

FM / AM / RDS / DVB-T/T2 / DVB-S/S2 / DVB-C / DAB / DAB+ / ATSC / ATSC-MDTV / NTSC / CMMB / QAM-B / ATV /
ISDB-T / DTMB / T-DMB / CDMA / PAL / UMTS / Wifi / WiMax / PMR / GPS / Galileo / Glonass / Bluetooth / LTE

WEIVER 2.0 Player

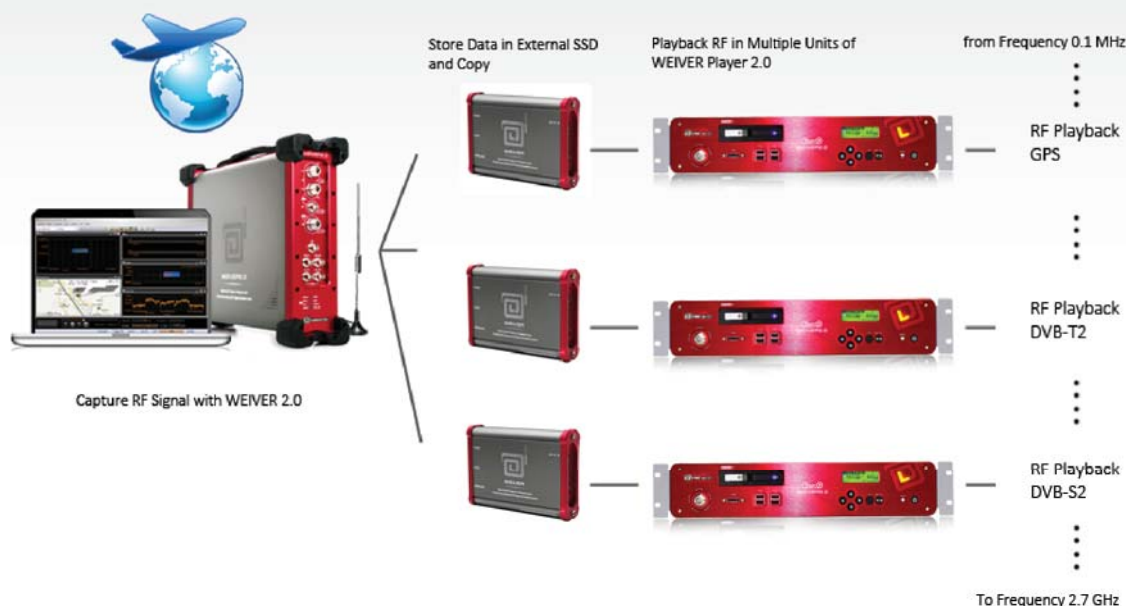
RF PLAYBACK SYSTEM - WEIVER 2.0 Player

Covering frequencies from 100KHz to 2.7GHz Max. 56MHz bandwidth real-time playback



Playback of real world RF signals recorded with WEIVER platform to re-generate real world RF environments that are too complex to exact simulate.

- Frequency Range : 0.1MHz to 2.7GHz and bandwidth (Adjustable bandwidth from 8MHz to 56MHz)
- Arbitrary Waveform Generator with I/Q
- RF Step Attenuation : -30 ~ +30dB in 0.1dB Step (based on Input Level)
- External trigger function
- Secure, versatile connectivity : Gigabit LAN port for convenient operations via computers
- Front control via LCD panel
- Remote controlled from PC Monitor, Mouse, that case is operated by via the same convenient Graphical user interface
- TCP/IP Remote control
- Front access hot swappable SSD drives for smart and easy playback





Frequency

Frequency band	0.1 to 2700 MHz
Real time bandwidth	56MHz max. (Arbitrary variable BW, 1Hz step)
Frequency resolution	1Hz min.
Warm-up time	30 minutes (typ.)
Freq. Stability vs. Temp.	±20 ppb max.
Daily Aging	±1 ppb max.
Aging (PER year)	±50 ppb max.

Spectral Purity

Phase Noise@1 KHz offset	≤ -100 dBc/Hz (30 MHz) ≤ -95 dBc/Hz (1 GHz) ≤ -90 dBc/Hz (2.7 GHz)
Phase Noise@10 KHz offset	≤ -105 dBc/Hz (30 MHz) ≤ -100 dBc/Hz (1 GHz) ≤ -95 dBc/Hz (2.7 GHz)

Spurious Responses

2nd Harmonic	≤ -50dBc
3rd Harmonic	≤ -60dBc
other	≤ -60dBc

RF Output Characteristics

Gain range	-30 ~ +30dB (Input Level Basis)
Amplitude resolution	0.1dB step (Min.)
Amplitude accuracy	±1dB
Power	+3 dBm max.(48 to 2700 MHz) +10 dBm max.(0.1 to 48 MHz)

RF Output

RF output port	50ohm, N type female, DC-cpl
Max. DC input	±25 VDC max.
Max. reverse RF power	1 W (Max.)

Environment

Operating temperature	0 to +50 °C
Relative humidity	90%
Storage temperature	-20 to +70 °C

Power

Input power	100-240V ~ 3-1.5A, 50-60Hz
Lowest Power Consumption	70 Watt

Mechanical

Dimensions	(W)478mm x (H)88mm x (D)462mm
Weight	7.5 Kg (Approx.)