

TPMS Transmitter Test

Anritsu won't let you down.

MS2830A
Signal Analyzer



Changing Image of TPMS Transmitter Test

Focusing on Functions and Performance to Cut Costs and Spread of TPMS

Anritsu proven communications measurement technologies back TPMS development for assured traffic safety and reliability.

The tire pressure monitoring system (TPMS) monitors the pressure and temperature of auto tires. This system looks likely to become widespread following legislation mandating TPMS in the EU, Korea, etc. Consequently, TPMS transmitter manufacturing makers urgently need to improve inspection efficiency as well as inspection equipment cost performance to increase the efficiency of mass-production of TPMS transmitters. Anritsu has developed the MS2830A Signal Analyzer as the perfect low-cost test solution for meeting these needs by focusing only on the required performance and functions for testing TPMS transmission signals. To help the spread of TPMS as a key device in assuring traffic safety and reliability, Anritsu is backing TPMS transmitter testing based on the company's proven track record in communications measurement technology.

For Customers using Real-time Spectrum Analyzer

Although a real-time spectrum analyzer for monitoring signal changes over time can measure the burst FSK modulation signals used by TPMS quickly and accurately, it is far too expensive and has too many functions (over-specification) as a measuring instrument for TPMS transmitter production lines.

Anritsu's MS2830A Signal Analyzer offers the same or better measurement speed and accuracy as a real-time spectrum analyzer with optimum functions such as the 10 MHz Analysis Bandwidth option for testing TPMS transmitters but at only one-third the cost of a general, real-time spectrum analyzer.

Inspection Cost: **Cut by 66%***

Real-time Spectrum Analyzer

MS2830A Signal Analyzer

With same or better measurement speed and accuracy*

*: Compared to general real-time spectrum analyzer

For Customers using Sweep-type Spectrum Analyzer

Measuring burst FSK modulation signals with a sweep-type spectrum analyzer requires a very long time*, which increases the inspection cost. By using FFT technology, Anritsu's MS2830A Signal Analyzer has the same measurement accuracy, but cuts the measurement time by 1000 times, helping improve mass- production volumes and yield with as few lines as possible.

*: Measurement time = Sweep time (Burst time x Trace point No.)

- **High-speed Measurement:** Cuts Inspection Cost by Cutting Measurement Time by 1000 Times
- **High-accuracy Measurement:** Stable Production Though Improved Yield



*: Compared to sweep-type spectrum analyzer

For Customers Starting TPMS Transmitter Business

The MS2830A Signal Analyzer low initial capital cost supports manufacturing of competitive products. As well as focusing on functions and performance to bring initial costs down and facilitate the spread of TPMS, the high measurement speed also cuts measurement time by 1000 times, so one unit supports higher production throughputs.

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Ordering Information (summary)

Please specify the model/order number, name and quantity when ordering.
The names listed in the chart below are Order Names. The actual name of the item may differ from the Order Name.

Model/Order No	Name
- Main frame -	
MS2830A	Signal Analyzer
- Options -	
MS2830A-006	10 MHz Analysis Bandwidth
MS2830A-040	3.6 GHz Signal Analyzer