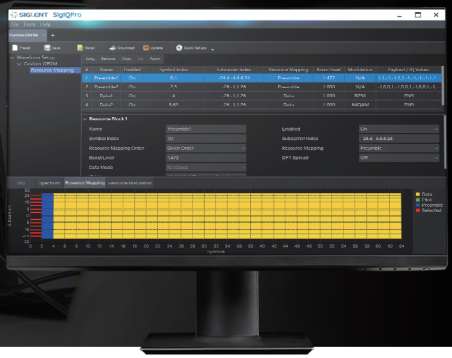
SIGLENT®

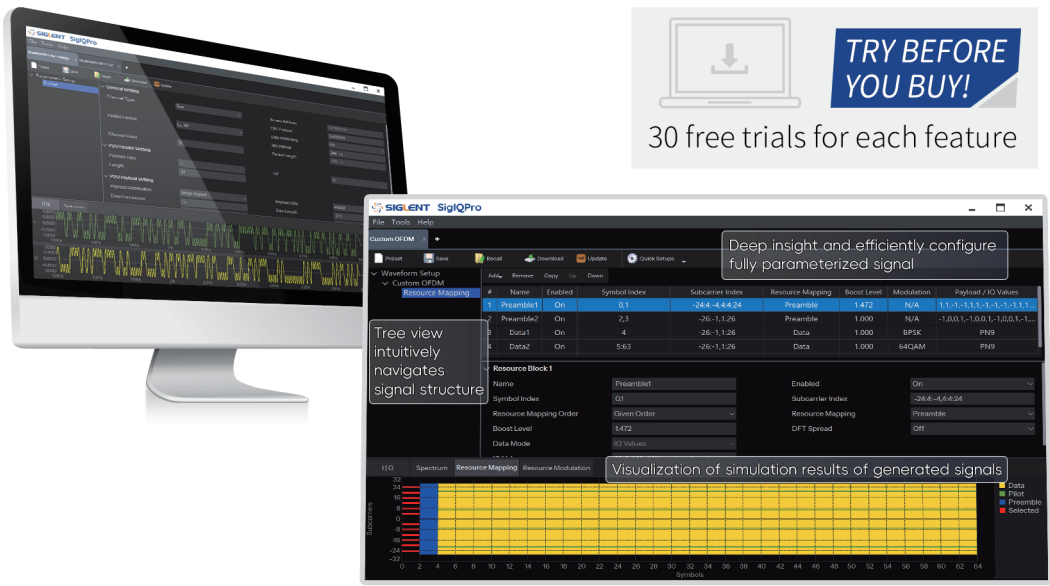
SigIQPro

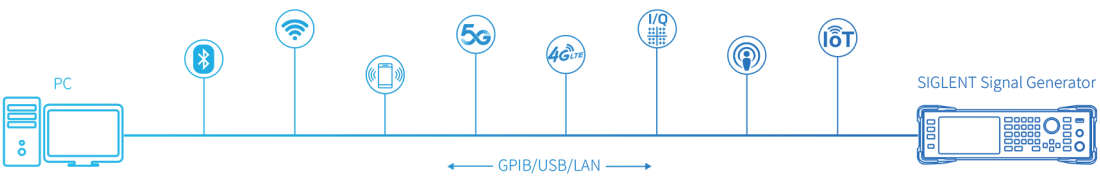
PC Waveform Signal Generation



SIMPLE AND FAST SIGNAL GENERATION

SigIQPro is a flexible PC-based signal generation software that takes signal generation to a whole new level. SIGLENT instruments and SigIQPro signal generation software integrate simulation, design and test to easily meet the needs of users at all stages of design, R&D, and production.

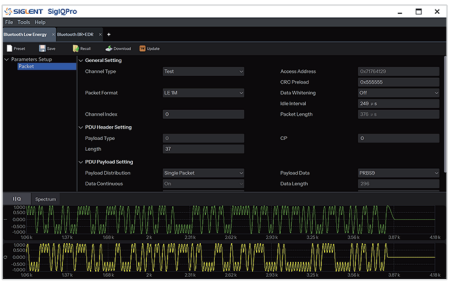




A COMPREHENSIVE TESTING SOLUTION

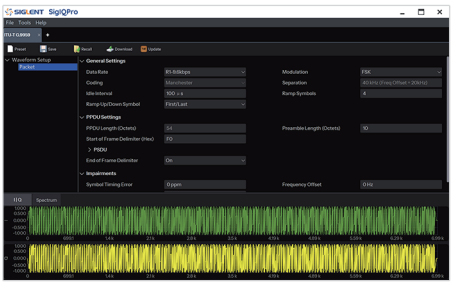
Bluetooth

- Create signals for BR, EDR, LE specifications
- Support 2 Ms/s symbol rate for higher data rate
- Basic and enhanced data rate modulated data streams
- Fully-coded Bluetooth packets with 2-DHx, 2-EVx, 3-DHx, and 3-EVx packet types



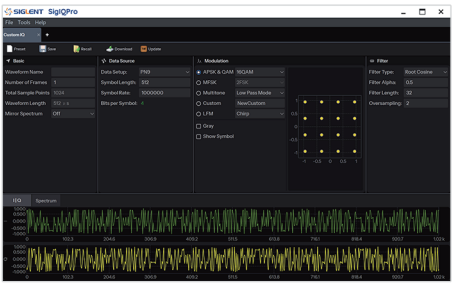
IoT (Internet of Things)

- A principally outdoor, low data rate wireless network
- Typically employ mesh or peer-to-peer multi-hop technology to communicate with an access point
- Create signals for IEEE 802.15.4 SUN FSK and for IEEE 802.15.4 SUN OFDM specifications
- Create signals for IEEE 802.15.4 O-QPSK / BPSK ZigBee and ITU-T G.9959 FSK / GFSK Z-Wave specifications



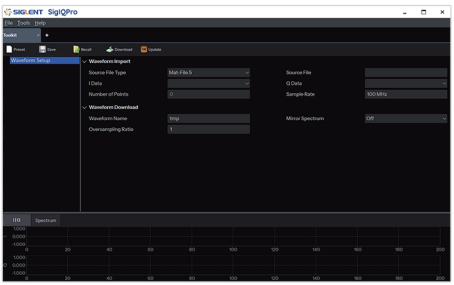
Custom Modulation (Custom IQ and Custom OFDM)

- Custom IQ and Custom OFDM, including Digital modulation, Custom modulation, Multitone and LFM sweep
- Modulation Format:
  2ASK, PR-ASK, 2FSK, 4FSK to 16FSK, MSK, 8QAM, 16QAM to 4096QAM, BPSK, OQPSK, QPSK, 8PSK, DBPSK, DQPSK, D8PSK, PI/4-DQPSK, PI/8-D8PSK, 16APSK, 32APSK



Toolkit

- A file conversion tool, compatible with conversion of various data formats
- Export waveform files (*.arb), project file (*.project) or state files (*.state)
- Import SIGLENT encrypted waveforms (*.arb) or user defined waveforms (*.txt/.csv/.dat, *.mat, *.project, *.state, etc)



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