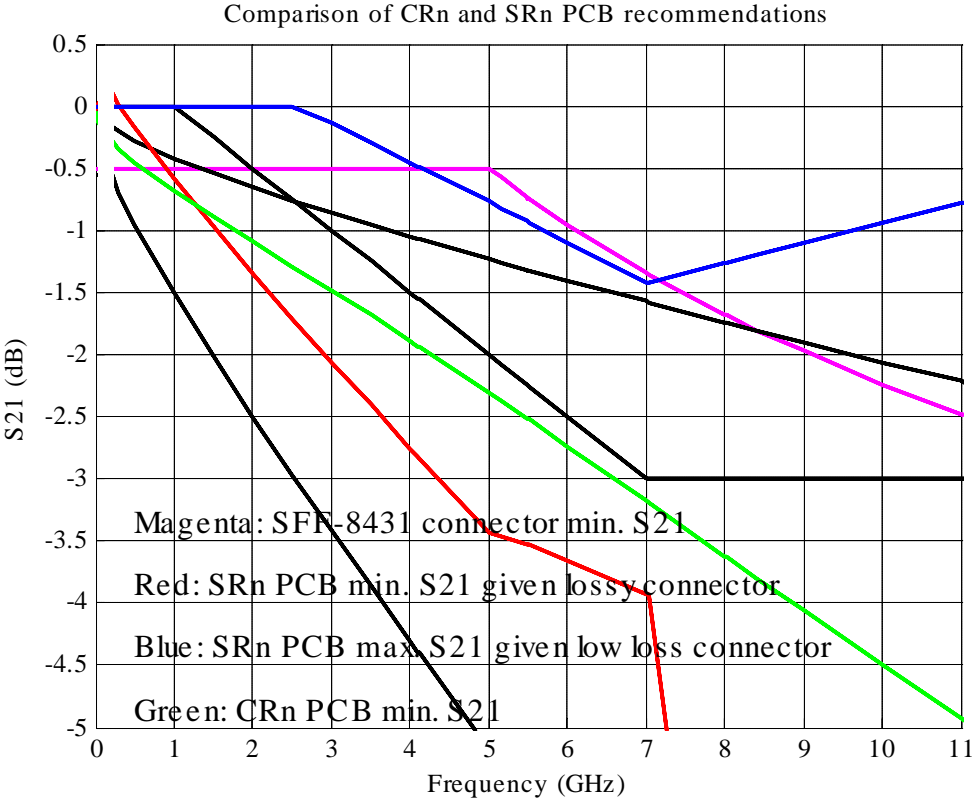


Comparison of CRn and SRn PCB recommendations

Piers Dawe

Avago Technologies

Comparison of CRn and SRn PCB recommendations



- Black: PCB+connector+HCB min, max
- Black: HCB nominal
- Magenta: SFF-8431 connector min. S21
- Red: SRn PCB channel min. S21 given lossy connector
- Blue: SRn PCB channel max. S21 given low loss connector
- Green: CRn PCB channel min. S21

PCB loss at Nyquist

- For 4" Per Nicholl
- SRn
 - Min 0.82 dB
 - Max 3.46 dB 0.87 dB/in
 - Range 2.64 dB
 - dB/in
- CRn
 - Min 0
 - Max 2.37 dB 0.59 dB/in
 - Range 2.37 dB
 - dB/in