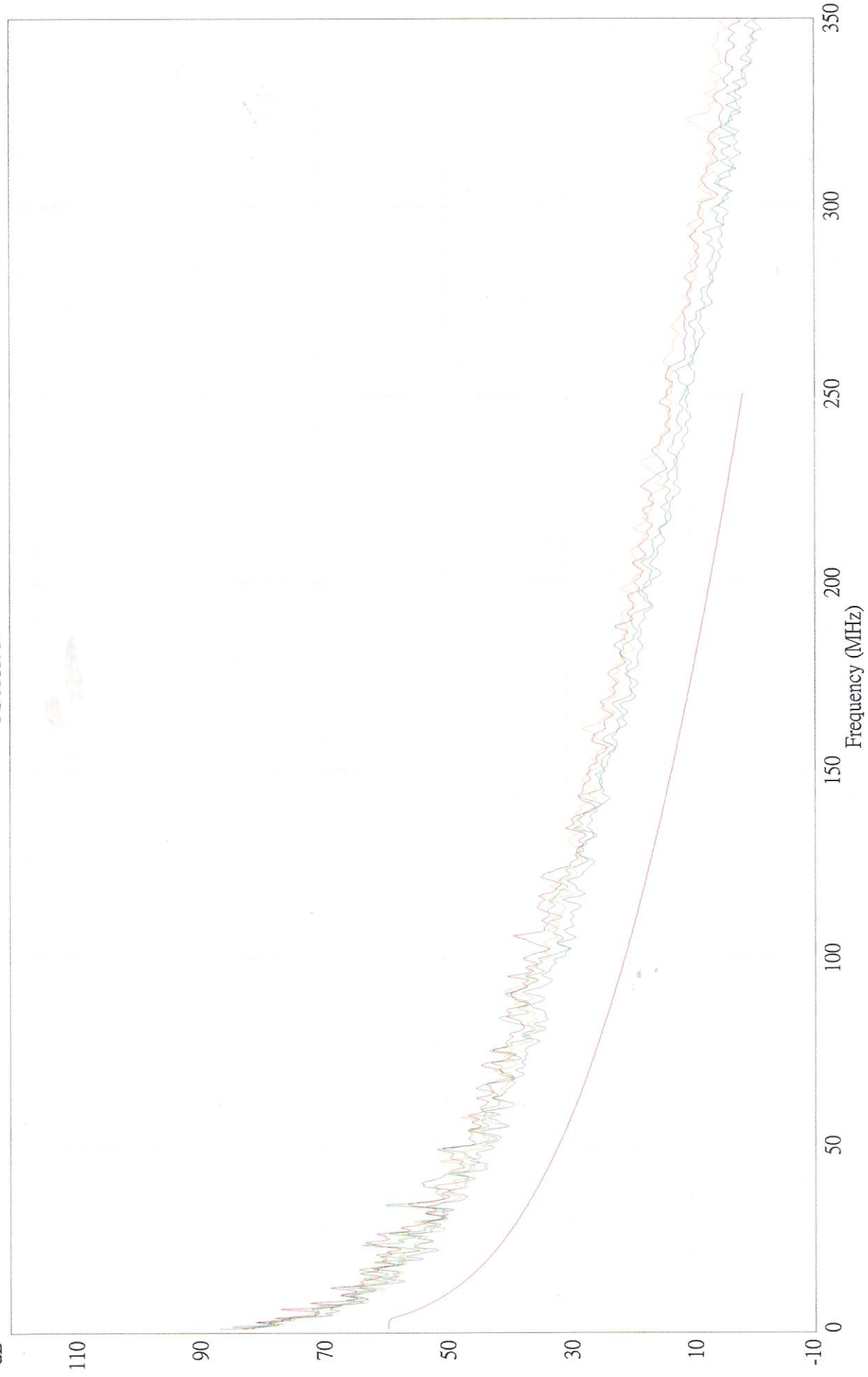
ACR-N @ Remote



Limit
12-36
12-45
12-78
36-45
36-78
45-78

PS ACR-N

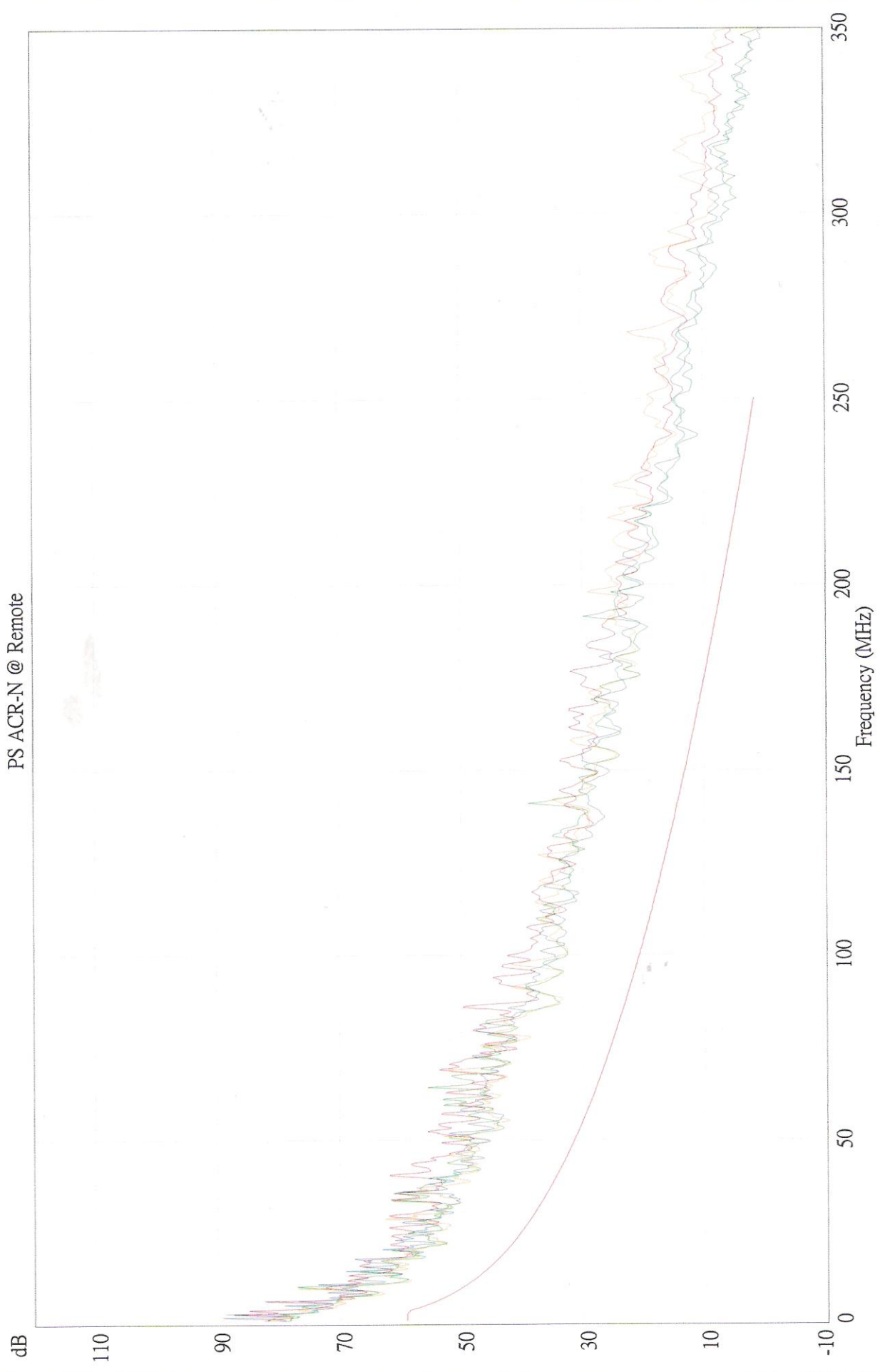
dB



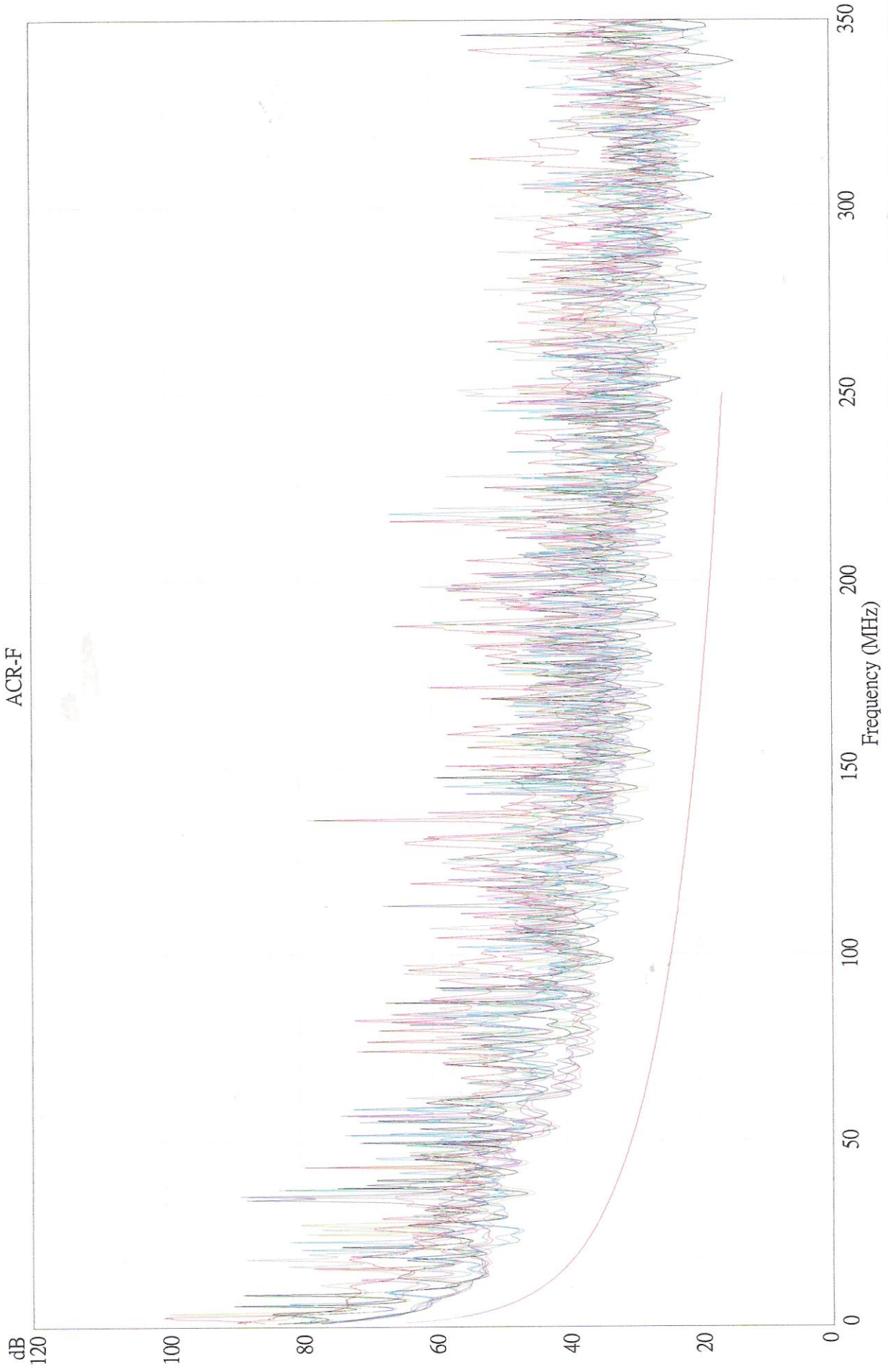
Limit
12
36
45
78

PS ACR-N @ Remote

Limit
12
36
45
78

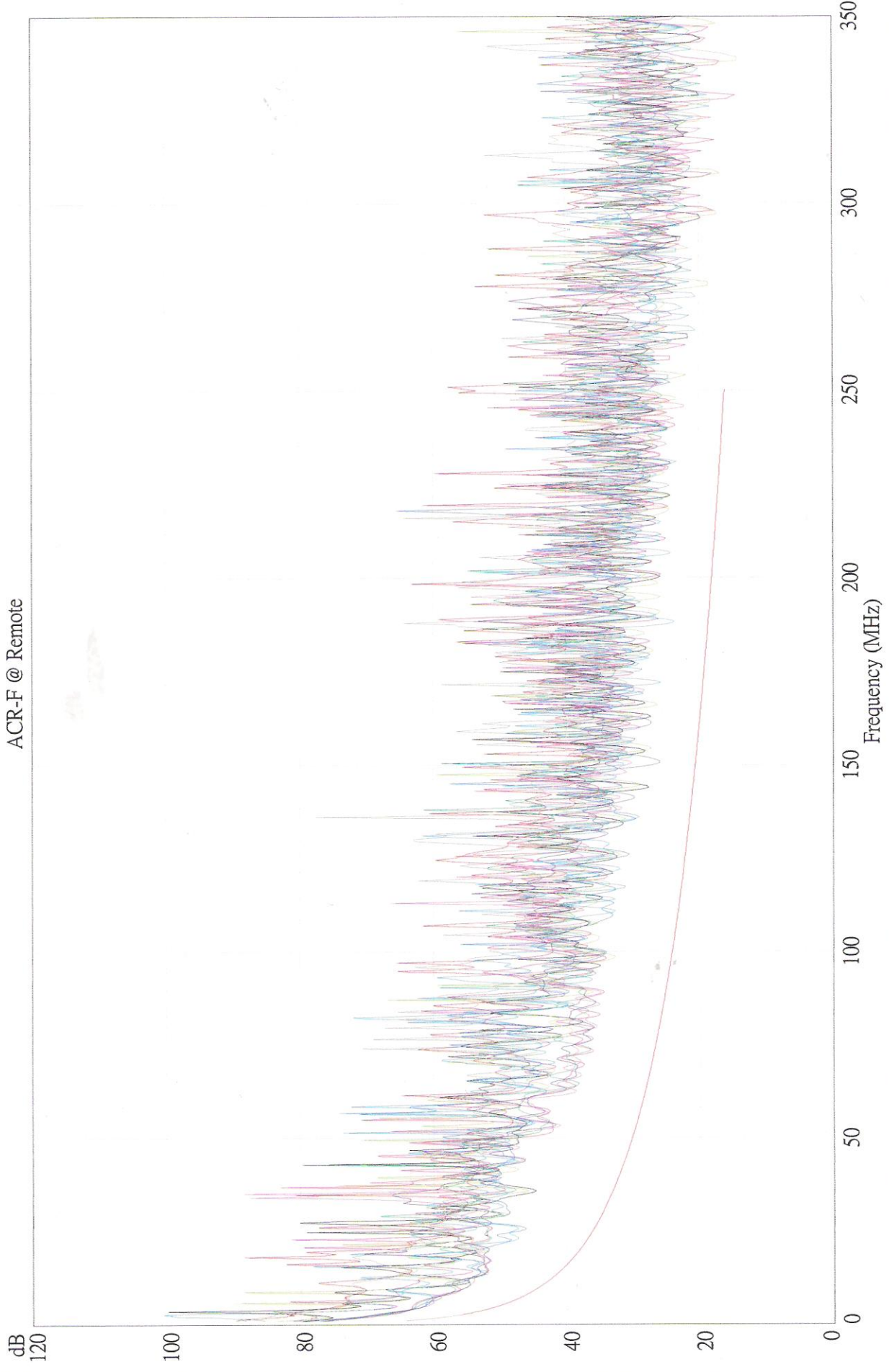


ACR-F



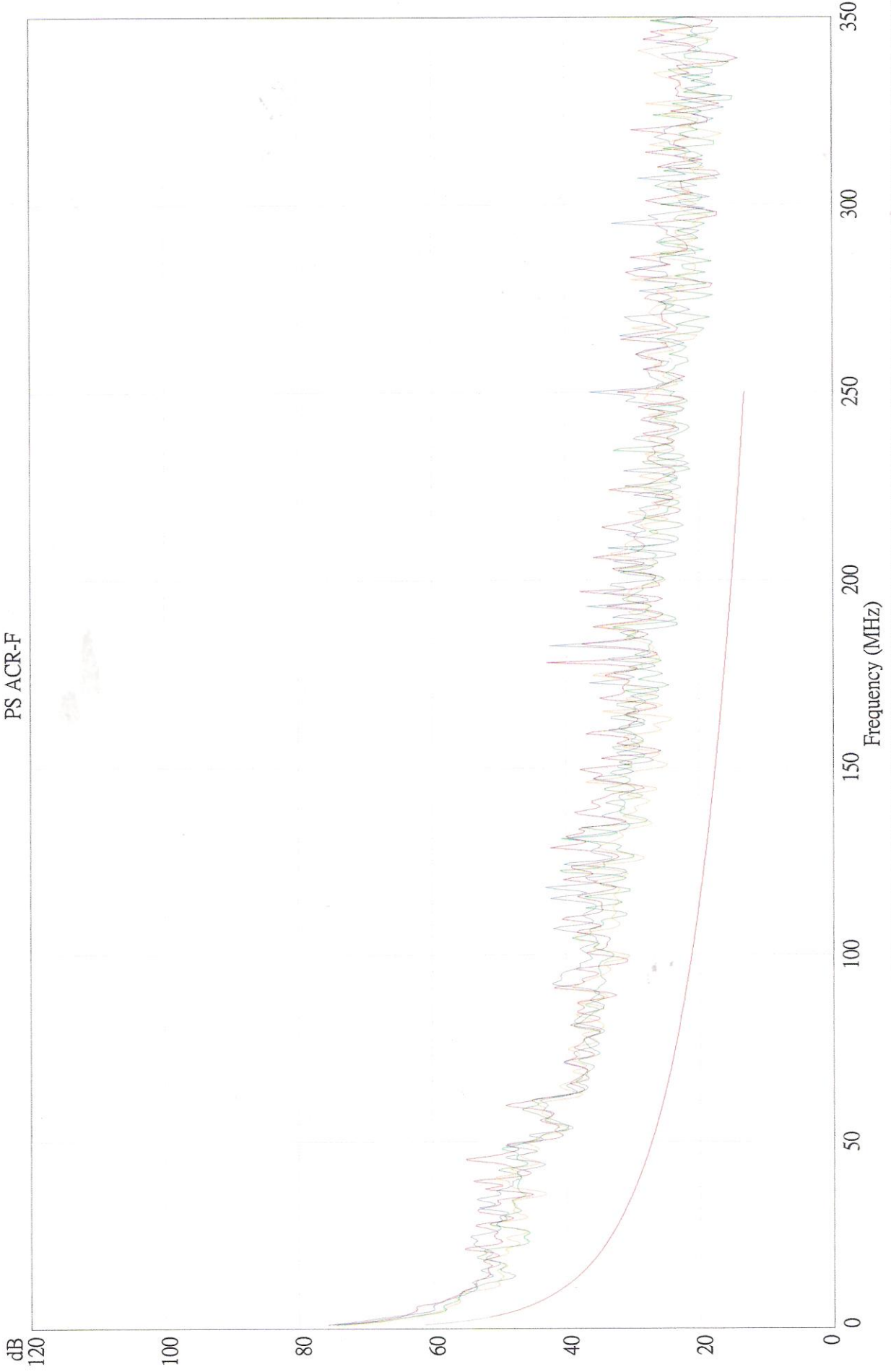
- Limit
- 12-36
- 12-45
- 12-78
- 36-12
- 36-45
- 36-78
- 45-12
- 45-36
- 45-78
- 78-12
- 78-36
- 78-45

ACR-F @ Remote



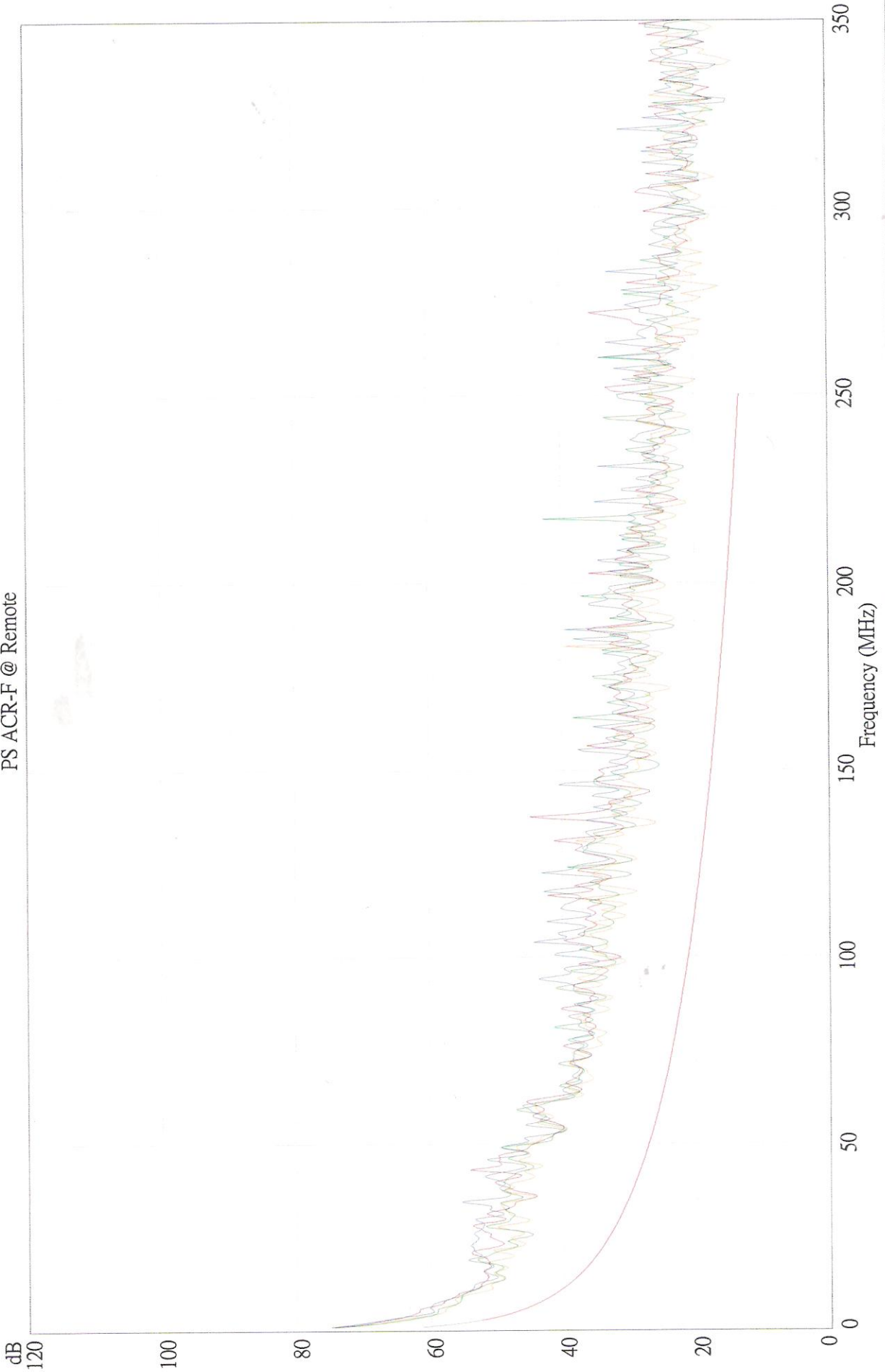
Limit
12-36
12-45
12-78
36-12
36-45
36-78
45-12
45-36
45-78
78-12
78-36
78-45

PS ACR-F



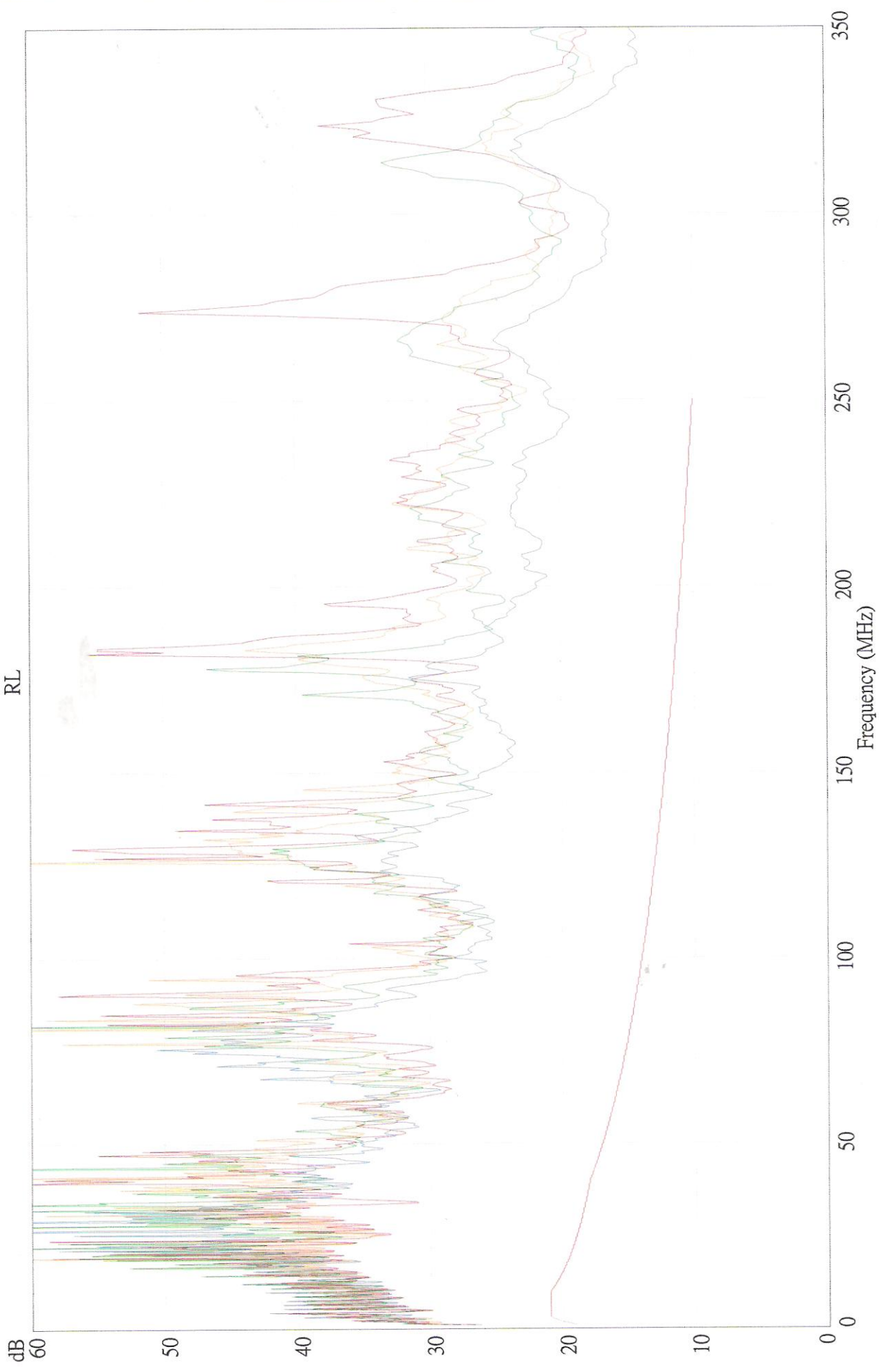
Limit
12
36
45
78

PS ACR-F @ Remote



Limit
12
36
45
78

RL



RL @ Remote

