

1021 MSA Size ASE Source

Overview

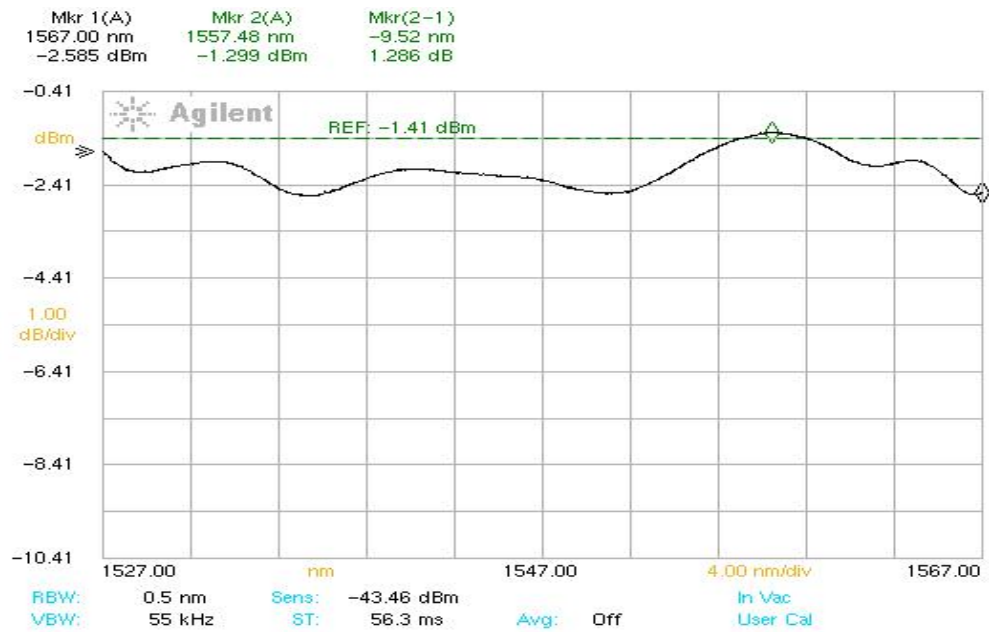
Broadband source (BBS) is a custom configuration based on our amplification products. It is to provide a high power amplified spontaneous emission (ASE) source. Compared to the 1021 gain compensator, the BBS has a terminated input port and the optical path is re-optimized in order to provide a strong ASE light.

Optical performance can be optimized for different applications with or without gain flattening filters.

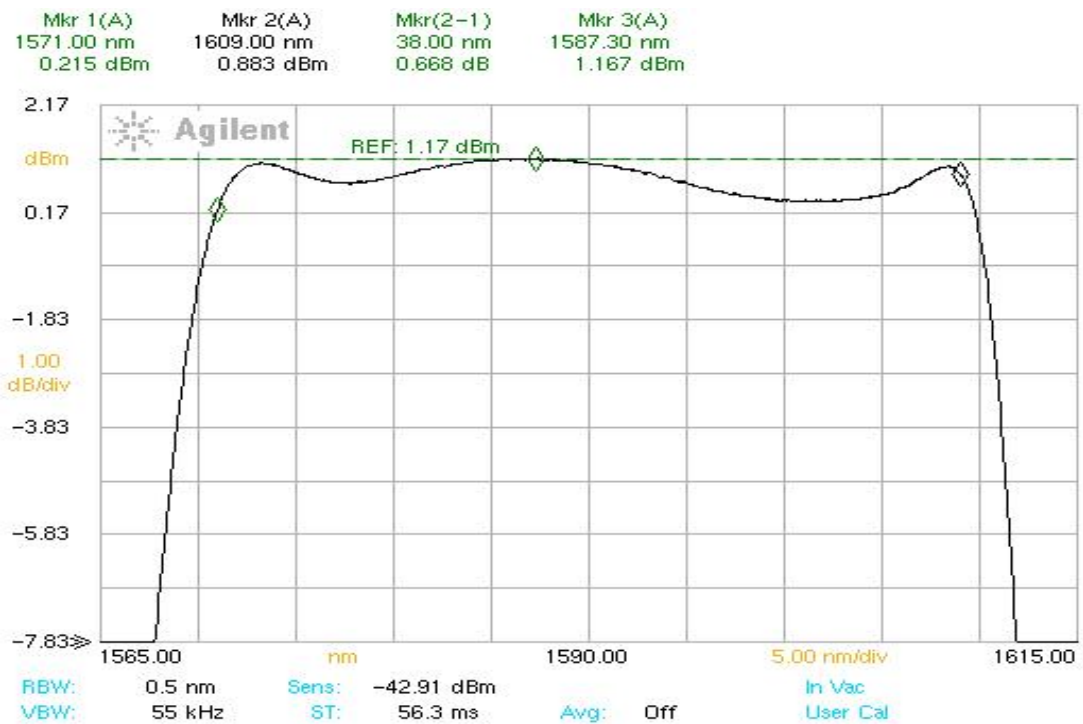
With integrated microprocessor and electronics, automatic control is available for constant output.

Optical Specifications

Parameter		Min.	Typ.	Max.	Unit
Wavelength Range(Custom)	C-Band	1527		1567	nm
	L-Band	1570		1607	nm
Output Power (w/o flattening filter)		15		20	dBm
Output Spectrum Flatness (Flatness type)				2	dB
Optical Return Loss (at Input and Output Ports)		40			dB
Signal Detection Accuracy				±0.3	dB
Power Supply Voltage (Option)		3.13	3.3	3.47	Volt
		4.75	5	5.25	Volt
Electrical Connector		30 PIN (ZLTMM-115-73-S-D)			
Dimensions (H x W x D)		90 x 70 x 15 (mm)			
Heatsink(Optional)		90 x 70 x 4.5 (mm)			



C-Band Type Spectrum



L-Band Type Spectrum

Ordering information

1021	—	BBS	XX	—	XX	X
			Ouput Power		Optical Connector	Band
					FC—FC/PC FA—FC/APC SC—FC/PC SA—FC/PC LC—FC/PC LA—FC/PC Other custom	C—C-Band L—L-Band