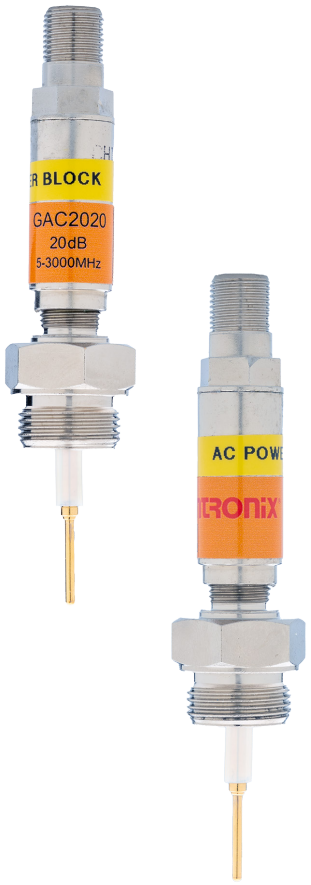
Features and Benefits

Antronix MHT Test Probe
GAC2020

The Antronix GAC2020 is a test probe specifically designed for the Milenium NXT 2.0 GHz multi-tap and line passive. The probe allows technicians to test RF signal levels of the ports on the MHT series of taps and line passives for input and output levels. The probe is custom made to be inserted into the 5/8-24 port to easily get

- **Testing frequency from 5-2000 MHz**
- **Easy access to port that doesn't require interfering with tap connectivity**
- **Readings achieved by accessing the screwless seizure mechanism that is built into the MHT 2.0 GHz series of multi-taps and line passives**
- **Designed for horizontal aerial and vertical underground accessibility so technicians do not have to move or flip the multi-tap to get readings**
- **Internal AC Block to prevent AC damage to test equipment**



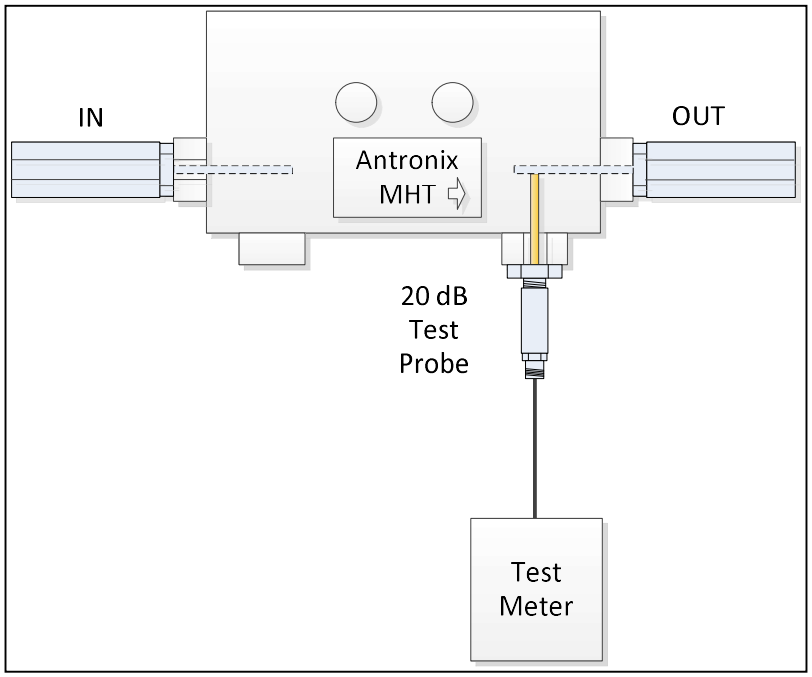
	Frequency (MHz)	Nominal	Tolerance
Test Probe Coupling Loss (Tap Input to Probe Output) (dB)	5-1800	-20	±1.0*
	1800-2000	-20	+1.0
			-2.0

Insertion Loss during Measurement with Probe** (dB)	5	-3.5	±0.5
	1000	-3.5	±0.5
	1200	-4.3	±0.5
	1400	-5.0	±0.7
	1600	-5.4	±0.7
	1800	-5.8	±1.0
	2000	-6.1	±1.0

* ±1.5 dB when test probe used on terminating tap (2 way 4 dB tap, 4 way 8 dB tap, 8 way 11dB tap)

** While using the probe, the Insertion Loss of the tap will be impacted only when the probe is inserted in the test port. Measured from Tap Input to Tap Output while probe is inserted.

440 Forsgate Drive, Cranbury, NJ 08512 • T: 609.860.0160 • F: 609.860.1687 • antronix.com

To Determine Signal Level at the Passive:

Screw in the Test Probe in the adjacent port to have a 20 dB Test Point in a cascade.