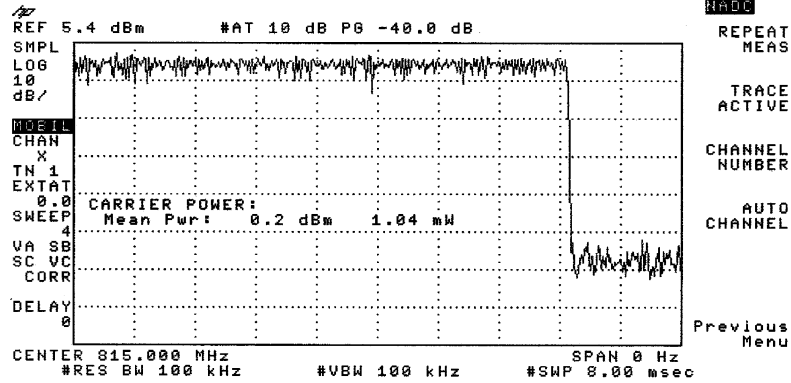
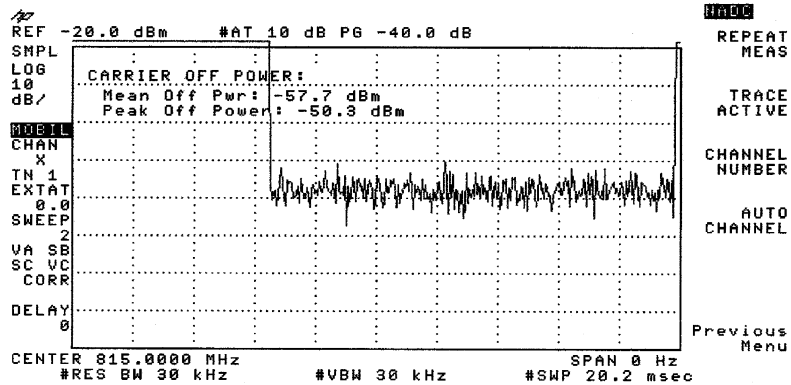


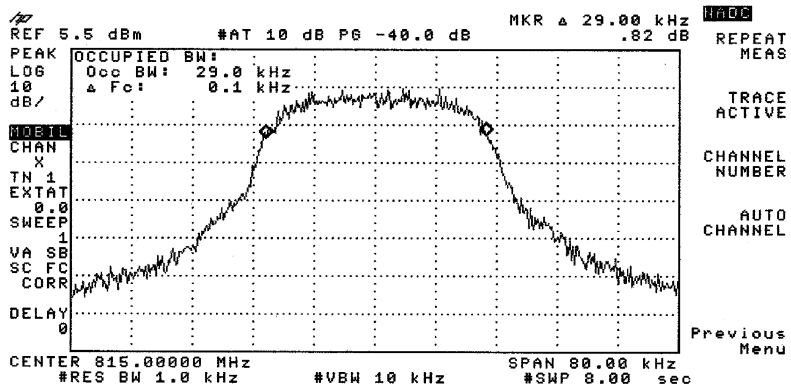
iDEN SMR Uplink



actual mean Pwr = -39.8 dBm



actual Mean Off Power = -97.7



MODULATION ACCURACY: [single burst]			
Measurement complete			
RMS EVM:	2.1	%	
RMS MAG ERR:	0.9	%	
RMS PHASE ERR:	1.1	°	
PEAK EVM:	8.2	%	
ORIGIN OFFSET:	-37.4	dB	
FREQUENCY ERR:	-2.5	Hz	
DROOP (dB/sym):	0.0000		
CHANNEL X	FREQ 815.00 MHz	SYNC WORD 1	
MOBILE	TRIG FRAME		

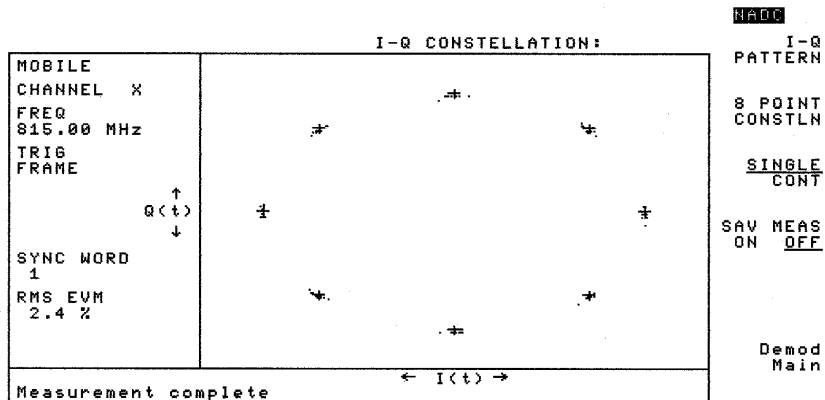
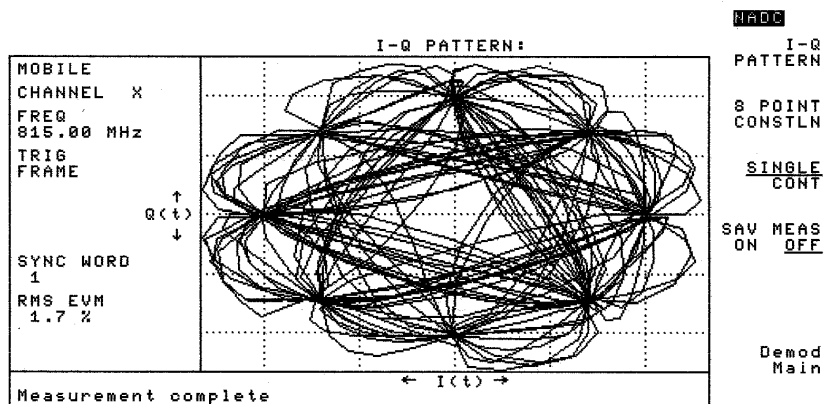
NADC
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 FULL
 PARTIAL
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 10 BURST
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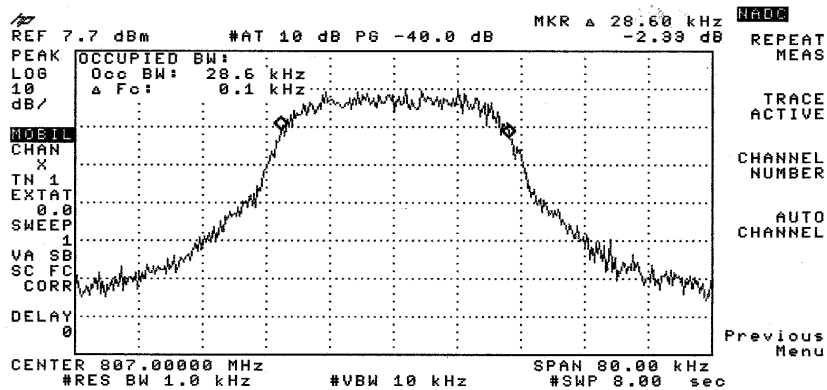
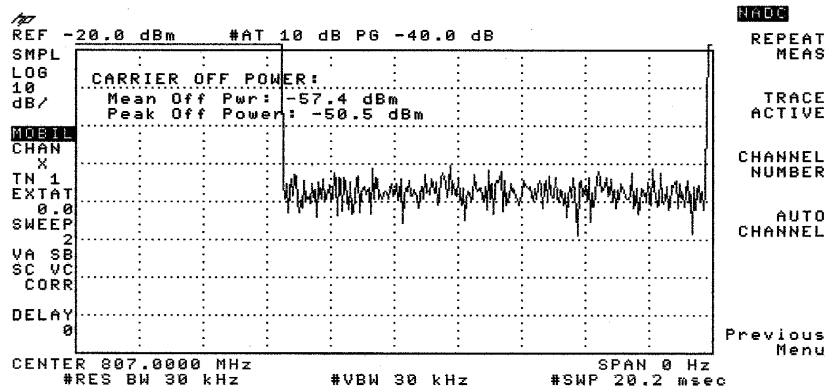
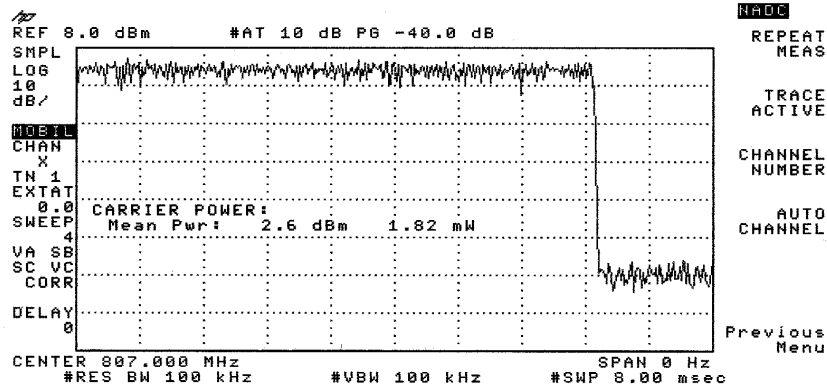
MODULATION ACCURACY: [10 symbol, 10 burst average]			
Measurement complete			
RMS EVM:	3.2	%	
RMS MAG ERR:	0.9	%	
RMS PHASE ERR:	1.7	°	
[single (full) burst measured]:			
ORIGIN OFFSET:	-36.5	dB	
FREQUENCY ERR:	-4.3	Hz	
DROOP (dB/sym):	0.0001		
CHANNEL X	FREQ 815.00 MHz	SYNC WORD 1	
MOBILE	TRIG FRAME		

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DIGITAL DEMODULATOR STATUS:		
MOBILE	FT Acquisition Status (1=OK):	1
BURST	FT Time Record Status:	0
CHANNEL X	FT Acquisition Sync Number:	1
CF 815.00 MHz	FT Acquisition Sync errors:	0
TRIG FRAME	FT Sync Bit Location:	36798
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
DLP REV	IQ Null Count:	1
951021	Low Magnitude Points:	7
DSP FW REV	RMS EVM (%):	1.9
951027	PEAK EVM (%):	7.1
SA FW REV	ORIGIN OFFSET (dB):	-36.4
980615	FREQUENCY ERROR (Hz):	0.8
	DROOP (dB/symbol):	0.0001

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MODULATION ACCURACY: [single burst]			
Measurement complete			
RMS EVM:	2.0	%	
RMS MAG ERR:	1.1	%	
RMS PHASE ERR:	0.9	°	
PEAK EVM:	9.0	%	
ORIGIN OFFSET:	-36.2	dB	
FREQUENCY ERR:	4.4	Hz	
DROOP (dB/sym):	0.0001		
CHANNEL X	FREQ 807.00 MHz	SYNC WORD 1	
MOBILE	TRIG FRAME		

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MODULATION ACCURACY: [10 symbol, 10 burst average]			
Measurement complete			
RMS EVM:	3.2	%	
RMS MAG ERR:	0.8	%	
RMS PHASE ERR:	1.8	°	
[single <full> burst measured]:			
ORIGIN OFFSET:	-37.8	dB	
FREQUENCY ERR:	9.8	Hz	
DROOP (dB/sym):	0.0001		
CHANNEL X	FREQ 807.00 MHz	SYNC WORD 1	
MOBILE	TRIG FRAME		

NADC
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DIGITAL DEMODULATOR STATUS:		
MOBILE	FT Acquisition Status (1=OK):	1
BURST	FT Time Record Status:	0
CHANNEL X	FT Acquisition Sync Number:	1
CF 807.00 MHz	FT Acquisition Sync errors:	0
TRIG FRAME	FT Sync Bit Location:	36798
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
DLP REV	IQ Null Count:	1
961021	Low Magnitude Points:	8
DSP FW REV	RMS EVM (%):	3.2
951027	ORIGIN OFFSET (dB):	-37.8
SA FW REV	FREQUENCY ERROR (Hz):	9.8
980615	DROOP (dB/symbol):	0.0001

NADC
 Modulatin

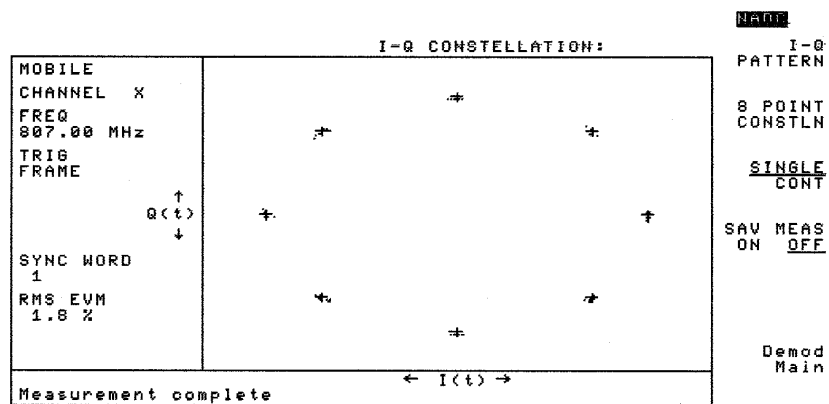
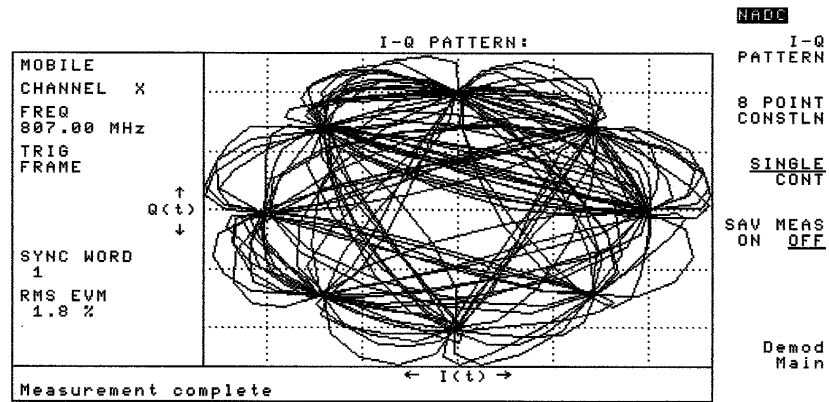
 Graphs

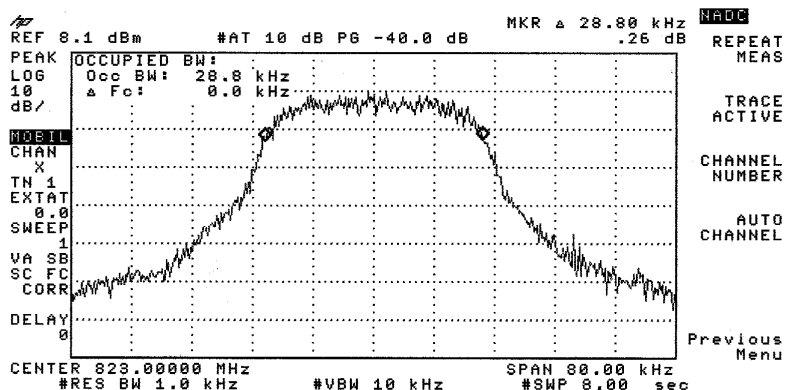
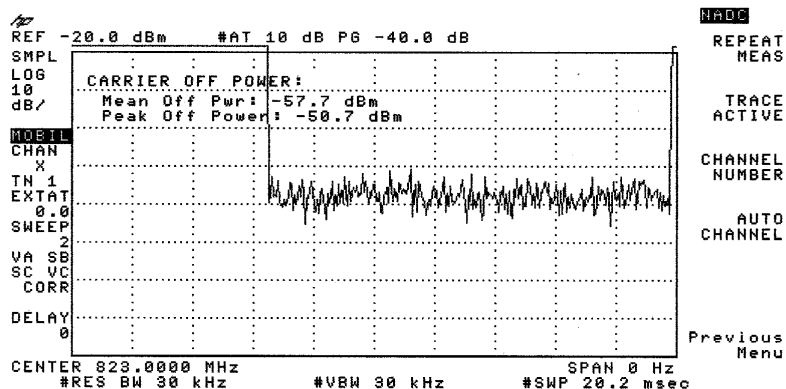
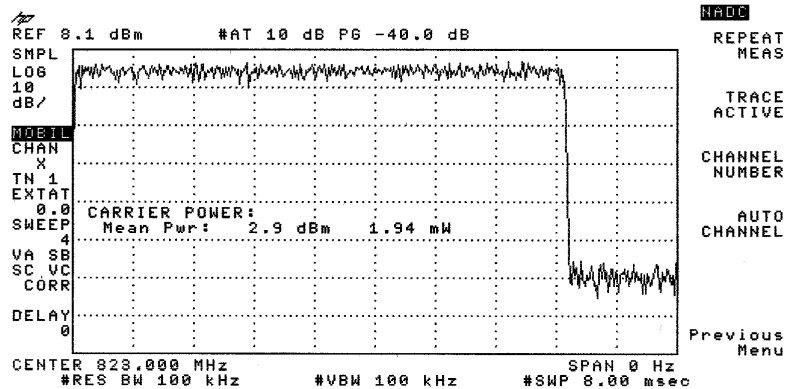
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MODULATION ACCURACY: [single burst]			
Measurement complete			
RMS EVM:		2.4 %	
RMS MAG ERR:		1.1 %	
RMS PHASE ERR:		1.2 °	
PEAK EVM:		7.3 %	
ORIGIN OFFSET:		-36.4 dB	
FREQUENCY ERR:		-1.3 Hz	
DROOP (dB/sym):		-0.0000	
CHANNEL X	FREQ	823.00 MHz	SYNC WORD 1
MOBILE	TRIG	FRAME	

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MODULATION ACCURACY: [10 symbol, 10 burst average]			
Measurement complete			
RMS EVM:		3.1 %	
RMS MAG ERR:		0.8 %	
RMS PHASE ERR:		1.7 °	
[single (full) burst measured]:			
ORIGIN OFFSET:		-37.6 dB	
FREQUENCY ERR:		-7.6 Hz	
DROOP (dB/sym):		0.0000	
CHANNEL X	FREQ	823.00 MHz	SYNC WORD 1
MOBILE	TRIG	FRAME	

NADC
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DIGITAL DEMODULATOR STATUS:		
MOBILE	FT Acquisition Status (1=OK):	1
BURST	FT Time Record Status:	0
CHANNEL X	FT Acquisition Sync Number:	1
CF 823.00 MHz	FT Acquisition Sync errors:	0
	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
961021	IQ Null Count:	1
	Low Magnitude Points:	8
DSP FW REV	RMS EVM (%):	3.1
951027	ORIGIN OFFSET (dB):	-37.6
SA FW REV	FREQUENCY ERROR (Hz):	-7.6
980615	DROOP (dB/symbol):	0.0000

NADC
Modulatn

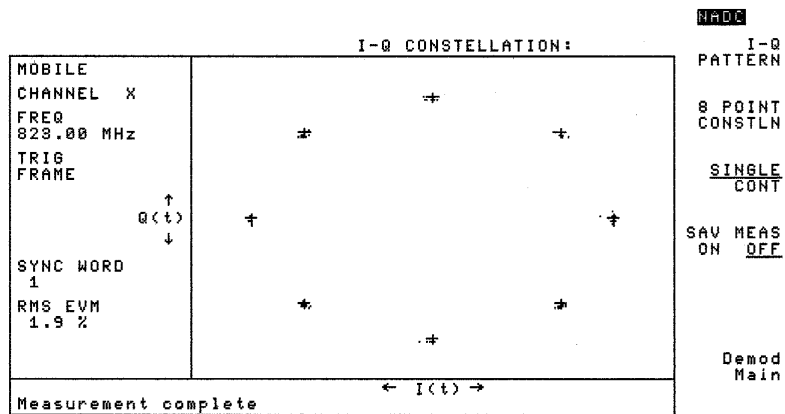
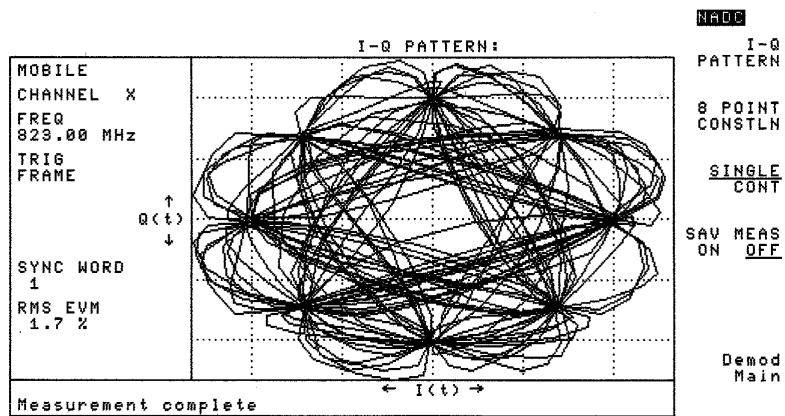
Graphs

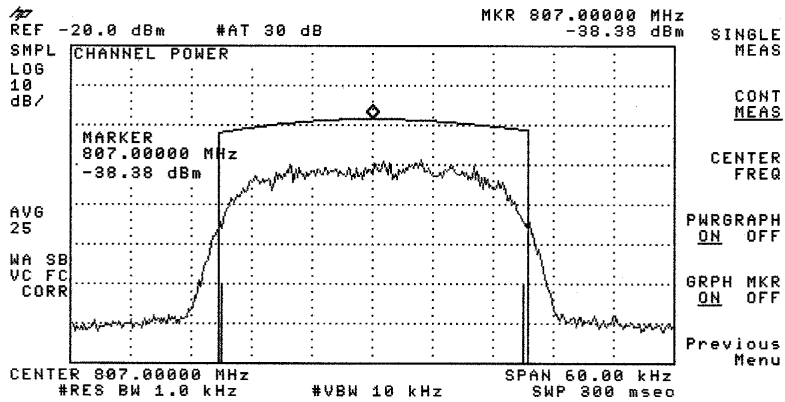
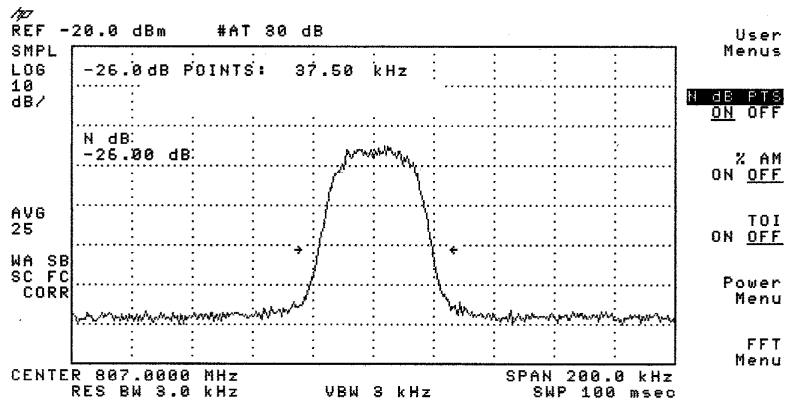
Data

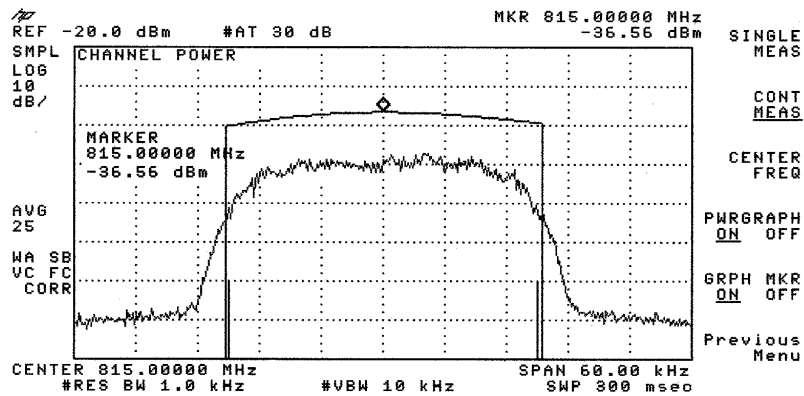
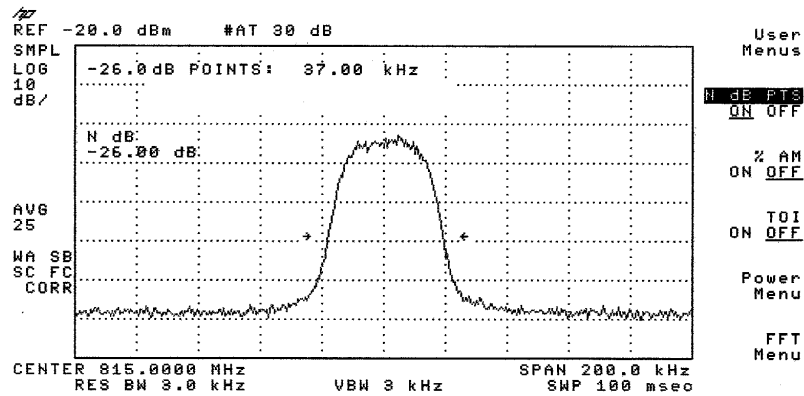
STATUS

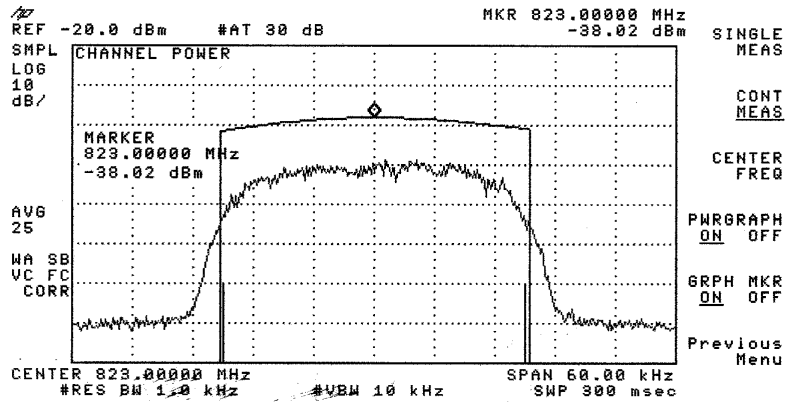
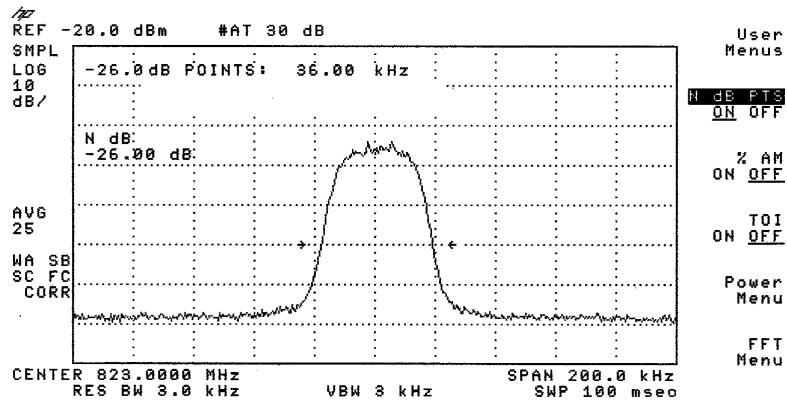
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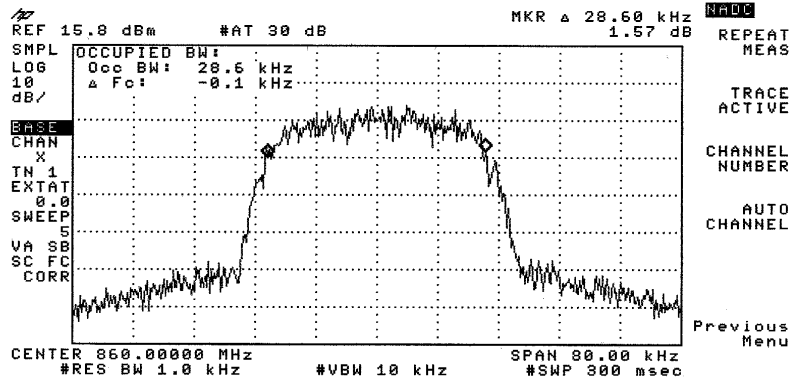
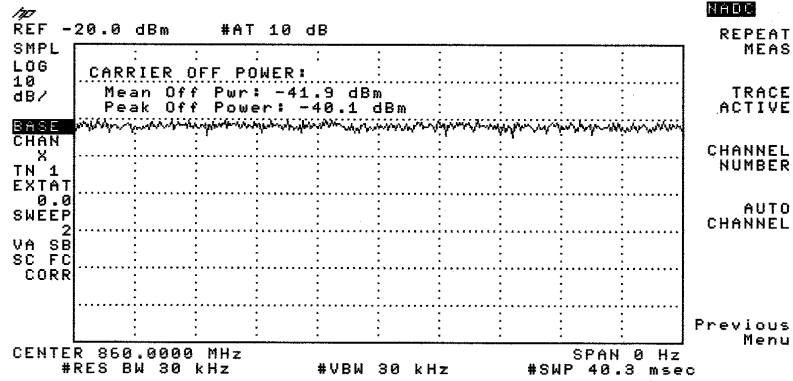
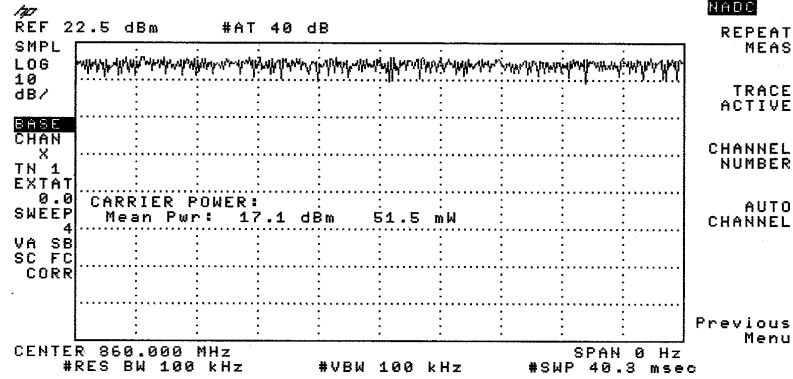








iDEN SMR Downlink



MODULATION ACCURACY: [single timeslot]			
Measurement complete			
RMS EVM:	1.7	%	
RMS MAG ERR:	1.0	%	
RMS PHASE ERR:	0.8	°	
PEAK EVM:	7.2	%	
ORIGIN OFFSET:	-37.2	dB	
FREQUENCY ERR:	6.5	Hz	
DROOP (dB/sym):	0.0000		
CHANNEL X	FREQ 860.00 MHz	SYNC WORD 1	
BASE	TRIG FRAME		

NADC
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STATISTICS for sample of 10 timeslots:				
	Mean	Std dev	Max	Min
RMS EVM (%):	1.8	0.18	2.0	1.4
RMS MAG ERR (%):	0.9	0.04	1.0	0.9
RMS PHASE ERR (°):	0.9	0.12	1.0	0.6
RMS EVM Uncertainty (for N=10)				
Temp. Range 20-30 °C:	2.0 %	> RMS EVM	>	1.1 %
Temp. Range 0-55 °C:	2.0 %	> RMS EVM	>	1.1 %
	Mean			
ORIGIN OFFSET (dB):	-36.7			
FREQUENCY ERROR (Hz):	7.0			
DROOP (dB/symbol):	-0.0001			
CHANNEL X	FREQ 860.00 MHz	SYNC WORD 1		
BASE	TRIG FRAME			

NADC
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DIGITAL DEMODULATOR STATUS:	
BASE	FT Acquisition Status (1=OK): 1
CONT	FT Time Record Status: 0
CHANNEL X	FT Acquisition Sync Number: 1
CF 860.00 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	RMS EVM (%): 1.8
961021	PEAK EVM (%): 7.9
DSP FW REV	ORIGIN OFFSET (dB): -36.7
951027	FREQUENCY ERROR (Hz): 7.0
SA FW REV	DROOP (dB/symbol): -0.0001
980615	

NADC
Modulatn

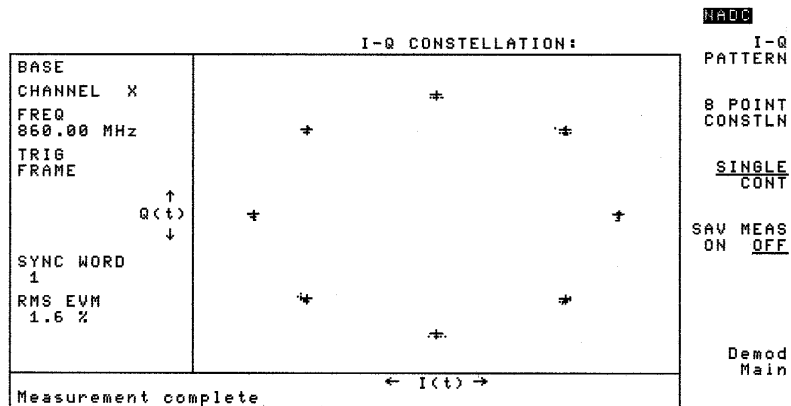
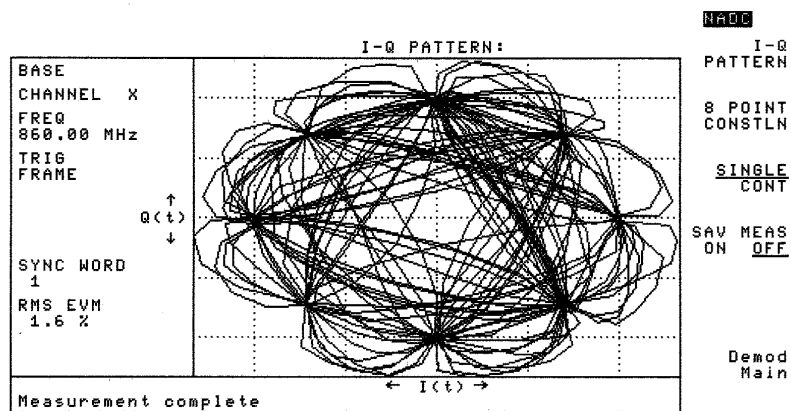
Graphs

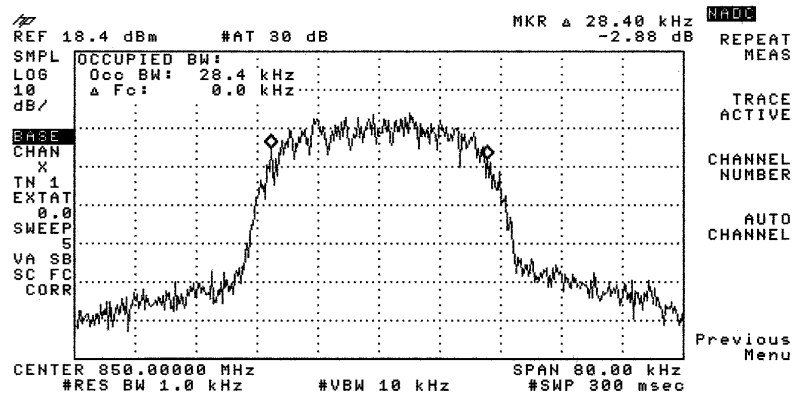
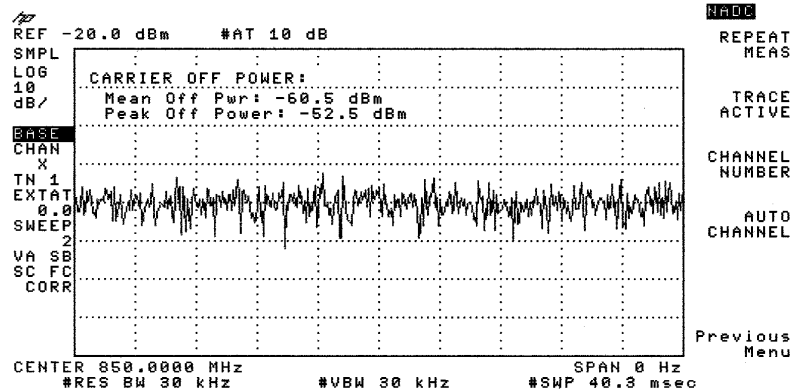
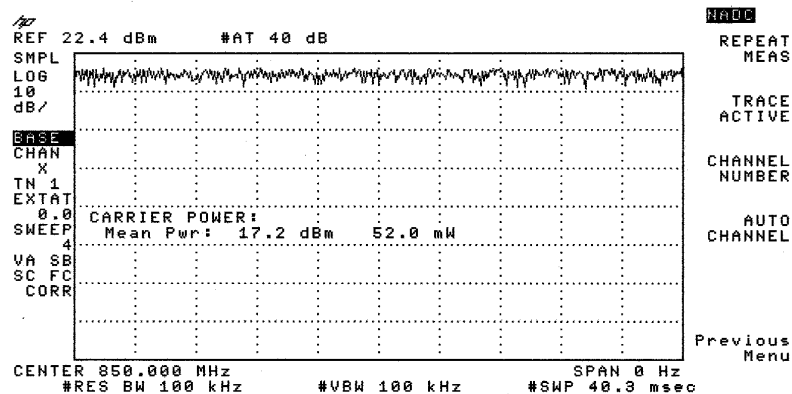
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MODULATION ACCURACY: [single timeslot]			
Measurement complete			
RMS EVM:	1.8	%	
RMS MAG ERR:	1.1	%	
RMS PHASE ERR:	0.8	°	
PEAK EVM:	5.7	%	
ORIGIN OFFSET:	-38.2	dB	
FREQUENCY ERR:	-7.1	Hz	
DROOP (dB/sym):	-0.0003		
CHANNEL X	FREQ 850.00 MHz	SYNC WORD 1	
BASE	TRIG FRAME		

NADC

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STATISTICS for sample of 10 timeslots:				
	Mean	Std dev	Max	Min
RMS EVM (%):	2.0	0.19	2.3	1.7
RMS MAG ERR (%):	1.1	0.05	1.1	1.0
RMS PHASE ERR (°):	0.9	0.13	1.2	0.8
RMS EVM Uncertainty (for N=10)				
Temp. Range 20-30 °C:	2.1 %	>	RMS EVM	> 1.1 %
Temp. Range 0-55 °C:	2.1 %	>	RMS EVM	> 1.1 %
	Mean			
ORIGIN OFFSET (dB):	-37.0			
FREQUENCY ERROR (Hz):	6.7			
DROOP (dB/symbol):	-0.0001			
CHANNEL X	FREQ 850.00 MHz	SYNC WORD 1		
BASE	TRIG FRAME			

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DIGITAL DEMODULATOR STATUS:		
BASE	FT Acquisition Status (1=OK):	1
CONT	FT Time Record Status:	0
CHANNEL X	FT Acquisition Sync Number:	1
CF 850.00 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:	1
DLP REV	RMS EVM (%):	2.0
961021	PEAK EVM (%):	5.9
DSP FW REV	ORIGIN OFFSET (dB):	-37.0
961027	FREQUENCY ERROR (Hz):	6.7
SA FW REV	DROOP (dB/symbol):	-0.0001
980615		

NADC

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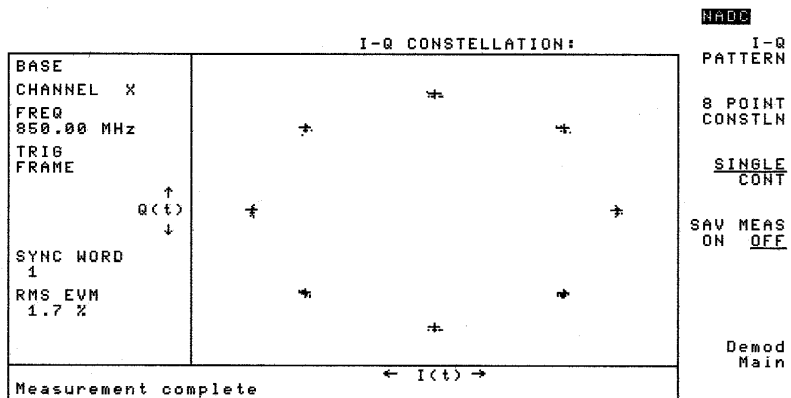
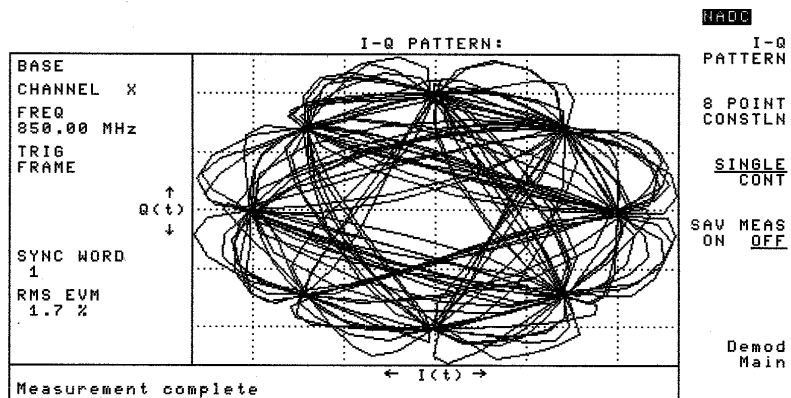
Graphs

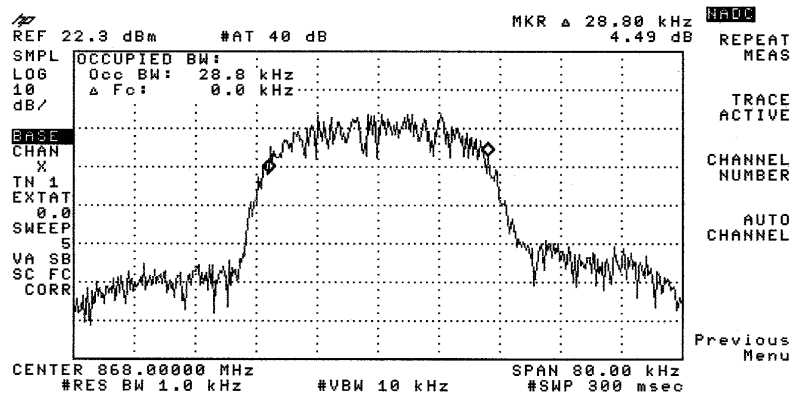
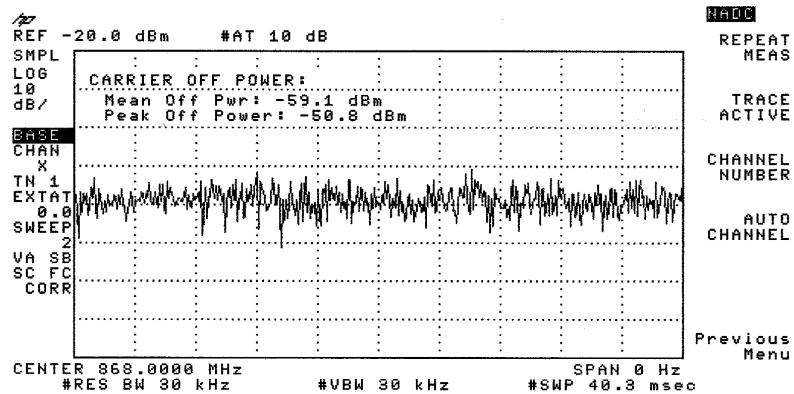
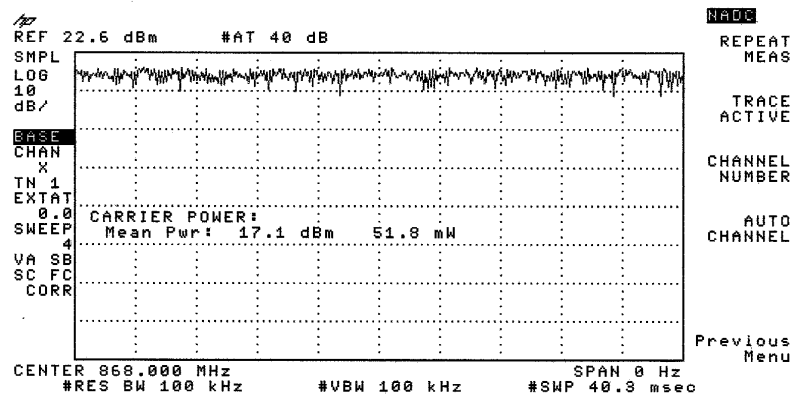
Data

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MODULATION ACCURACY: [single timeslot]			
Measurement complete			
RMS EVM:	2.4	%	
RMS MAG ERR:	1.7	%	
RMS PHASE ERR:	1.0	°	
PEAK EVM:	7.2	%	
ORIGIN OFFSET:	-37.1	dB	
FREQUENCY ERR:	-4.5	Hz	
DROOP (dB/sym):	-0.0002		
CHANNEL X	FREQ 868.00 MHz	SYNC WORD 1	
BASE	TRIG FRAME		

NAOC
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STATISTICS for sample of 10 timeslots:				
	Mean	Std dev	Max	Min
RMS EVM (%):	2.5	0.13	2.7	2.3
RMS MAG ERR (%):	1.7	0.06	1.8	1.6
RMS PHASE ERR (°):	1.1	0.10	1.2	0.9
RMS EVM Uncertainty (for N=10)				
Temp. Range 20-30 °C:	2.7 %	> RMS EVM >	1.8 %	
Temp. Range 0-55 °C:	2.7 %	> RMS EVM >	1.8 %	
Mean				
ORIGIN OFFSET (dB):	-37.2			
FREQUENCY ERROR (Hz):	7.1			
DROOP (dB/symbol):	-0.0002			
CHANNEL X	FREQ 868.00 MHz	SYNC WORD 1		
BASE	TRIG FRAME			

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DIGITAL DEMODULATOR STATUS:		
BASE	FT Acquisition Status (1=OK):	1
CONT	FT Time Record Status:	0
CHANNEL X	FT Acquisition Sync Number:	1
CF 868.00 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
DLP REV	IQ Null Flag:	1
961021	IQ Null Count:	1
	Low Magnitude Points:	0
DSP FW REV	RMS EVM (%):	2.7
951027	PEAK EVM (%):	7.0
	ORIGIN OFFSET (dB):	-36.8
SA FW REV	FREQUENCY ERROR (Hz):	0.2
980615	DROOP (dB/symbol):	-0.0002

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