



AvL Technologies	Customer Furnished Equipment Policy & Procedure			
15 N. Merrimon Ave	Doc No:	08-05-AVL-W-0001	Version:	A
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Customer Furnished Equipment Policy & Procedure

1.0 Purpose

The purpose of this document is to Outline AvL's policy and procedures for the design, engineering, integration and testing of Customer Furnished Equipment (CFE) as it relates to AvL antenna systems

2.0 Definition

Customer Furnished Equipment is defined as any equipment designated and provided (not purchased by AvL) by the customer and required for integration and testing by AvL for delivery as a complete antenna system. Examples of CFE are listed below:

1. Non-standard feeds either permanently mounted or removable
2. Transmit equipment as listed (but not limited to) below:
 - a. High-Power Amplifiers
 - b. Block Up Converters
 - c. Special Filtering
 - d. Transmit RF/IF path equipment such as waveguide
 - e. Transmit RF/IF switches
 - f. Transmit RF switch loads
3. Receive equipment as listed (but not limited to) below:
 - a. Low-noise block down converters
 - b. Low-noise amplifiers
 - c. Special Filtering
 - d. Receive RF/IF pathways such as waveguide
 - e. Receive RF/IF switches
4. Device Electrical wiring
5. Device mechanical support structures for CFE.

3.0 References

Implementing References

- ISO 9001:2015, Clause 8.5.3

4.0 Responsibilities

The proponent for this policy is the Chief Commercial Officer.



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5.0 Procedure

Customer furnished equipment will be handled in accordance with the below parameters as a guideline to ensure AvL properly accounts for CFE and maintains accountability

- 5.1 CFE must be identified at the time of Request for Information/Quote/Proposal to ensure the overall scope is defined and engineering, planning and production efforts are accounted for in the Proposal/Quote. Documentation required: Vendor, Part Number, datasheet and/or performance characteristics and a Solid works model.
- 5.2 The customer is responsible for providing accurate interface information for CFE which includes mechanical, electrical, and Monitor/Control where applicable. A 3D CAD of the CFE is preferred for mechanical information.
- 5.3 Testing requirements need to be outlined to AvL at time the RFP/RFQ. Example: Is testing on network required?
- 5.4 CFE will be included in the quote and listed as CFE with a \$0 amount listed on the price.
- 5.5 CFE will be identified on the Purchase Order to AvL with the Vendor and part number listed.
- 5.6 The customer is responsible for any failure of CFE which does not meet the performance characteristics provided in item 1 above.
- 5.7 Required date for receipt of CFE is 30 days from order acknowledgement
 - 5.7.1 CFE shipments should reference the vendor, part number and customer purchase order number on the packing list.
 - 5.7.2 Any CFE valued at over \$5000 requires a 10% overage in case of failure to prevent shipping delays.
 - 5.7.3 AvL reserves the right to continue to build and ship the antenna without integration or testing of CFE in the event CFE is not received by the requested date.
- 5.8 CFE cannot be modified once a PO is accepted. Any change to CFE will result in a change order which could result in a change in price and delivery schedule.
- 5.9 AvL is not responsible for overall system performance when CFE is directed by the customer.



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Version	Date	Issuing Authority	Description of Change
A	7/19/2024	Sales Engineer	Initial Release

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