

## Harris AN/PRC-117G (RT-1949)

-181B, -181C, -182A, -183A, and -183B

Certification 2018-39026.32-14458

04/04/2018

### SYSTEM CONFIGURATION

#### Harris AN/PRC-117G System

Transceiver.....	RT-1949(P)(C)/PRC
System	
Software (SW).....	12043-8912 4.3.1
Hardware	
Cryptographic (Crypto).....	43100024
Power Supply.....	A2
Lowband (LB) Receiver, Exciter, Synthesizer (RES) .....	A3A2
LB Power Amplifier (PA).....	A3A1A1
LB RES Field Programmable Gate Array (FPGA).....	No ID
Highband (HB) RES .....	A1A4
HB PA.....	A1A3A1
HB RES FPGA .....	No ID
Global Positioning System (GPS) Ground Receiver Application Module (GRAM) Selective Availability Anti-Spoofing (SAASM).....	A4A1
Front Panel.....	A1A5A1
FALCON3 Digital (DIG).....	A1A1
Software	
Advanced Networking Wideband Waveform (ANW2) .....	12043-8701 4.1.1
Remote Key Display Unit (RKDU) Firmware .....	10511-8820-05 1.7
Platform.....	12043-8214 8.5.0
GPS GRAM SAASM .....	984-2662-004
CORE FRAME WORK.....	SCA V2.2.2
Very High Frequency (VHF) Ultrahigh Frequency (UHF) Line of Sight (LOS) (VULOS).....	12043-8362 7.3.0
Single Channel Ground and Airborne Radio System (SINCGARS) .....	12043-8312 7.0.4
Special Communications Mode (SCM).....	12043-8671 1.3.1
ROVER.....	12043-8761 4.1.0
Project 25 (P-25).....	12043-8601 7.1.4
Integrated Waveform (IW) .....	12043-8661 1.0.11
High Performance Waveform (HPW) .....	12043-8461 7.2.4
HAVEQUICKII .....	12043-8412 7.1.0
Demand Assigned Multiple Access (DAMA).....	12043-8751 7.1.0
Advanced Networking Wideband Waveform, Rev C (WANW2C).....	12043-8705 6.0.1
Information Security (INFOSEC)	
Boot Block2 .....	4.0.0

SINGGARS CC .....	3.0.0
Manpack (MP) Security Policy Production (SPP) Operational (O) .....	4.2.0
MP Saville (SAV) Loadable (L) .....	4.2.0
MP Re-encrypt (REA) L .....	4.1.0
MP Joseki (JOS) L .....	4.1.0
MP Implementation Specific Architecture (ISA) Module (M) .....	4.2.0
MP ISA L .....	4.2.0
MP Install Plan Text (IPT) L .....	4.2.0
MP ISA Boot Loader (IBL) M .....	4.2.0
MP High Assurance Internet Protocol Encryptor (HAIPE) (HAI) L .....	4.2.0
MP Elliptic Curve Digital Signature Algorithm (ECD) L .....	4.2.0
MP Advanced Encryption Standard (AES) L .....	4.2.0
MP 102 L .....	4.2.0
MP 101 L .....	4.2.0
High Performance Waveform (HPW) FPGA S6 .....	4.0.0
HAVEQUICKII CC .....	4.0.0
FPGA HAIPE S6 .....	4.0.0
Flash Library (FLIB) Numonic Manpack (NM) .....	4.0.0
Firefly (FF) Tightly Coupled Memory (TCM) Loadable .....	4.2.0
FF Initialization (INIT) RES Configurable Random Access Memory (CRA) .....	4.2.0
FF De Positive Access Control (DEPAC) Compressed Random Access Memory (CRAM) L .....	4.2.0
Configuration (CONFIG) File .....	4.2.0
Core Module Code (CMC) .....	4.0.1