




SATELLITE AND RADIO COMMUNICATIONS

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ACROSS

- 5 _____ can provide a cost-effective strategy for replacing obsolete test instruments
- 8 Short for Digital RF Memory
- 10 AESAs did not become feasible until _____ technology became mature enough to package the necessary volume of circuitry into compact T/R modules
- 11 Short for Automated Test Equipment
- 12 90 percent of satellite interference issues can be attributed to _____ (2 words)
- 14 PHY (2 words)
- 17 Short for Wireless Sensor Network
- 18 AoA (3 words)
- 19 33 percent of interference is due to _____ leakage of signals (2 words)
- 20 Short for Arbitrary Waveform Generator

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- 1 Another name for IEEE 802.15.4
- 2 Future AESA radar should benefit from new high power semiconductor materials such as _____
- 3 Short for Commercial Off The Shelf
- 4 SIGINT (2 words)
- 6 First volume production radar designs to employ the idea of transmitting and receiving through an array of individual phase or delay controlled elements
- 7 RCS (3 words)
- 9 Could be described as self-interference (2 words)
- 13 Short for Standard Commands for Programmable Instruments
- 15 Progressively displacing legacy Mechanically Steered Arrays and Passive Electronically Steered Arrays Industry driven solution for tracking and solving satellite interference (2 words)