

Contents

Special Report Notice of Disclaimer	iii
1 Introduction	
1.1 Purpose and Scope	1-1
1.2 Organization	1-1
1.3 Reference Documents	1-1
2 General Information	
2.1 Description of Product	2-1
2.2 Safety Considerations	2-1
3 Definitions	
3.1 Unit Package	3-1
3.2 Intermediate Package	3-1
3.3 Shipping Container	3-1
3.4 Mixed Loads	3-1
3.5 Unitized Loads	3-1
3.6 CLEI Code (Common Language Equipment Identifier)	3-1
3.7 ECI	3-2
3.8 Bar Code Label	3-2
3.9 Data Identifiers	3-2
4 General Requirements	
4.1 Packaging and Packing Requirements	4-1
4.1.1 Hazardous Materials	4-1
4.1.2 Electrostatic Discharge-Sensitive Products	4-1
4.1.3 Shipping Containers	4-1
4.1.4 Shipping Regulations	4-2
4.2 Palletization	4-2
4.2.1 Direct Shipping	4-2
4.2.2 Pallets	4-3
4.2.3 Unitized Loads	4-3
4.2.4 Mixed Loads	4-3
4.2.5 Securing Palletized Loads	4-3
4.2.6 Pallet Loading	4-4
5 Pallet Specification Drawing	
6 Container Marking and Bar Code Labeling	
6.1 Product Shipment	6-1
6.2 Product Package	6-1

6.2.1 TCIF Product Package Label Data Fields	6-2
6.3 Intermediate Package	6-2
6.4 Shipping Containers	6-2
6.4.1 Outer Shipping Container Data Fields	6-4
6.5 Label Locations	6-5
6.6 Precautionary Marking	6-8
6.7 Hazardous Products	6-8
6.8 Fragile Products	6-8
6.9 Size and Legibility of Marking	6-8
6.10 Obsolete Labels	6-8

7 ESD Controlled Products

7.1 Shipping Containers	7-1
7.2 Marking Requirements	7-2
7.3 Palletizing	7-2
7.3.1 Securing Palletized Loads	7-2
7.3.2 Pallet Loading	7-3

8 Electro-Optical Equipment

8.1 Shipping Containers	8-1
8.2 Marking Requirements	8-2
8.3 Palletizing	8-2
8.3.1 Securing Palletized Loads	8-2
8.3.2 Pallet Loading	8-3

9 Test Compliance Procedures

9.1 General	9-1
9.1.1 Sample Test Package	9-1
9.1.2 Performance Tests	9-1
9.2 Vibration Test	9-1
9.2.1 Test Procedure	9-1
9.3 Horizontal Impact Test	9-1
9.3.1 Test Procedure	9-1
9.4 Drop Tests	9-2
9.4.1 Test Procedures	9-2
9.5 Acceptance Criteria	9-3
9.5.1 Performance Test	9-3
9.5.2 Minimum Damage	9-3

10 Tests for Packaged Products

10.1 Vibration Tests	10-1
10.2 Drop Tests	10-1

Appendix A: References

A.1 Telcordia Documents	A-1
Note	A-2
To Contact Telcordia Customer Service or to Order Documents	A-2
To Order Documents From Within Telcordia (Employees Only)	A-2
A.2 Industry Standards Documents	A-3