DTC-341 Atsc3Xpert

DekTec

ATSC 3.0 Receiver and Analyzer Software

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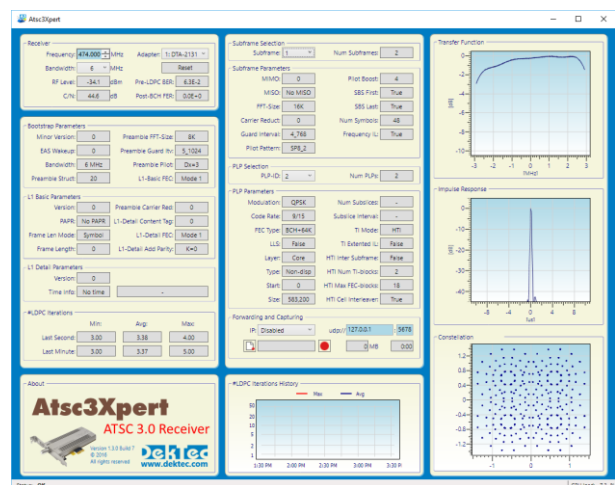- ❑ Shows ATSC 3.0 signaling parameters

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
Boostrap	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-Exended IL, LDM, HTI and CTI parameters

PC REQUIREMENTS

Platform	Windows 2k8/12/16, 7, 8, 10
Processor	Core i7-4xxx or above (or AMD equivalent)

RELATED PRODUCTS

Type	Description
DTA-2131	Multi-standard cable/terrestrial SDR receiver for PCIe

ORDERING INFORMATION

Type	Description
DTC-344-XPRT	Advanced RF measurements with Atsc3Xpert, C2Xpert, T2Xpert
DTA-2131-XPRT	Multi-standard cable/terrestrial receiver with Atsc3Xpert, C2Xpert and T2-Xpert

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