

Fragata União

Contatos:

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Derrota

Equipamentos

Modem	109.233.41.206	8080 comtech	comtech
Controladora	109.233.41.206	8880 seatel	1234
Modem RAI	10.200.29.92		

Telas de configuração

Modem

CDM-625: Comtech EF Data Modem :: Modem Configuration

Home Admin Configuration Status ODU
Modem LAN Routing WAN Overhead Utilities D&I BUC LNB

Interface / Framing

(Submit Tx and Rx Interface Type and Framing Mode BEFORE setting other configuration parameters.)

Tx Interface Type V35
Tx Framing Mode Unframed

Rx Interface Type V35
Rx Framing Mode Unframed

Submit

Transmit

FEC Type TPC
Modulation Type QPSK
FEC Code Rate 1/2
Data Rate 00512.000 kbps (Synchronous)
Symbol Rate 00536.380 ksp
Frequency 1378.8704 MHz
Spectrum Normal
Scrambler On (Normal)
Power Level 20.0 dBm (minus sign assumed)
Reed-Solomon Encoding Normal
Data Invert Normal
Clock Invert Normal
Ternary Code 8BZS
Carrier ON
POCO Disabled (Use with caution)
Sub-Mux Off
Sub-Mux Ratio 1/9 (IP/Synchronous Data)
Tx Filter Rolloff Factor 0.25

Submit

Receive

FEC Type TPC
Demodulation Type QPSK
FEC Code Rate 3/4
Data Rate 01024.000 kbps (Synchronous)
Symbol Rate 00682.688 ksp
Frequency 1129.8450 MHz
Spectrum Normal
De-Scrambler On (Normal)
Sweep Width 32 kHz (+/-)
Reed-Solomon Decoding Normal
Data Invert Normal
Clock Invert Normal
Ternary Code 8BZS
Eb/No Alarm Pt 00.1 dB
Receive Equalizer Disabled
Sub-Mux Off
Sub-Mux Ratio 1/9 (IP/Synchronous Data)

Submit

Carrier-in-Carrier (CnC)

Mode OFF
Search Delay Range N/A N/A ms (min/max)
Freq Offset Range N/A kHz (+/-)
PMSI mode Idle

Submit

ACM

Minimum ModCod ModCod 0 - BPSK 0.488
Maximum ModCod ModCod 11 - 16-QAM 0.853
When distant end demod loses lock Go to min Tx ModCod
Target Eb/No Margin 1.0 dB

Submit

Controladora

DAC Parameters Page 1

Port Settings
Parameters 1

Elevation Trim : -0001
Elevaton Step Size : 000

Azimuth Trim : -0037
Azimuth Step Size : 000

Parameters 2 PCU Parameters Favorites Status Home	Parameters 2	
	AUTO threshold :	099
	Search Increment :	015
	Search Limit :	100
	Search Delay :	010
	System Type :	007
	<input type="checkbox"/> Modem Lock = HI	
	<input type="checkbox"/> LNB voltage on	
	<input type="checkbox"/> Relative Display	
	<input type="checkbox"/> Block out = HI	
System Features :		
<input type="checkbox"/> Reverse Tx Pol 2/4		
<input checked="" type="checkbox"/> SAT load after SEARCH		
<input checked="" type="checkbox"/> External Modem Lock		
<input checked="" type="checkbox"/> SAT load on RESET		
Tracking Display :		130 - Xp/Cp Quad Band
Reload		
Save		
Attention, "Save" will write all DAC parameters to FLASH.		Submit

DAC Parameters Page 2

Port Settings Parameters 1 Parameters 2 PCU Parameters Favorites Status Home	Satellite :		063.0	W	
	Frequency MHz :		1129		
	KHz :		0645		
	Tone :		ON		
	Volt :		VERT 13V		
	FEC :		SCPC		
	Sat Skew :		000		
	Target NID :		0000		
	Band :		Xp B2		
	Tx Polarity :		004		
Az Limit 1 :		0000			
Az Limit 2 :		0000			
El Limit 12 :		900			
Az Limit 3 :		0000			
Az Limit 4 :		0000			
El Limit 34 :		900			
Az Limit 5 :		0000			
Az Limit 6 :		0000			
El Limit 56 :		900			
Reload					
Save					
Attention, "Save" will write all DAC parameters to FLASH		Submit			

PCU Parameters

Port Settings Parameters 1 Parameters 2 PCU Parameters Favorites Status Home	Pedestal Type :		004
	LV Loop Gain :		020
	CL Tilt Trim :		245
	Home Flag Trim :		000
	Scan Rate :		016
	System ID :		010
	CL Loop Gain :		040
	AZ Loop Gain :		020
	LV Tilt Trim :		000
	Dishscan Setup :		026
Error Flags :		000	
Use the M&C Ports to change these values.			
Reload			

	DAC Remp	
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