

# UHD Signal Analyzer

## DSA-300P

경량화 & 소형화



### 휴대형 All-In-One UHD 방송 무선국 검사 분석기 「UHD 신호분석 기능 + 스펙트럼 분석 기능」

- UHD 신호분석기와 스펙트럼 분석기 일원화
- 스펙트럼 최대 분석 대역폭 300kHz ~ 6GHz
- 5kg의 경량화 및 소형화 설계
- 10.4" 고해상도 화면에 그래프, 측정값, 적합여부 실시간 출력
- 편리하고 직관적인 윈도우 기반의 GUI 적용
- 신호측정 및 분석 보고서 자동 작성 기능



10.4" Multi-Touch Screen



자동 리포트



#### UHD Signal Analyzer Measurements & Specifications

##### In Band Quality Measurement

- Carrier Frequency Offset
- Frequency Response
- Group Delay
- Peak to Average Power Ratio
- MER
- Channel Impulse Response
- BSID & TxID Detecting

##### Out Band Quality Measurement

- Out of Channel & Occupied Bandwidth
- 2nd/3rd Harmonics
- RF Input Frequency Range: 470~806MHz
- RF Input: 50Ω, N-Type
- Out of Channel:  $\geq 110\text{dBc}$ @Channel Power
- 2nd/3rd Harmonic:  $\geq 70\text{dBc}$ @Channel Power
- Frequency Response Error:  $\leq \pm 0.25\text{dB}$  @BW 5.8MHz
- MER:  $\geq 40\text{dB}$
- Group Delay Error:  $\leq 8\text{ns p-p}$  @BW 5.8MHz
- RF Frequency Error:  $\leq \pm 1\text{Hz}$  @External 10MHz Ref.
- Peak to Average Power Ratio Error:  $\leq \pm 0.5\text{dB}@99.9\%$
- Channel impulse response Error:  $\leq \pm 0.04\mu\text{s}$

#### Spectrum Signal Analyzer Measurements & Specifications

- Channel Power
- Adjacent Channel Power
- Occupied Bandwidth
- Spurious(Auto Measuring): 500kHz~6.0GHz
- RF Input Range: 300kHz~6.0GHz
- RF Input: 50Ω, N-type
- Maximum safe input Level: +20dBm @CW
- DANL: 300kHz to 10MHz -137dBm/Hz @Preamp Off  
10MHz to 6GHz -152dBm/Hz + 2dB/GHz @Preamp Off  
-163dBm/Hz + 1dB/GHz @Preamp On

#### DSA-SOCAL Specifications

##### Mask Filter Calibration Kit

- Output Frequency Range: 470MHz~806MHz
- Output: -10dBm  $\pm 0.5\text{dB}$ , SMA Female, 50 Ω
- Rating: DC 5V, 0.35A (via USB)
- Dimensions: 60(W) x 117(D) x 19(H), mm
- Weight: < 200g

#### General

- Dimensions: 328(W) x 217(H) x 99(D), mm
- Weight: < 5Kg
- 10.4" TFT LCD Panel: 1024 x 768 Pixels
- USB 2.0 x 2ports, Gigabit Ethernet Port (RJ45) x 1port
- 64GB Internal Data Storage (SSD)
- Li-Po Battery 3,000mA, 19V DC Adaptor (110V~220V)

「UHD 신호분석 기능 + 스펙트럼 분석 기능」 탑재

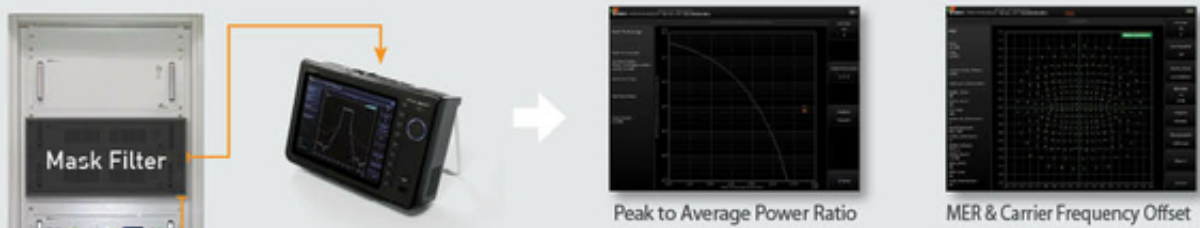
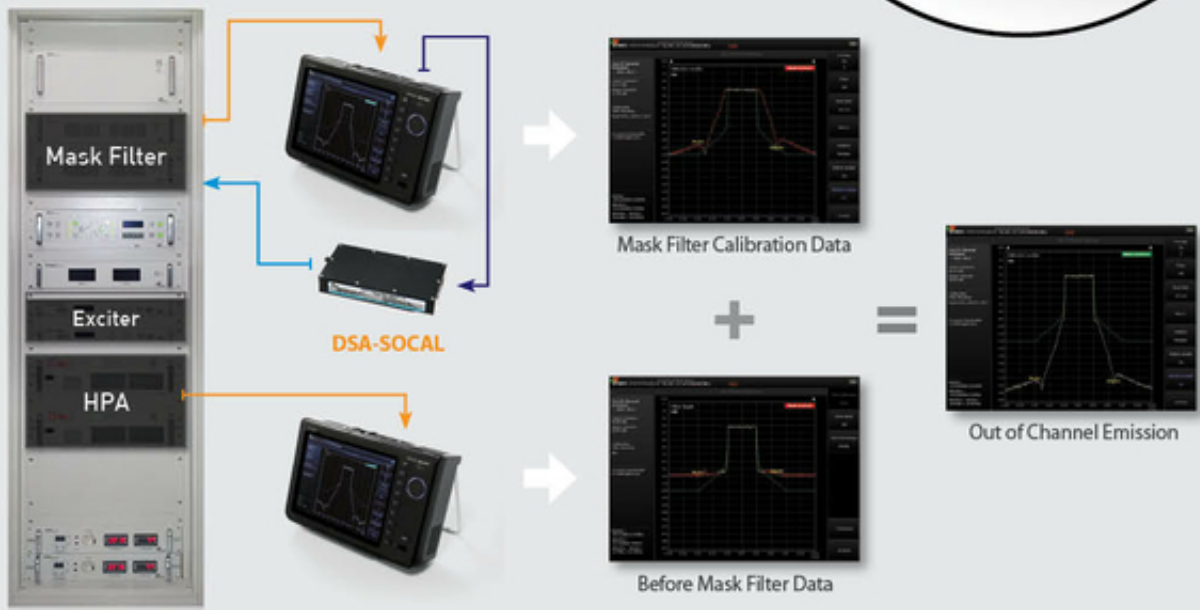
# DSA-300P

UHD 무선국 검사 완벽 대응



## UHD Signal Analyzer Measurements

Out of Channel & Occupied Bandwidth



## Spurious Measurements (Auto)

