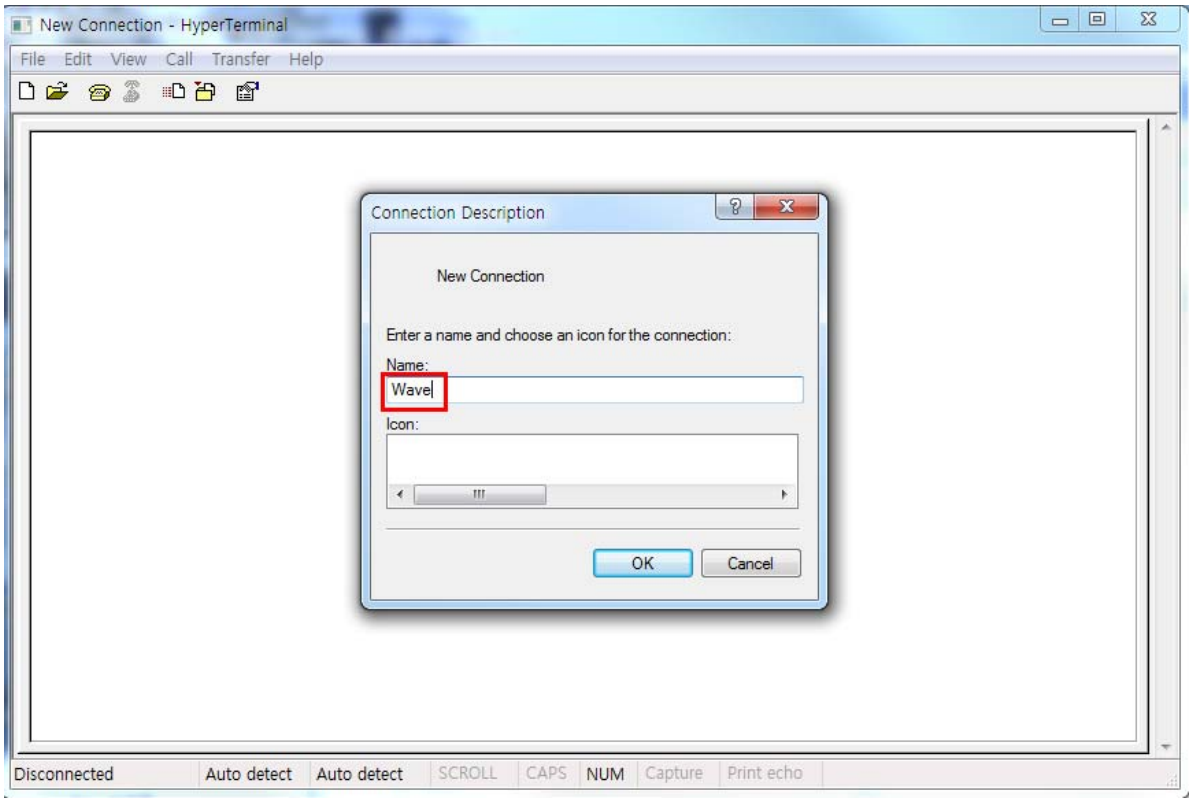
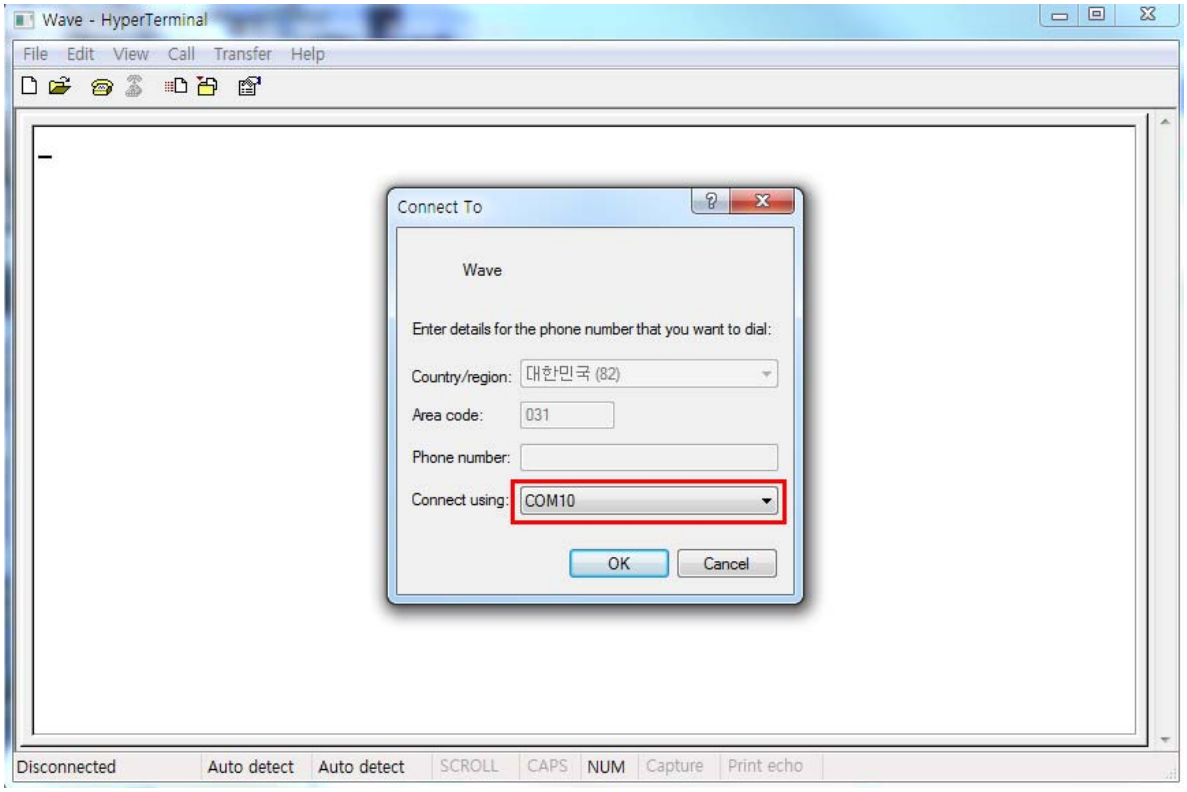
WAVE RSE EEPROM Setting

1. Terminal Access

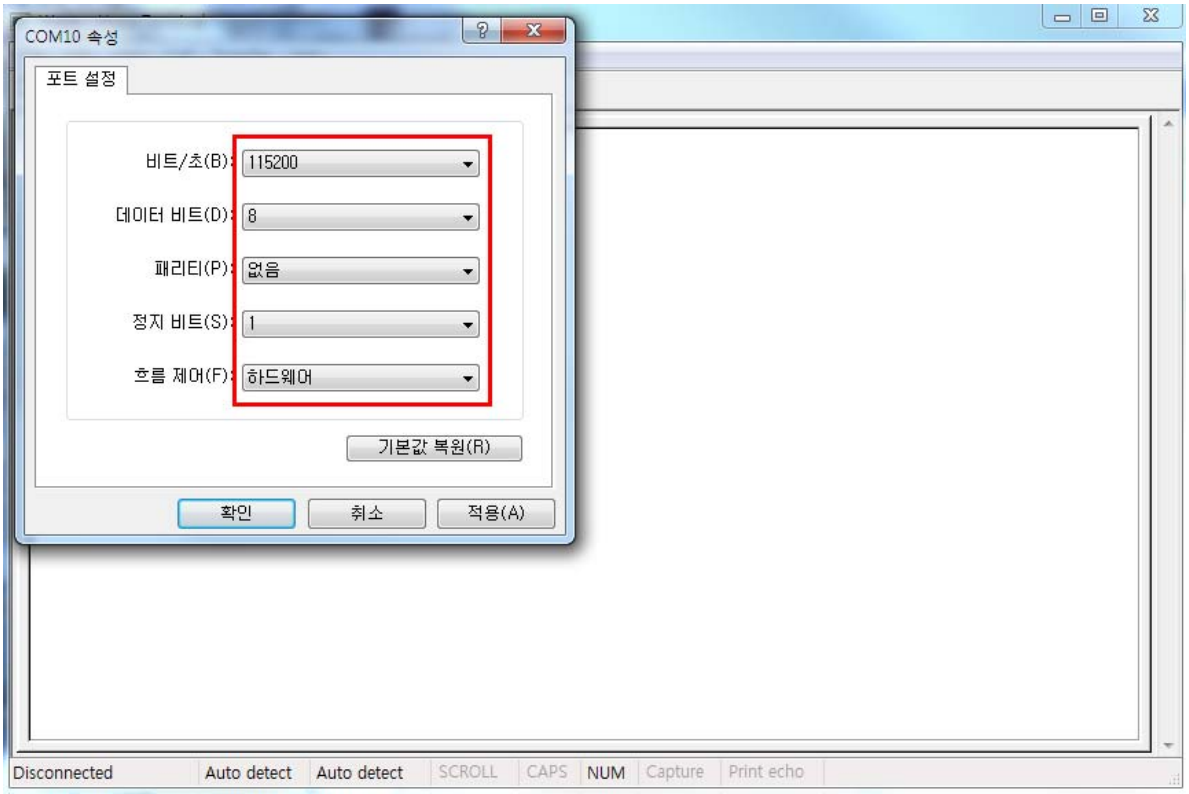
1.1 Connect the notebook with the RSE using USB to Serial cable and execute HyperTerminal program.



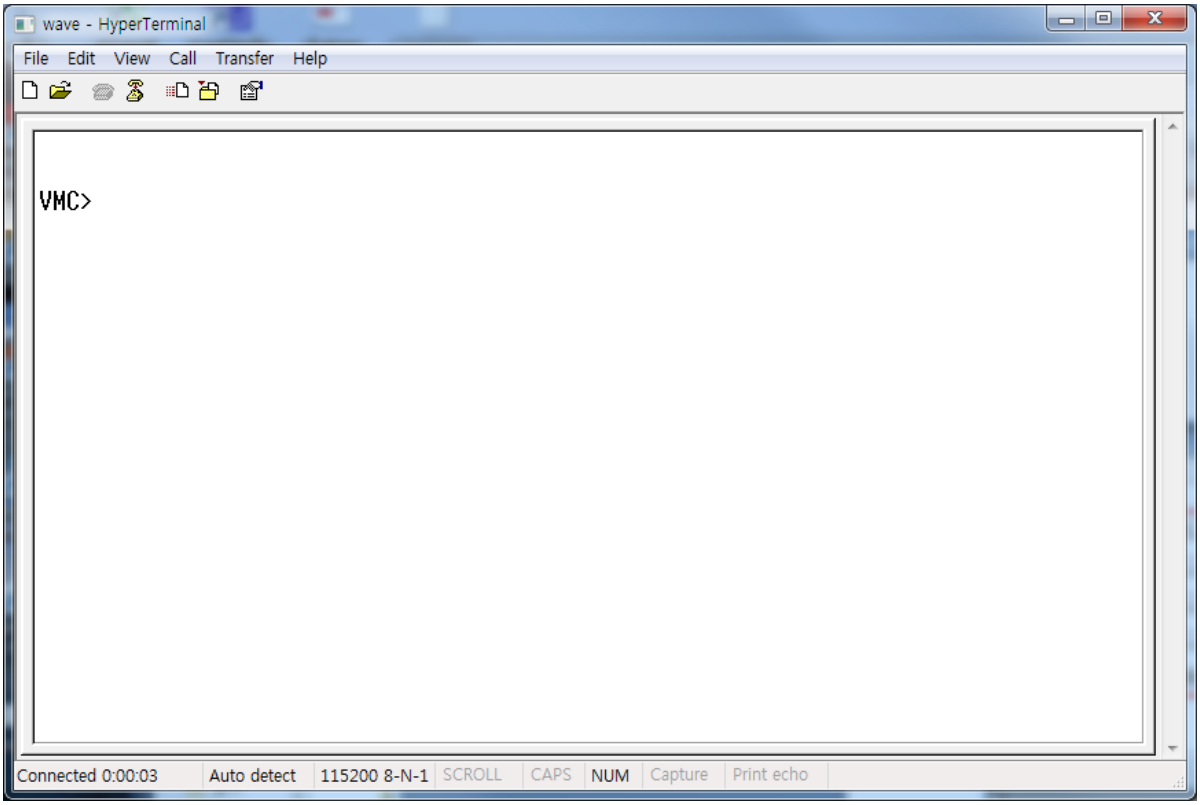
1.2 Setting up COM Port



1.3 Port Setting

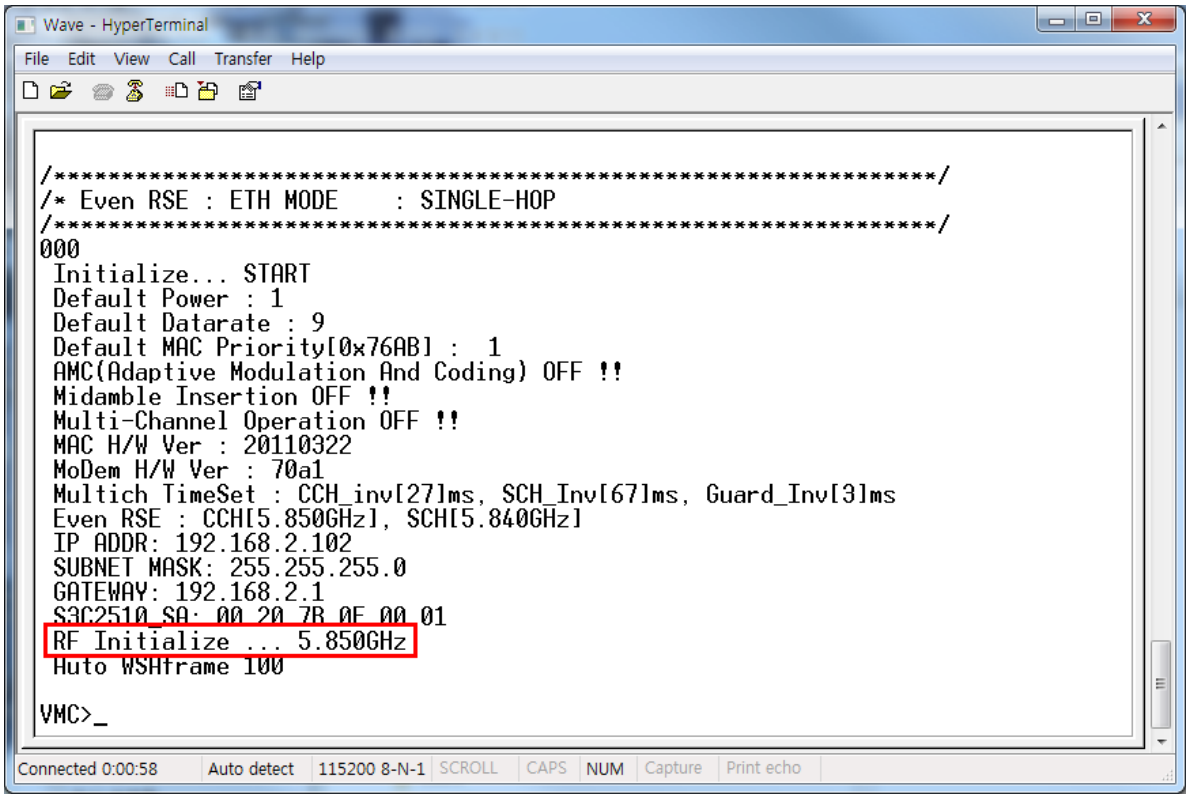


1.4 Hit the "Enter" key to show " VMC>" , which means ready.



2. Frequency Change

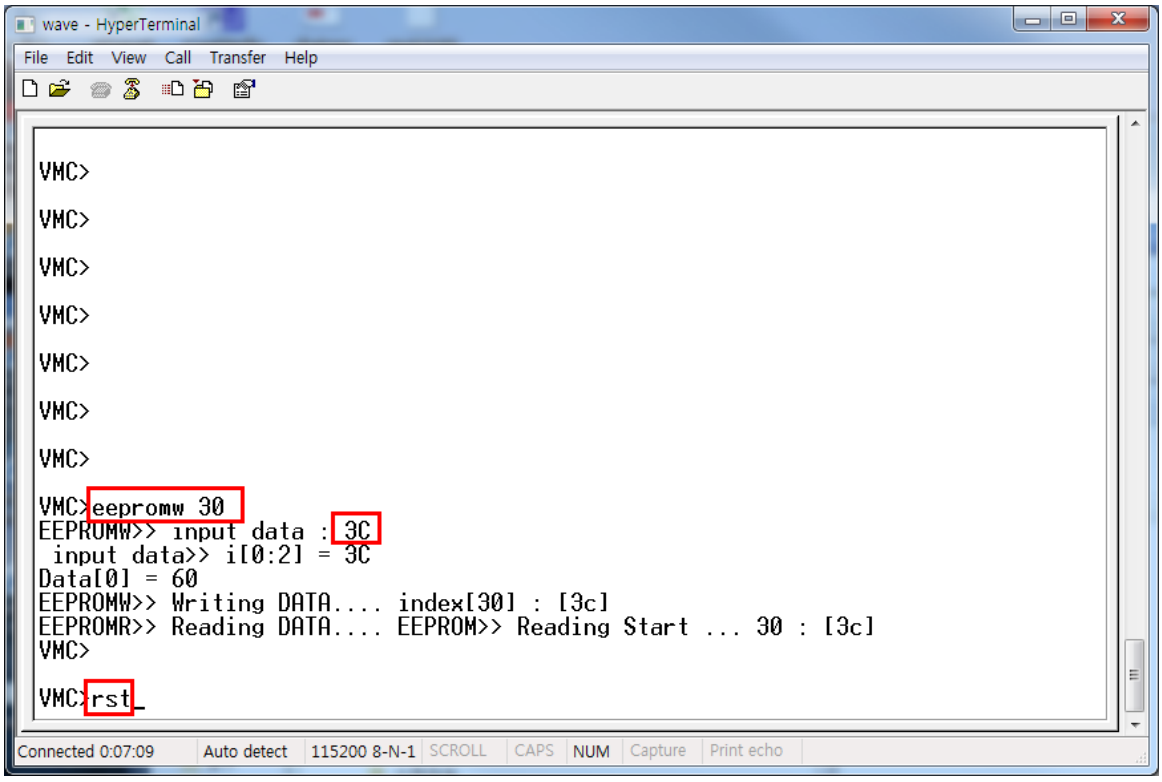
2.1 Verify Frequency



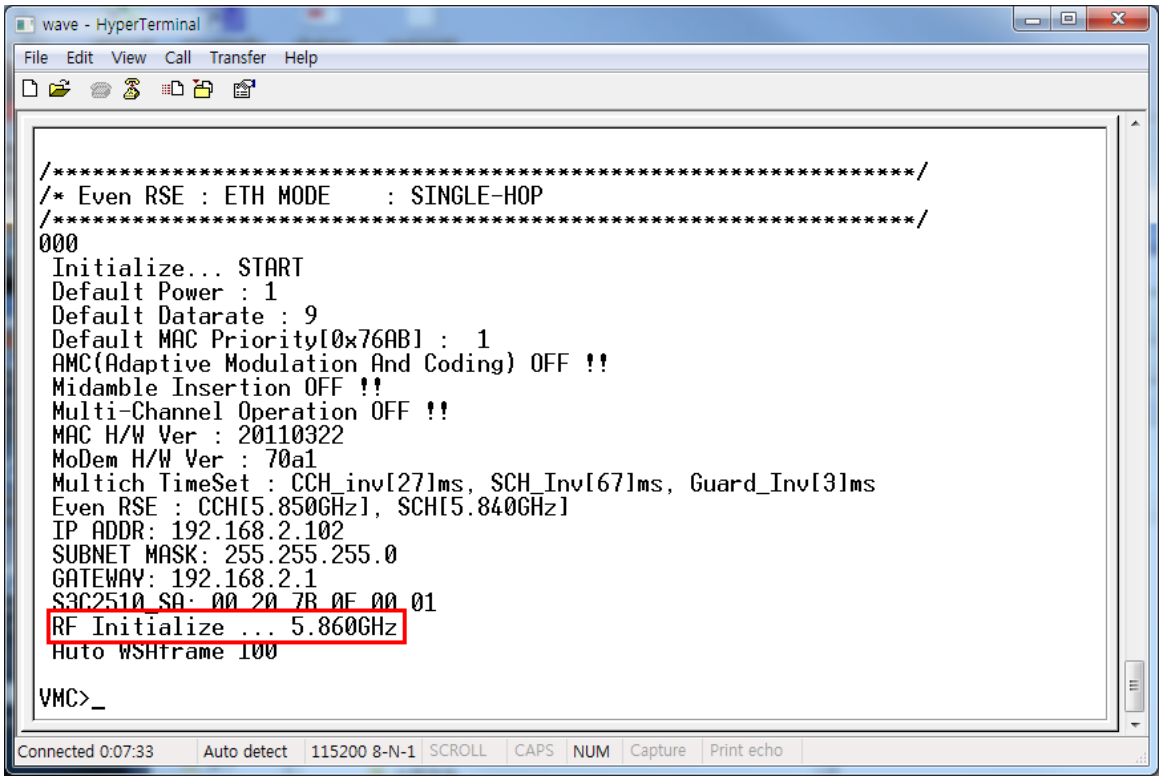
2.2 Frequency Change

Change EEPROM address 30 using the command "eepromw", here to 5.860. Ex) 5.840=0x28, 5.850=0x32, 5.860=0x3C, 5.870=0x46, 5.880=0x50 ... Refer to the details in the EEPROM MAP on the last ending page.

After changing the value, reboot the system using the command "rst".

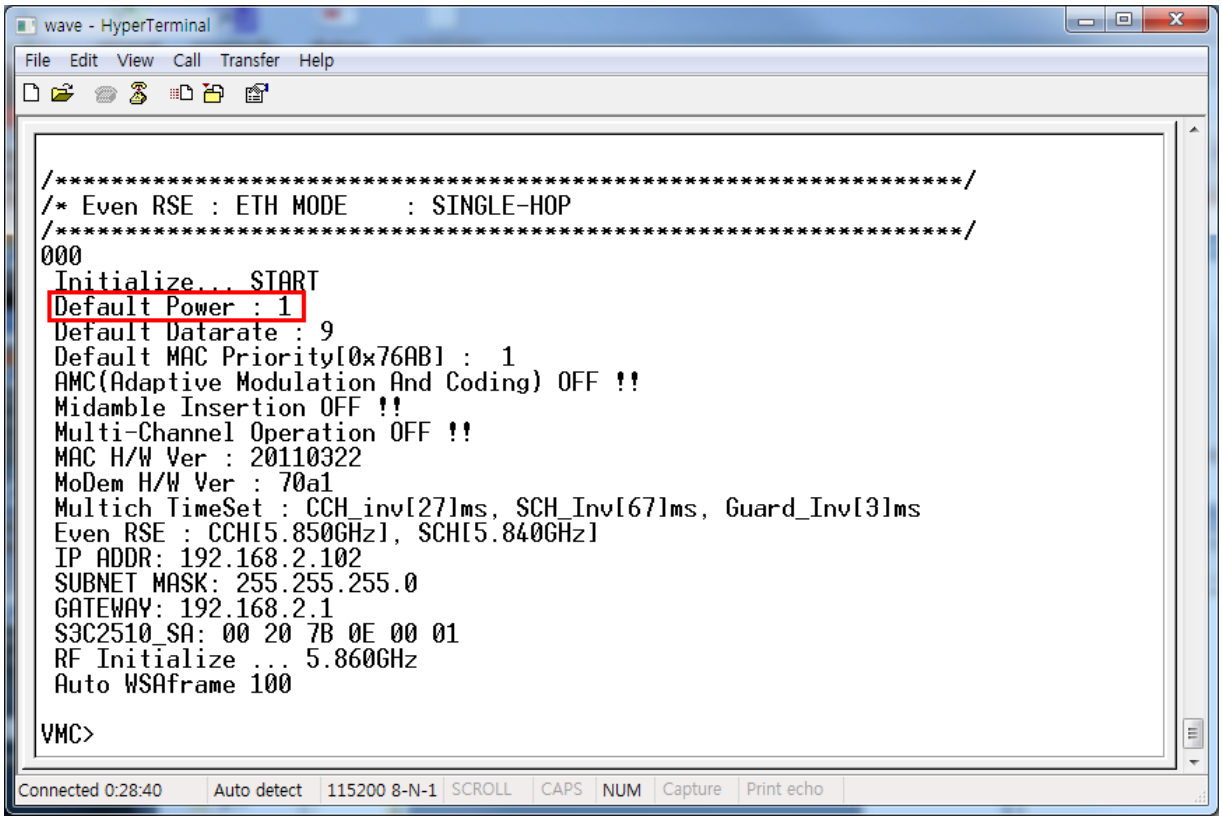


2.3 Verify Frequency Change



3. Power Change

3.1 Verify the power

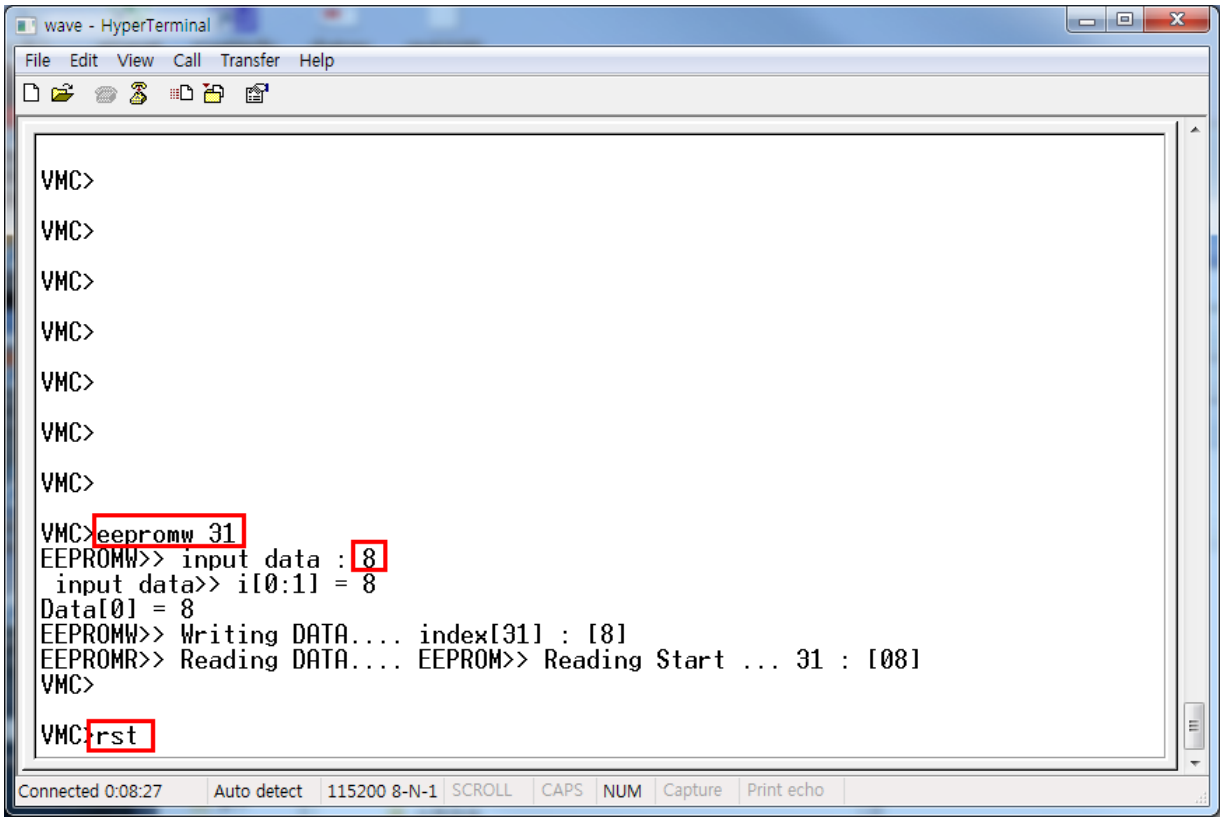


3.2 Power Change

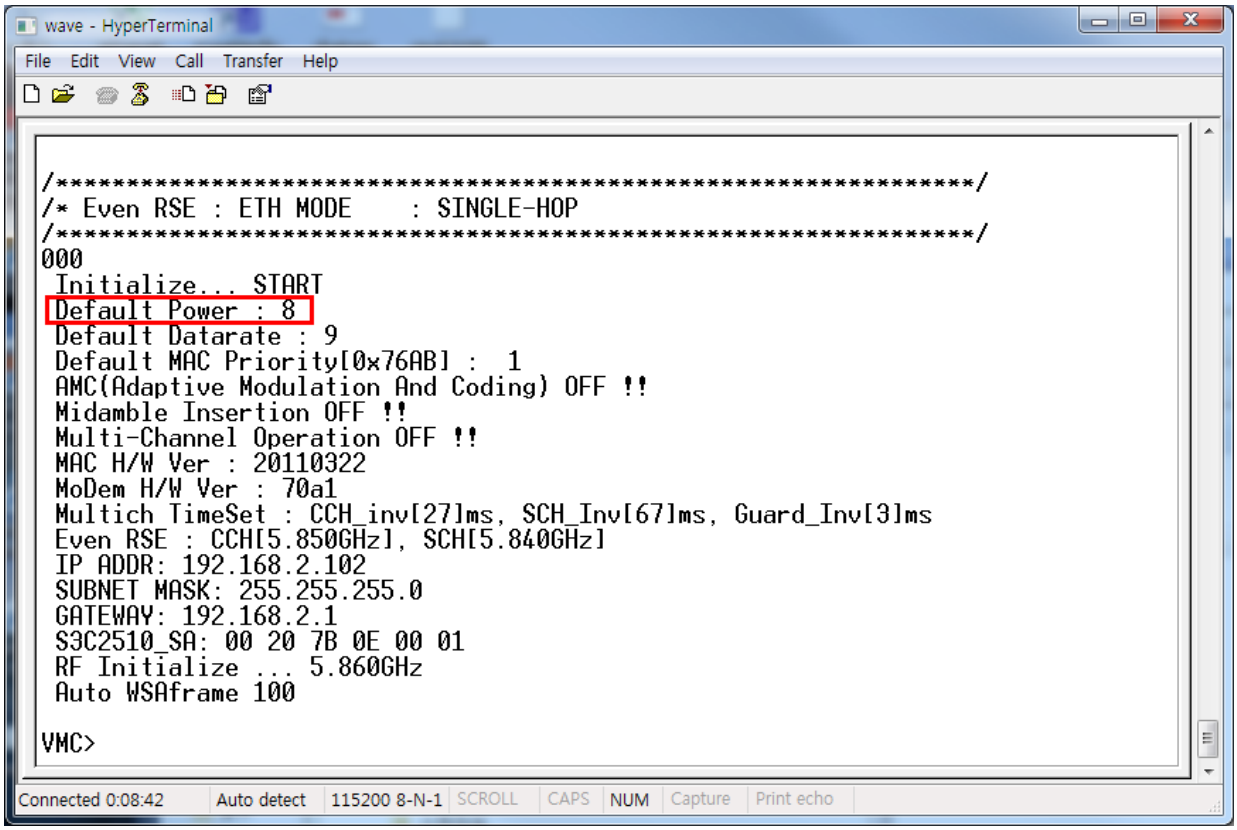
Change the EEPROM address 31 using the command “eepromw”, here to 8.

Ex) 1~8 Refer to the details in the EEPROM MAP on the last ending page.

After changing the value, reboot the system using the command “rst”.



3.3 Verify Power Change



EEPROM MAP

EEPROM MAP												
offset:	10											
	VMC Src MAC Addr											
Octets:	6											
offset:	16	17										
	Ethernet PHY Address											
Octets:												
	01=0x01	02=0x02										
offset:	18				22				26			
	RSE IP Addr				RSE Subnet Mask				RSE Gateway Addr			
Octets:					FF	FF	FF	0				
	129=0x81	254=0xFE	81=0x51	162=0xA2	255=0xFF	255=0xFF	255=0xFF	0	129=0x81	254=0xFE	81=0x51	0x01
	129=0x81	254=0xFE	94=0x5E	64=0x40	255=0xFF	255=0xFF	255=0xFF	0	129=0x81	254=0xFE	94=0x5E	0x01
offset:	30	31	32	33	34	35	36	37	38			
	default frequency	default power	Datarate	WSA Auto	MAC Priority	AMC Auto	Midamble Auto	Multich Auto	Alarm Auto			
Octets:	1	1	1	1	1	1	1	1	1			
default frequency	5.840=0x28, 5.850=0x32, 5.860=0x3C, 5.870=0x46, 5.880=0x50						default power	1~8	MAC Priority	1~8	Midamble Auto	ON: 0x01 OFF:ELSE
default datarate	3 = 0x03 4.5 =0x04	6 = 0x06 9 = 0x09	12=0x0C 18=0x12	24=0x18 27=0x1B			WSA Auto	ON: 0x01 OFF:ELSE	AMC Auto	ON: 0x01 OFF:ELSE	Multich Auto	ON: 0x01 OFF:ELSE
offset:	40	41	42									
	OP_Mode: evenRSE(0x00)/ oddRSE(0x10)/ OBE(0x20)	USB_OBE =0x01	Multihop_ ON=0x01									
Octets:	1	1	1									