

# **Engineering Statement of Norwood J. Patterson**

## **FCC Certification Application**

**FCC ID: JJAGLOBALCELL-IID**

I, Norwood J. Patterson, am a Radio & TV Engineering Consultant having studied at Pacific Radio School, San Mateo City College, San Francisco City College and Stanford University. I have appeared on numerous occasions before the State Courts, the Federal U. S. Courts the Federal Communications Commission and the U. S. State Hearing Committees. On all occasions I have been accepted as an Expert Witness in radio television and electronics engineering matters.

I have been accepted by the Federal Communications Commission as an Expert in radio and television matters since 1937 with a LIFE certificate #PG-11-25313.

### **Background:**

Com-Dev is a major manufacture of Cellular Base Stations. This application documents that the latest Cellular Base Station model, Globalcell-DII, complies with all FCC requirements. It is compatible with all FCC standards base stations.

The present configuration exciters and amplifiers are built by Com-Dev. The measurements performed by REC show complete compliance with all FCC rules and regulations including Audio low pass filters, Audio limiting, and RF Filtering for inbound spurs and harmonics. Combining of the several channels is accomplished by use of standard industry combiners made by Telewave model 804. The RF Filtering for compliance is accomplished by use of the combiners and industry standard band pass filters made by Decibel Products model dB 4200-B, high power, for the frequency range of 879 ~ 894. Measurements by REC show compliance.

Equipment photos, schematics, Norwood J. Paterson, also attaches circuit descriptions along with this engineering statement.

### **Conclusion:**

As determined by design specifications, measurements and certification, it has been determined that the cellular base station model GLOBALCELL-D complies with all FCC certification requirements.

I, Norwood J. Patterson, do hereby certify that I have prepared the enclosed data and, under penalty of perjury, that data of my own knowledge is correct. As to other information and facts asserted herein, I believe that information also to be true.

**Norwood J. Patterson**

Signed Friday, January 21, 2000

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