CAPABILITY STATEMENT

WV Communications, Inc.

Mission-critical RF and microwave hardware for defense and aerospace programs

WV Communications, Inc. designs, manufactures, qualifies, and supports advanced RF and microwave hardware for defense and commercial programs. Established in 1997 and operating from our ITAR-registered Newbury Park, California facility, WV is a focused RF/microwave engineering house and a leading supplier of ground and airborne flight termination equipment. Builds range from a single custom module to a complete turnkey system, engineered to program requirements.

CORE CAPABILITIES

- Flight Termination Systems — Ground and Airborne, 370–450 MHz, 200W to 10kW
- Airborne Flight Termination Receivers — 370–450 MHz, IRIG & EFTS
- Solid State Power Amplifiers – Outdoor and Rackmount, 1750-2120 MHz, 50W to 10KW
- IFF and Transponder Amplifiers — 1030 / 1090 MHz, up to 4 kW
- Up/Down Converters — 1 MHz to 36 GHz, L through Ka band
- Synthesizers — ultra-low phase noise, 120 MHz to 20 GHz, with chirp
- Custom RF and microwave builds for program-specific requirements

DIFFERENTIATORS

- ITAR-registered
- Vertically integrated company; engineering, assembly, qualification, and test in Newbury Park, CA
- Direct engineering access — talk to engineers and technicians on every project
- In-house qualification to MIL-STD-810: thermal cycling −75°C to +80°C, vibration to 10 Grms random
- 220+ combined years of RF and microwave engineering experience
- 50+ turnkey FTS systems, 400+ SSPAs, 5,000+ modules shipped — leading supplier of ground and airborne flight termination equipment

PAST PERFORMANCE

- US defense, aerospace, and federal programs
- Flight termination systems delivered worldwide
- Communications and RF/microwave subsystems
- Direct and prime-subcontract delivery

CERTIFICATIONS & QUALITY

- ISO 9001:2015 Quality Management System
- Test Equipment Calibration traceable to NIST
- IPC-A-610 Class 3 Workmanship
- J-STD-001 Class 3 Soldering

ENTITY IDENTIFIERS

CAGE CODE
1GFQ7

UEI (SAM.GOV)
HR87UUF34ZE5

DUNS
032100732

SAM.GOV
Active registration

BUSINESS SIZE
Small Business · US-owned

NAICS CODES
334220 (primary), 334290, 334511

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