

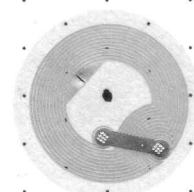
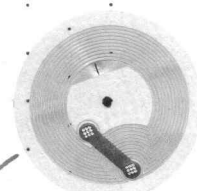
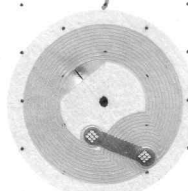
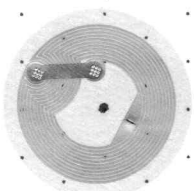
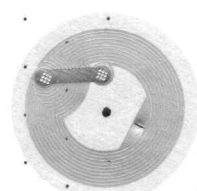
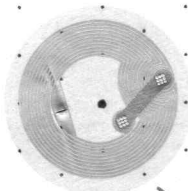
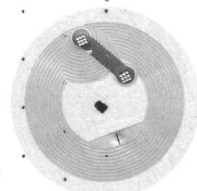
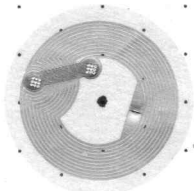
Name: MEW

Date:

2023.07.09

RFID EXPERIMENT "test2"

TAG LAYOUT ~100MM SPACING



STICKER: 25MM
ANTENNA: 21MM

NTAG213

511 WINDINGS

EQUILATERAL TRIANGLE

$$AREA = \frac{\sqrt{3}}{4} S^2$$

$$A = \frac{\sqrt{3}}{4} (100mm)^2$$

$$4330mm^2$$

$$4" : \frac{\sqrt{3}}{4} (101.6mm)^2 = 4469.8mm^2$$

$$12" : A = \frac{\sqrt{3}}{4} (304.8mm)^2$$

$$= 40228mm^2$$

$$\frac{12"}{4"} AREA = 9 PER SQFT$$

TAG DENSITY:

9 PER SQFT

16 POINTS

4" = ~100MM