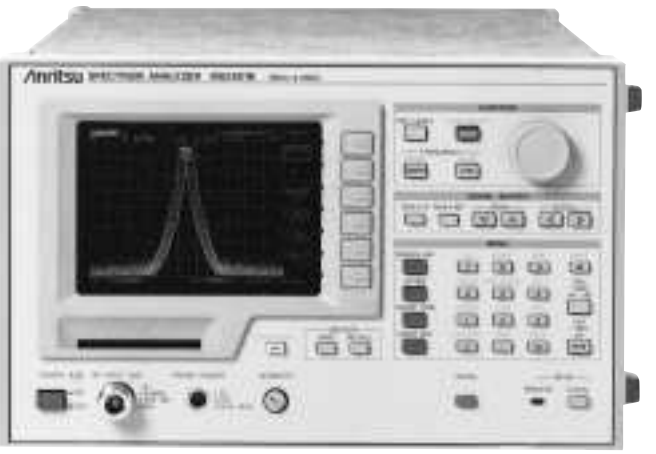
# SPECTRUM ANALYZER
# MS2601B/K
**9 kHz to 2.2 GHz**

***High-Speed Measurement of Various Devices***



CE GPIB

The MS2601B/K is a wide-band spectrum analyzer which covers the video to VHF/UHF bands. The synthesized local oscillator and automatic calibration, which uses a highly accurate signal source, enable accurate frequency and level measurement. In addition, the MS2601B/K has new and original functions such as the zone marker and scroll function, that shorten measurement time. Furthermore, plug-in memory cards (PMCs) for storing measurement conditions and waveform data offer excellent operability.

## Advanced functions

**• High-level built-in automatic calibration**
The MS2601B/K automatically calibrates itself using the calibration signal from the built-in signal source each time the CAL key is pressed. The calibration data is processed at high speed by a 16-bit microprocessor and the compensation value is added to the displayed measured value. The reliability of measurements has been greatly improved and the measurement error has been reduced to about one-third of conventional models, resulting in a general level measurement accuracy of 1 dB.

Furthermore, when the working temperature changes drastically, an accurate measurement can be made just by pressing the CAL key.

**• Digital technology supports high-accuracy measurement**
Digital technology, including a synthesized local signal, has been used to greatly improve the level measurement accuracy. Also, the signal peak-level frequency can be measured with 1 Hz resolution even at a 2.2 GHz full sweep. Furthermore, in addition to having a QP detector, three resolution bandwidths, and time constants based on CISPR standards, the antenna calibration coefficients are automatically calculated to facilitate the best EMI measurement.

**• IC cards for spectrum analyzers**
The age of spectrum analyzers operated by IC cards has now arrived. The MS2601B/K uses IC memory cards called PMCs to store measurement conditions and waveform data. For example, once the test procedures are stored in the PMCs, measurements can be made under the same conditions at any time. You can keep your hard-earned measurement conditions as your personal know-how. Also, if these PMCs are used with the Personal Test Automation (PTA) program memory, automatic measurement can be packaged in a card.

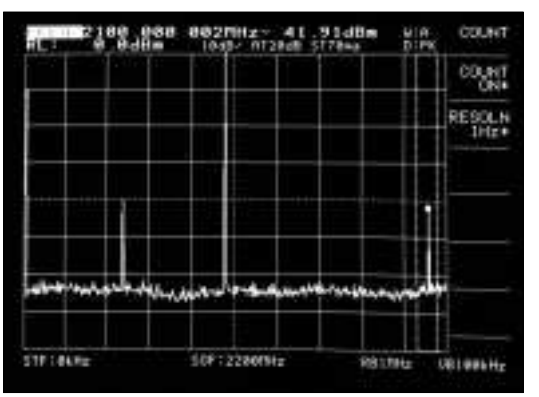
**• PTA widens realm of automatic measurements**
The PTA function is a high-level language for measurement and a computer integrated in a spectrum analyzer. Programs for measurements, operation, and display, etc. can be input to the MS2601B/K via the keyboard or a personal computer. Thus, the spectrum analyzer can be configured quickly into automatic test equipment. PTA supports complicated measurements as well as preparation of final test results. The MS2601B/K can be used as a frequency counter, power meter, and real-time computer for measurement operations, or as ATE combining these functions, as well as a spectrum analyzer. Also, various support software is available to enable connection to factory automation LANs (local area networks).

## Main applications

- Measuring transmission quality such as spurious emissions from radio communication equipment
- Measuring electromagnetic interference (EMI)
- Testing high-frequency parts such as RF converters and tuners
- Measuring various devices such as filters and ICs

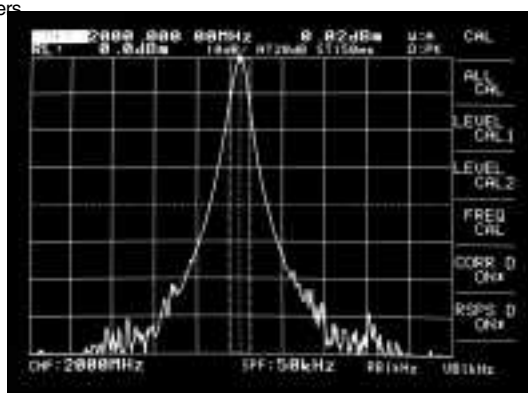
## Measurement examples

**Correct frequency count even at 2.2 GHz-span sweep**
The zone markers can be aligned with the desired signal even while observing the entire signal at full span sweep. A 2.2 GHz signal frequency can be measured at 1 Hz resolution (see below).

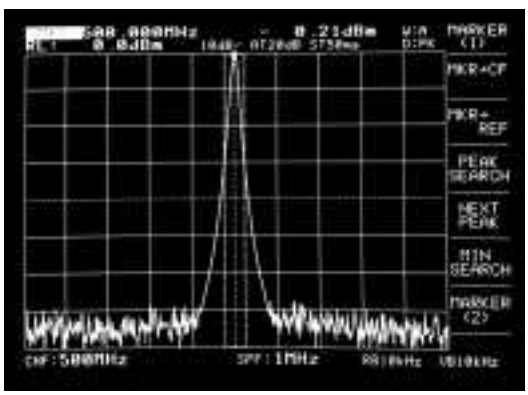



 For product ordering information, see pages 4-7.

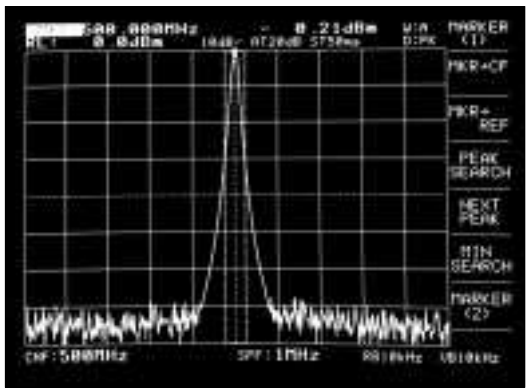
**Overall level accuracy of ±1 dB**
Reproducible high-accuracy level measurements are ensured through internal signal calibration, initiated simply by pressing the CAL key on the MS2601B/K (see below). In addition, there is little cumulative LOG linearity error so that measurements of transmission characteristics are carried out with the same high accuracy achieved by network analyzers.




**Zone marker easily locates signals.**
This zone marker function (patent pending) has been developed to reduce the measurement time. Simply enter zone markers around the signal frequency and the peak value within that zone will be measured with 0.03 dB resolution and displayed, even if the exact frequency varies. This eliminates troublesome marker adjustment to the signal peak each time you want to read the frequency and level (see below). The frequency-adjustment capability for an oscillator under test has been increased remarkably, and the frequency display remains visible during adjustment.




**Frequency axis scroll function**
Sometimes the signal on the left or right of the displayed portion must be examined in detail during a slow sweep (see below). Just press the scroll key to move the display two divisions left or right on the screen. This permits areas beyond the edge of the screen to be displayed without waiting for a new sweep to display the entire waveform.




**EMI measurement**
In addition to providing a QP detector and three resolution bandwidths and time constants based on CISPR standards, antenna calibration coefficients are automatically calculated to facilitate easy EMI measurement.

## Application software

**MX4102B Transmitter Test System Software**
The MX4102B software can be used for efficient testing of mobile transmitter equipment that uses PTA (optional). This software can be used to measure frequency, high-order harmonic spurious components (second to fifth order harmonics), occupied bandwidths, and the adjacent channel power.

## Specifications

| Model | | MS2601B | MS2601K |
|---|---|---|---|
| Frequency | Measurement frequency range | 9 kHz to 2.2 GHz | |
| | Frequency setting | 0 to 2210 MHz (stop frequency: ≥1 kHz) | |
| | Display resolution | 20 Hz | |
| | Setting mode | CENTER/SPAN, START/SPAN, START/STOP<br>Set frequency span (stop freq.– start freq.) to 2 digit value (10 to 98) | |
| | Frequency display accuracy | ±(100 Hz + freq. span x 2% + display freq. x reference freq. accuracy)<br>For CENTER/SPAN or START/SPAN mode, after auto-calibration, provided that freq. span is ≥10 kHz and sweep time is ≤100 s | |
| | Frequency span | Setting range: 1 kHz to 2200 MHz for horizontal 10 divisions, 2-digit (10 to 98) variable, and 0 Hz (fixed tuning)<br>1 kHz to 2000 MHz, 1-2-5 sequence at step keys<br>Readout accuracy: ±2% (sweep time ≤100 s) | |
| | Resolution | Resolution bandwidth: 30 Hz to 1 MHz (3 dB bandwidth), variable in 1-3 sequence, can be selected manually or automatically coupled to frequency span<br>Resolution bandwidth accuracy: ±20%<br>Selectivity: ≤15 : 1 (ratio of 60 dB and 3 dB bandwidth) | |
| | Stability | Residual FM: ≤20 Hz p-p/0.1 s (frequency span; ≤500 kHz)<br>Drift: ≤300 Hz/min (frequency span; ≤500 kHz, sweep time; ≤100 s, after 1-hour warm-up at constant ambient temperature) | |
| | Sideband noise | ≤–80 dBc (at 100 Hz resolution bandwidth, 1 Hz video bandwidth, 10 kHz from signal) | |

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| | Model | | MS2601B | MS2601K |
|---|---|---|---|---|
| Frequency | Reference oscillator | | Frequency: 10 MHz<br>Stability<br>Starting characteristic: Within ±5 x $10^{-8}$(after 20-minute warm-up, referred to frequency after 1-hour warm-up)<br>Aging rate: Within ±2 x $10^{-8}$/day, ≤1 x $10^{-7}$/year (referred to frequency after 24-hour warm-up)<br>Temperature characteristic: Within ±5 x $10^{-8}$(referred to frequency at 25°C)<br>External reference input<br>Frequency: 10 MHz, Level: 2 to 5 Vp-p | |
| | Markers | NORMAL | Function: Displays frequency at tunable marker<br>Display accuracy: Same as center frequency display accuracy | |
| | | Delta | Function: Displays frequency difference between reference marker and tunable marker<br>Display accuracy: Same as frequency span display accuracy | |
| | | COUNT | Function: Displays received signal frequency at marker<br>Resolution: 1 Hz, 10 Hz, 100 Hz selectable<br>Accuracy: Display frequency x reference frequency accuracy ±(2 counts or 20 Hz, whichever is greater) | |
| Amplitude | Measurement range | | –130 to +20 dBm | –124 to +20 dBm |
| | Display | | Divisions:<br>8 divisions on vertical axis when top line is reference level and scale is 10 dB/div<br>10 divisions on vertical axis for other scales<br>LOG (referred to reference level):<br>0 to –70 dB (10 dB/div), 0 to –50 dB (5 dB/div), 0 to –20 dB (2 dB/div), 0 to –10 dB (1 dB/div)<br>LIN: 10%/div of reference level (calibrated in voltage, unit: V)<br>Linearity<br>LOG: ±0.2 dB/0 to –10 dB, ±0.3 dB/0 to –20 dB, ±0.5 dB/0 to –50 dB (resolution bandwidth of 100 Hz to 1 MHz), ±1 dB/0 to –70 dB (resolution bandwidth of 100 Hz to 100 kHz), after automatic calibration<br>LIN: ±3% of reference level (fullscale) | |
| | Frequency response (20° to 30°C) | | ±0.5 dB (100 kHz to 2.0 GHz), ±1.5 dB (9 kHz to 2.2 GHz), input ATT at 20 dB | ±0.5 dB (100 kHz to 1.5 GHz), ±1.5 dB (9 kHz to 2.2 GHz), input ATT at 20 dB |
| | Reference level | Setting range | LOG: +20 to –100 dBm (setting resolution 0.1 dB), 2240 mV to 2.20 µV<br>LIN: 2240 mV to 70.8 µV | LOG: +20 to –100 dBm (setting resolution 0.1 dB), 2750 mV to 2.70 µV<br>LIN: 2750 mV to 87.1 µV |
| | | Accuracy | ±0.3 dB (0 to –50 dBm), ±0.75 dB (+20 to –70 dBm) after automatic calibration at frequency of 50 MHz and frequency span ≤2 MHz (resolution bandwidth, video bandwidth, sweep time, and input ATT settings at AUTO) | |
| | Resolution bandwidth switching deviation | | ±0.3 dB (after automatic calibration) | |
| | Dynamic range | Average noise level | ≤–120 dBm (frequency 1 MHz to 2 GHz) with 0 dB input ATT, 300 Hz resolution bandwidth, 1 Hz video bandwidth | ≤–114 dBm (frequency 1 MHz to 2 GHz) with 0 dB input ATT, 300 Hz resolution bandwidth, 1 Hz video bandwidth |
| | | 2nd and 3rd harmonic distortion | ≤–75 dB (frequency 5 to 800 MHz) when 0 dB input ATT and –30 dBm input level | |
| | | Residual response | ≤–100 dBm (frequency ≥500 kHz) when 0 dB input ATT and 50 Ω input termination | ≤–95 dBm (frequency ≥500 kHz) when 0 dB input ATT and 75 Ω input termination |
| | Marker | | Normal: Displays the level at settable marker<br>Delta: Displays the difference in levels between the settable marker and the reference marker<br>Noise measurement: Both the power of noise per 1 Hz bandwidth (dBm/Hz, dBc/Hz), and the adjacent channel power (dBm/ch, dBc/ch) can be measured. | |
| | Video bandwidth | | 1 Hz, 10 Hz, 100 Hz, 1 kHz, 10 kHz, 100 kHz, OFF (selected manually or automatically coupled to resolution bandwidth) | |
| | Level unit | | dBm, dBµV, dBmV, dBµV (emf), dBµV/m | |
| | LOG/LIN switching loss | | ≤±1 dB (after calibration at room temperature) | |
| | Quasi-peak detection | | 6 dB bandwidth: 200 Hz, 9 kHz 120 kHz ±30% (at room temperature)<br>Time constants for quasi-peak detection<br>Charge-time constant: 45 ms (for 6 dB bandwidth at 200 Hz), or 1 ms (for 6 dB bandwidth at 9 kHz and 120 kHz)<br>Discharge-time constant: 500 ms (for 6 dB bandwidth at 200 Hz), 160 ms (for 6 dB bandwidth at 9 kHz), or 550 ms (for 6 dB bandwidth at 120 kHz)<br>Display time constant: 160 ms (for 6 dB bandwidth at 200 Hz and 9 kHz), or 100 ms (for 6 dB bandwidth at 120 kHz)<br>Display: LOG scale; 5 dB/div (10 div)<br>Linearity: ±1 dB (for –40 to 0 dB carrier wave signal, at room temperature) | |
| | Field strength measurement | | Antenna correction coefficients for correct display and measurement of field strengths (dBµV/m) can be selected for certain antennas. Antenna correction coefficients have been stored in memory for the following antennas:<br>MP534A/651A, MP635A/666A, MP414B<br>The user may define and store antenna coefficients (for one antenna) via the GPIB interface. | Any set of user-defined antenna correction can be selected for correct display and measurement of field strengths (dBµm). The user may define and store antenna coefficients (for one antenna) via the GPIB interface. |
| | RF input | Impedance | 50 Ω, VSWR ≤1.5 (input ATT; ≥10 dB, frequency; ≥30 kHz), N-type connector | 75 Ω, VSWR ≤1.5 (input ATT; ≥10 dB, frequency; 30 kHz to 2 GHz), NC-type connector |
| | | Maximum input level | +25 dBm (input ATT; ≥10 dB), DC: ±50 V | +25 dBm (input ATT; ≥10 dB), DC: ±100 V |
| | Input ATT | | Attenuation: 0 to 50 dB, in 10 dB steps (selected manually or automatically coupled to reference level)<br>Switching accuracy: ±1 dB (100 kHz to 1.5 GHz), ±2.0 dB (9 kHz to 2.2 GHz) | |
| Sweep | Sweep time | | Setting range:<br>50 ms to 1000 s variable in 1-1.5-2-3-5-7 sequence. Range can be selected manually or automatically according to frequency span, resolution bandwidth, and video bandwidth. It can also be set from 50 ms to 1000 s (according to the most significant 2-digits) via the GPIB interface.<br>Accuracy: ≤±15% (for 50 ms to 100 s range) or ≤±30% (for 100 to 1000 s range) at room temperature | |
| | Trigger | | FREE RUN, LINE, VIDEO, SINGLE, EXT TRIGGER | |
| | Sweep range | | Normal: Sweeps entire range, Zone marker width setting range: 1 to 501 points (odd numbers)<br>Zone sweep: Sweeps range between zone markers, Zone marker width setting range: 25 to 501 points (odd numbers) | |

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| Model | | MS2601B | MS2601K |
|---|---|---|---|
| CRT display | CRT | Six-inch electromagnetic deflection type (green display color) | |
| | Display items | Graticule (grid), waveform data, setting conditions, menu, title | |
| | Waveform data display method | The display screen uses digital storage, 501 points of data for horizontal-axis data, and 2 display channels (A and B): Either channel can be selected for NORMAL, AVERAGE, MAX-HOLD, or MIN-HOLD waveforms, but only channel A can be used for the CUMULATIVE and OVERWRITE mode of displaying stored data. Channels A and B can be displayed simultaneously. | |
| | Detection method | PEAK, SAMPLE and DIP can be selected. | |
| | Direct plotting | Screen data can be hard-copied to a plotter or printer via the GPIB interface (RS-232C interface for option 02)<br>Plotter compatibility: HP-GL or GP-GL compatible<br>Printers: EPSON's VP-870 (or compatible models), or Hewlett-Packard's 2225 | |
| Automatic calibration | | ALL CAL: Calibrates all LEVEL CAL 1, LEVEL CAL 2 and FREQ CAL functions<br>LEVEL CAL 1: Calibrates total gain deflection and log linearity<br>LEVEL CAL 2: Calibrates resolution bandwidth, reference level, and LOG/LIN switching deflection<br>FREQ CAL: Calibrates local frequency errors, and the center frequency of the resolution bandwidth<br>QP CAL: Calibrates the on/off switching error apparent in quasi-peak detection | |
| Function memory | | Internal memory: Save/recall 6 setting conditions<br>PMC: Save/recall 12 (32 KB) or 48 (128 KB) setting conditions and measurement data | |
| External control | | GPIB (IEEE488, IEC625-1, 24 pins): All functions except power switch, CRT intensity, PMC control, GPIB address, AM/FM modulator (option 07) and direct plotting controlled.<br>Interface: SH1, AH1, T6, L4, SR1, RL1, PP0, DC1, DT1, C0 | |
| Auxiliary signal input and output | | IF output<br>Frequency: 3.6 MHz, Output level: 0 dBm ±3 dB (at the reference line on the CRT), Connector: BNC-type<br>50 MHz output<br>Frequency: 50 MHz, Output level: –2 dBm ±3 dB, Connector: BNC-type<br>X, Y and Z outputs<br>X-axis output: From 0 V (left edge) to 10 ±1 V (right edge), terminated at ≥100 kΩ, BNC-connector<br>Y-axis output*1: From 0 V (lower edge) to 1 ±0.3 V (upper edge), terminated at ≥100 kΩ, BNC-connector<br>Z-axis output: TTL level (level is low while sweep is in progress), BNC-connector<br>Video output<br>Composite: 1 Vp-p ±0.3 V, BNC-connector<br>Separate: 8 pins, DIN-connector<br>Probe power supply: +5 V ±10%, +15 V ±10%, –15 V ±10% (each 110 mA max.), 4-pole connector<br>External trigger input: TTL level (rising edge active), BNC-connector<br>External reference signal input: Use 10 MHz, 2 to 5 Vp-p reference input signal (input impedance: ≥2 kΩ), BNC-connector | |
| Power | | *2Vac $^{+10}_{-15}$%, 50/60 Hz, ≤145 VA (DC operation with MZ144A Battery Pack or MZ145B DC/DC Converter) | |
| Dimensions and mass | | 284 (W) x 177 (H) x 451 (D) mm, ≤18.5 kg (without options) | |
| Operating temperature range | | 0° to 50°C | |
| EMC*3 | | EN55011: 1991, Group 1, Class A<br>EN50082-1: 1992 | |

*1: Since Y-axis outputs are not automatically calibrated, their amplitude specifications are not guaranteed.
*2: Specify one nominal line voltage between 100 and 240 V when ordering. Maximum operational voltage is 250 V.
*3: Electromagnetic Compatibility

## Options

**• Option 01: PTA (with external keyboard), Option 04: PTA (without keyboard)**

| PTA model | PTA-S201 |
|---|---|
| Display | Number of display characters: 57 characters x 25 lines (small), 48 characters x 25 lines (medium), 41 characters x 25 lines (large)<br>Displayable characters: Upper-case and lower-case characters, numerals, special symbols, and cursor<br>Character font: 7 x 11 dot matrix (small), 9 x 13 dot matrix (medium ), 10 x 13 dot matrix (large)<br>Graphic: 4 screens, 400 x 575 dots |
| Keyboard | Character keys: Upper-case and lower-case characters, numerals, and special symbols<br>Editing keys: DEL, INS, < , > , ∨ , ∧<br>Command keys: RUN, STEP, RETURN, RES |
| PTL | Program area: 200 KB<br>Commands: Basic commands (18 types) and GPIB statements (2 types)<br>Functions: Arithmetic functions, logical functions, and system functions<br>System subroutines: Display subroutines and GPIB subroutines<br>Variables: Numeric, string, and system variable<br>Interfaces: GPIB and I/O ports, RS-232C and I/O port (Option 02) |

**• Option 02: RS-232C interface**

| Communication mode | Start-stop, full-duplex |
|---|---|
| Baud rate | 300, 600, 1200, 2400, 4800 bps |
| Data bit | 7, 8 |
| Parity bit | Odd, even, none |
| Start bit | 1 bit |
| Stop bit | 1, 1.5, 2 bits |
| Control items | All items except power on/off, CRT intensity, PMC management, AM/FM modulator (Option 02), direct plotting and RS-232C parameters |
| Connector | DB-25P or equivalent |

*For product ordering information, see pages 4-7.*

**• Option 05: Following changes to specifications**

| Option | | MS2601B option 05 | MS2601K option 05 |
|---|---|---|---|
| Frequency measurement range | | 100 Hz to 2.2 GHz | |
| Amplitude | Frequency response | ±0.5 dB (100 Hz to 2.0 GHz), input ATT at 20 dB, temperature range 20° to 30°C | ±0.5 dB (100 Hz to 1.5 GHz), input ATT at 20 dB, temperature range 20° to 30°C |
| | Dynamic range | Average noise level:<br>Following added to standard model<br>≤–80 dBm (1 to 10 kHz)<br>≤–100 dBm (10 to 100 kHz)<br>≤–110 dBm (100 kHz to 1 MHz)<br>At 0 dB input ATT, 30 Hz RBW, 1 Hz VBW | Average noise level:<br>Following added to standard model<br>≤–74 dBm (1 to 10 kHz)<br>≤–94 dBm (10 to 100 kHz)<br>≤–104 dBm (100 kHz to 1 MHz)<br>At 0 dB input ATT, 30 Hz RBW, 1 Hz VBW |
| | RF input | Impedance: 50 Ω, VSWR ≤1.5<br>At ≥10 dB input ATT, ≥100 Hz frequency | Impedance: 75 Ω, VSWR ≤1.5<br>At ≥10 dB input ATT, 100 Hz to 2 GHz frequency |
| | | Maximum input level: +25 dBm (≥10 dB input ATT), DC ±0 V | |
| | Input ATT switching accuracy | ±1.0 dB (1 kHz to 1.5 GHz), ±2.0 dB (1.5 to 2.0 GHz) | |

## Ordering information

Please specify model/order number, name, and quantity when ordering.

| Model/Order No. | Name |
|---|---|
| | **Main frame** |
| MS2601B | Spectrum Analyzer (RF input: 50 Ω) |
| MS2601K | Spectrum Analyzer (RF input: 75 Ω) |
| | **MS2601B standard accessories** |
| J0025A | Coaxial cord, N-P-5W • 5D-2W • N-P-5W, 1 m: 1 pc |
| J0104 | Coaxial cord, UG-88U • RG55/U • N-P-55U, 1 m: 1 pc |
| J0017 | Power cord, 2.5 m: 1 pc |
| F0012 | Fuse, 3.15 A: 2 pcs |
| P0005 | Memory card, 32 KB: 1 pc |
| | MS2601B/K operation manual: 1 copy |
| | MS2601B/K service manual: 1 copy |
| | **MS2601K standard accessories** |
| J0308 | Coaxial cord, BNC-P • 3C-2WS • NCP-3W, 1 m: 1 pc |
| J0121 | Coaxial cord, NCP-3W • 3C-2WS • NCP-3W, 1 m: 1 pc |
| J0017 | Power cord, 2.5 m: 1 pc |
| F0012 | Fuse, 3.15 A: 2 pcs |
| P0005 | Memory card, 32 KB: 1 pc |
| | MS2601B/K operation manual: 1 copy |
| | MS2601B/K service manual: 1 copy |
| | **Options** |
| MS2601-01 | PTA (with external JIS type PTA keyboard) |
| MS2601-02 | RS232C interface (used in exchange for GPIB interface) |
| MS2601-04 | PTA (without PTA keyboard) |
| MS2601-05 | Frequency range: 100 Hz to 2.2 GHz (MS2601B: with MA8601A, MS2601K: with MA8601J) |
| MS2601-07 | AM/FM Modulator (cannot be installed simultaneously with Option 09) |
| MS2601-08 | Protector (cannot be installed simultaneously with B0025 protective front cover) |
| MS2601-09 | Tilt Handle (cannot be installed simultaneously with Option 07) |
| | **Optional instruments and parts** |
| MC3305A | JIS Type PTA Keyboard |
| MC3306A | ASCII Type PTA Keyboard |
| MX4102B | Transmitter Test System Software |
| P0007 | Memory card, 128 KB |
| P0008 | Memory card, 256 KB |
| MA8601A | DC Block Adapter (50 Ω) |
| MA8601J | DC Block Adapter (75 Ω) |
| MH680A1 | Tracking Generator |
| MA8610A | Pre-amplifier (9 kHz to 2.2 GHz) |
| MH648A | Pre-amplifier |
| MZ144A | Battery Pack |
| MZ145B | DC/DC Converter |
| MP534A | Dipole Antenna |
| MP651A | Dipole Antenna |

| Model/Order No. | Name |
|---|---|
| BBA9106 | Biconical antenna (30 to 300 MHz, 50 Ω) |
| 6502 | Loop antenna (10 kHz to 30 MHz, 50 Ω) |
| MP635A | Log-periodic Antenna |
| MP666A | Log-periodic Antenna |
| MB18B | Pole (for MP666A) |
| MB9A | Tripod |
| MB19A | Tripod (with a pole, for MP635A/666A) |
| MP414B | Loop Antenna (9 kHz to 30 MHz, 3 bands) |
| MP415B | Rod Antenna (9 kHz to 30 MHz, 3 bands) |
| MZ126A | Band Selector (for MP414B/MP415B) |
| MP612A | RF Fuse Holder (DC to 1000 MHz, 50 Ω) |
| MP613A | Fuse Element (5 pcs/set, for MP612A) |
| MP640A | Branch |
| MP654A | Coupler |
| J0063 | Fixed attenuator for high power measurement (10 W, DC to 12.4 GHz, 30 dB) |
| J0395 | Fixed attenuator for high power measurement (30 W, DC to 9 GHz, 30 dB) |
| MP526A | High-Pass Filter (for 60 MHz band) |
| MP526B | High-Pass Filter (for 150 MHz band) |
| MP526C | High-Pass Filter (for 250 MHz band) |
| MP526D | High-Pass Filter (for 400 MHz band) |
| MP526G | High-Pass Filter (for 27 MHz band) |
| B0215 | Rack mount |
| B0213 | Carrying case (with casters) |
| B0214 | Carrying case (without casters) |
| B0225 | Carrying bag (with casters) |
| B0226 | Carrying bag (without casters) |
| B0025 | Protective front cover (cannot be installed simultaneously with option 08) |
| B0029 | Stacking feet |
| B0038 | Front handle kit |
| B0231 | CRT hood |
| MP520A | CM Directional Coupler |
| MP520B | CM Directional Coupler |
| MP520C | CM Directional Coupler |
| MP520D | CM Directional Coupler |
| MP614A | 50/75 Ω Impedance Transformer |
| MB009 | 50/75 Ω Impedance Transformer |
| MA2601B | EMI Probe |
| MA2601C | EMI Probe |
| KT-10 | EMI clamp |
| P6201 | FET probe (Tektronix product) |
| MA8611A | EMI Probe Kit (case, MA2601B, MA2601C, MA8610A, cable) |
| | Case for MA8611A |


*For product ordering information, see pages 4-7.*