


**SA5005/SA5006T/SA5010/SA5011T**

**Feature**

- Frequency range: 0.15 ~ 500MHz (SA5005/SA5006T)  
0.15~1050MHz (SA5010/SA5011T)
- Amplitude range: -100~+13dBm
- Tracking generator (SA5006T/SA5011T)
- Output level range: -50~+1dBm (in 10dB steps and var.)


**SA5005**

**SA5010**

Technical data	SA5005/SA5006T/SA5010/SA5011T
Frequency range	0.15 ~ 500MHz (SA5005/SA5006T) 0.15 ~ 1050MHz (SA5010/SA5011T)
Center frequency display accuracy	±100kHz
Marker accuracy	(0.1% span +100kHz)
Resolution of frequency display	100kHz (4.5 digit LED)
Frequency scanwidth accuracy	±10%
Frequency stability	better than 150 kHz/ hour
IF bandwidth (-3dB)	400 kHz and 20 kHz
Video-filter (ON)	4 kHz
Sweep rate	43Hz
Amplitude range	-100dBm to +13 dBm
Screen display range	80 dB (10dB/div.)
Reference level	-27dBm to +13 dBm (in 10dB steps)
Reference level accuracy	±2dB
Average noise level	-90dBm (20 kHz bandwidth)
Distortion	< -55 dBc of 2nd and 3rd harmonic
Third order intermod	-70dBc (two signals > 3MHz apart)
Sensitivity	<5dB above average noise level
Log scale fidelity	±2dB (without attn.) 500MHz
Input attenuator	0 to 40 dB (4×10dB steps)
Input attenuator accuracy	±1dB/10dB
Max. input level	+10dBm, ±25V DC (0dB attn.) +20dBm (40dB attn.)
Frequency scanwidth	100kHz/div. to 100MHz/div., in 1-2-5 steps and 0Hz/div. (Zero Scan)
Dimensions (W x H x D)	380 x 125 x 285mm
Weight	Approx. 7kg
Tracking Generator (SA5006T/SA5011T):	
Output Frequency	0.15MHz to 1050MHz
Output attenuator accuracy	±1dB
Output attenuator	0 to 40dB (4×10dB steps)
Frequency response	±1.5dB
Output impedance	50 Ω (BNC)
Radio Frequency Interference (RFI)	<20dBc
Output level range	-50dBm to +1dBm (in 10dB steps and var.)
Output level range	-50dBm to +1dBm (in 10dB steps and var.)
Options	SA-RTB-1 reflection test bridge

