

DTV Multi-Standard Modulator

BSK T-100 PLUS



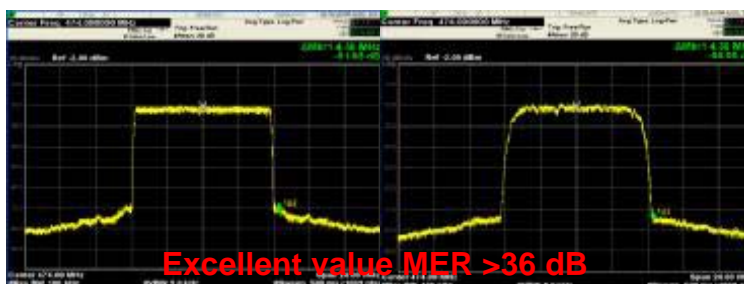
BSK T-100 Plus are low cost and high performance for DTV Multi-Standard Modulator PCI Card. BSK T-100 Series have VHF / UHF / L-Band RF Upconverter Output, friendly windows GUI and Output amplifier with programmable 0 .. 40dB attenuator in 0.5dB steps. BSK T-100 Plus can provide clear signal (MER > 36 dB) for Set-Top Box/LCD/DTV Manufacturing & QC use.

● Feature:

- Low cost and high performance
- DTV Multi-Standard : DVB-T/H , ATSC , DVB-C ,DVB-S/S2 ,DTMB , CMMB , ISDB-T , DVB-T2 (Single PLP / Multi PLP) ,DVB-C2
- Fully support DVB-T2 Multi PLP
- RF Output Level : 0 ~ -40dBm (0.5 dB Steps)
- VHF / UHF / L-Band RF UP-Converter
- Friendly GUI (Support Windows XP / 2000 / Win7 32 bit)
- PCI 2.2 Bus Standard

● Application:

- Set-Top Box, DTV, LCD QC
- DTV Signal Source
- Set-Top Box, DTV, LCD Manufacturing



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BSK T-100 Plus Specification

Dimension	186mm x 106mm
RF Interface	50 ohm BNC-Type
Power consumption	10 Watt
Frequency	VHF/UHF :40~870MHz ; DVB-S/S2 : 950~2150MHz
Precision	±0.5ppm@25
Phase Noise	<-90dBc@10KHz
Stop Rejection	>60dB(40~2150MHz)
Echo loss	> 20 dB
Frequency Stability	±0.5ppm@25
RF Output Frequency Level	0~ -40 dBm (0.5 dB Steps)
PCI Bus Standard	2.2 Edition ;32 Bit
System environment	Windows XP / 2000 / Win7 32bit
Bandwidth	5/6/7/8MHz selectable
Support Standard	DVB-T/H :EN 300 744 , DVB-C :EN300 429 , ATSC 8VSB A/53E , Open Cable :J83 Annex A/B ISDB-T :ARIB STD-B31 ,GB 20600-2006 ,CMMB DVB-S/S2 , DVB-T2 (Single PLP / Multi PLP) ,DVB-C2

The screenshot displays the BSK-TSRrunner software interface. At the top, the title bar reads 'BKS - TSRrunner'. The main window is divided into several sections:

- Stream:** Shows the file path 'D:\TS\DVB\DVBUK03.ts' and the device 'BKS-T100+ [Card 1 In Slot:7]'. The mode is set to 'Local File'.
- File Analysis:** Contains three panels:
 - Transport Stream:** Lists streams such as BBC ONE (6.176 Mbps), BBC TWO (6.167 Mbps), BBC CHOICE (6.160 Mbps), BBC NEWS (24.6044 Mbps), BBC TEXT (0.900 Mbps), and BBC PARLMNT (0.992 Mbps).
 - PID Info:** Lists various PIDs and their rates, including 0 PAT (17.977 kbps), 17 STD_BAT (0.709 kbps), 18 EIT (56.536 kbps), 20 TDT_TOT (3.784 kbps), 600 (4924.550 kbps), 601 (268.487 kbps), 602 (68.127 kbps), 603 (14.666 kbps), 610 (4925.733 kbps), and 611 (266.358 kbps).
 - Common Info:** Shows file details for 'DVBUK03.ts', including size (629.13 Mbytes), format (TS_FMT_188), and stream rate (24,128,358 bps).
- Rate:** Displays 'TS: 24,128,358 bps' and 'Play: 31,668,449 bps'.
- RF Setting:** Shows 'Freq: 530.000 MHz' and 'Level: -40.0 dBm'.
- Standard:** Shows 'DTV Std: DVB-T(H)' and a list of parameters for '1.Common' (Bandwidth: 8 MHz, Modulation: 64 QAM, Guard Interval: 1/32, FFT Mode: 2K, Code Rate: 7/8, Cell ID Enable: False, Cell ID: 0, Interleaver: Native) and '2.DVB-H Special'.
- Play Control:** Includes a progress bar at 03:28:59, play/pause buttons, and a 'Status: OK' indicator.