

RF SIGNAL GENERATOR

SG-8550



■ FEATURE

- Synthesized Signal Generator (CW, FM & AM)
- Wide Frequency Range : 100KHz~1100MHz
- Cover all VHF Band from 100KHz~1100MHz
- Store up to 100 point of frequency, output level and modulation value in nonvolatile memories
- Compact size & light weight
- Reverse power protector(MAX. 50W)
- For production of TV sets, FM & AM Radio, Cordless Telephone Set, Pager, Telecom Equipment, Car Audio Sets and CB Radio

■ Technical Specification

Function			Specification			
Frequency	Range		100Khz~1100MHz			
	Display		16×2 LCD			
	Resolution		1KHz(100KHz~500MHz), 2.5KHz(500MHz~1100MHz)			
	Accuracy		±1.0×10(-6)			
Output Level	Range		-14dBuV~128dBuV EMF at 100MHz (-127dBm~13dBm)			
	Display		16×2 LCD			
	Resolution		0.1dB			
	Accuracy		±1.5dB>-37dBm, ±(1.5dB+0.1dB/10dB)≤ -37dBm			
	Impedance		50Ω			
	VSWR		±1.2dB at 0dBm			
	Flatness		≤ -25dBc			
	Harmonics		FM	< 5Hz	(CF : < 175MHz)	
	Residual Modulation			< 10Hz	(CF : < 175MHz~550MHz)	
			< 20Hz	(CF : < 550MHz~1100MHz)		
			AM	< -65dBc		
	Reverse Power Protection		MAX. 50W			
Modulation	Internal		1KHz or 400Hz ± 2%			
	External		Impedance		100 kΩ Unbalanced	
			Input Lever		0~2Vrms	
			Frequency Range		FM 20Hz~100KHz, AM 20Hz~10KHz	
			Frequency Response		within ± 1dB (1KHz reference)	
	FM	Range		0.0~100KHz		
		Resolution		0.1KHz		
		Accuracy		±6% at internal rate		
		Distortion		less than 1% by 1KHz AF signal		
	AM	Range		0.0~99.9% (≤ 6dBm)		
		Resolution		0.1%		
		Accuracy		±6% at internal rate		
		Distortion		< 5%		
	AC Power			100/220V ± 10%, 50/60Hz		
Others	Dimension(mm)		: 134(H)×300(W)×330(D)			
	Weight		: Approx. 8.5Kg			