

# RF-Master

## Portable RF measurement tool for field service

RF-Master integrates multiple functions for field RF service and measurement into one portable platform and communicates with a tablet by Wi-Fi communication

This flexible and multi-function test solution offers an opportunity to reduce OPEX and CAPEX across the whole network lifecycle, from initial deployment, to maintenance and upgrades, by saving up front equipment cost and staffing expense.

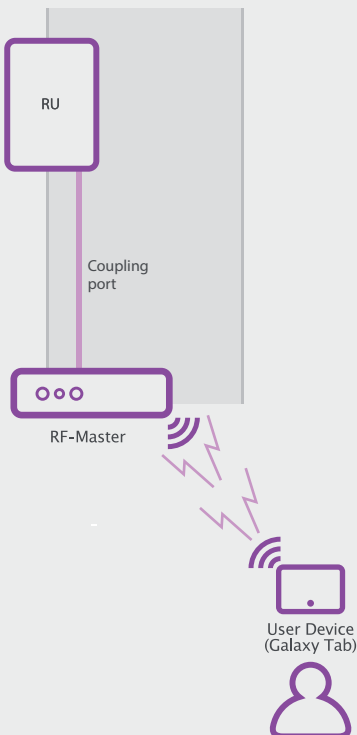
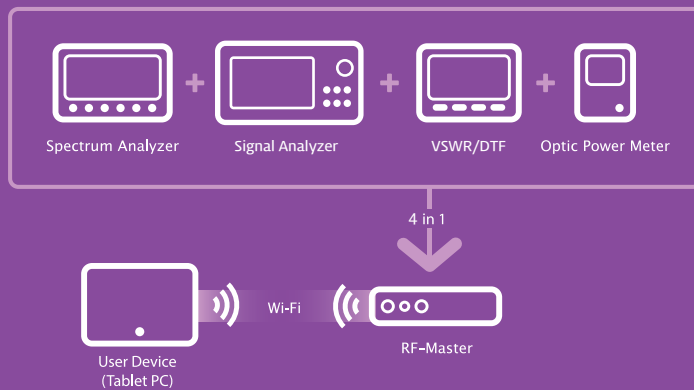
### Use RF Master for

- Field network maintenance service
- Instant measurement and analysis

### Benefits

- Compact design, one man operable
- Immediate diagnose and trouble shooting
- Easy to learn and convenient to use
- Simple extension of function by S/W upgrade
- Rechargeable battery operated
- High mobility for operation efficiency
- User-defined auto testing
- Economic and low operating cost

### RF-Master System Configuration



### Key Features

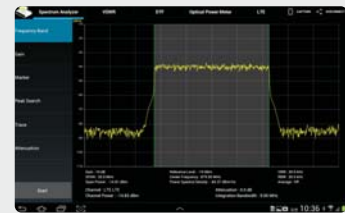
Spectrum Analyzer Mode	Channel Power Measurement	<ul style="list-style-type: none"> <li>Frequency Band : 450MHz~3.8GHz (* Refer to the datasheet for details)</li> <li>Amplitude Accuracy : <math>\pm 1.0\text{dB}</math></li> <li>MAX Span : 100 MHz</li> <li>Power Density Display</li> </ul>
	Marker	<ul style="list-style-type: none"> <li>Marker (Max10 Markers)</li> <li>Marker Delta</li> <li>Peak Search</li> </ul>
	Others	<ul style="list-style-type: none"> <li>Averaging Function</li> <li>Support Input Atten. Control &amp; Offset</li> <li>Trace MIN/MAX</li> </ul>
Signal Analyzer Mode		<ul style="list-style-type: none"> <li>Channel Power</li> <li>Occupied BW</li> <li>Power vs. Time</li> <li>Spectrum Emission Mask</li> <li>ACLR</li> <li>DL Demodulation</li> </ul>
VSWR/DTF Test Mode		<ul style="list-style-type: none"> <li>VSWR:1.05 ~ 30</li> <li>Distance to Fault Measurement (FDR Algorithm)</li> </ul>
Optical Power Meter Mode		<ul style="list-style-type: none"> <li>16 Standard Wavelengths 1270, 1290, 1310, 1330, 1350, 1410, 1430, 1450, 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610 nm</li> <li>Connector Type : Universal</li> </ul>

# RF-Master

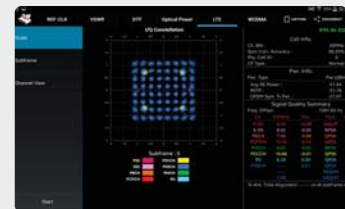
## Specification

Classification	Item	Specification
Body	Size	215 x 55 x 196 mm <sup>3</sup> (W x H x D)
	Weight	2.6kg (Including Battery)
Power	Battery Life	2.5 Hours or more *
Environments	Operating Temp.	-10 ~ +50°C
	Humidity	85% or less

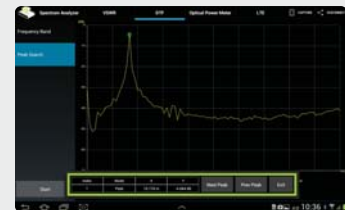
\* Based on Accuver engineering testing



Spectrum Analyzer Mode



Signal Analyzer Mode



VSWR/DTF Test Mode



Optical Power Meter Mode