Controlling the MCU-100

Preventing third party modifications from being out of the FCC grant authorization Rules

At this stage Mobilicom does not allow third party to modify its equipment but to use it only as a plug and play system.

Nevertheless, following is a screen capture for a professional installer that shows the limits for the allowed operational band ("from 2404 to 2474.5 MHz") and the Tx power ("from -50 to 22.8 dBm") when the cursor is in the applicable field.

When entering non-allowed value the system will notify the user with an error window and will not accept the changes; this is in order to meet the FCC grant authorization rules.

Frequency (MHz)	Power 12v 12v 3.3v 12v 1.0v Modem Info Air Link Status Temprature: [c] Modem Uptime: [s] Configuration Frequency (MHz) TX Power [dBm]: Node Type:	Power 12v 3.3v 1.2v 1.0v Modem Info Air Link Status Temprature: [c] Modem Uptime: [s] Configuration Frequency (MHz) TX Power [dBm]: Node Type: Node in Cluster: Clear Cluster Number: Firmware Update	IP Adress: TX Power: Frequency: Product: Main Board: RF Board: RootFS: Agent:	Versions:	● [dBm] [MHz]	Node Type Node Nam Node in Clust Cluster Numb	ie:	
Temprature: [c] Modem Uptime: [s] Configuration From 2404 to Frequency (MHz) From 2404 to TX Power [dBm]: From -50 to 2 Node Type: Image: Content of the second	Temprature: [C] Modem Uptime: [5] Configuration Frequency (MHz) TX Power [dBm]: Node Type: Node Name: Node in Cluster: Cluster Number: Firmware Update	Temprature: [c] Modem Uptime: [s] Configuration Frequency (MHz) TX Power [dBm]: Prom -50 to 22. Node Type: Node in Cluster: Clear Cluster Number: Firmware Update	Power $ext{Power}$	• • • 3.3v 1.2v 1.0v				
Modem Uptime: [5] Configuration From 2404 to Frequency (MHz) From -50 to 2 TX Power [dBm]: From -50 to 2 Node Type: Image: Constraints	Modem Uptime: [s] Configuration Frequency (MHz) TX Power [dBm]: TX Power [dBm]: Node Type: Node Name: Node in Cluster: Cluster Number: Firmware Update	Modem Uptime: [5] Configuration Frequency (MHz) TX Power [dBm]: Prom -50 to 22.4 Node Type: Node Name: Node in Cluster: Cluster Number: Cluster Number: Firmware Update		Air Link	Status	•		
Frequency (MHz) From 2404 to TX Power [dBm]: From -50 to 2 Node Type:	Frequency (MHz) From 2404 to 24 TX Power [dBm]: From -50 to 22.4 Node Type: Image: Clear Node Name: Image: Clear Node in Cluster: Clear Cluster Number: Apply	Frequency (MHz) From 2404 to 24 TX Power [dBm]: From -50 to 22.4 Node Type: Node Name: Node Name: Clear Node in Cluster: Clear Cluster Number: Apply						
Frequency (MHz) TX Power [dBm]: Node Type:	Frequency (MHz) TX Power [dBm]: Node Type: Node Name: Node in Cluster: Cluster Number: Apply	Frequency (MHz) TX Power [dBm]: Node Type: Node Name: Node in Cluster: Cluster Number: Firmware Update						
TX Power [dBm]:	TX Power [dBm]: From -50 to 22.8 Node Type: Node Name: Node in Cluster: Cluster Number: Firmware Update	TX Power [dBm]: From -50 to 22.8 Node Type: Node Name: Node in Cluster: Cluster Number: Firmware Update	Configuratio	on				
Node Type:	Node Type: Node Name: Node in Cluster: Cluster Number: Cluster Number: Firmware Update	Node Type: Node Name: Node in Cluster: Cluster Number: Firmware Update						From 2404 to 24
	Node Name:	Node Name:						From 2404 to 24
Node Name:	Node in Cluster: Clear Cluster Number: Apply	Node in Cluster: Clear Cluster Number: Apply	Frequency (MHz)					
	Cluster Number:	Cluster Number: Apply	Frequency (MHz) TX Power [dBm]:					
Node in Cluster:	Cluster Number:	Cluster Number: Apply	Frequency (MHz) TX Power [dBm]: Node Type:					
			Frequency (MHz) TX Power [dBm]: Node Type: Node Name:					From -50 to 22.