

Abstracts

X-band transmit/receive module overview

B.A. Kopp. "X-band transmit/receive module overview." 2000 MTT-S International Microwave Symposium Digest 00.2 (2000 Vol. II [MWSYM]): 705-708.

This paper will discuss pertinent issues and trends in X-band transmit/receive (T/R) modules. The performance of gallium arsenide (GaAs) T/R module components and wide bandgap semiconductors will be presented along with future challenges. T/R module cost will also be addressed with an emphasis on semiconductor cost factors and issues. Finally, a brief discussion of packaging and assembly issues will be provided.

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