

射頻信號產生器 RF Signal Generators

DSG800 Series RF Signal Generators

頻寬：1.5GHz / 2.1GHz / 3.6GHz



產品特色

- ◆ 完備的 AM/FM/ØM 類比調變功能
- ◆ 強大脈衝調變功能
- ◆ 優異相位雜訊
- ◆ 優異幅度精度
- ◆ 寬範圍高功率輸出
- ◆ 幅度穩定度

Model		DSG815	DSG830	DSG821	DSG821A	DSG836	DSG836A
Frequency range		9kHz-1.5GHz	9kHz-3GHz	9kHz- 2.1GHz	9kHz- 2.1GHz	9kHz- 3.6GHz	9kHz-3.6GHz
Amplitude Output Level		-110dBm ~ +13dBm					
Amplitude Setting Level		-110dBm ~ +20dBm					
Clock stability		< 2ppm · <5ppb(With option OCXO-B08)					
Spectral Purity	SSB phase noise	100 kHz ≤ f ≤ 1.5 GHz · <-105dBc/Hz(-112dBc/Hz typ.) 1.5 GHz < f ≤ 3.6 GHz · < -99 dBc/Hz(< -106 dBc/Hz typ.) · CW mode · carrier offset = 20 kHz					
	Harmonic	<-30dBc CW mode 1MHz ≤ f ≤ 3GHz · Levels ≤ +13dBm					
	Non-harmonic	100KHz ≤ f ≤ 1.5GHz · <-60dBc (<-70dBc typ.) ; 1.5GHz ≤ f ≤ 3GHz · <-54dBc/Hz(<-64dBc/Hz typ.)					
Modulation type		AM · FM · ØM · Pulse mod					
AM	modulation depth	0%-100%					
	Uncertainty	< setting value x 4% + 1%					
	Modulation frequency response	<3dB(10Hz ~ 100kHz m<80%)					
FM	Max. deviation	N x 1MHz					
	Uncertainty	< setting value x 2% + 20Hz					
	Modulation frequency response	<3dB(10Hz ~ 100KHz)					
PM	Max. deviation	N x 5rad					
	Uncertainty	< setting value x 1% + 0.1rad					
	Modulation frequency response	<3dB(10Hz ~ 100kHz)					
Pulse Modulation	On/off ratio	>70dB(100kHz ≤ f <3GHz)					
	Rise/fall time	<50ns · 10ns (typ.)					
	Pulse mode	Single pulse · pulse train (optionDSG800-PUG)					
Size		261.5 mm(W) × 112 mm(H) × 318.4 mm(D)					
Weight		4.2 kg					

II Standard Accessories

Order Information	Order No.
Power Cord	-
Quick Guide (hard copy)	-

II Optional

Order Information	Order No.
Pulse Modulation, Pulse Generator	DSG800-PUM
Pulse Train Generator	DSG800-PUG
High Stable Reference Clock	OCXO-B08
Rack Mount Kit (For one Instrument)	RM-1-DG1000Z
Rack Mount Kit (For two Instruments)	RM-2-DG1000Z