DTA-2135-T2
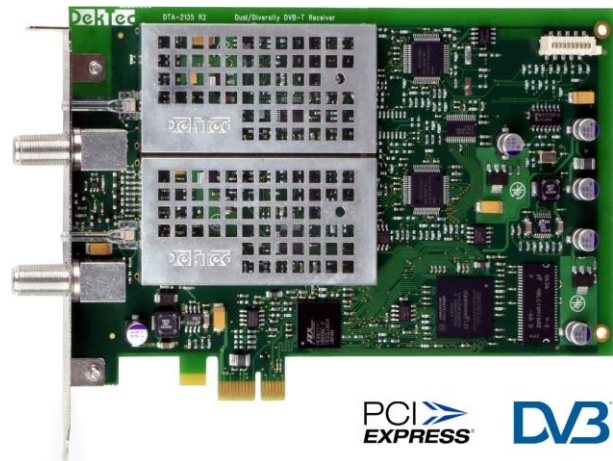
DVB-T2 Receiver and Analyser for PCI Express

- ❑ Bundle of DTA-2135 with T2Xpert
- ❑ Single PLP and multi PLP
- ❑ Shows all DVB-T2 parameters

FEATURES

- VHF/UHF receiver with software DVB-T2 demodulator and analyser
- Uses the IF signal digitized with the ADC on-board of the DTA-2135. All processing is performed in software, providing a flexible solution that will be improved over time
- Outputs the decoded Transport Stream from a selectable PLP on UDP, or output the entire Transport Stream on T2-MI
- Analyses the received signal and displays the DVB-T2 parameters and measurement values in the user interface
- Gathers statistics about number of LDPC iterations required to correct all errors and displays the number-of- iterations history in a graph
- Includes DtTV for decoding and viewing the Transport Stream extracted from a PLP

APPLICATIONS

- General-purpose DVB-T2 receiver and analyser for R&D and field work
- DVB-T2 demonstrations
- DVB-T2 field trials

KEY ATTRIBUTES

Parameter		Value
Antenna input		75-Ω "F" female (bottom F not used)
Antenna power		5V @ 30mA
Tuning range		50 .. 860MHz
DVB-T2		EN 302 755
Bandwidth		6/7/8Mhz
Input sensitivity		-78 .. -20dBm
Metrology	RF level	-80 .. -20dBm ±3dB
	MER	10 .. 32dB ±2dB
	BER	#LDPC iterations
	Lock status	P1, L1 pre, L1 post, #CRC errors
PCI-Express label		PCIe x1

ORDERING INFORMATION

Type	Description
DTA-2135-T2	DVB-T2 receiver with *DtTV*, *DtGrabber+* and *T2Xpert*

The latest pricing information and a list of DekTec resellers can be found on **www.dektec.com**

PC REQUIREMENTS

Platform	32/64-bit Win XP/Vista/7 2GB RAM
Processor	Intel Core i7 920 (2.66Ghz)

RELATED PRODUCTS

Type	Description
DTA-2135	Dual/diversity DVB-T receiver
T2Xpert	DVB-T2 Test Receiver and Analyser Software