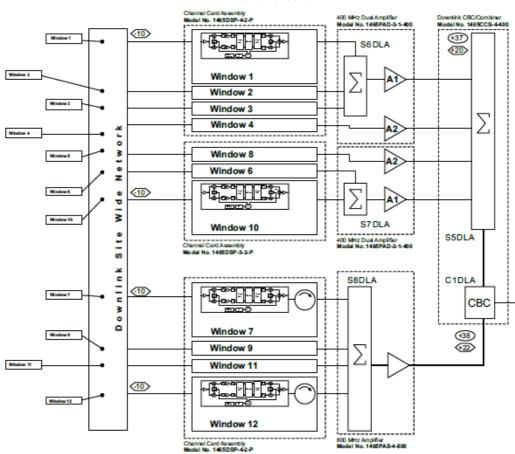
## WTC4 System Block Diagram

## **Downlink Group**

C1	Cross Band Coupler
S1	50/50 Splitter DC through
<b>S2</b>	60/40 Splitter DC through
<b>S3</b>	50/50 Splitter DC blocked
S4 blocked	50/50 Dual Splitter DC
<b>S</b> 5	4-Port Combiner
<b>S</b> 6	3-Port Combiner
<b>S7</b>	2-Port Combiner
S8	4-Port Combiner
S9	8-Port Splitter
\$10	3-Port Splitter
T1	10 dB RF Tap
Single Carrier in dBm	
Composite in dBm	

Head End

## 400 MHz Channel Card x 7



800 MHz Channel Card x 4