



TBS6214 ATSC Quad Modulator PCIe Board

Product Overview:

TBS6214 ATSC quad modulator PCIe board works as an ATSC signal generator. It supports to be fed with kinds of DVB resource, HDMI videos, IP streams or any other digital resources, and then output ATSC signal in 4 Frequencies. For example, we can install a TBS DVB-S2 TV tuner PCIe board and a TBS ATSC Modulator PCIe board to receive and convert satellite TV channels into ATSC signal, then output in RF.

An excellent modulator recommended:

TBS MOI PRO AMD loaded with 2pcs * TBS6904SE Quad DVB-S/S2/S2X Tuner PCIe Board and 2pcs * TBS6214 ATSC Quad Modulator PCIe Board.

This solution supports to convert DVB-S/S2 signal into around 160Mbps ATSC signal, and output via RF port.

Applications:

- Home HDTV broadcasting system
- Hotel and Lodging video systems
- Interactive online broadcasting system
- Interactive portable broadcasting system
- Data broadcasting in Digital Signage

Features:

- Transmits real time video or stored video to ATSC signal
- Feeds either an antenna or coax cable
- Multiple channels REMUX
- Quad frequencies output via RF port

Specifications:

Possible Inputs	DVB-S2X/S2/S, DVB-T2/T, DVB-C, ATSC or IPTV resources
Output signal	ATSC output in 4 frequencies
RF output	50 ~ 860 MHz (-2~-40 dBm)
Channel bandwidth	6MHz
Modulation	8VSB
Output Level	90 dBuV (Minimum)
Channel Level Adjustment	0dB - 30 dB (Typical)
MER After Equalizer	42 dB
MER Before Equalizer	37 dB
Working Temperature	-40°~85°
Power Consumption	12V/9W
System Requirements	Linux (Centos / Ubuntu)
	Available PCI Express x1, x4, x8 or x16 slot