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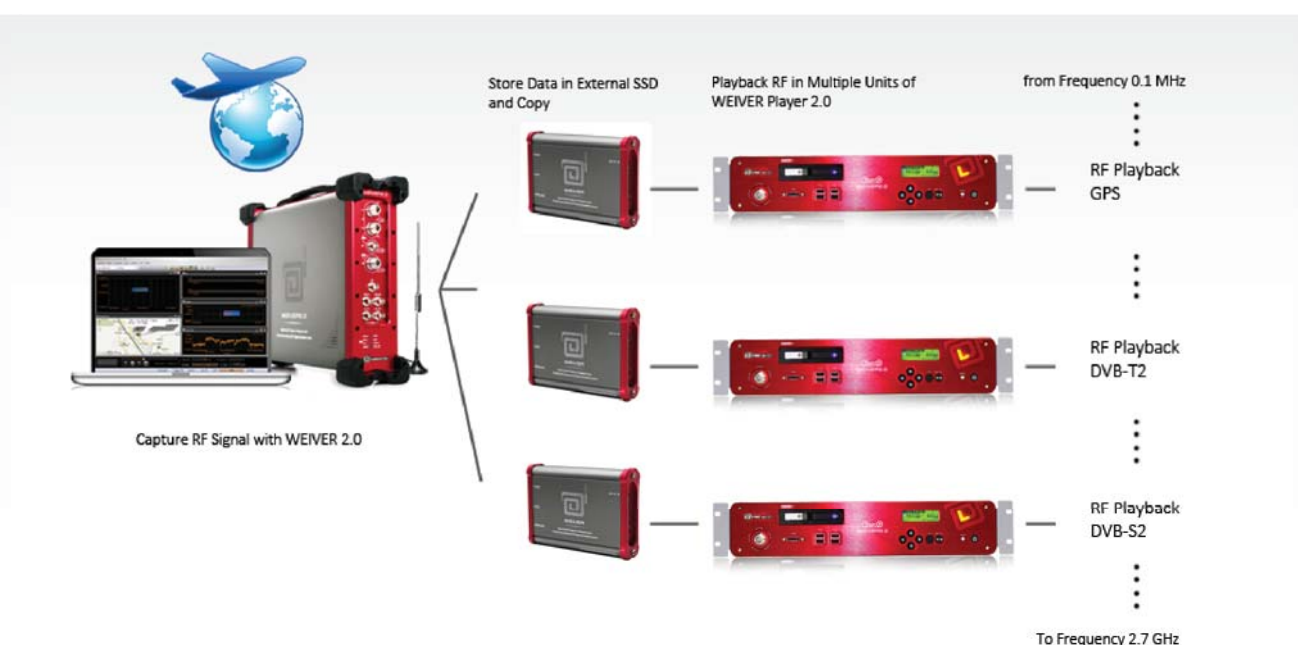
# WEIVER 2.0 Player

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)<br>≤ -95 dBc/Hz (1 GHz)<br>≤ -90 dBc/Hz (2.7 GHz)  |
| Phase Noise@10 KHz offset | ≤ -105 dBc/Hz (30 MHz)<br>≤ -100 dBc/Hz (1 GHz)<br>≤ -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)<br>+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.)              |