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K55S.2
K55S.2 NFC-antenna Data Sheet

CONFIDENTIAL

Revision	Status	Approved	Comments
1.0.0			

Date:

TABLE OF CONTENTS

1.	INTRODUCTION	3
1.1	Objective.....	3
2.	NFC-ANTENNA IN K55S.2	4
2.1	Antenna dimensions	4
2.2	K55S.2 photographs	5

Date:

1. INTRODUCTION

1.1 Objective

This document describes the NFC-antenna placement and dimension used in K55S.2.

2. NFC-ANTENNA IN K55S.2

K55S.2 includes antenna inside to device, more specifically at K55S.2 printed circuit board. Antenna is Bittium designed, loop -type, linearly polarized and designed to operate frequency range of 13.56MHz and utilized by ST25R95.

2.1 Antenna dimensions

NFC-antenna physical dimension is presented in Figure 2.0. Total length of the antenna 31.50mm and total width of the antenna is 17.20mm.

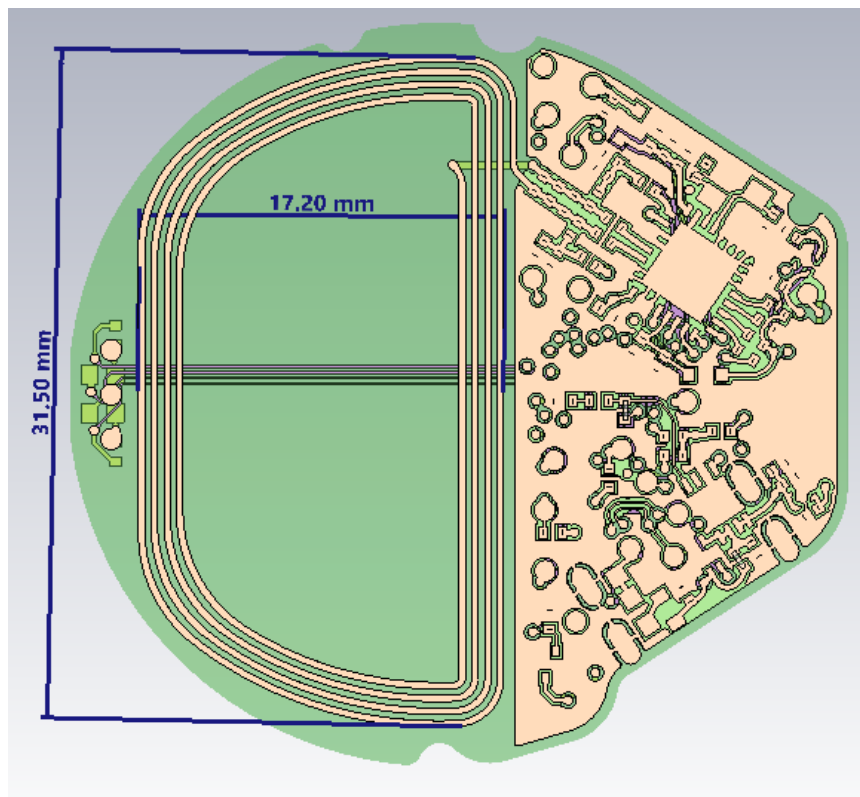


Figure 2.0. NFC-antenna dimensions.

2.2 K55S.2 photographs

K55S.2 photographs are presented in Figure 2.1 and Figure 2.2. NFC-antenna location is on bottom side of K55S.2 printed circuit board, presented in Figure 2.3.



Figure 2.1. K55S.2 top view.



Date:

Figure 2.2. K55S.2 bottom view.

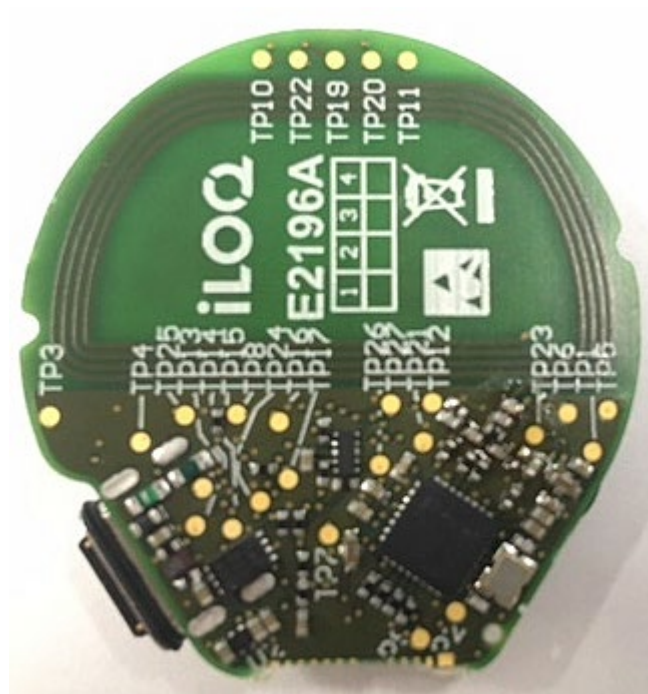


Figure 2.3. Antenna location at printed circuit board.