

**Title:**

***Link instructions for  
5.6GHz DFS System***

Rev.	ECO No.	Author	Description	Approved By	Valid Date
A0	-	Zion L.	Release	Reuven B	10/5/08

	<b>LINK INSTRUCTION</b>	<b>REVISION: A0</b>
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## 1. Required equipment

- 2\* Standard PC included Serial port and LAN port.
- Standard HyperTerminal Application.
- 2\* SDA 4S.
- P.S 220VAC to 6V DC.
- 2\* Ethernet cables.
- Crossed RS-232 cables.
- 2\* Y cable.

## 2. Testing Setup

### ProST Setup Figure 1

- Connect Y cable between SDA 4S DB-15 connector and MicroMAX DB-15 connector.
- Connect Serial cable between MicroMAX DB-9 connector and PC 1 Serial port.
- Connect LAN cable between SDA 4S port 1 and PC 1 LAN port.
- Connect Y cable between SDA 4S DB-15 connector and ProST DB-15 connector.
- Connect LAN cable between SDA 4S port 1 and PC 2 LAN port.

### EasyST Setup Figure 2

- Connect Y cable between SDA 4S DB-15 connector and MicroMAX DB-15 connector.
- Connect Serial cable between MicroMAX DB-9 connector and PC 1 Serial port.

- Connect LAN cable between SDA 4S port 1 and PC 1 LAN port.
- Connect 6V DC to the EasyST DC connector.
- Connect LAN cable between EasyST RJ 45 connector and PC 2 LAN port.

## Link Test Setup

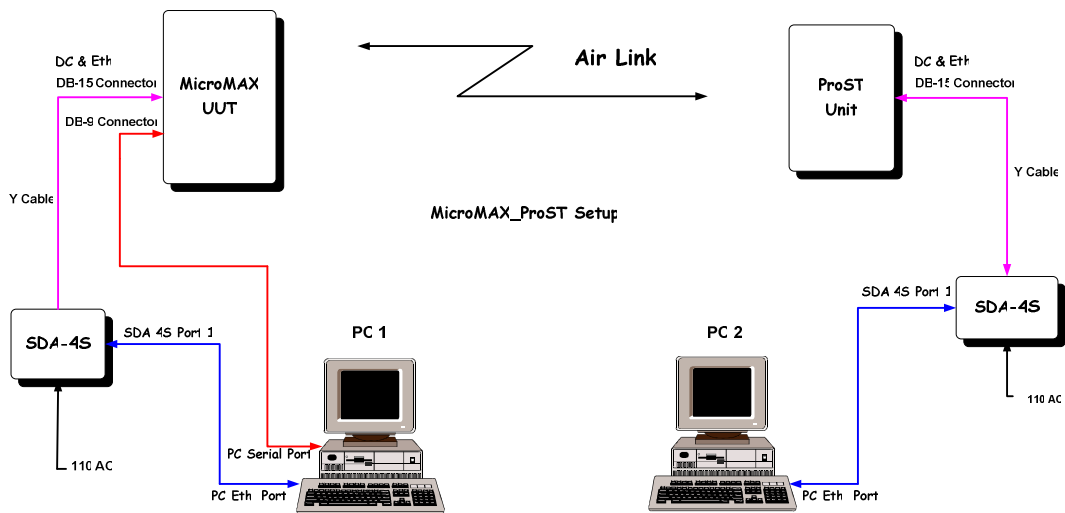


Figure 1

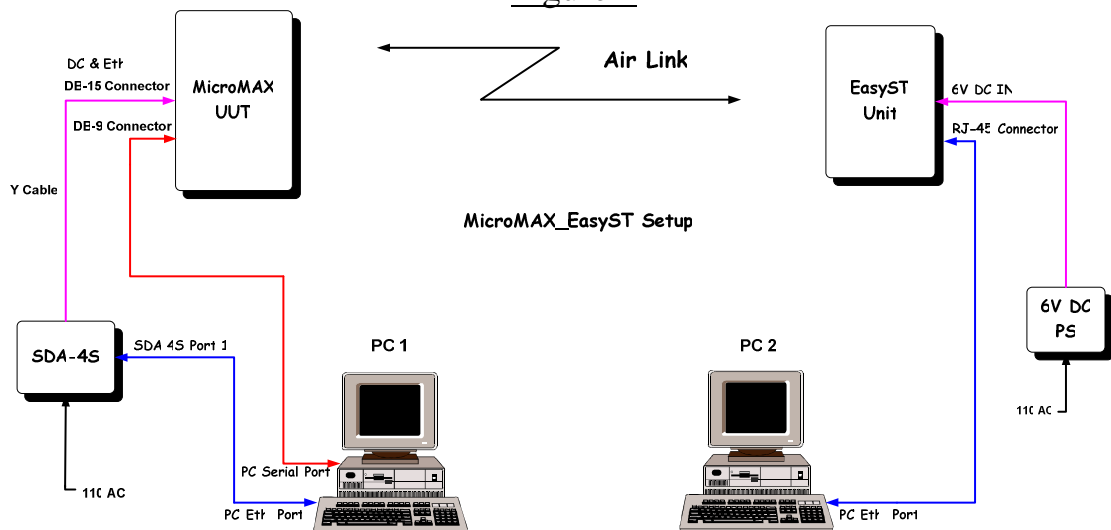
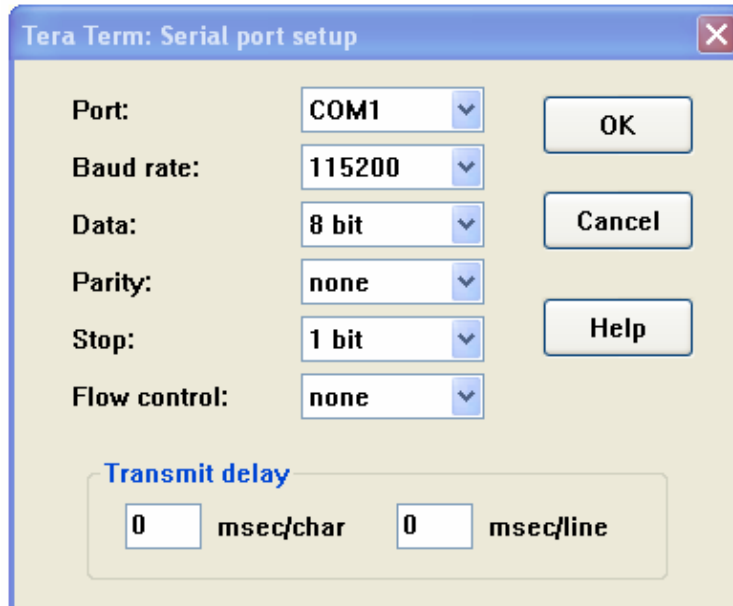


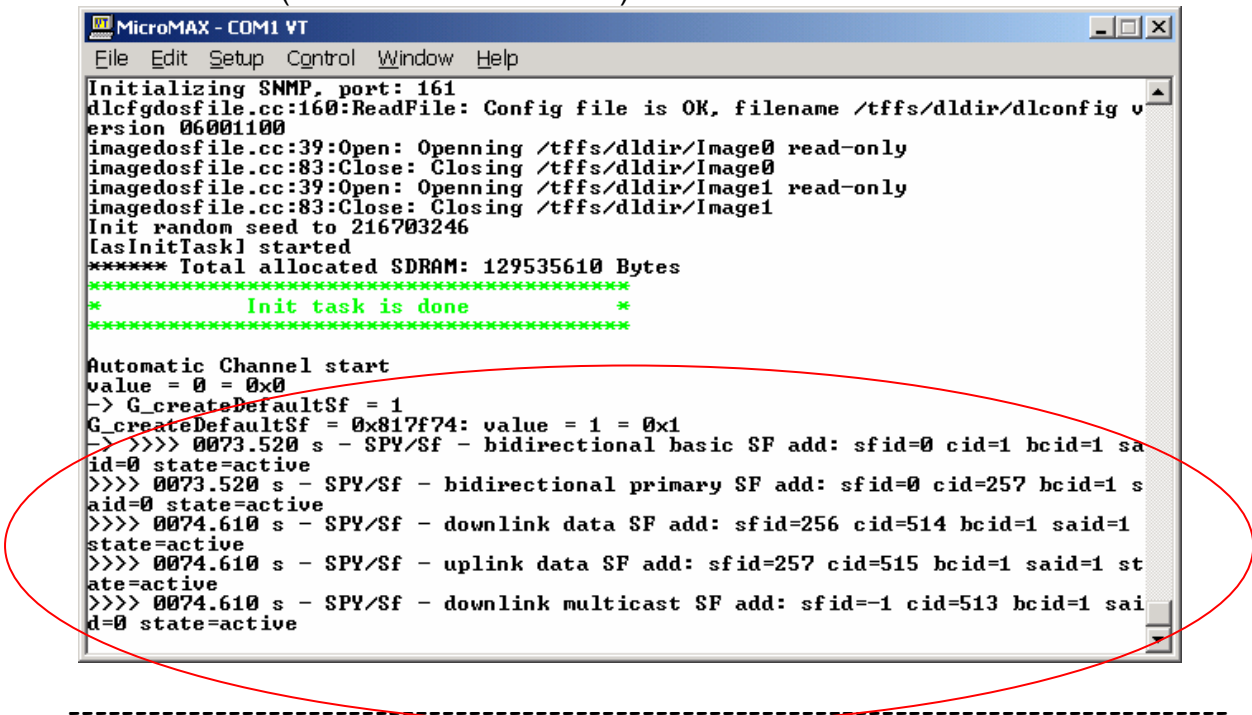
Figure 2

### 3. Testing process

- Connect to the MicroMAX using serial cable
- Use a terminal client application with the following parameters:



- Connect the to electricity (through the SDA)
- Verify that the following lines appear on your serial connection window(Wait about 1-2 minutes)



- Through the serial connection type : cmd "showss"

```

-> cmd "showss"
-----
SSid  MAC address      state          bcid  pcid  scid
1     00:A0:0A:C1:FA:26 OPERATIONAL    2     258  517
2     00:A0:0A:C1:F2:D2 OPERATIONAL    3     259  520
-----
value = 0 = 0x0
->

```

- Verify you have one SS connected and operational
- For broadcasting video through Airspan Networks link please refer to the link as a normal bridge (layer 2)

**Note:** Once the system detects a radar signal it will behave according to the standard and stop transmitting on the channel. A new channel is chosen and a startup scan is initiated on that channel. A report will be sending on the Hyper Terminal Application.

### Test Mode Commands

- Through the serial connection type:
  1. G\_DEBUG\_DFS\_DONT\_MOVE=1        ///< Do not jump channel
  2. G\_DEBUG\_DFS\_DONT\_MOVE=0       ///< jump channel
  3. cmd "setDfsParams av=0"       ///< Disable availability test
  4. cmd "setDfsParams av=1"       ///< Enable availability test
  5. printRf                        ///< Print RF channel

**End Document**