AMD - GROUP

RADIO TESTESYSTEMS

Analogue Microwaves Design



Handover Test System

The below schematic shows an example of a standard 4 X 2 handover test system. Every possible path from Antenna to Terminal has its own programmable attenuator. With this configuration the simulation of signal fading can be achieved. With Ethernet and USB control, we can provide you with the remote commands to simplify your test setup such as Handover, Variable Handover, Fade Attenuator, and Pause.

Transceiver Test System

The below schematic shows an example of a standard 3 port transceiver test system. Every possible path from port to port has its own programmable attenuator, so you can simulate changing distance in a network. With this configuration you can vary the attenuation between radios. With Ethernet and USB control, we can provide you with the remote commands to simplify your test setup such as Handover, Variable Handover, Fade Attenuator, and Pause.

0	2way Power Divider	Atten #1 (0-127 X 1)	•	2way Power Divider	Atten #1 (0-127 X 1)
₀	2way Power Divider 2way Power Divider	Atten #3 (0-127 X 1) Atten #4 (0-127 X 1) Atten #5 (0-127 X 1) Atten #6 (0-127 X 1)	~	2way Power Divider	- Atten #3 (0-127 X 1)
0	2way Power Divider	Atten #7 (0-127 X 1)	•	2way Power Divider	

P/N : HTS-IN-OU-F

- IN : Number of Antenna
- OU : Number of BTS
- F : Frequency range

Attenuation Range 0—127dB / 1dB step

Technical parameters

- Attendation hange 0 12700/100
- Attenuation accuracy ± 0.4 dB max
- VSWR : 1.6:1 max
- RF input power +30 dBm min
- Power divider isolation 18 dB min

P/N : TTS-IN-IN-F

- IN : Number of port
- F : Frequency range

Available Options

USB, or Ethernet control by Windows or Labview software	Frequency ranges for GSM, UMTS, LTE, and more		
Keypad & LCD display for manual control	Various RF connector options (BNC, TNC, SMA, N, etc.)		
19", rack enclosures	50 Ohm and 75 Ohm impedance		
Benchtop enclosures	Dual redundant power supplies		
Frequency range : A (1-30MHz), B (30-1000 MHz), C (300MHz- 3 GHz), D (400MHz-6GHz)	Test Software Provided		



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