

Datasheet: imec CDL640 SSM3x3 1100-1700

Imec sensor part nr.	360-0003-01
Bandpass filter type	round glass designed for in-camera integration
- Diameter	25mm
- Thickness	3mm
Detection range	1100 – 1700 nm
- Nr of samples	9
Central wavelengths	1121, 1140, 1162, 1193, 1211, 1299, 1386, 1469, 1658
- Max. avg. rel. deviation	±2.0%
- Max. rel. single band deviation	±4.0%
Camera category	snapshot SWIR
Base imager	SCD Cardinal640
- Spatial resolution	640x512
- Frame rate	Up to 120 fps
- Pixel pitch	15 µm
- Bit depth	13 bit

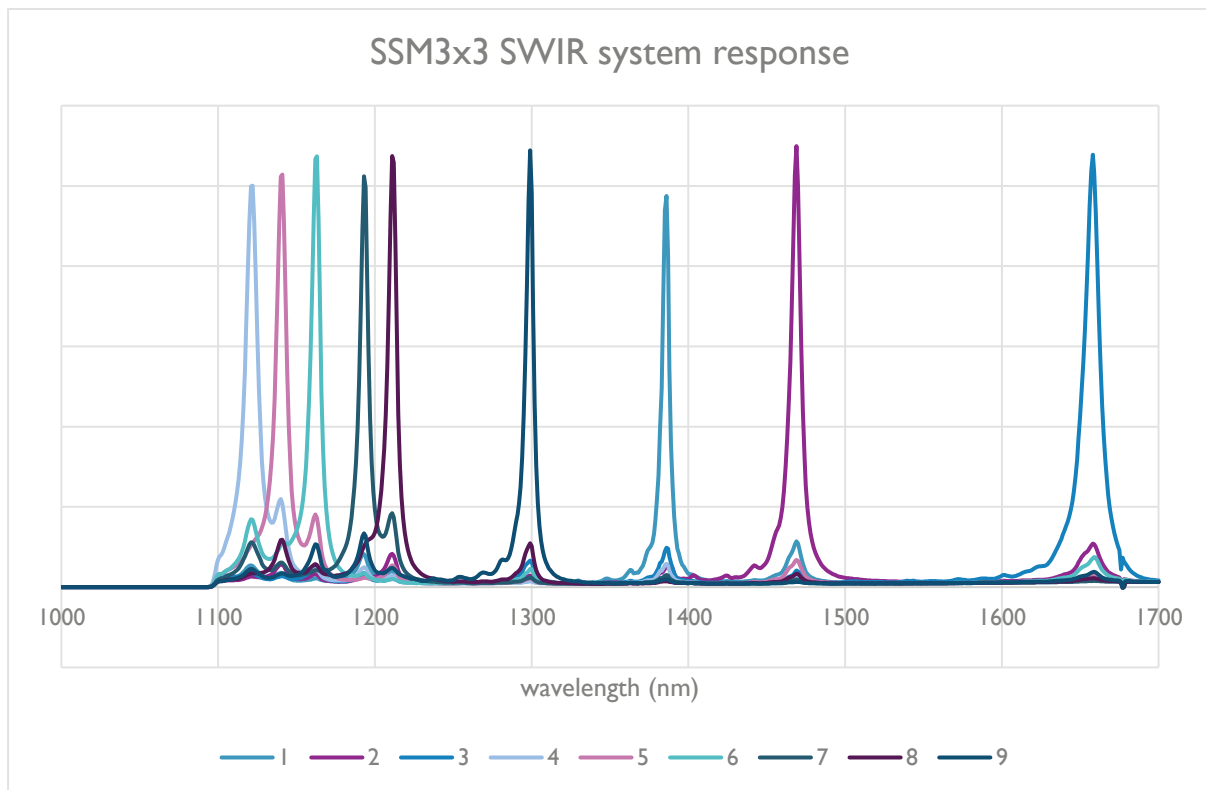


Figure 1. Example of a snapshot SWIR system response graph