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NEWS RELEASE

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***For Immediate Release***

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## **Modulation Sciences Adds Significant Improvements to the *msi 4400 8vsb Analyzer***

After introducing an accurate and cost-effective 8vsb Analyzer in 2005, Modulation Sciences has added significant performance improvements.

Like the original MSI-4400, the ***MSI-4400A*** analyzes the critical parameters of the 8vsb signal. Combined with a laptop or PC, it delivers results interactively and can be remotely operated from any location via the Internet.

Functions include DFE and FFE Tap weight equalizers, eye pattern diagram, constellation display, channel tunability, SNR/ MER/ EVM strip charting, signal strength metering, Bit Error Rates, Trend and Alarm logging, user configurable alarming, alarm status notification via e-mail and capability for zeroing or freezing the Tap Weights.

In addition to all the original features, the MSI-4400A also offers measurement capability comparable to units costing 3 to 5 times as much. The most significant improvement is to the SNR or Signal to Noise Ratio. The ATSC recommends performance at 27dB and the MSI-4400A is designed to measure transmitters that meet this recommendation, with ***accuracy levels at  $\pm 0.5$  dB above 27 dBm and  $\pm 1.0$  dB below 27dB, with equalizers off.***

Additional features include packet error rate, symbol rate deviation, active user controlled line for parameter alarming from the back panel and adjacent channel filtering.

Packaged in a single rack unit, the *msi 4400A* processes the 8vsb signal using a Windows-based PC. Front panel indicators show the status of alarms, RF level and signal strength. External outputs of MPEG Transport Stream are available in parallel LVDS, SMPTE 310M and DVB-ASI formats. All are accessible from the rear panel, as are closures for alarms.

The *msi 4400A* is covered by MSI's comprehensive 3-year warranty on parts and labor and is available immediately at a list price of \$11,500.

For more information, contact:

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