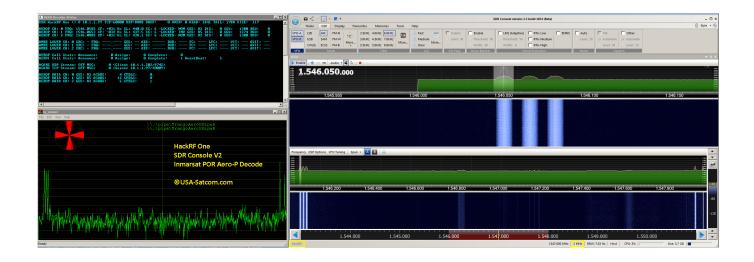


Ambe Codec Software Installation



Ambe Codec Software Installation



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The Iridium Satellite Constellation has been on the agenda of security researchers for quite some time.

- Software Defined Radio RTL-SDR BladeRf HackRF USRP Most SDRs that have an libosmosdr binding library Antennas Passive • Active Modified GPS antenna with replaced filter Bias-T if your antenna is active and your SDR doesn't have one built in.
- AMBE-3000TM-HDK Development Board User's Manual Version 0 4 Figure 2 Board Connections Board Connections0 Item Name DC Line In Handset Audio Output Audio Input Serial Port Serial Port Table 1 HDK Connectors DC Power (P5) Figure 3 Power Input Connection The AMBE-3000TM-HDK Development Board operates with a 5.. Here is a list of the requisite software in installation order Linux OS GNU Radio contains most of the software you would need You will also need the -dev packages SDR specific library ex: librtlsdr libosmosdr gr-iridium • AMBE Voice codec Open Source AMBE decoder Emulated gr-toolkit •.. 0 V DC power supply Simply plug in the 120 V AC to 5 0 V DC (~250ma) power source (provided with the HKD) into an AC power source and the DC power receptacle (P5) DVSI Confidential Proprietary.. The Speech Compression Specialists Overview of HDK Interfaces The AMBE-3000TM HDK is designed with flexibility in mind.

Their efforts have resulted in easy to use code and guides This wiki should get you up and running fairly quickly Most of this information is based off of or from the Slides from the hackRVA talk: Hardware In order to receive Iridium you are going to need some hardware.

• Section 2 – User's Manual Version 0 4 Connectors, Test Points & Indicators Digital Voice Systems, Inc.. All of the supporting chips on the board were chosen for their low cost, ease of use and wide availability.. 4 Special Handling Instructions To avoid damage from the accumulation of a static charge, industry standard electrostatic discharge precautions and procedures must be employed during handling and installation the AMBE-3000TM-HDK Development Board.. 4 ACKET Decode File 31 LoopBack Mode using the AMBE-3000TM Vocoder chip's Parallel Interface.. 4 voice signal. 1, Windows Media Player for Windows XP, Windows Media Player 9 Series, and Windows Media Player 10.. What's Included with the HDK The development kit includes the following items: HDK evaluation board Power Adapter (120v AC to 5 V DC) Handset with cord AMBE-3000TM.. 4 List of Figures IGURE ASIC BLOCK DIAGRAM OF THE IGURE OARD ONNECTIONS IGURE OWER NPUT 4 USB C IGURE ONNECTOR IGURE INDOWS EVICE IGURE UDIO ONNECTIONS 7 RS-232 S IGURE ERIAL IGURE EADER 9 LED. d70b09c2d4

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