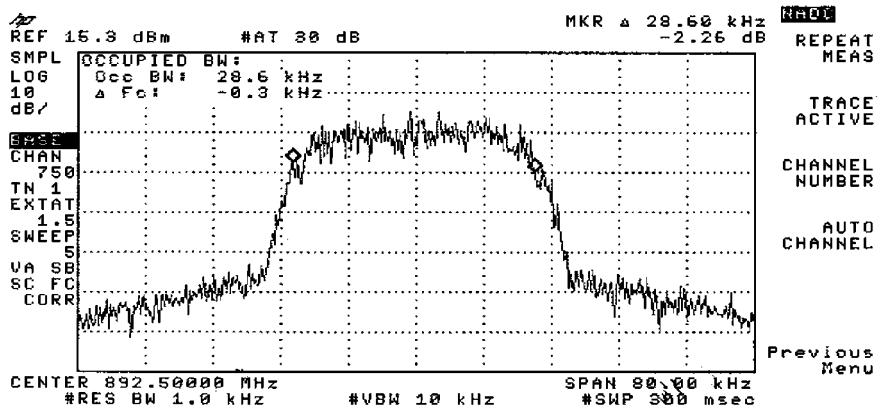
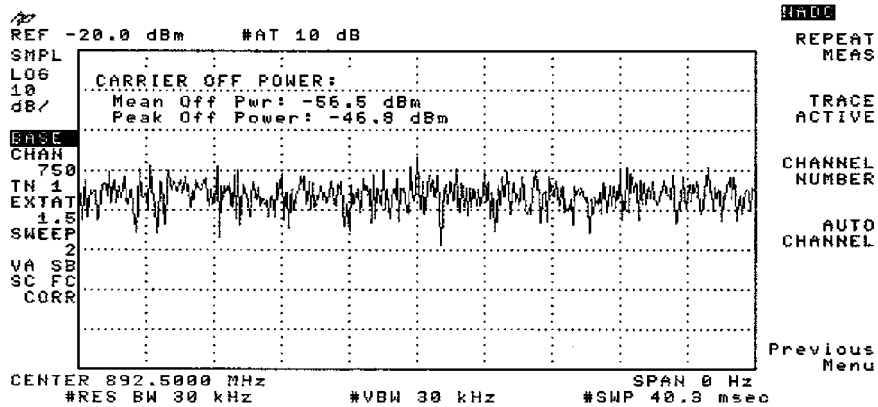
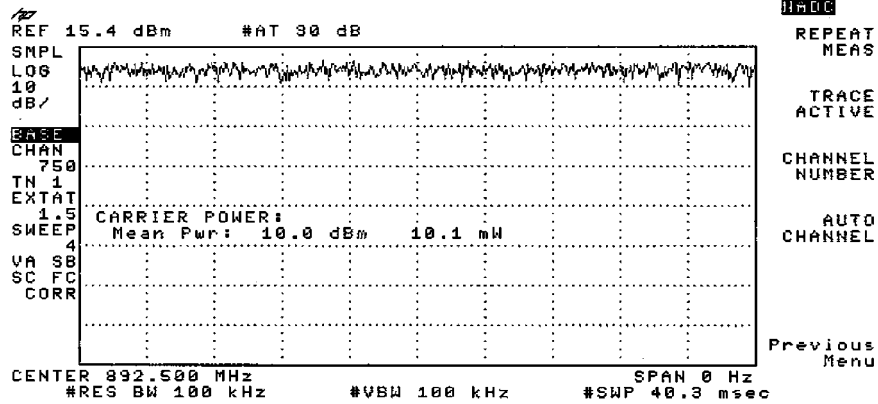
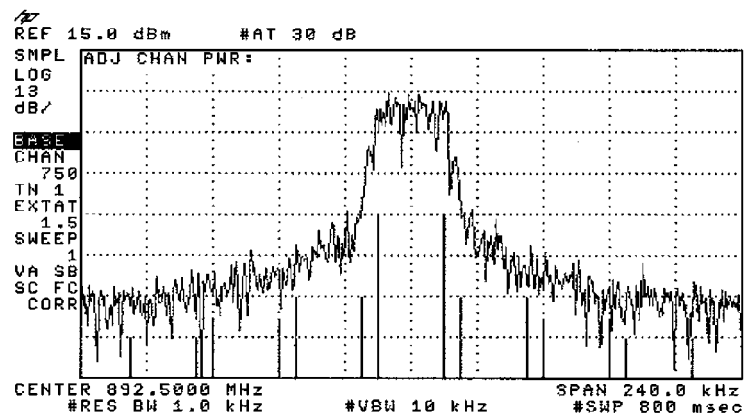


TDMA DOWNLINK





REPEAT MEAS

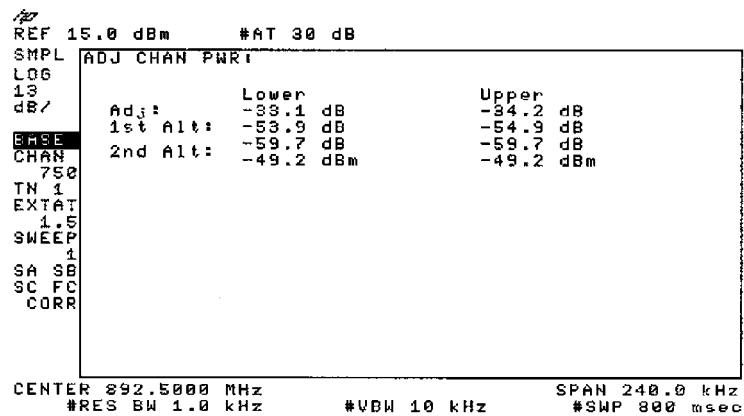
TRACE ACTIVE

CHANNEL NUMBER

AUTO CHANNEL

VIEW TBL TRCE

Previous Menu



REPEAT MEAS

TRACE ACTIVE

CHANNEL NUMBER

AUTO CHANNEL

VIEW TBL TRCE

Previous Menu

MODULATION ACCURACY: [single timeslot]			
Measurement complete			
RMS EVM:	1.4	%	
RMS MAG ERR:	0.9	%	
RMS PHASE ERR:	0.6	°	
PEAK EVM:	4.7	%	
ORIGIN OFFSET:	-35.6	dB	
FREQUENCY ERR:	4.8	Hz	
DROOP (dB/sym):	-0.0003		
CHANNEL 750	FREQ 892.50 MHz	SYNC WORD 1	
BASE	TRIG FRAME		

NAOC
MODULATN
ACCURACY

SINGLE
CONT

FULL
PARTIAL

Demod
Main

More
1 of 2

STATISTICS for sample of 10 timeslots:				
	Mean	Std dev	Max	Min
RMS EVM (%):	1.9	0.21	2.3	1.6
RMS MAG ERR (%):	0.9	0.06	1.0	0.8
RMS PHASE ERR (°):	1.0	0.14	1.2	0.8
RMS EVM Uncertainty (for N=10)				
Temp. Range 20-30 °C:	2.1 %	> RMS EVM >	0.9 %	
Temp. Range 0-55 °C:	2.1 %	> RMS EVM >	0.9 %	
Mean				
ORIGIN OFFSET (dB):	-35.6			
FREQUENCY ERROR (Hz):	4.7			
DROOP (dB/symbol):	-0.0001			
CHANNEL 750	FREQ 892.50 MHz	SYNC WORD 1		
BASE	TRIG FRAME			

NAOC
MODULATN
ACCURACY

SINGLE
CONT

FULL
PARTIAL

Demod
Main

More
1 of 2

DIGITAL DEMODULATOR STATUS:	
BASE	FT Acquisition Status (<1=OK>): 1
CONT	FT Time Record Status: 0
CHANNEL 750	FT Acquisition Sync Number: 1
CF 892.50 MHz	FT Acquisition Sync errors: 0
	FT Sync Bit Location: 36826
TRIG FRAME	Measurement Status (<0=OK>): 0
WRD SYNC ON	Measurement Time Record Status: 0
TIMESLOT NUM 1	Time Slot (SYNC WORD) Number: 1
	Sync Match (1=PERFECT MATCH): 1
	Sync Word Errors: 0
	Pass 1&2 Bit Compare Errors: 0
	IQ Null Flag: 1
	IQ Null Count: 1
	Low Magnitude Points: 0
DLP REV 951021	RMS EVM (%): 1.9
DSP FW REV 951027	PEAK EVM (%): 7.8
SA FW REV 380615	ORIGIN OFFSET (dB): -35.6
	FREQUENCY ERROR (Hz): 4.7
	DROOP (dB/symbol): -0.0001

NAOC
Modulatn

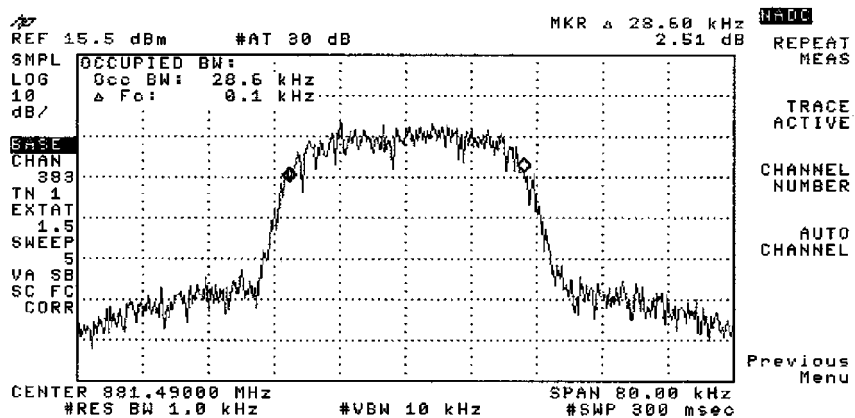
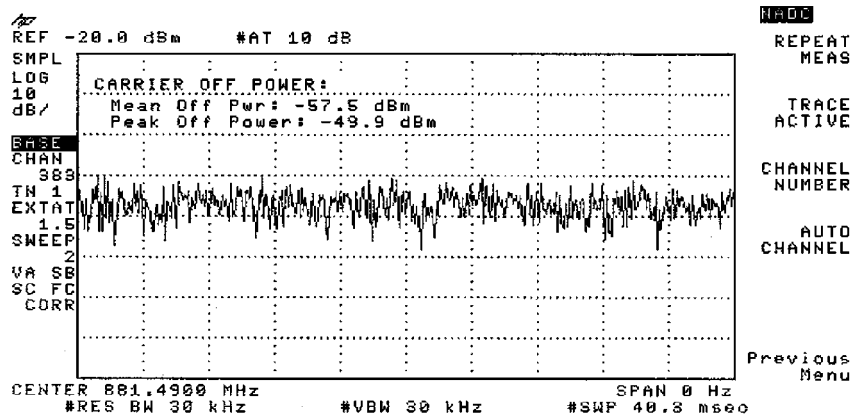
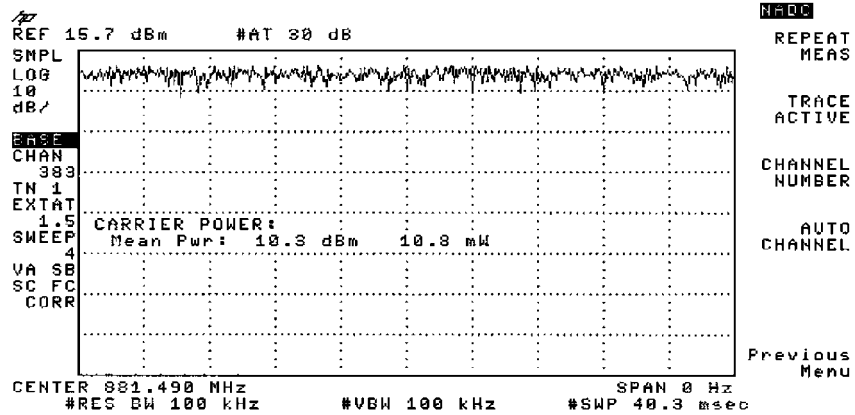
Graphs

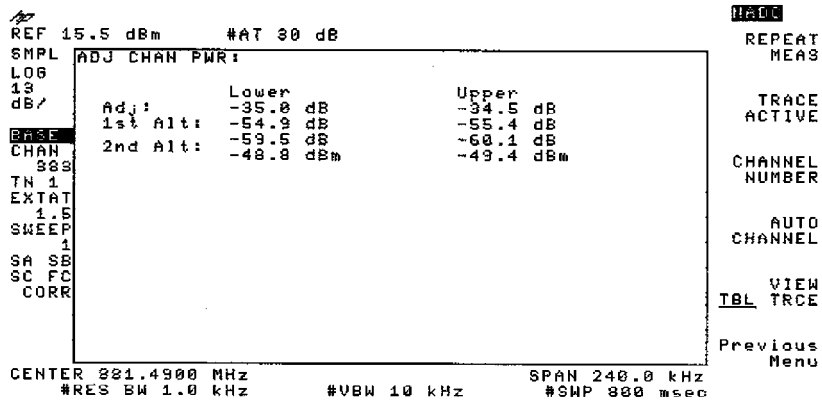
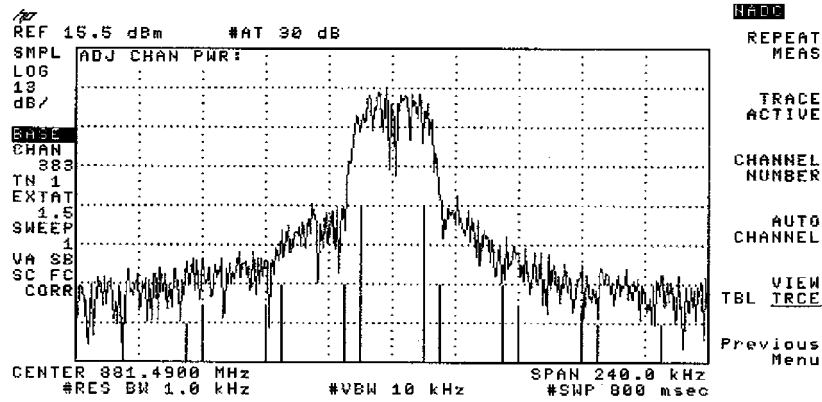
Data

STATUS

Demod
Config

Main
Menu





MODULATION ACCURACY: [single timeslot]				
Measurement complete				
RMS EVM:	2.2	%		
RMS MAG ERR:	1.0	%		
RMS PHASE ERR:	1.1	°		
PEAK EVM:	8.0	%		
ORIGIN OFFSET:	-35.8	dB		
FREQUENCY ERR:	3.0	Hz		
DROOP (dB/sym):	-0.0000			
CHANNEL 383	FREQ 881.49 MHz	SYNC WORD 1		
BASE	TRIG FRAME			

NA00
MODULATN
ACCURACY

SINGLE
CONT

FULL
PARTIAL

Demod
Main

More
1 of 2

STATISTICS for sample of 10 timeslots:				
	Mean	Std dev	Max	Min
RMS EVM (%):	1.8	0.24	2.3	1.5
RMS MAG ERR (%):	0.9	0.07	1.1	0.8
RMS PHASE ERR (°):	0.9	0.16	1.2	0.7
RMS EVM Uncertainty (for N=10)				
Temp. Range 20-30 °C:	2.1 %	> RMS EVM >	0.9 %	
Temp. Range 0-55 °C:	2.1 %	> RMS EVM >	0.9 %	
	Mean			
ORIGIN OFFSET (dB):	-35.4			
FREQUENCY ERROR (Hz):	7.5			
DROOP (dB/symbol):	-0.0000			
CHANNEL 383	FREQ 881.49 MHz	SYNC WORD 1		
BASE	TRIG FRAME			

NA00
MODULATN
ACCURACY

SINGLE
CONT

FULL
PARTIAL

Demod
Main

More
1 of 2

DIGITAL DEMODULATOR STATUS:		
BASE	FT Acquisition Status (1=OK):	1
CONT	FT Time Record Status:	0
	FT Acquisition Sync Number:	1
CHANNEL 383	FT Acquisition Sync errors:	0
CF 881.49 MHz	FT Sync Bit Location:	86826
TRIG FRAME	Measurement Status (0=OK):	0
WRD SYNC ON	Measurement Time Record Status:	0
TIMESLOT NUM 1	Time Slot (SYNC WORD) Number:	1
	Sync Match (1=PERFECT MATCH):	1
	Sync Word Errors:	0
	Pass 1&2 Bit Compare Errors:	0
	IQ Null Flag:	1
DLP REV	IQ Null Count:	1
961021	Low Magnitude Points:	0
DSP FW REV	RMS EVM (%):	1.8
961027	PEAK EVM (%):	8.4
SA FW REV	ORIGIN OFFSET (dB):	-35.4
980615	FREQUENCY ERROR (Hz):	7.5
	DROOP (dB/symbol):	-0.0000

NA00
Modulatn

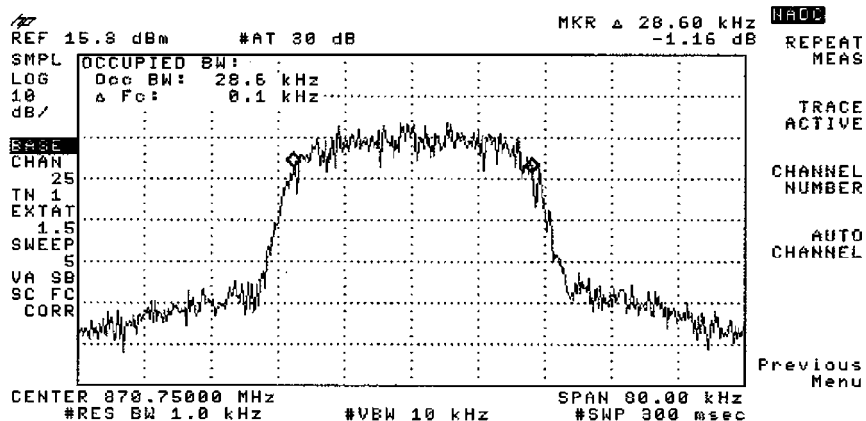
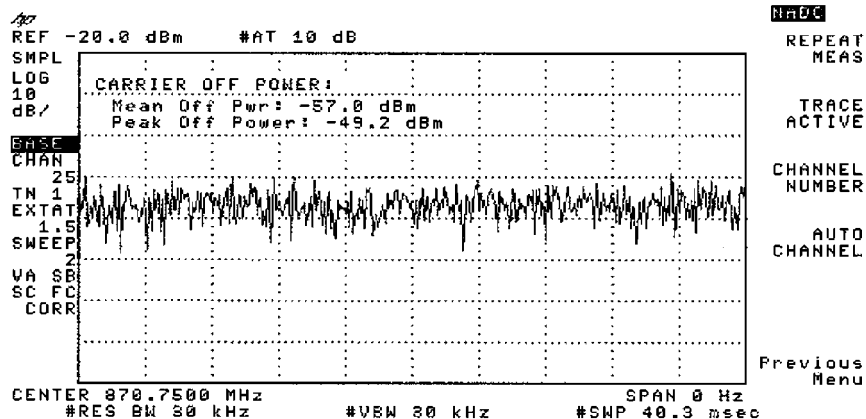
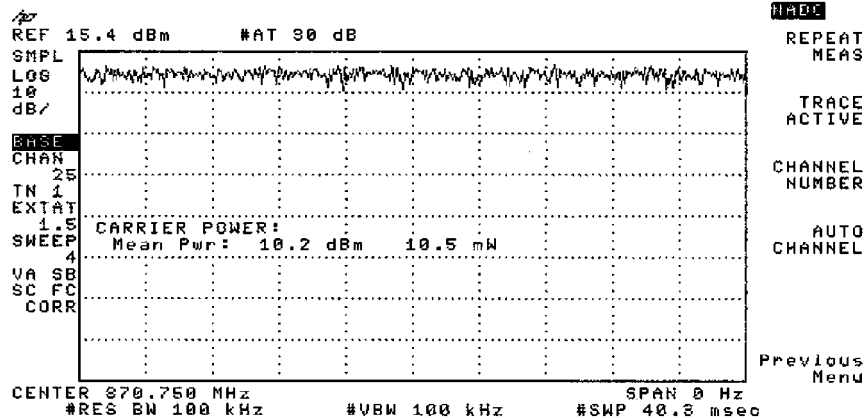
Graphs

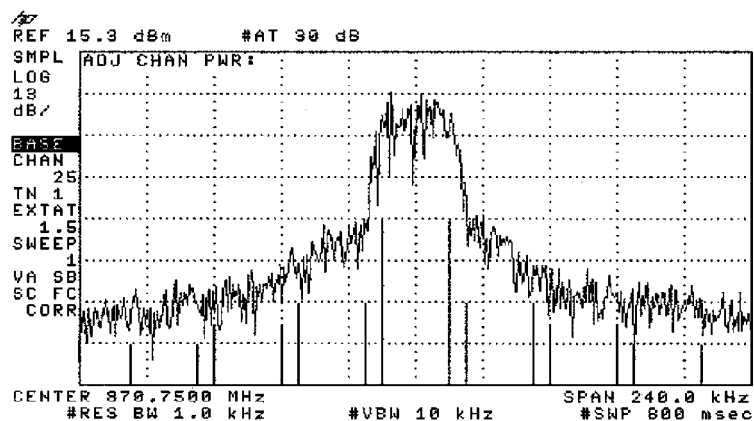
Data

STATUS

Demod
Config

Main
Menu





NADC

REPEAT MEAS

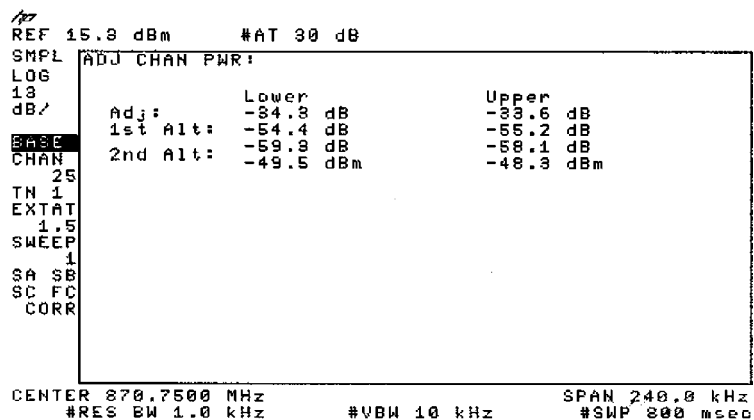
TRACE ACTIVE

CHANNEL NUMBER

AUTO CHANNEL

VIEW TBL TRCE

Previous Menu



NADC

REPEAT MEAS

TRACE ACTIVE

CHANNEL NUMBER

AUTO CHANNEL

VIEW TBL TRCE

Previous Menu

MODULATION ACCURACY: [single timeslot]				
Measurement complete				
RMS EVM:		1.8	%	
RMS MAG ERR:		0.9	%	
RMS PHASE ERR:		0.9	°	
PEAK EVM:		5.7	%	
ORIGIN OFFSET:		-35.5	dB	
FREQUENCY ERR:		-6.7	Hz	
DROOP (dB/sym):		-0.0003		
CHANNEL 25	FREQ	870.75 MHz	SYNC WORD	1
BASE	TRIG	FRAME		

NR00

MODULATN
ACCURACY

SINGLE
CONT

FULL
PARTIAL

Demod
Main

More
1 of 2

STATISTICS for sample of 10 timeslots:				
	Mean	Std dev	Max	Min
RMS EVM (%):	1.9	0.28	2.5	1.6
RMS MAG ERR (%):	1.0	0.06	1.0	0.9
RMS PHASE ERR (°):	0.9	0.18	1.3	0.7
RMS EVM Uncertainty (for N=10)				
Temp. Range 20-30 °C:	2.1 %	> RMS EVM	>	1.0 %
Temp. Range 0-55 °C:	2.1 %	> RMS EVM	>	1.0 %
Mean				
ORIGIN OFFSET (dB):	-35.0			
FREQUENCY ERROR (Hz):	5.9			
DROOP (dB/symbol):	-0.0001			
CHANNEL 25	FREQ	870.75 MHz	SYNC WORD	1
BASE	TRIG	FRAME		

NR00

MODULATN
ACCURACY

SINGLE
CONT

FULL
PARTIAL

Demod
Main

More
1 of 2

DIGITAL DEMODULATOR STATUS:		
BASE	FT Acquisition Status (1=OK):	1
CONT	FT Time Record Status:	0
CHANNEL 25	FT Acquisition Sync Number:	1
CF 870.75 MHz	FT Acquisition Sync errors:	0
TRIG FRAME	FT Sync Bit Location:	36826
WRD SYNC ON	Measurement Status (0=OK):	0
TIMESLOT NUM 1	Measurement Time Record Status:	0
	Time Slot (SYNC WORD) Number:	1
	Sync Match (1=PERFECT MATCH):	1
	Sync Word Errors:	0
	Pass 1&2 Bit Compare Errors:	0
	IQ Null Flag:	1
	IQ Null Count:	1
	Low Magnitude Points:	0
DLP REV	RMS EVM (%):	1.8
961021	PEAK EVM (%):	7.1
DSP FW REV	ORIGIN OFFSET (dB):	-35.0
951027	FREQUENCY ERROR (Hz):	11.9
SA FW REV	DROOP (dB/symbol):	-0.0000
980615		

NR00

Modulatn

Graphs

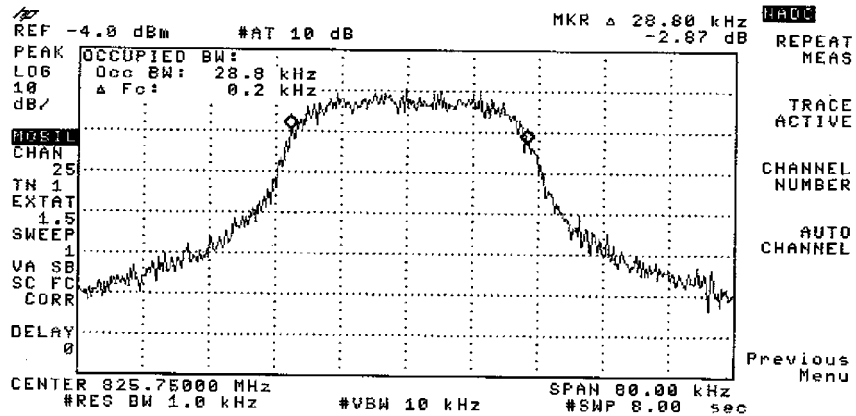
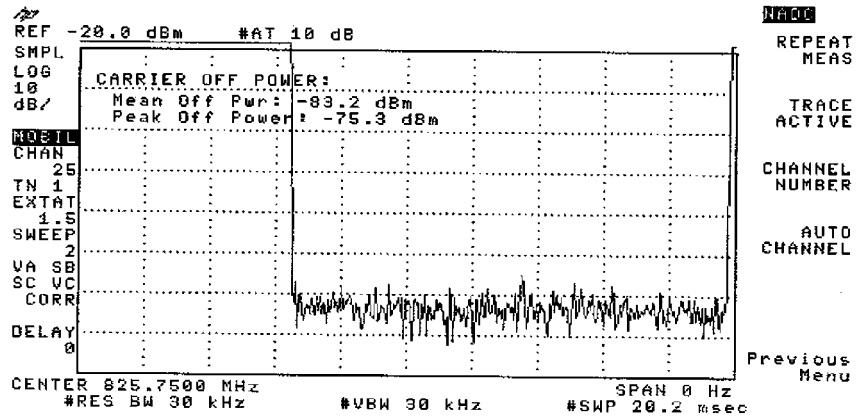
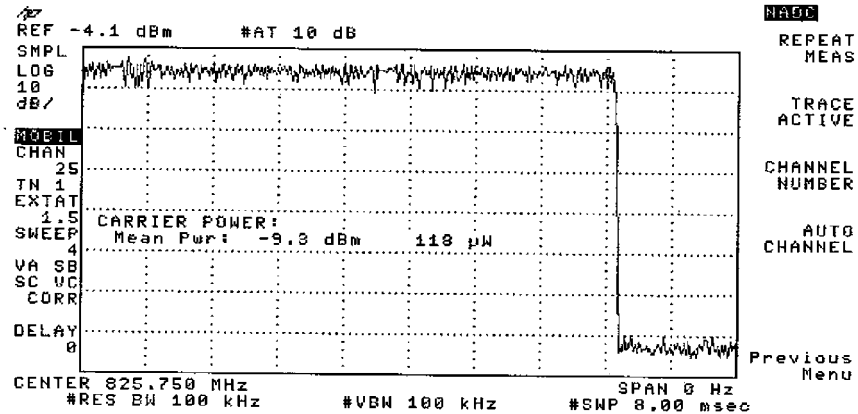
Data

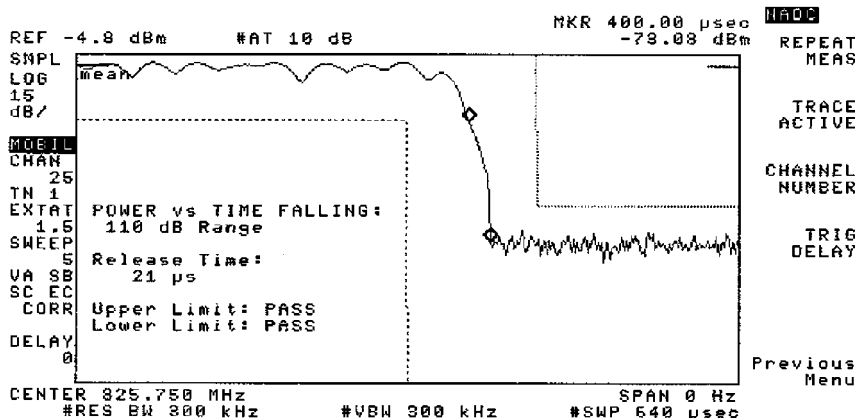
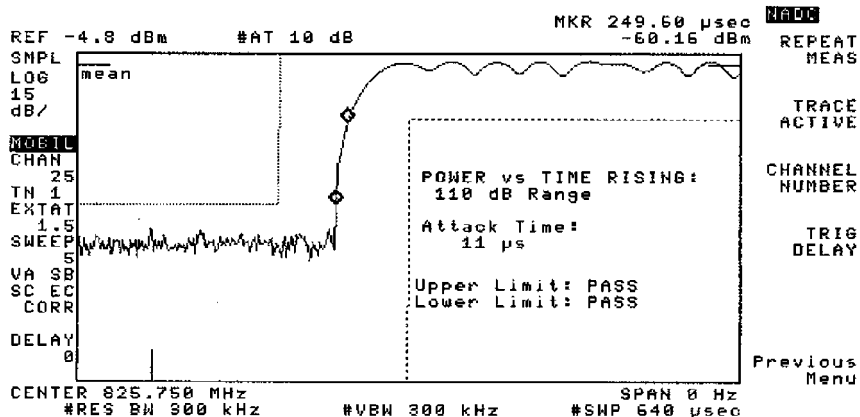
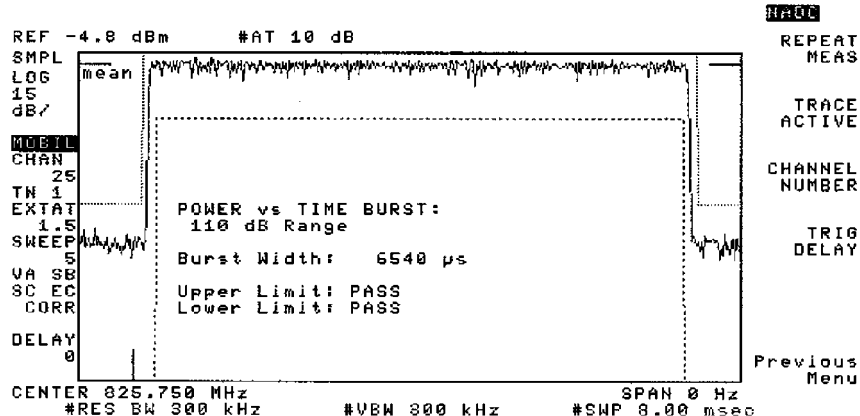
STATUS

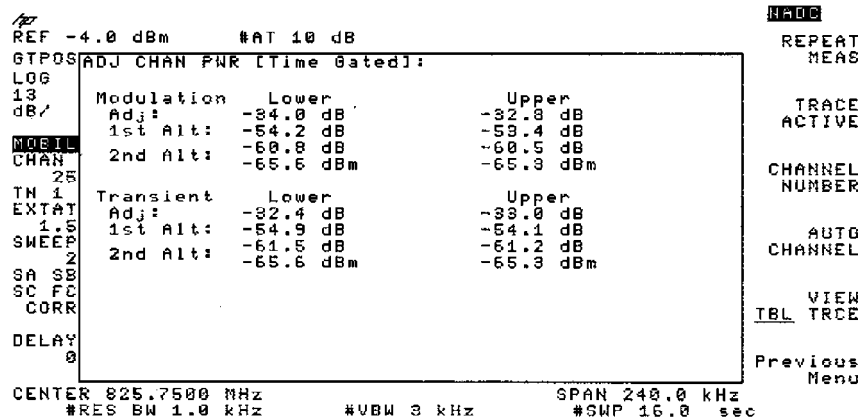
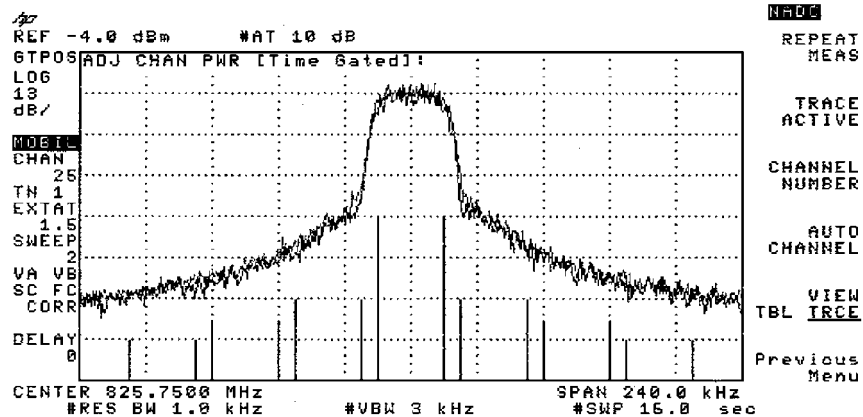
Demod
Config

Main
Menu

TDMA UPLINK







MODULATION ACCURACY: [single burst]			
Measurement complete			
RMS EVM:	1.7	%	
RMS MAG ERR:	1.1	%	
RMS PHASE ERR:	0.7	°	
PEAK EVM:	5.9	%	
ORIGIN OFFSET:	-34.6	dB	
FREQUENCY ERR:	-4.5	Hz	
DROOP (dB/sym):	0.0016		
CHANNEL 25	FREQ 825.75 MHz	SYNC WORD 1	
MOBILE	TRIG FRAME		

NAOC
 MODULATN
 ACCURACY

SINGLE
 CONT

FULL
 PARTIAL

1 BURST
10 BURST

 Demod
 Main

 More
 1 of 2

MODULATION ACCURACY: [10 symbol, 10 burst average]			
Measurement complete			
RMS EVM:	3.6	%	
RMS MAG ERR:	1.5	%	
RMS PHASE ERR:	1.9	°	
[single (full) burst measured]:			
ORIGIN OFFSET:	-35.5	dB	
FREQUENCY ERR:	-9.7	Hz	
DROOP (dB/sym):	0.0014		
CHANNEL 25	FREQ 825.75 MHz	SYNC WORD 1	
MOBILE	TRIG FRAME		

NAOC
 MODULATN
 ACCURACY

SINGLE
 CONT

1 BURST
10 BURST

 Demod
 Main

 More
 1 of 2

DIGITAL DEMODULATOR STATUS:		
MOBILE	FT Acquisition Status (1=OK):	1
BURST	FT Time Record Status:	0
	FT Acquisition Sync Number:	1
CHANNEL 25	FT Acquisition Sync errors:	0
CF 825.75 MHz	FT Sync Bit Location:	36798
TRIG FRAME	Measurement Status (0=OK):	0
WRD SYNC ON	Measurement Time Record Status:	0
TIMESLOT NUM 1	Time Slot (SYNC WORD) Number:	1
	Sync Match (1=PERFECT MATCH):	1
	Sync Word Errors:	0
	Pass 1&2 Bit Compare Errors:	0
	IQ Null Flag:	1
	IQ Null Count:	1
	Low Magnitude Points:	7
DLP REV	RMS EVM (%):	3.6
951021		
DSP FW REV	ORIGIN OFFSET (dB):	-35.5
951027	FREQUENCY ERROR (Hz):	-9.7
SA FW REV	DROOP (dB/symbol):	0.0014
980615		

NAOC
 Modulatn

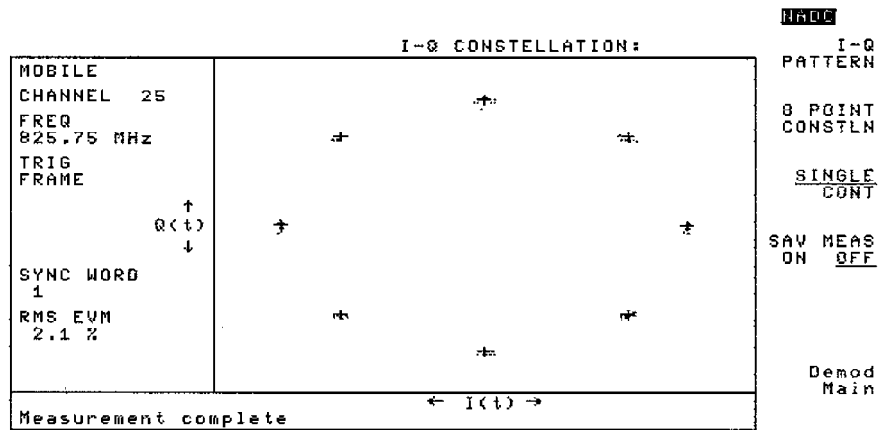
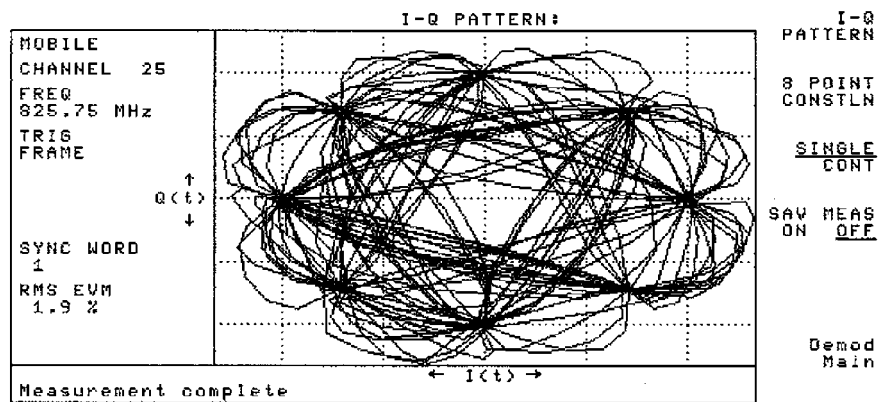
 Graphs

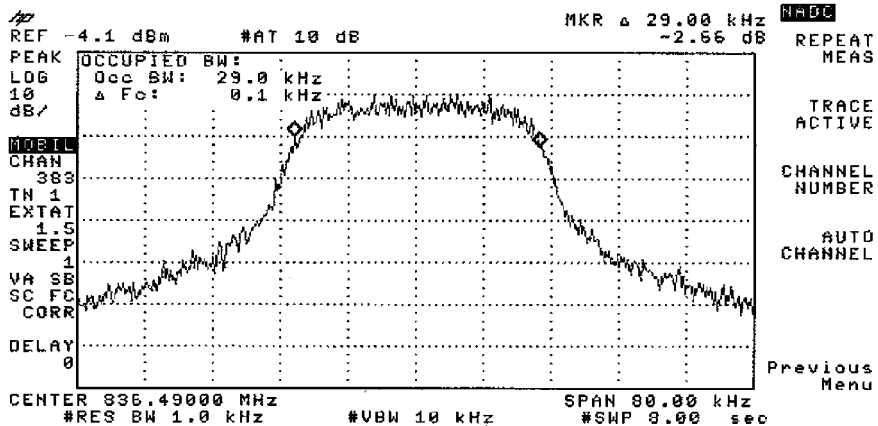
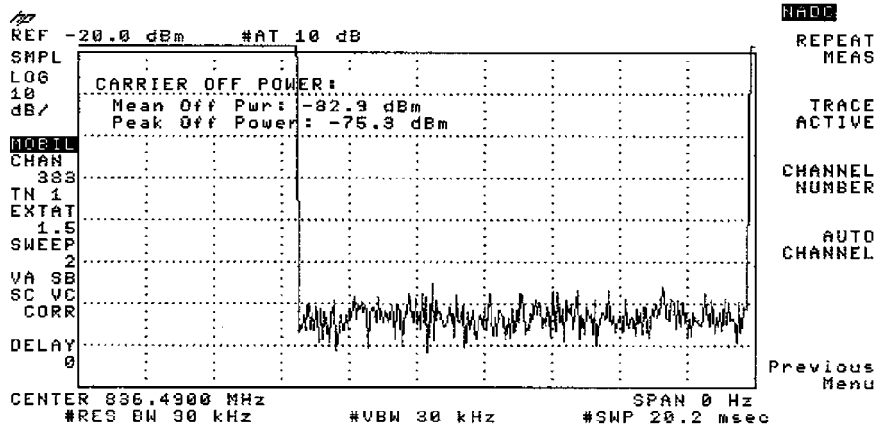
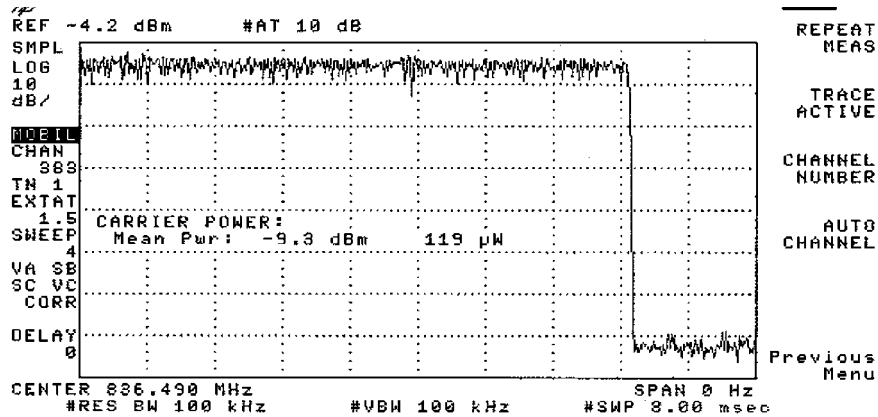
 Data

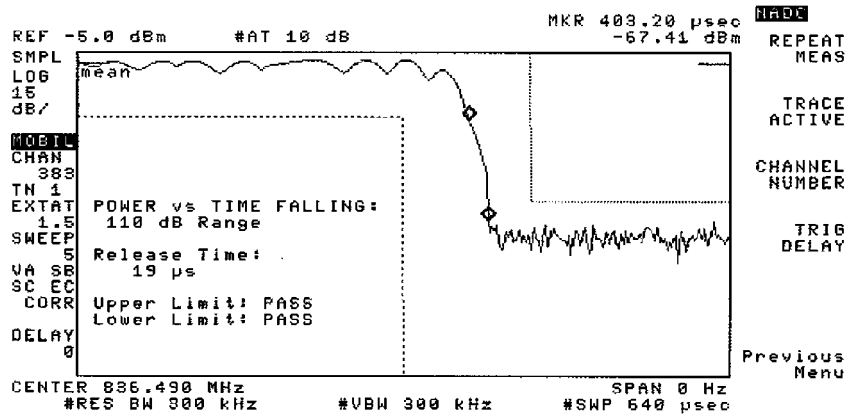
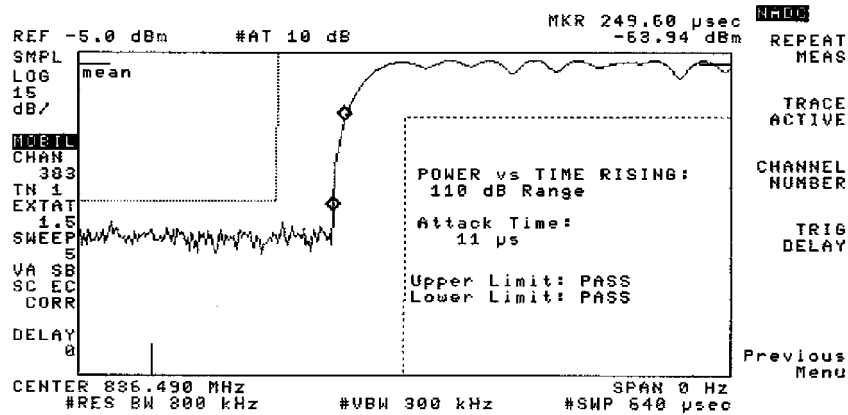
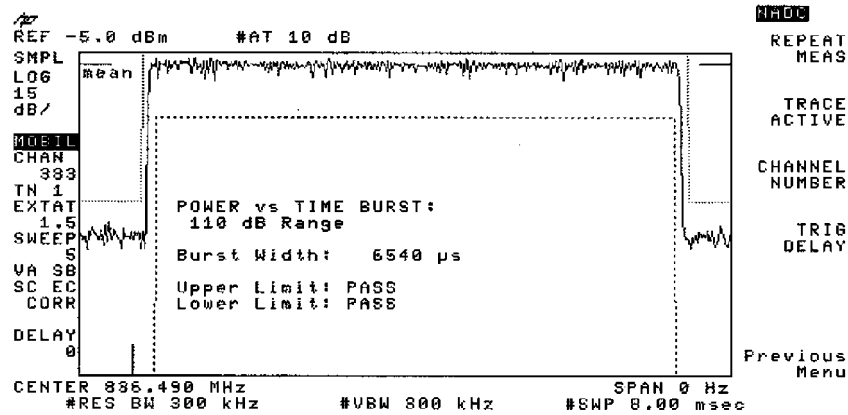
 STATUS

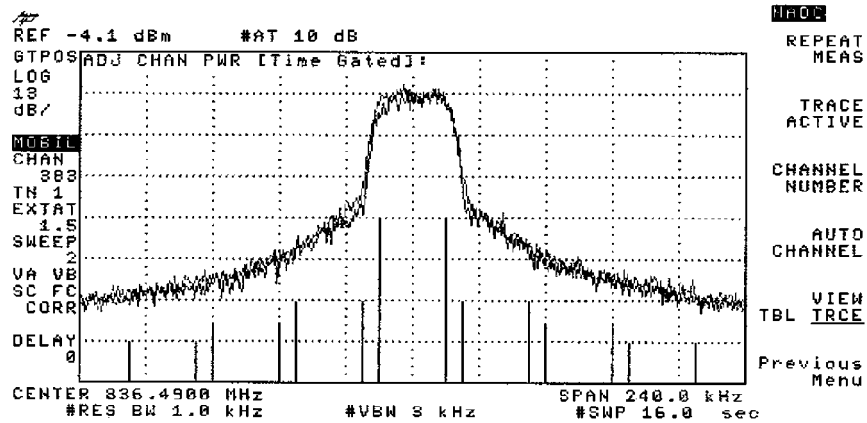
 Demod
 Config

 Main
 Menu









APR REF -4.1 dBm #AT 10 dB

GTPOS ADJ CHAN PWR [Time Gated]:

LOG 13 dB/

MOBIL

CHAN 883

TN 1

EXTAT 1.5

SWEEP 2

SA SB

SC FC

CORR

DELAY 0

Modulation		Lower	Upper
Adj:		-36.5 dB	-31.1 dB
1st Alt:		-54.7 dB	-53.8 dB
2nd Alt:		-60.9 dB	-60.6 dB
		-66.0 dBm	-65.7 dBm
Transient		Lower	Upper
Adj:		-31.1 dB	-30.4 dB
1st Alt:		-52.7 dB	-53.8 dB
2nd Alt:		-60.9 dB	-59.9 dB
		-66.0 dBm	-64.0 dBm

CENTER 836.4900 MHz

#RES BW 1.0 kHz

#VBW 3 kHz

SPAN 240.0 kHz

#SWP 16.0 sec

REPEAT MEAS

TRACE ACTIVE

CHANNEL NUMBER

AUTO CHANNEL

VIEW TBL TRCE

Previous Menu

MODULATION ACCURACY: [single burst]			
Measurement complete			
RMS EVM:	2.3	%	
RMS MAG ERR:	1.2	%	
RMS PHASE ERR:	1.1	°	
PEAK EVM:	12.1	%	
ORIGIN OFFSET:	-37.2	dB	
FREQUENCY ERR:	0.8	Hz	
DROOP (dB/sym):	0.0019		
CHANNEL 383	FREQ 836.49 MHz	SYNC WORD 1	
MOBILE	TRIG FRAME		

NAOC
 MODULATN
 ACCURACY

SINGLE
 CONT

FULL
 PARTIAL

1 BURST
10 BURST

 Demod
 Main

 More
 1 of 2

MODULATION ACCURACY: [10 symbol, 10 burst average]			
Measurement complete			
RMS EVM:	3.6	%	
RMS MAG ERR:	1.5	%	
RMS PHASE ERR:	1.9	°	
[single (full) burst measured]:			
ORIGIN OFFSET:	-34.3	dB	
FREQUENCY ERR:	5.5	Hz	
DROOP (dB/sym):	0.0015		
CHANNEL 383	FREQ 836.49 MHz	SYNC WORD 1	
MOBILE	TRIG FRAME		

NAOC
 MODULATN
 ACCURACY

SINGLE
 CONT

1 BURST
10 BURST

 Demod
 Main

 More
 1 of 2

DIGITAL DEMODULATOR STATUS:		
MOBILE	FT Acquisition Status (1=OK):	1
BURST	FT Time Record Status:	0
	FT Acquisition Sync Number:	1
CHANNEL 383	FT Acquisition Sync errors:	0
CF 836.49 MHz	FT Sync Bit Location:	36798
TRIG FRAME	Measurement Status (0=OK):	0
WRD SYNC ON	Measurement Time Record Status:	0
TIMESLOT NUM 1	Time Slot (SYNC WORD) Number:	1
	Sync Match (1=PERFECT MATCH):	1
	Sync Word Errors:	0
	Pass 1&2 Bit Compare Errors:	0
DLP REV	IQ Null Flag:	1
951021	IQ Null Count:	1
	Low Magnitude Points:	8
DSP FW REV	RMS EVM (%):	3.6
951027	ORIGIN OFFSET (dB):	-34.3
SA FW REV	FREQUENCY ERROR (Hz):	5.5
980615	DROOP (dB/symbol):	0.0015

NAOC
 Modulatn

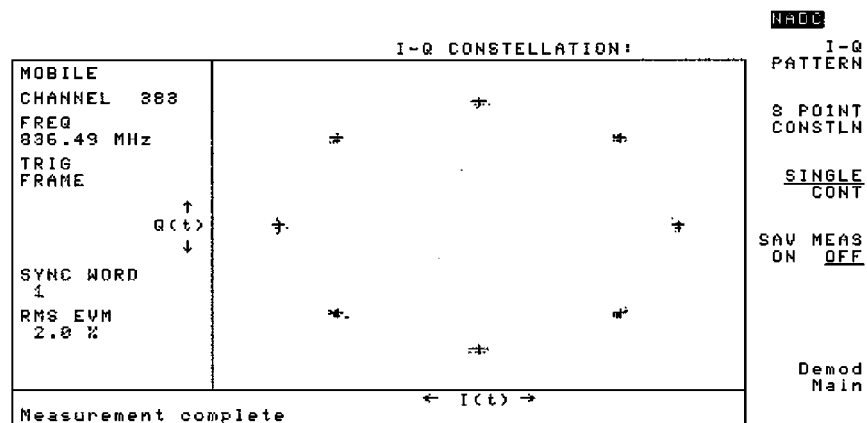
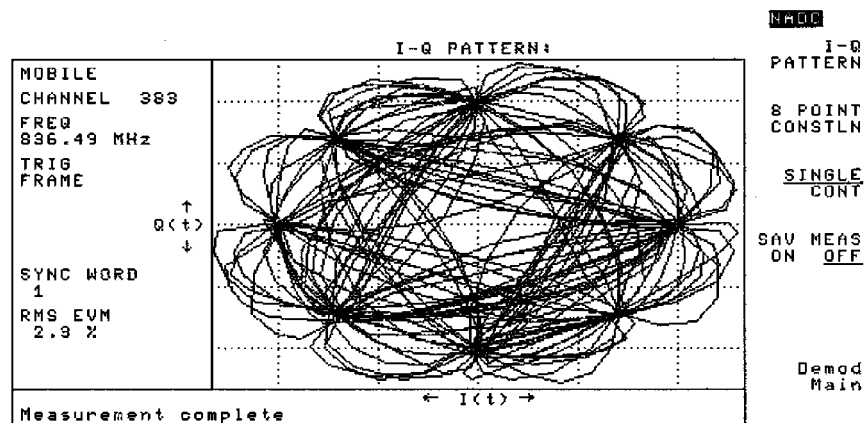
 Graphs

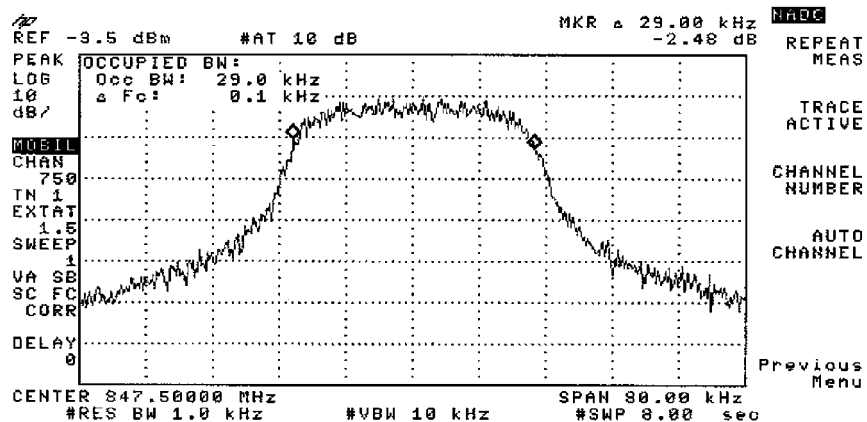
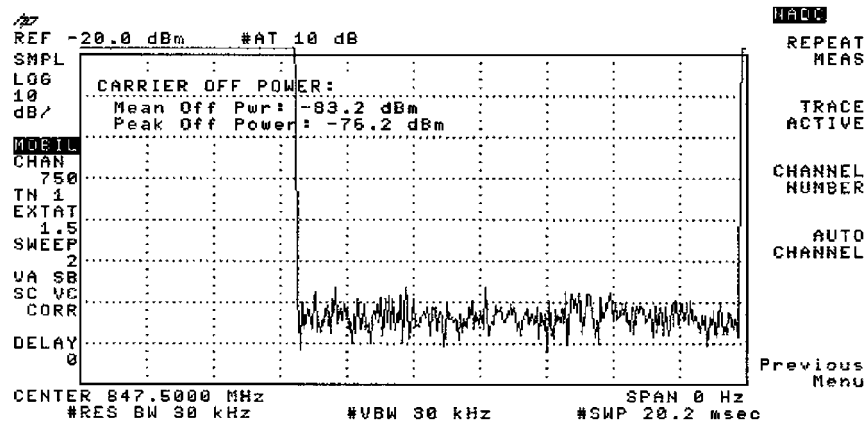
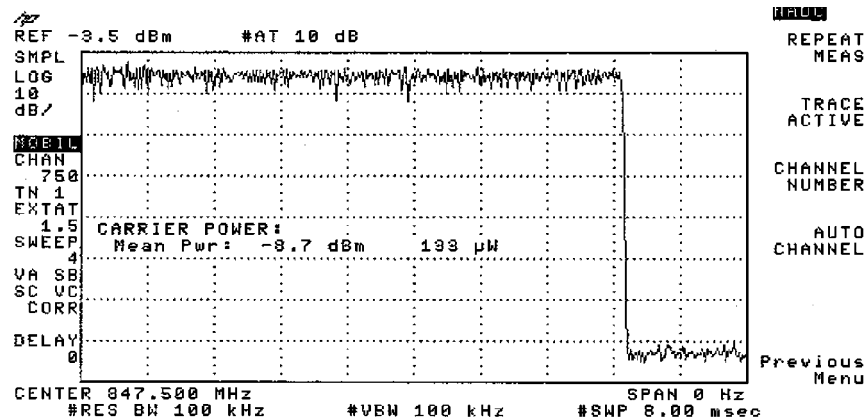
 Data

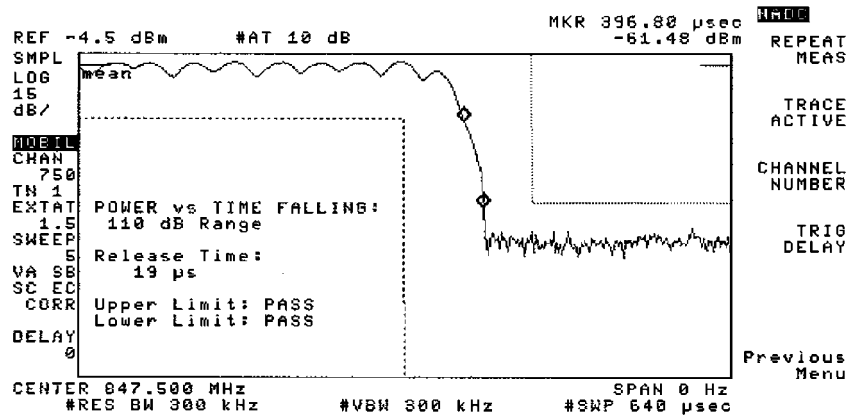
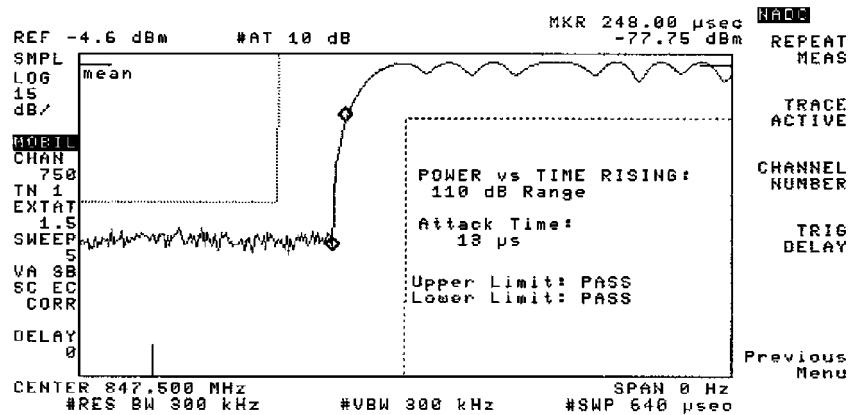
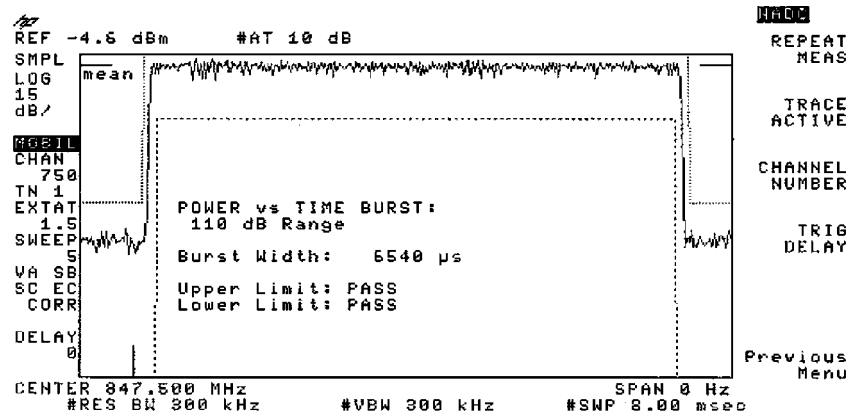
 STATUS

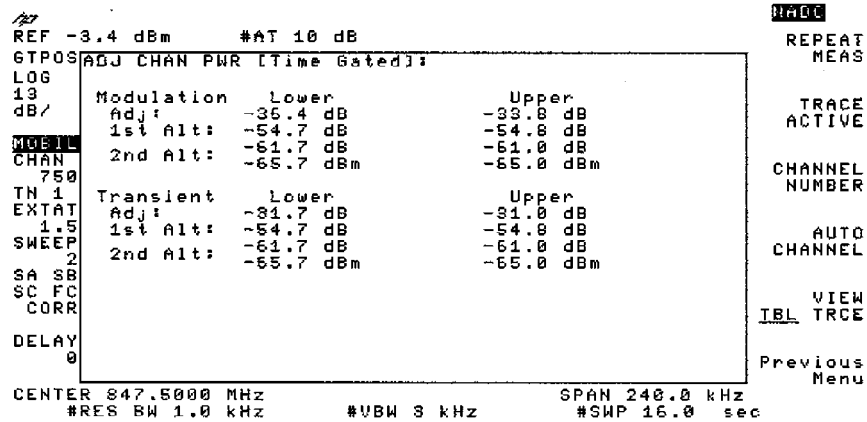
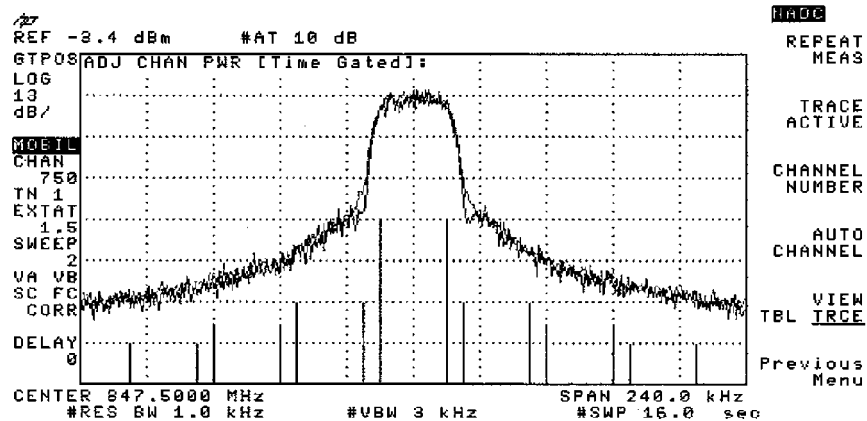
 Demod
 Config

 Main
 Menu









MODULATION ACCURACY: [single burst]			
Measurement complete			
RMS EVM:	2.1	%	
RMS MAG ERR:	1.3	%	
RMS PHASE ERR:	1.0	°	
PEAK EVM:	6.2	%	
ORIGIN OFFSET:	-37.9	dB	
FREQUENCY ERR:	6.1	Hz	
DROOP (dB/sym):	0.0014		
CHANNEL 750	FREQ 847.50 MHz	SYNC WORD 1	
MOBILE	TRIG FRAME		

NA00
 MODULATN
 ACCURACY

 SINGLE
 CONT

 FULL
 PARTIAL

 1 BURST
 10 BURST

 Demod
 Main

 More
 1 of 2

MODULATION ACCURACY: [10 symbol, 10 burst average]			
Measurement complete			
RMS EVM:	3.2	%	
RMS MAG ERR:	1.5	%	
RMS PHASE ERR:	1.6	°	
[single (full) burst measured]:			
ORIGIN OFFSET:	-37.2	dB	
FREQUENCY ERR:	-4.0	Hz	
DROOP (dB/sym):	0.0018		
CHANNEL 750	FREQ 847.50 MHz	SYNC WORD 1	
MOBILE	TRIG FRAME		

NA00
 MODULATN
 ACCURACY

 SINGLE
 CONT

 1 BURST
 10 BURST

 Demod
 Main

 More
 1 of 2

DIGITAL DEMODULATOR STATUS:			
MOBILE	FT Acquisition Status (1=OK):	1	
BURST	FT Time Record Status:	0	
CHANNEL 750	FT Acquisition Sync Number:	1	
CF 847.50 MHz	FT Acquisition Sync errors:	0	
TRIG FRAME	FT Sync Bit Location:	36798	
NRD SYNC ON	Measurement Status (0=OK):	0	
TIMESLOT NUM 1	Measurement Time Record Status:	0	
	Time Slot (SYNC WORD) Number:	1	
	Sync Match (1=PERFECT MATCH):	1	
	Sync Word Errors:	0	
	Pass 1&2 Bit Compare Errors:	0	
DLP REV	IQ Null Flag:	1	
961021	IQ Null Count:	1	
	Low Magnitude Points:	7	
DSP FW REV	RMS EVM (X):	3.2	
961027	ORIGIN OFFSET (dB):	-37.2	
SA FW REV	FREQUENCY ERROR (Hz):	-4.0	
980615	DROOP (dB/symbol):	0.0018	

NA00
 Modulatn

 Graphs

 Data

 STATUS

 Demod
 Config

 Main
 Menu

