

iQxstream-5G™

5G Sub-6 GHz Cellular Test System



iQxstream-5G Overview

The iQxstream-5G is the industry's first sub-6GHz 5G single-box tester with 200 MHz of bandwidth supporting the 3GPP NR 5G specification evolution, as well as the V5GTF pre-5G specification. With 200 MHz of continuous bandwidth, the iQxstream-5G provides a future-proof test solution investment as the 3GPP NR standards evolve and new sub-6GHz spectrum allocations for 5G are defined worldwide (for example, new spectrum in the 3.3 to 4.9 GHz range). In addition, 200 MHz of continuous bandwidth allows for much faster throughput when performing 5G NR carrier aggregation (CA) signal analysis.

The iQxstream-5G supports both TDD and FDD cellular signals for legacy 2G/3G and mainstream 4G LTE, LAA, and 5G 3GPP NR technologies. In addition, the iQxstream-5G can be software-upgraded to support other wireless technologies, including Wi-Fi (802.11a/b/g/n/p/ah/ac/ax), Bluetooth, ZigBee, NB-IoT, and the popular navigational technologies.

The iQxstream-5G supports up to eight bi-directional VSA and VSG ports thus making it ideal for multi-DUT testing of user equipment (UE) applications like 5G NR smartphones and tablets. All eight ports are factory calibrated which enables a very fast set up in terms of minutes, rather than in hours, as no external switches or combiners are required.

Order Codes

Code	Product
0100-XS5G-001	IQxstream-5G Test System, 8-port. 400 to 6000 MHz RF. Includes General Purpose RF Measurement Toolbox with browser-based Graphical User Interface (GUI) and 1 year hardware warranty
0300-XS5G-001	3GPP NR 5G Software License
0300-XS5G-021	Verizon 5G Technical Forum (5GTF) License
0300-XS5G-005	LTE Measurement Suite Software License. Includes LTE FDD and LTE TDD.
0300-XS5G-007	LTE-Advanced Pro Measurement Suite Software License. Enables LTE release 12 & 13 measurement features.
0300-XS5G-009	UMTS Measurement Suite Software License. Includes GSM / EDGE, W-CDMA / HSPA, W-CDMA / HSPA+.
0300-XS5G-011	CDMA 2000 Measurement Suite Software License. Includes cdmaOne, EV-DO Rev 0, Rev A, Rev B.
0300-XS5G-013	TD-SCDMA Measurement Suite Software License.
Others	Contact LitePoint for Wi-Fi/NB-IoT/BT/ZigBee/Navigational order codes



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(ES) Equipements Scientifiques SA - Département RF & Hyperfréquence - 127 rue de Buzenval BP 26 - 92380 Garches
Tél. 01 47 95 99 60 - Fax. 01 47 01 16 22 - e-mail: hyper@es-france.com - Site Web: www.es-france.com