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## CBC781921WT-DS and CBC781921W-DS, Software update to change DC selection splitting mode applications.

CommScope Quadplexer CBC781921WT-DS and CBC791921W-DS when use in spliting mode will default the DC/AISG selection to the AWS path as indicated on the logic table below.

	Splittin				
	RI				
698 to 798 MHz	824 to 894 MHz	1850 to 1990 MHz	1695 to 2360 MHz	COMMON	DC/AISG Path Selection
<10	<10	<10	<10	10 ≤ V ≤ 30	698 to 798 MHz "OFF"
					824 to 894 MHz "OFF"
					1850 to 1990 MHz "OFF"
					1695 to 2360 MHz to COMMON"ON"

This document describes the procedure to change the default selection.

## **Necessary Equipment:**

- Computer with USB port
- USB cable (similar to the ones that comes with printers)
- QUadplexer\_Usbprg Zip file
- DUT (CBC781921WT-DS or CBC781921W-DS)

## **Procedure:**

- Unzip file into a common folder in your computer
- Remove protective cover on DUT USB Port. The twin unit CBC781921WT-DS has 2 independent USB ports one for each of the units, they are complete independent and the update needs to de complete on each half
- Connect the USB cable from the computer to the DUT. It's recommended that the DUT is also powered thru ANY of the RF ports during this procedure as a safety measure.
- Launch the application Quadplexer Programer, window will open:











• Click on "Find My Device" button: Software should detect your DUT:

P Quadruplexer Table Programmer Com Port Setting									
Device Identifiers Vendor ID (hex): 1047 Product ID (hex): 0101	Find My Device	HeartBeat Reset Firmware Info							
		Firmware Info							
Device detected:									
Vendor ID= 1c47 Product ID = 101									

• Once the device is detected you can select the desire configuration from the menu on the top right:

Set Config with Com port to 698 Port	Set Config with Com port to AWS Port
Set Config with Com port to 824 Port	Set Config with Com port to PCS Port
	Road Dart Valtages

Once selection is confirmed the new configuration will be loaded, please notice this takes around ~3 *minutes* to complete, please *do not disconnect* or make more selections until the "Table Data Updated" message shows up. Hit ok and disconnect the USB port from the computer, new configuration will load within 1second. Replace protecting CAPs on USB Ports.

- Quadruplexer Table Programmer Com Port Setting			
Device Identifiers         I           Vendor ID (hex):         1c47           Product ID (hex):         [0101   Find My Device	HeartBeat Set Config with Com port to 698 Port Set Config with Com port to 698 Port Set Config with Com port to 824 Port to 824 Port	Set Config with Com port to AWS Port Set Config with Com port to PCS Port Read Port Voltages	
			USB Quadruplexer
00 43 03 00 71 08 00 00 00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 0	Table Data Updated
An Output report has been written. Output Report D: 00 Output Report Data: 00 A3 03 00 72 03 00 00 00 00 00 00 00 00 00 00 An Output report has been written. Output Report D: 00	00 00 00 00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00	ОК
Output Report Data:           00 A3 03 00 73 05 00 00 00 00 00 00 00 00 00 00 00           An Output Report has been written.           Output Report Data:           00 A3 03 00 74 2C 00 00 00 00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00 00 00 00 00 00	00 00 00 00 00 00	
An Output report has been written. Output Report D: 00 Output Report D data: 00 A3 03 00 75 13 00 00 00 00 00 00 00 00 00 00 00	CO C	00 00 00 00 00 00	
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