BLUETEST.se

What about TRP Measurements in 1 min/channel?

TRP Measurements for the HP700

TRP Measurements in 1 minute, is that possible?

The Bluetest reverberation chamber technology emulates a rich and isotropic multipath environment. The DUT is exposed to many simultaneous incident waves from uniformly distributed directions. This makes the TRP measurements fast. The testing is not a question of hours anymore, but rather minutes.

Improve your Test Throughput

The easy handling of the HP700 chamber and the MIMO/LTE option makes the testing faster and more effective than with other solutions on the market. HP700 is designed with usability in mind, which means that the down time of the chamber due to maintenance is reduced to a minimum. The calibration is extremely simple and can be performed by the operator in less than 15 minutes.

Best in Class Accuracy, Repeatability and Stability

Accuracy of the measurements in the HP700 is very good and measurements can be repeated again and again with the same result. The robust design of the software and hardware makes the stability something that users don't need to worry about.

Future Proof Investment

Due to the realistic multi-path test method used in HP700 it is easily extended to any future technologies. The design is scalable, which means that an investment only needs to contain the technology that is used in the development right now. Technologies that will be used tomorrow can be added tomorrow. Small foot print means that the chamber easily can be placed at any location in the lab or office and is easily movable to a new place if required.

Specification TRP Option

TRP

Accuracy TRP:	0.5 dB (STD)
Repeatability:	0.2 dB (STD)
Test time TRP (typical):	1 min/channel

Supported Technologies

GSM
GPRS/EDGE
WCDMA
HSPA
CDMA2000
EVDO Rev 0 and A
LTE
Bluetooth
WLAN 802.11b/g

Supported Base Station Simulators

Agilent	8960/N4010A
Anritsu	MT8815/8820/8860
Rohde & Schwarz	CMU 200/CMW500

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General Specification HP700

General Specification

Frequency Range:	650 – 6000 MHz
Accuracy TRP:	0.5 dB (STD)
Accuracy TIS:	0.7 dB (STD)
Repeatability:	0.2 dB (STD)
Test Time TRP (typical):	1 min/channel
Test Time TIS (typical):	10 min/channel
Test Time TIS (Fast TIS option):	3 min/channel*

*GSM and WCDMA

Dimensions

Length:	2000 mm
Height:	2000 mm
Depth:	1400 mm

Supported Technologies

TRP/TIS Measurements:	GSM GPRS/EDGE WCDMA HSPA CDMA2000 EVDO Rev 0 and A LTE Bluetooth WLAN 802.11b/g
Throughput Measurements:	LTE WLAN

Supported Base Station Simulators

Agilent	8960/N4010A
Anritsu	MT8815/8820/8860
Rohde & Schwarz	CMU 200/CMW 500

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