

## 스펙

# FSC 스펙트럼 분석기



		R&S®FSC3	R&S®FSC6
<b>Frequency range</b>		9 kHz to 3 GHz	9 kHz to 6 GHz
<b>Resolution bandwidth</b>		10 Hz to 3 MHz	10 Hz to 3 MHz
<b>Displayed average noise level</b>	without preamplifier, RBW = 1 Hz		
	10 MHz to 2 GHz 2 GHz to 3 GHz 3 GHz to 3.6 GHz 3.6 GHz to 5 GHz 5 GHz to 6 GHz	< -141 dBm, typ. -146 dBm < -138 dBm, typ. -143 dBm - - -	< -141 dBm, typ. -146 dBm < -138 dBm, typ. -143 dBm < -138 dBm, typ. -143 dBm < -142 dBm, typ. -146 dBm < -140 dBm, typ. -144 dBm
	with R&S®FSC-B22 preamplifier option, RBW = 1 Hz		
	10 MHz to 1 GHz 1 GHz to 2 GHz 2 GHz to 3 GHz 3 GHz to 5 GHz 5 GHz to 6 GHz	< -161 dBm, typ. -165 dBm < -159 dBm, typ. -163 dBm < -155 dBm, typ. -159 dBm - -	< -161 dBm, typ. -165 dBm < -159 dBm, typ. -163 dBm < -155 dBm, typ. -159 dBm < -155 dBm, typ. -159 dBm < -151 dBm, typ. -155 dBm
<b>IP3</b>	frequency 1 GHz	typ. 15 dBm	
<b>Phase noise</b>	frequency 500 MHz		
	30 kHz carrier offset 100 kHz carrier offset 1 MHz carrier offset	< -95 dBc (1 Hz) < -100 dBc (1 Hz) < -120 dBc (1 Hz)	
<b>Detectors</b>		sample, max/min peak, auto peak, RMS	
<b>Level measurement uncertainty</b>	10 MHz < f ≤ 3.6 GHz 3 GHz < f < 3.6 GHz 3.6 GHz < f ≤ 6 GHz	< 1 dB, typ. 0.5 dB	< 1 dB, typ. 0.5 dB < 1.5 dB, typ. 1 dB
<b>Tracking generator (model .13/.16)</b>			
<b>Frequency range</b>	100 kHz < f < 300 kHz	100 kHz to 3 GHz	100 kHz to 6 GHz
<b>Output power</b>	300 kHz < f < 3 GHz	0 dBm (nominal)	0 dBm (nominal)
<b>Dynamic range (transmission)</b>	3 GHz < f < 6 GHz	> 60 dB, typ. 80 dB > 70 dB, typ. 90 dB -	> 60 dB, typ. 80 dB > 70 dB, typ. 90 dB > 70 dB, typ. 90 dB
<b>Display</b>		5.7" (14.5 cm) color LCD with VGA resolution	
<b>Dimensions</b>	(W x H x D)	233 mm × 158 mm × 350 mm	
<b>Weight</b>		4.5 kg	