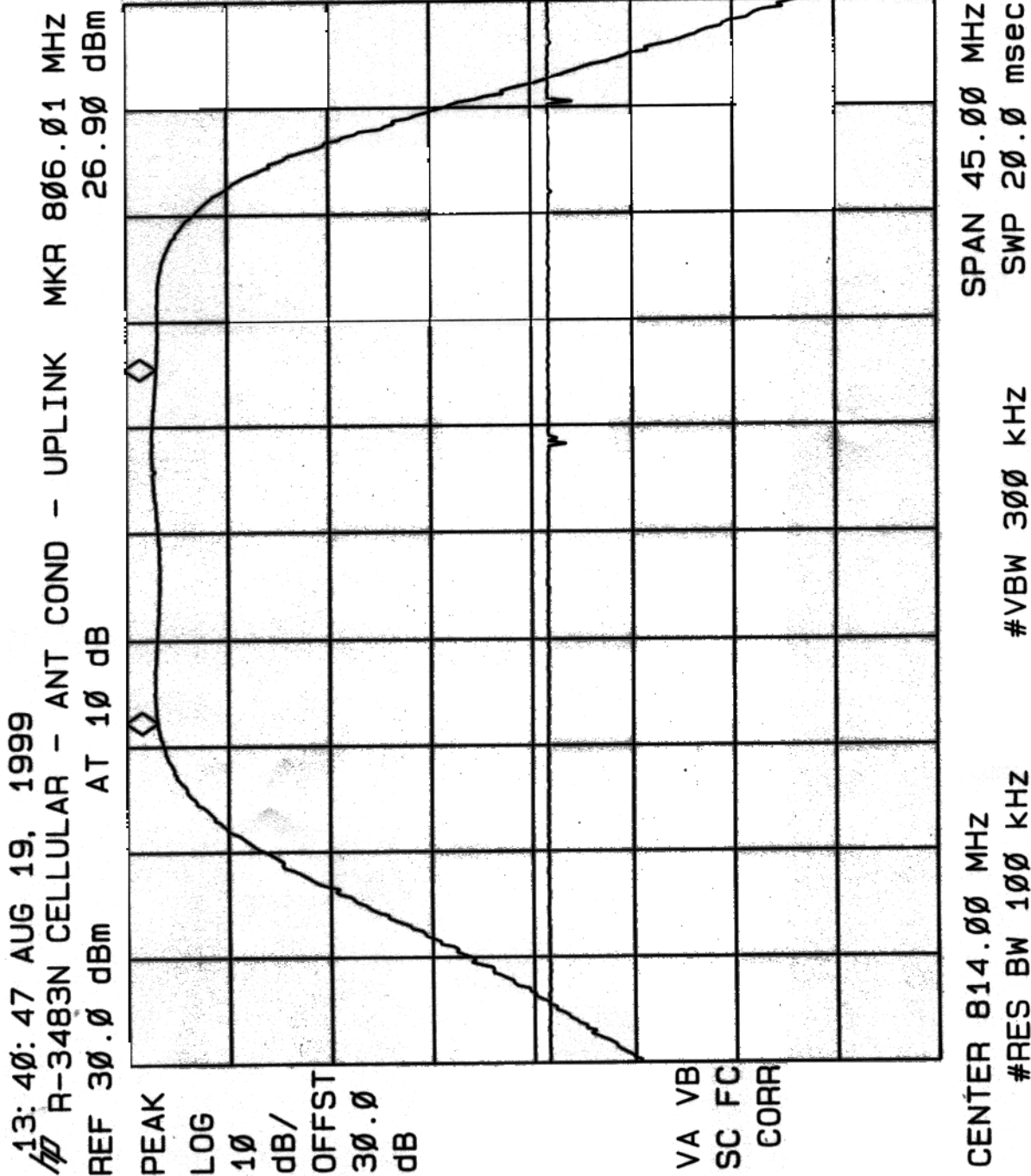


RETLIF TESTING LABORATORIES

Test Method	Antenna Conducted		
Customer	Cellular Specialties	Job No.	R-3483N
Test Sample	Mini Bidirectional Amplifier		
Model No.	110	Serial No.	n/a
Test Specification	FCC Parts 2 and 90		Paragraph 2.991
Operating Mode	Amplifying cellular telephone signals		
Technician	T. Cricco	Date	8/19/99
Notes	Uplink Note: Markers indicate the required frequency band		

Sheet 1 of 4

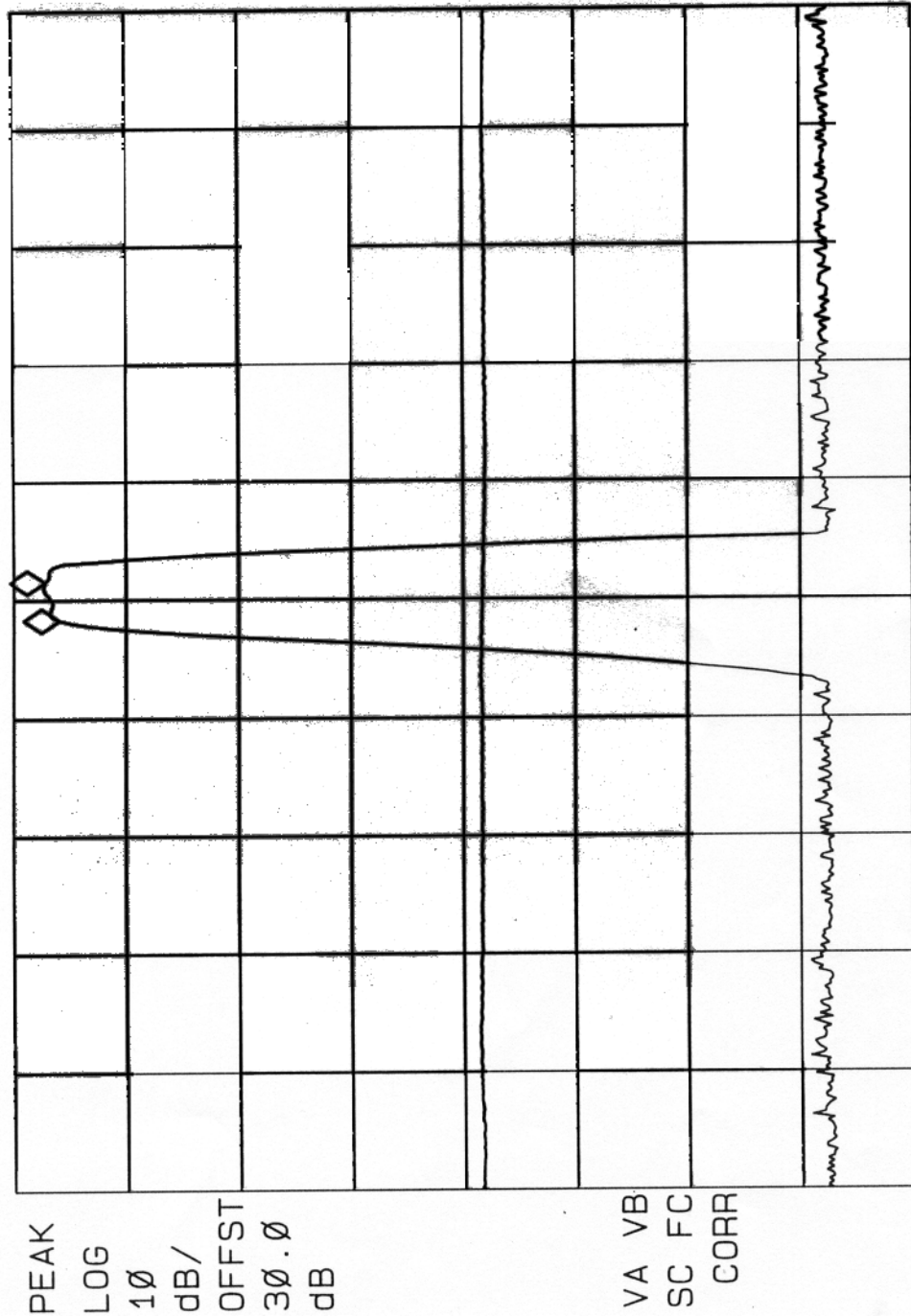


RETLIF TESTING LABORATORIES

Test Method	Antenna Conducted		
Customer	Cellular Specialties	Job No.	R-3483N
Test Sample	Mini Bidirectional Amplifier		
Model No.	110	Serial No.	n/a
Test Specification	FCC Parts 2 and 90	Paragraph	2.991
Operating Mode	Amplifying cellular telephone signals		
Technician	T. Cricco	Date	8/19/99
Notes	Uplink Note: Markers indicate the required frequency band		

Sheet **2** of **4**

13:52:16 AUG 19, 1999
 R-3483N CELLULAR - ANT COND - UPLINK MKR 806.1 MHz
 REF 30.0 dBm AT 10 dB 25.89 dBm

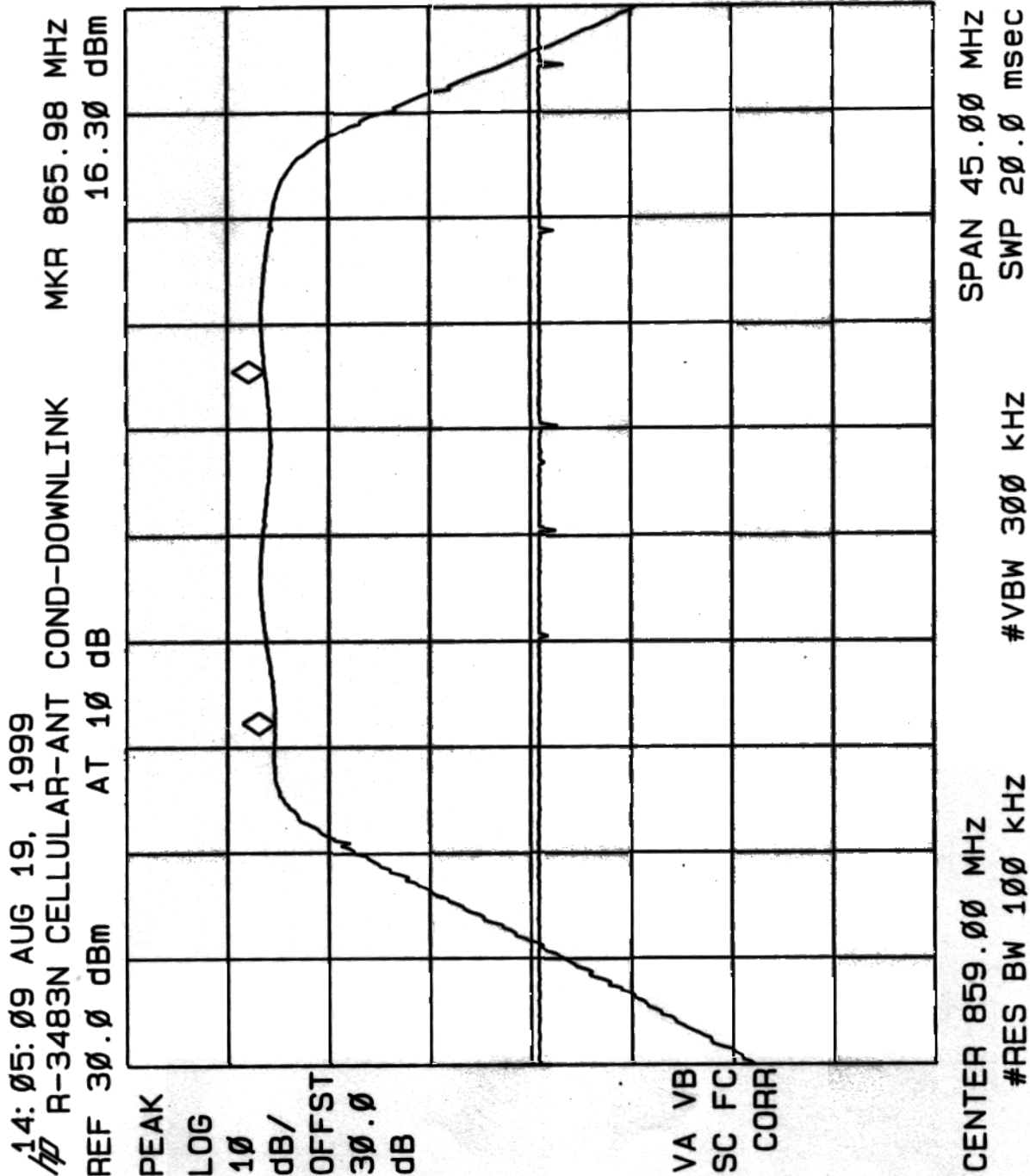


CENTER 814.0 MHz
 #RES BW 100 KHZ
 #VBW 300 KHZ
 SPAN 450.0 MHz
 SWP 135 msec

RETLIF TESTING LABORATORIES

Test Method	Antenna Conducted		
Customer	Cellular Specialties	Job No.	R-3483N
Test Sample	Mini Bidirectional Amplifier		
Model No.	110	Serial No.	n/a
Test Specification	FCC Parts 2 and 90	Paragraph	2.991
Operating Mode	Amplifying cellular telephone signals		
Technician	T. Cricco	Date	8/19/99
Notes	Downlink Note: Markers indicate the required frequency band		

Sheet 3 of 4

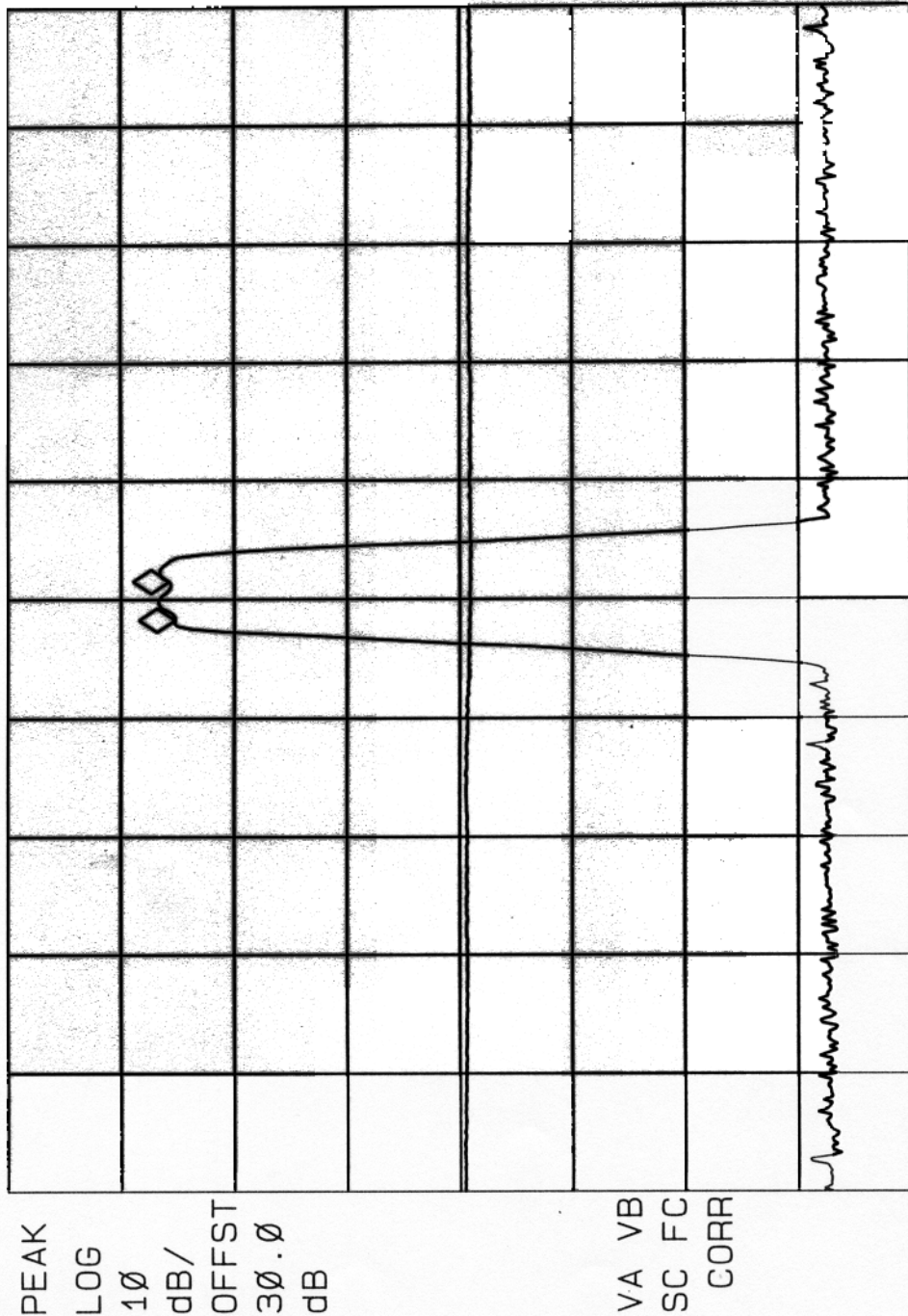


RETLIF TESTING LABORATORIES

Test Method	Antenna Conducted		
Customer	Cellular Specialties	Job No.	R-3483N
Test Sample	Mini Bidirectional Amplifier		
Model No.	110	Serial No.	n/a
Test Specification	FCC Parts 2 and 90	Paragraph	2.991
Operating Mode	Amplifying cellular telephone signals		
Technician	T. Cricco	Date	8/19/99
Notes	Downlink Note: Markers indicate the required frequency band		

Sheet **4** of **4**

14:21:41 AUG 19, 1999
 R-3483N CELLULAR-ANT COND-DOWNLINK
 REF 30.0 dBm AT 10 dB
 MKR 851.1 MHz
 15.23 dBm



CENTER 859.0 MHz
 #RES BW 100 kHz
 #VBW 300 kHz
 SPAN 450.0 MHz
 SWP 135 msec