

NOTE ON FSOC TAARA MODEL of Google LLC , CA (USA)

RTEC (SR) has received a request for testing and certification of Free Space Optical Communication (FSOC) product TAARA model manufactured by Google LLC, CA .This product was offered for testing under Voluntary Certification Scheme of TEC having provision for Certificate of Approval (COA) for innovative products by their All India Representative (AIR) M/s Power Links, Chennai. The testing and certification of the product was done based on the manufactures own specifications and provisional Test Guide approved by TEC. On completion of testing, certificate was issued on 06th December 2021.

This is based on laser technology for Point to Point Line of Sight Communication.

The product has the following features and applicability:

1. Digital Interface Tested	2 Channels: CH-1: 10GBPS CH-2: 10GBPS Tested with: 10G Interfaces with SFP+ (LR / SR)
2. Product Configuration Offered at the time of Testing	Laser Specifications: <ul style="list-style-type: none">• Wavelength range: 1535 to 1565 nm• Max Output Power: 30 dBm Interfaces: <ul style="list-style-type: none">• 2x10G Optical Interface• DC Input interface• PoE Input Interface/Console port
3. Application	TAARA links can be deployed in a variety of environments, depending on customers objective. <ul style="list-style-type: none">• Rapid network expansion• Increase backhaul capacity• Provide redundancy• Rural & Urban backhaul extension• Etc.,