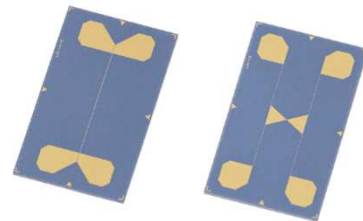


This product is a terahertz wave emitter/detector chip with a terahertz wave antenna pattern on low temperature grown GaAs. Available in wafer, chip, and module forms. Customized chip shape and antenna pattern are also available.

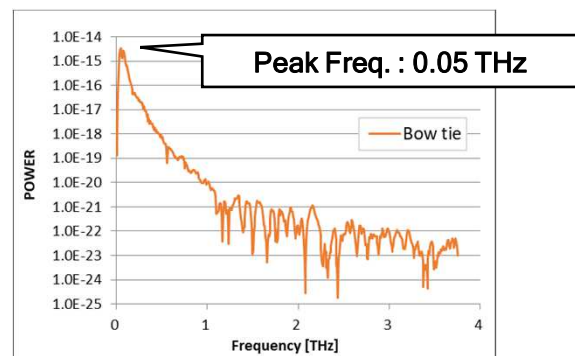
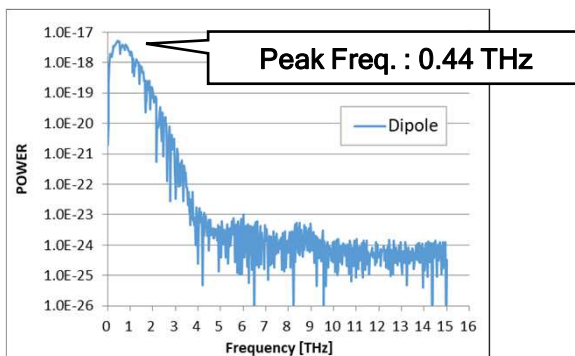
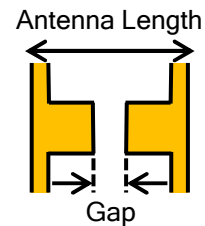
### Specifications

PCA Type	Emitter / Detector
Bias	~ 20 Vpp
Pump / Probe Power	~ 20 mW @ 780 nm ~ 30 mW @ 1560 nm
Dimensions	10 mm(L) x 6 mm(W)
Thickness	350 μm
Packaging	Chip tray



### Characteristic Examples

	Gap	Antenna Length
Dipole	5.0 μm	30 μm
Bow tie	5.0 μm	2 mm



### Services

- ✓ Sell from 1 chip of PCA
- ✓ Supply wafers, chips and modules
- ✓ Customize antenna pattern design



Note : This document may be changed without prior notice. Please check the latest document for examination.

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#### Developer & Manufacturer :

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TEL: +81-776-76-2050

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