

ATSC 3.0 Receiver and Analyzer Software

- Works with DTA-2131 SDR receiver
- Multi subframe and multi-PLP support
- Shows ATSC 3.0 signaling parameters

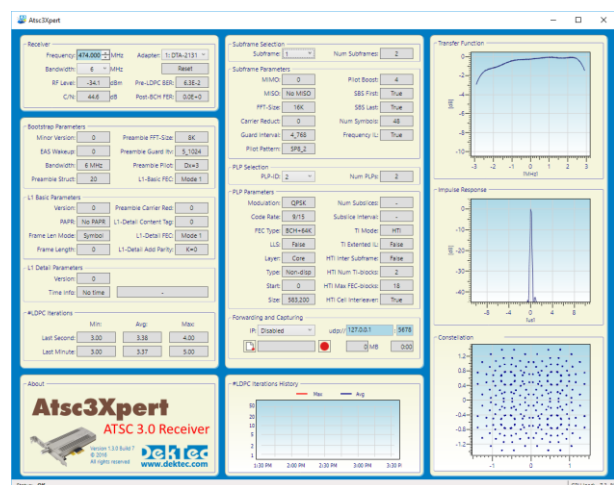
FEATURES

- Real-time advanced ATSC 3.0 analyzer using the DTA-2131, DekTec's Software-Defined-Radio receiver card
- Shows RF level, C/N and several advanced measurements: Constellation per PLP
- Displays ATSC 3.0 signaling information
- Outputs the demodulated stream on IP or records it to an IP-capture file
- Multi-subframe and multi-PLP support
- Gathers statistics about number of LDPC iterations required to correct all errors and displays LDPC iterations history in a graph



APPLICATIONS

- Checking all aspects of ATSC 3.0 signals
- ATSC 3.0 demonstrations
- ATSC 3.0 field trials



PARAMETERS DISPLAYED IN GUI

Group	Parameters
RF	RF level, C/N, BER
Bootstrap	EAS, Bandwidth, Preamble signaling (FFT, Guard Itv, Pilots, L1B FEC)
L1 Basic and L1 Detail	PAPR, Frame length, Carrier reduction, Content Tag, L1D FEC, Additional parity
Per sub-frame	MIMO, MISO, FFT, Carrier reduction, Guard Itv, Pilot, SBS first/last, #Symbols, Frequency IL
Per PLP	Modulation, Code rate, FEC, Layer, Type, Start, Size, #Subslices, Sub-slice Interval, TI Mode, TI-Extended IL, LDM, HTI and CTI parameters

PC REQUIREMENTS

Platform	Windows 2k3/2k8, Vista, 7, 8/8.1, 10, 2GB RAM
Processor	Core i5 4 th gen. minimum Core i7 4 th gen. recommended

RELATED PRODUCTS

Type	Description
DTA-2131	SDR VHF/UHF receiver for PCI Express bus
DTA-2131-RXA	DTA-2131 with advanced demodulator API

ORDERING INFORMATION

Type	Description
DTA-2131-RXA-SX	DTA-2131 with Atsc3Xpert, T2/C2Xpert, StreamXpert®

Please refer to www.dektec.com for the latest pricing and a list of distributors and resellers.