

(서식)

## 규격 적합조사표

### Investigation Table of Suitable Specification

HSK. No 9027.30.2000	물품분류번호	Item. No : 1	품 명 : COMMODITY : UV/VIS Spectrophotometer	
제 품 설 명 (Description)	제 작 자(생 산 국) Maker(Source)		Innowireless Accuver(KOREA)	Anritsu(JAPAN)
	Model		IXA 2x C	MS2090A
	Unit Price( 원, FCA조건)		44,000,000원	39,600,000원
	국내취급사		TEL : 031-788-1700 FAX : 031-705-0712	TEL : 031-696-7750 FAX : 031-696-7751
I. Performance and Specification				
A. Features and configurations				
1. System check : Self Test			1. same	1. same
2. Usable Interface : USB 2.0 2 ports 이상, Ethernet			2. same	2. Usable Interface : USB 3.0 3Port, USB-C 1PORT , WIFI, Ethernet
3. Total Weight : 5.4 KG 이하 (With Battery)			3. Total Weight : 2.9kg (With Battery)	3. same
4. Display Size: 10.1 inch (1280 x 800 resolution) 이상 또는 상용 Tablet 연결 가능			4. Display Size : 상용 Tablet PC & Smart Phone Display Size (5~14inc)	4. same
5. Operation Temperature : -10℃ to +55℃ 이상			5. Operation Temperature : -10℃ to +50℃	5. same
6. Power Supply : 110 V ~ 220V AC, 60Hz			6. same	6. same
B. 휴대용 Spectrum Analyzer Specifications				
1. Frequency Specification				
1.1. Frequency Range : 9 kHz ~ 14GHz 이상			1.1. Frequency Range : 9 kHz ~ 20 GHz	1.1. same
1.2. Frequency Aging Rate/Year : ±1 x 10 <sup>-6</sup> 이하			1.2. same	1.2. Frequency Aging Rate/Year : ±1 x 10 <sup>-7</sup>
1.3. Sweptune & FFT mode : Sweptune, FFT			1.3. same	1.3. same
1.4. Max Demodulation Bandwidth : 100 MHz 이상			1.4. same	1.4. same
1.5. Resolution bandwith(RBW) : 1 Hz ~ 10 MHz 이상			1.5. same	1.5. same
1.6. Video bandwith(VBW) : 300 Hz ~ 10 MHz 이상			1.6. same	1.6. Video bandwith(VBW) : 0.1 Hz ~ 10 MHz

1.7. Single Sideband (SSB) phase noise : -106 dBc/Hz (typ. -109dBc) @ 1GHz	1.7. Single Sideband (SSB) phase noise : -106 dBc/Hz (typ. -109 dBc) @ 500MHz, 100 kHz offset	1.7. Single Sideband (SSB) phase noise : -110 dBc/Hz (typ. -110 dBc) @ 1 GHz, 100 kHz offset
2. Measurement Specification		
2.1. Measurement range : DANL +20 dBm 이상	2.1. same	2.1. Measurement range : DANL ~ +30 dBm
3. Amplitude Specifications		
3.1. Amplitude Accuracy : $\pm 1.3$ dB 이하	3.1. same	3.1. Amplitude Accuracy : $\pm 0.5$ dB
4. Intermodulation		
4.1. Second harmonic distortion : -40dBc(typ.) 미만	4.1. same	4.1. Second harmonic distortion : 50 MHz @ -75 dBc
4.2. TOI(Third-order intercept point) : + 20dBm 이하	4.2. same	4.2. TOI(Third-order intercept point) : + 11 dBm(typ)
5. DANL(Display analog noise level) : -156 dBm 이하 @ 14 GHz, preamp on	5. DANL(Display average noise level) : -156 dBm @ 18Ghz, Preamp on	5. same
6. Attenuator : 0dB ~ 60dB 이상, 5dB Step	6. Attenuator Range : (0 ~ 60) dB, 2 dB Step	6. Attenuator Range : (0 ~ 65) dB, 5 dB Step
7. Reference level Range : -150 dBm ~ +30 dBm 이상	7. Reference level Range : -200 dBm ~ +300 dBm	7. same
8.1. Maxium Continuous input : +20 dBm	8.1. same	8.1. Maximum Continuous Input : +30 dBm
8.2. VSWR : 1.5 : 1 이하 (typ $\geq 10$ dB Input Attenuation)	8.2. VSWR : 1.5 : 1 (1MHz To 17GHz)	8.2. VSWR : 1.5 : 1 (9kHz To 14GHz)

주) 본 '규격적합 조사표'는 구매규격에 적합한 모델을 명시한 표로서, 실질적 경쟁성을 파악하기 위해 입찰 전 공개될 수 있으며, 개찰 후 기술검토 시 심사 기준이 되므로 작성 시 주의를 요함.