

BK2680 Spectrum Analyzer Comparison Guide



		New BK2680 Series B&K Precision		GW Instek	Rohde & Schwarz		Keysight	LECROY		RIGOL
Model		BK2682	BK2683	GSP-9300BTG	FPC1500/2 GHz *1	FPC1500/3 GHz *2	N9320B	T3 SA3100	T3 SA3200	DSA TG 832
Base Price		2 750 €	3 995 €	3 544 €	3 270 €	4 110 €	7 142 €	2 940 €	3 824 €	4 057 €
Bandwidth		9 kHz - 2.1 GHz	9 kHz - 3.2 GHz	9 kHz - 3 GHz	5 kHz - 2 GHz	5 kHz - 3 GHz	9 kHz - 3 GHz	9 kHz - 2.1 GHz	9 kHz - 3.2 GHz	9 kHz - 3.2 GHz
Advanced Measure- ment	2D & 3D Spectrum Monitor	✓		✓	605 €		X	453 €		465 €
	Channel Power	✓		✓			✓			
	Adjacent Channel Power	✓		✓			✓			
	Occupied Bandwidth	✓		✓			✓			
	Total Power	✓		✓			✓			
	Third-Order-Intercept	✓		✓			✓			
Displayed Average Noise Level (DANL)		-161 dBm/Hz		-149 dBm/Hz	-158 dBm/Hz		-145 dBm/Hz	-161 dBm/Hz		-161 dBm/Hz
Minimum Resolution Bandwidth (RBW)		1 Hz		1 Hz	1 Hz		10 Hz	1 Hz		10 Hz
Pre-amplifier		✓		✓	350 €		≈800 €	✓		✓
Tracking Generator		✓		✓	✓		2 147 €	167 €		✓
Remote Interface		LAN, USB		LAN, USB, RS232	LAN, USB		LAN, USB, GPIB	LAN, USB		LAN, USB
Display		10.1" TFT LCD (1024 x 600)		8.4" LCD (800 x 600)	10.1" WXGA (1366 x 768)		6.5" (640 x 480)	10.1" WXGA (1366 x 768)		8 " TFT LCD (800 X 480)
Warranty		3 Years		3 Years	3 Years		3 Years	3 Years		3 Years
Total Price, Comparable Configuration		2 750 €	3 995 €	3 544 €	4 225 €	5 065 €	10 089 €	3 560 €	4 444 €	4 522 €

* 1) requires frequency upgrade from 1 GHz (base model) to 2 GHz
* 2) requires 2 frequency upgrades: from 1 GHz (base model) to 2 GHz and from 2 GHz to 3 GHz