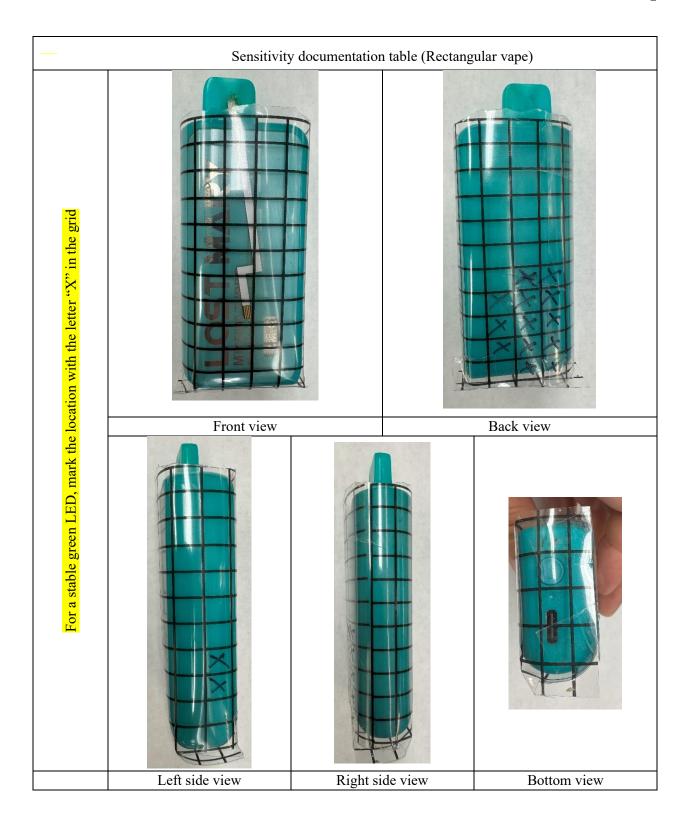
## Contents

Checklist Protocol 1	1
Sensitivity documentation table (Rectangular vape)	2
Suggested Friends Device Placement:	3
Checklist Protocol 2	4
VM-FRIENDS Test Result	4

## **Checklist Protocol 1**

Name: Md Rafi Islam			ı Vape Bran	Vape Brand: Lost Mary_MT15000 Date: 02/18/202		5		
Task no.		Steps						
1	Charge	e the va	pe.					
2		Charge the FRIENDS device.						
3	Mark RF sensor location on the FRIENDS enclosure							
4	Draw a 7mm grid on the vape							
5	Wrap the vape's mouthpiece with putty.							
6			pe to the vacuum line			Y		
7		7a		back, right, left, or bottom), pla	nt, left, or bottom), place the FRIENDS			
		7b Initiate puff with the vacuum and very slowly slide the FRIEND from top to the bottom. Make sure the vape is puffing by observe the puff indicator light on the vape.				Y		
		7c	Observe the Green LED of the	For stable green, mark the in the grid on the vape.	location with "X"	Y		
	Identifying the sensitive zones		FRIENDS	For no LED illumination, leblank in the grid.	eft the space	Y		
		7d	After marking the sensitive spot on the vape, start sliding the FRIENDS device again and complete the whole row.		Y			
		7e	Then place the FRI 7b to 7d.	ENDS on the middle of the vap	e and repeat steps	Y		
		7f	After finishing scan and so on.	inishing scanning this row with FRIENDS, go to the next row on.				
		7g	zones and the grid of	nt side of the vape will be scann on the vape will be marked with ive to FRIENDS device.		Y		
		7h	Then place the FRI left, or bottom) of the	ENDS on another side (e.g. from the vape and start scanning against the documentation table.		Y		
		7i	picture of each side	lly, after completing scanning all the sides of the vape, take a are of each side of the vape and insert the images in the klist document table below.				
		7j		are multiple sensitive zones, select a possible FRIENDS ng location based on signal strength and usability.				
		7k		picture and insert it at the end of the checklist				



# Suggested Friends Device Placement:



RF sensor Location: Back middle

## **Checklist Protocol 2**

Task no.	*			Status (Y/N?)	
1	Charge the vape.				
2	Charge the FRIENDS device.				
3	Wrap t	he vap	e's mouthpiece with putty.	Y	
4	DS	4a	Clean any vape juice residue in the vacuum line leading to the Vaping Machine for laboratory testing of FRIENDS sensors (VM-FRIENDS)	Y	
		4b	Attach the vape to the vacuum line leading to VM-FRIENDS	Y	
for laboratory test	achine for laboratory testing of FRJ sensors (VM-FRIENDS) Testing	4c	Open VM-FRIENDS GUI and Set the following parameter:  Select input parameters: Volume and Duration Volume (mL): 120 Inhale Flowrate (mL/s): 40.0 Exhale Flowrate (mL/s): 60.0 Inhale Time (s): 3 Exhale Time (s): 3 Interpuff Time (s): 18 Number of Puffs: 80	Y	
	ach	4d	Click on Start Puffing	Y	
	Σ,	4e	After 80 puffs, read and store the FRIENDS device data.	Y	
	ing	4f	Recharge the FRIENDS device and the vape.	Y	
	/ap	4g	repeat steps 4a-4f till the vape runs out of vape juice.	Y	
		4h	After completing step 8f, fill out the table given at the end of the document.	Y	

#### VM-FRIENDS Test Result

Vape's Total Puff	FRIENDS Total Puffs	Thermistor Used for	Thermistor Needed for
Capacity	Registered	Testing	Operation
455	449	Yes	Yes