

Anritsu envision:ensure

CPRI Technology

Product Selection Guide



CPRI RF Measurements

One of the biggest issues facing operators is interference on the uplink which can drastically affect KPIs. By tapping into the CPRI fiber link, the uplink spectrum can be monitored. The CPRI RF measurement option allows the user to make RF based measurements over a fiber optic CPRI link between the BBU & RRU.

The ultra-fast sweep speed of the CPRI RF measurements makes it easy to capture and analyze transient and bursty signals typical of many types of interference. For added convenience, the user may tune to anywhere within the spectrum and zoom in for more detailed analysis.

Anritsu now offers a CPRI RF option on several of our handheld test devices. See the matrix below to help guide the selection of which product is right for your needs.

Application	Anritsu Products	If You Need
Base Station Testing / Interference Hunting	MT8220T BTS Master MT8212E Cell Master (BTS) MT8213E Cell Master (BTS)	Maintain BTS Demod LTE/UMTS/CDMA Sweep RF Cables & Antennas Interference Hunting CPRI RF
Spectrum Analysis / Interference Hunting	MS2712E Spectrum Master (SPA + Demod) MS2713E Spectrum Master (SPA + Demod) S332E Site Master (VNA + SPA) S362E Site Master (VNA + SPA)	Demod LTE/UMTS/CDMA (Spectrum Master Only) Interference Hunting CPRI RF
Cable & Antenna Line Sweeping	S331E Site Master (VNA) S361E Site Master (VNA) S332E Site Master (VNA + SPA) S362E Site Master (VNA + SPA)	Sweep RF Cables & Antennas CPRI RF
Backhaul & Transport Testing	MT1000A/MU100040B Network Master Pro	OTDR/Fiber Test Optical Connector Inspection Fiber Backhaul to 10G/100G CPRI Transport CPRI RF



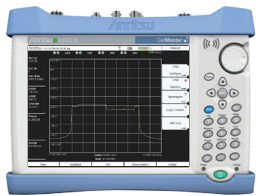
MT8220T
BTS Master
Cable & Antenna Analyzer,
Spectrum Analyzer,
Demodulation (LTE, UMTS, CDMA, GSM),
Vector Signal Generator
 400 MHz - 6 GHz VNA frequency
 150 kHz - 7.1 GHz SPA frequency



S332E
Site Master
Cable & Antenna Analyzer +
Spectrum Analyzer
 2 MHz - 4 GHz VNA frequency
 100 kHz - 4 GHz SPA frequency



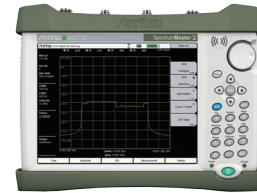
MS2712E
Spectrum Master
Compact Spectrum Analyzer
 9 kHz - 4 GHz frequency



MT8212E
Cell Master
Cable & Antenna Analyzer,
Spectrum Analyzer,
Demodulation (LTE, UMTS, CDMA, GSM)
 2 MHz - 4 GHz VNA frequency
 9 kHz - 4 GHz SPA frequency



S362E
Site Master
Cable & Antenna Analyzer +
Spectrum Analyzer
 2 MHz - 6 GHz VNA frequency
 100 kHz - 6 GHz SPA frequency



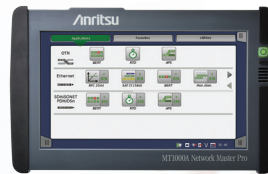
MS2713E
Spectrum Master
Compact Spectrum Analyzer
 9 kHz - 6 GHz frequency



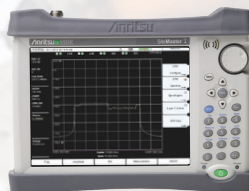
MT8213E Cell Master
Cable & Antenna Analyzer,
Spectrum Analyzer,
Demodulation (LTE, UMTS, CDMA, GSM)
 2 MHz - 6 GHz VNA frequency
 9 kHz - 6 GHz SPA frequency



S361E
Site Master
Cable & Antenna Analyzer
 2 MHz - 6 GHz frequency



MT1000A
Network Master Pro
Optical Transport Analyzer,
OTDR, Ethernet
 MU100011A 100G Transport Module
 MU100020A OTDR Module
 1310/1550 nm SMF
 MU100021A OTDR Module
 1310/1550/850/1300 nm SMF/MMF
 MU100022A OTDR Module
 1310/1550/1625 nm SMF
 MU100010A 10G Transport Module
 Ethernet, SONET, OTN, CPRI to 10G
 MU100040B CPRI RF Module



S331E
Site Master
Compact Handheld Cable
and Antenna Analyzer
 2 MHz - 4 GHz VNA frequency
 1 port phase

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