

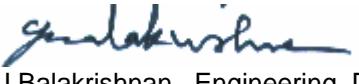
To  
BACL Corporation  
230 Commercial Street  
Sunny Vale , CA 94085  
Sub : Nexus radio PCB Qualification

Dear Sir ,

We have sent our Nexus Unit sB 3010 with Radio Module sB 3000 for qualification of Radio module . The radio module complies with the requirements of FCC part 15 Modular Transmitter Approval as below .

1. The Radio module has its own RF shield . It meets the Radiated emission limits of part 15 on its own .
2. The Data inputs for modulating are buffered by the baseband processor before modulating RF . No over modulation is possible by the amplitude or rate of Data input . The OFDM modulation applied to RF changes from 54 MBPs ( 64 QAM ) to 6 MBPs ( BPSK )
3. The Radio Module has its own power supply regulator on board .
4. The Radio module uses a unique RF connector type FL ( propreitory ) for outputting RF . User can connect to the antenna only with FL to N cable provided by smartBridges Pte Ltd .
5. The Radio module is of stand alone type with mini PCI interface . It can be connected to any computer with mini PCI interface .
6. The Radio Module is installed in Nexus unit which will have a label “ Unit contains module with FCC ID : PWG NEXUS1 “
7. The Radio Module is intended for use with Nexus unit under FCC 15.247 providing point to point wireless links . The operating requirements are described in the user manual enclosed for the Nexus unit .
8. The Radio Module complies with the RF exposure requirements .

So We request our Radio Module SB 3000 be tested and qualified as modular transmitter.  
Thanks and Best Regards,

  
C.J.Balakrishnan , Engineering Director , 14 Feb 2005 .