

 KLA Corporation- SensArray	Title:	Revision Number:
	Antenna Specification for Large Coil Wafers, Carrier Stations, Storage Cases	AA
Process Owner:	Engineering	

1.0 Table of Contents

1. Table of Contents.....	1
2. Purpose.....	1
3. Scope.....	1
4. Reference Materials.....	1
5. Definitions.....	2
6. Antenna Specifications.....	2
7. Picture of Antenna Coil.....	3

2.0 Purpose

This document provides an antenna specification of models in reference material.

3.0 Scope

This document describes antenna specification for large coil wafers.

4.0 Reference Material

Large Coil Wafers:

Model Name	Model Number
EtchTemp HD	ETHD
EtchTemp HP	ETHP
EtchTemp LT	ETLT
EtchTemp LC	ETLC
HighTemp 200	HT200

HighTemp 300	HT300
UVi 300	UV300
Integrated 2 300	IW2-300

Carrier Stations, Storage Cases:

Model Name	Model Number
Carrier Station LC 300	CSLC300
Carrier Station LC 200	CSLC200
Storage Case LC 300	SCLC300
Storage Case LC 200	SCLC200

5.0 Definitions

N/A

6.0 Antenna Specifications

Antenna type: Near Field Magnetic Loop Antenna

Antenna coil diameters: Loop antenna coil diameters: 2 inches

Number of coils: 1

Number of turns: 10

Modulation Method: backscatter modulation-OOK

Pattern: Cardioid Loop pattern

Inductance: 10uH

7.0 Picture of Antenna Coil



7.1 Front view



7.2 Back view