

Kontrol af sende / modtage styrke

I nedenstående screenshots kan du se hvordan du tjekker sende/modtage styrke.

1. Etabler forbindelse til IC boksen via programmeringskabel, og åben status billedet.
2. Når du står i status billedet så klik på "Interface controller 1" så den er markeret – nedenunder kan du nu se status for enheden – nederst i billedet.

Billede 1:

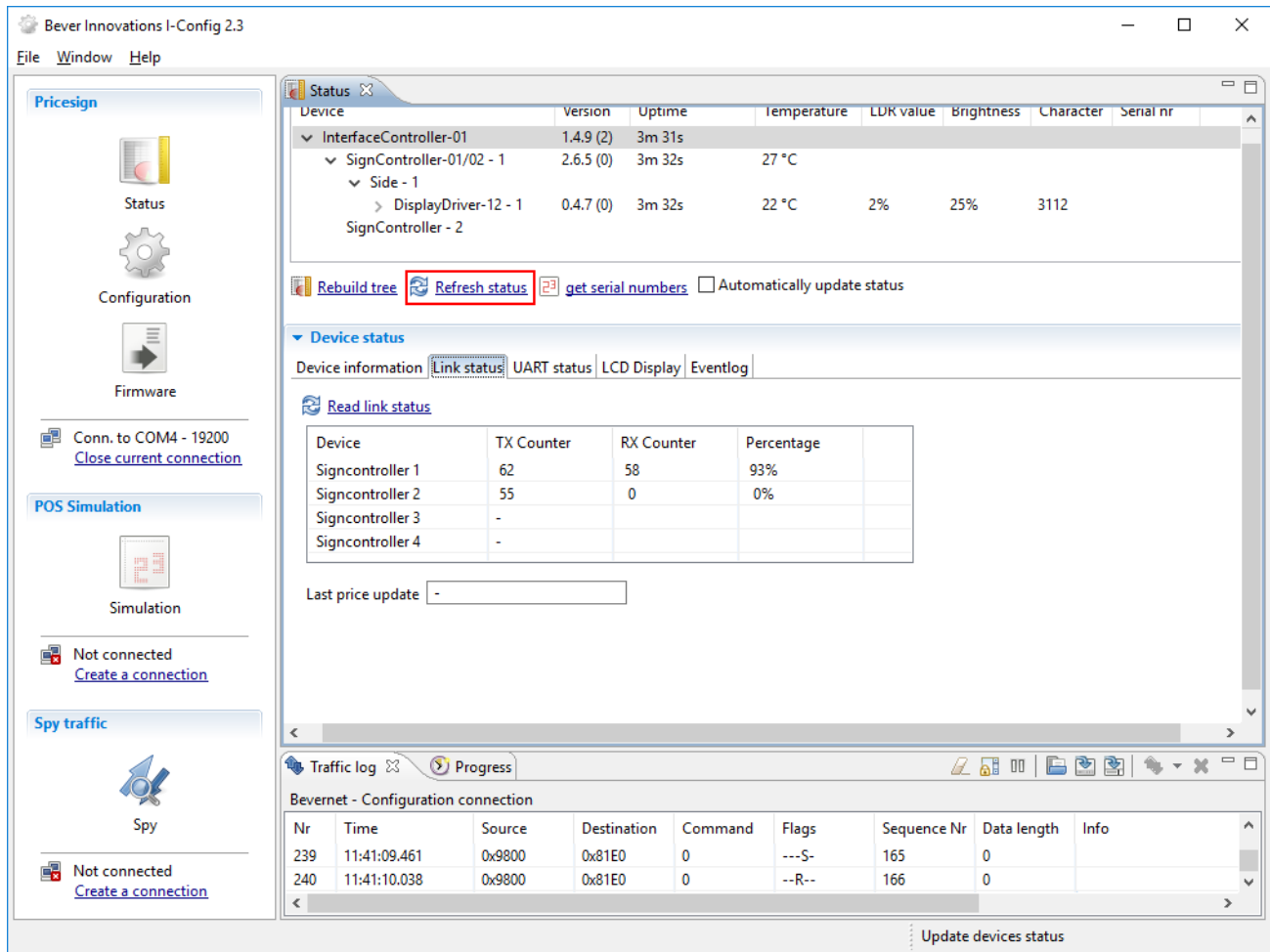
The screenshot shows the Bever Innovations I-Config 2.3 software interface. The main window displays a table of device status information. The 'InterfaceController-01' is selected and highlighted in blue. Below the table, there are buttons for 'Rebuild tree', 'Refresh status', 'get serial numbers', and 'Automatically update status'. A 'Device status' button is also visible. At the bottom, a 'Traffic log' window shows a table of communication events.

Device	Version	Uptime	Temperature	LDR value	Brightness	Character	Serial nr
InterfaceController-01	1.4.9 (2)	1m 57s					
SignController-01/02 - 1	2.6.5 (0)	1m 57s	27 °C				
Side - 1							
DisplayDriver-12 - 1	0.4.7 (0)	1m 58s	22 °C	2%	25%	3112	
SignController - 2							

Nr	Time	Source	Destination	Command	Flags	Sequence Nr	Data length	Info
137	11:39:35.365	0x9800	0x81E0	0	---S-	93	0	
138	11:39:35.943	0x9800	0x81E0	0	--R--	94	0	

1. Tryk nu på "Device Status" – så får du flere muligheder frem – se billede 2.
2. Klik nu på fanen "Link status" for at se aktuel sende/modtage styrke.
3. Du kan nu justere antennernes placering – bemærk det kan tage lidt tid for før dette registreres, så vent gerne 1 minut før du trykker opdater(Refresh).
4. Hvis forbindelsen er så dårlig før justering at der ingen forbindelse er, så vil refresh ikke hjælpe – så skal du istedet trykke "rebuild tree" – derved søger enhederne efter hinanden igen.
5. Som udgangspunkt skal forbindelsen altid være mindst 75% eller højere – og generelt bør antennerne altid have direkte sigtelinje hvis muligt.

Billede 2.



The screenshot shows the Bever Innovations I-Config 2.3 software interface. The main window displays the status of various devices connected to the system. The 'Status' window is open, showing a tree view of devices and their properties. The 'Device status' section is active, showing a table of link status data for four signcontrollers. The 'Refresh status' button is highlighted with a red box. The 'Traffic log' window at the bottom shows a list of network events.

Device	Version	Uptime	Temperature	LDK value	Brightness	Character	Serial nr
InterfaceController-01	1.4.9 (2)	3m 31s					
SignController-01/02 - 1	2.6.5 (0)	3m 32s	27 °C				
Side - 1							
DisplayDriver-12 - 1	0.4.7 (0)	3m 32s	22 °C	2%	25%	3112	
SignController - 2							

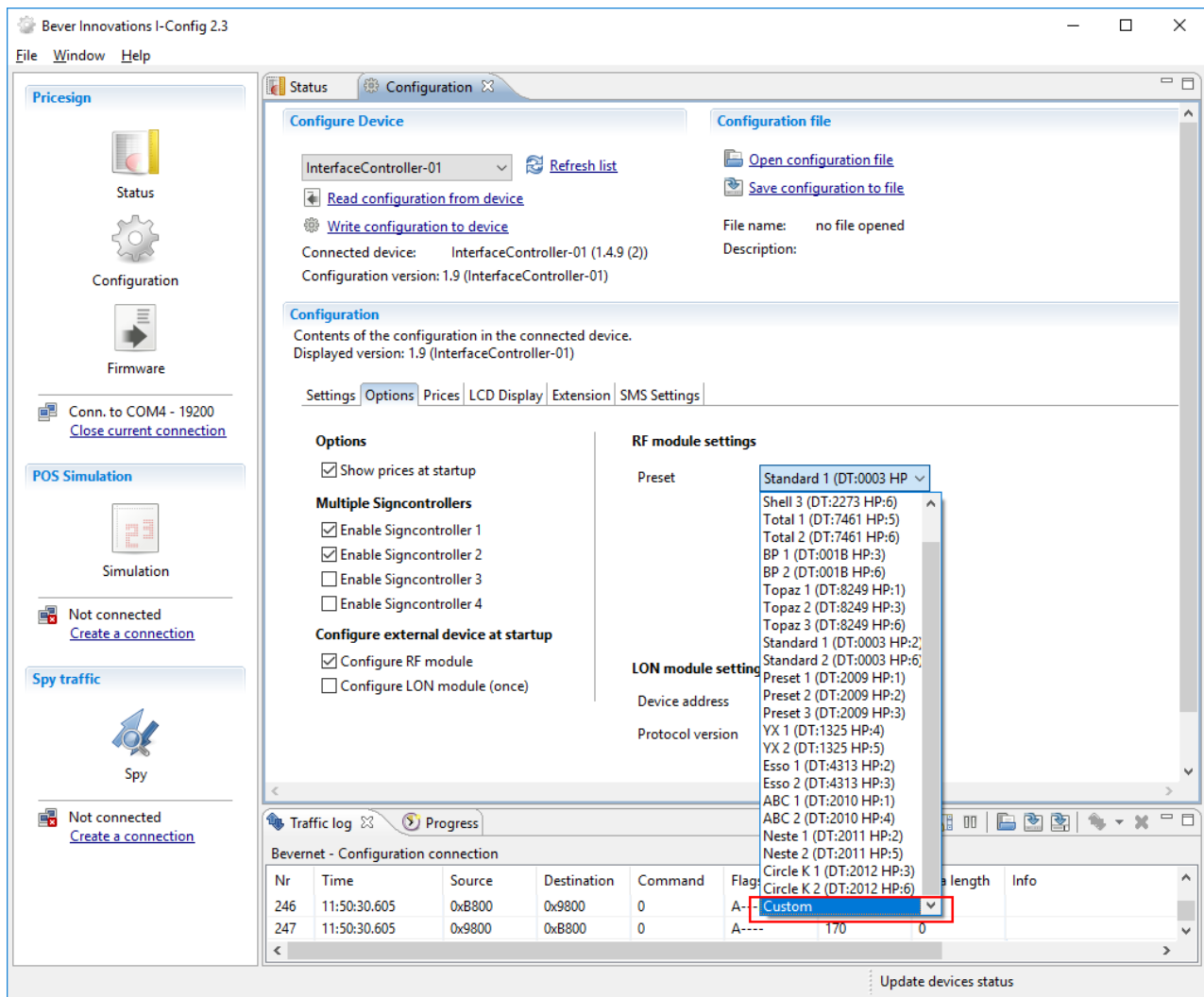
Device	TX Counter	RX Counter	Percentage
Signcontroller 1	62	58	93%
Signcontroller 2	55	0	0%
Signcontroller 3	-	-	-
Signcontroller 4	-	-	-

Nr	Time	Source	Destination	Command	Flags	Sequence Nr	Data length	Info
239	11:41:09.461	0x9800	0x81E0	0	---S-	165	0	
240	11:41:10.038	0x9800	0x81E0	0	--R--	166	0	

Justering af sendestyrke.

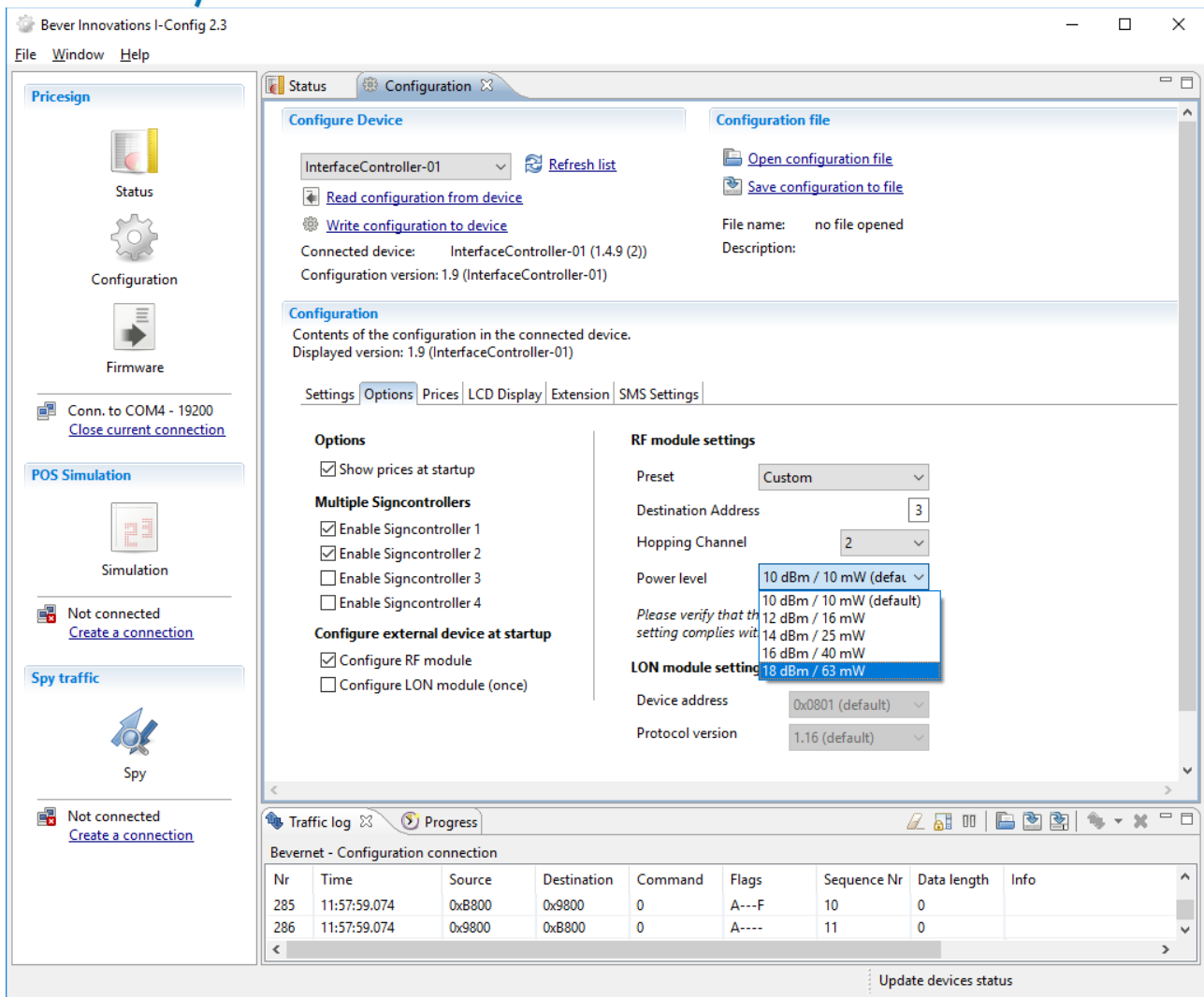
Må kun gøres hvis der er problemer med signal styrke.

1. Opret forbindelse til IC boksen fra laptop via prog kabel – og åben configurations vindue.
2. Du skal sikre dig at IC (Interface Controller-01) er valgt i rullemenu – og herefter vælger du fanen "Options"
3. I højre side under "RF module settings" åben rullemenu og gå helt ned i bunden – vælg "Custom".
4. Du har nu flere valgmuligheder for at justere sendestyrke – fra 10mW op til 63mW.
5. Efter at have valgt sendestyrke tryk " Write configuration to device". Nu kan du efterfølgende aflæse aktuel konfiguration (Read configuration from device) og bekræfte at ændringen er trådt i kraft. Bemærk at rullemenuen ikke viser "Custom" – det er først når du vælger denne at du kan se hvilken sendestyrke der er valgt.
6. Sendestyrken kan ændres på same made I Signcontrolleren, men her skal du vælge fanen "Adressing" for at finde RF settings – se billed nedenfor.



The screenshot shows the Bever Innovations I-Config 2.3 software interface. The main window is titled "Configure Device" and shows the configuration for "InterfaceController-01". The "Options" tab is selected, and the "RF module settings" section is visible. A dropdown menu is open, showing a list of presets including "Standard 1 (DT:0003 HP:2)", "Standard 2 (DT:0003 HP:6)", "Preset 1 (DT:2009 HP:1)", "Preset 2 (DT:2009 HP:2)", "Preset 3 (DT:2009 HP:3)", "YX 1 (DT:1325 HP:4)", "YX 2 (DT:1325 HP:5)", "Esso 1 (DT:4313 HP:2)", "Esso 2 (DT:4313 HP:3)", "ABC 1 (DT:2010 HP:1)", "ABC 2 (DT:2010 HP:4)", "Neste 1 (DT:2011 HP:2)", "Neste 2 (DT:2011 HP:5)", "Circle K 1 (DT:2012 HP:3)", "Circle K 2 (DT:2012 HP:6)", and "Custom". The "Custom" option is highlighted with a red box. Below the configuration window, a "Traffic log" table is visible, showing communication between the device and the PC.

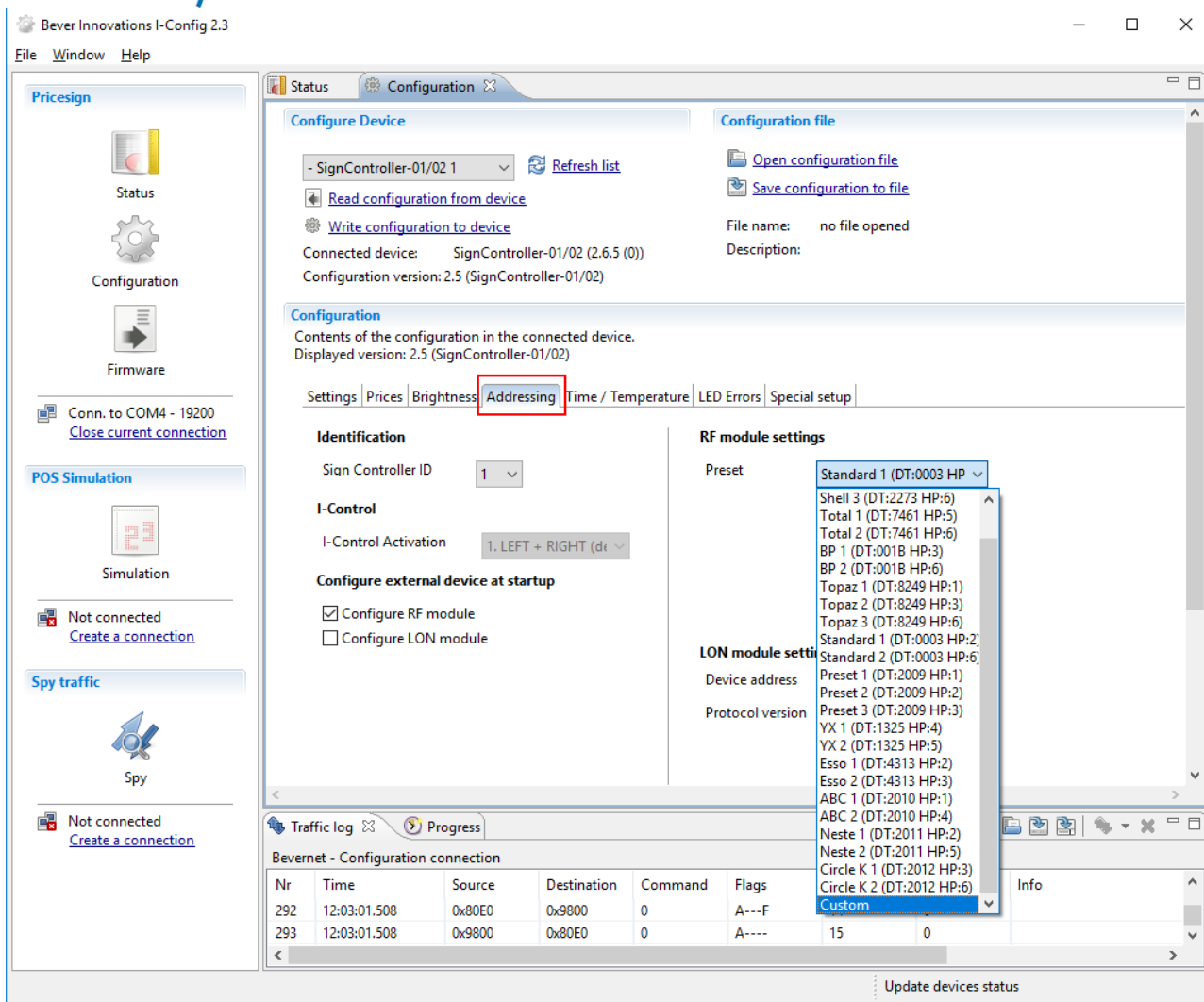
Nr	Time	Source	Destination	Command	Flags	Length	Info
246	11:50:30.605	0xB800	0x9800	0	A-	170	
247	11:50:30.605	0x9800	0xB800	0	A---		



The screenshot shows the 'Configuration' window of the Bever Innovations I-Config 2.3 software. The interface is divided into several sections:

- Left Panel:** Contains navigation icons for 'Status', 'Configuration', and 'Firmware'. Below these are connection status indicators for 'Conn. to COM4 - 19200' and 'POS Simulation' (Not connected), and a 'Spy traffic' section (Not connected).
- Configure Device:** Shows the selected device as 'InterfaceController-01' with a 'Refresh list' button. It includes actions like 'Read configuration from device', 'Write configuration to device', and displays 'Connected device: InterfaceController-01 (1.4.9 (2))' and 'Configuration version: 1.9 (InterfaceController-01)'.
- Configuration file:** Includes buttons for 'Open configuration file' and 'Save configuration to file'. It shows 'File name: no file opened' and 'Description:'.
- Configuration:** A tabbed interface with 'Options' selected. It contains:
 - Options:** A checked checkbox for 'Show prices at startup'.
 - Multiple Signcontrollers:** Four checkboxes for 'Enable Signcontroller 1' through '4', all of which are checked.
 - Configure external device at startup:** Two checkboxes for 'Configure RF module' (checked) and 'Configure LON module (once)' (unchecked).
 - RF module settings:** Includes a 'Preset' dropdown set to 'Custom', 'Destination Address' (3), 'Hopping Channel' (2), and a 'Power level' dropdown menu. The dropdown menu is open, showing options: '10 dBm / 10 mW (default)', '10 dBm / 10 mW (defal', '12 dBm / 16 mW', '14 dBm / 25 mW', '16 dBm / 40 mW', and '18 dBm / 63 mW'. A note below reads 'Please verify that the setting complies with...'. Below this are 'LON module settings' for 'Device address' (0x0801 (default)) and 'Protocol version' (1.16 (default)).
- Traffic log:** A table showing configuration connection data. The table has columns: Nr, Time, Source, Destination, Command, Flags, Sequence Nr, Data length, and Info.

Nr	Time	Source	Destination	Command	Flags	Sequence Nr	Data length	Info
285	11:57:59.074	0xB800	0x9800	0	A---F	10	0	
286	11:57:59.074	0x9800	0xB800	0	A----	11	0	



The screenshot shows the Bever Innovations I-Config 2.3 software interface. The main window is titled "Configuration" and displays settings for a device named "SignController-01/02 1". The "Addressing" tab is selected and highlighted with a red box. The interface includes a left sidebar with navigation options like "Status", "Configuration", "Firmware", "Conn. to COM4 - 19200", "POS Simulation", and "Spy traffic". The main area shows configuration details such as "Sign Controller ID" (1), "I-Control Activation" (1. LEFT + RIGHT), and "RF module settings" (Standard 1 (DT:0003 HP:6)). A dropdown menu is open for the "Preset" field, showing a list of options including Shell 3, Total 1, BP 1, Topaz 1-3, Standard 1-2, Preset 1-3, YX 1-2, Esso 1-2, ABC 1-2, Neste 1, and Circle K 1-2, with "Custom" selected. At the bottom, a "Traffic log" table shows two entries:

Nr	Time	Source	Destination	Command	Flags
292	12:03:01.508	0x80E0	0x9800	0	A---F
293	12:03:01.508	0x9800	0x80E0	0	A----