

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
42.360000	16.6	1000.0	120.000	V	20.4	23.4	40.0
62.960000	30.4	1000.0	120.000	V	19.9	9.6	40.0
111.960000	23.8	1000.0	120.000	V	17.8	19.7	43.5
142.520000	24.4	1000.0	120.000	V	20.9	19.1	43.5
201.080000	27.5	1000.0	120.000	V	18.0	16.0	43.5
574.040000	25.8	1000.0	120.000	V	28.8	20.2	46.0

Tested by: *Cesare Gao* Reviewed by: *Jacky Chen*
202401128 20241129

1GHz - 18GHz-SWFT-SD14-BLK

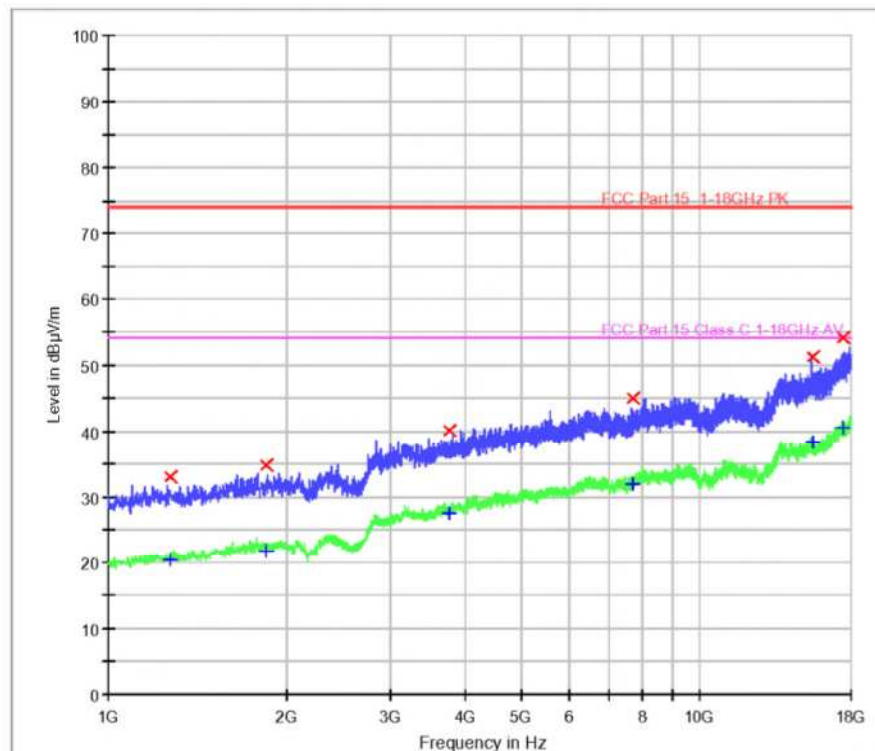
EMC Test Record (Emission)

Common Information

Manufacturer:
Test Item: SWFT eScooter
Identification: SWFT-SD14-BLK
Test Standard: FCC Part 15C
Test Detail: Radiated Emission
Operation Mode: TX BDR H
Climate Condition: 22 °C, 53 %, 101 kPa
Test Voltage/ Freq:
Receipt No: 170386300
Report No: /
Result: Pass
Comment: Test distance is 3m; Horizontal

Subrange 1
Frequency Range: 1GHz-18GHz
Receiver: TUV FSP30
Transducer: TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-06_1GHz-18GHz_With PreAMP EXT& Hight-pass filter



Tested by: *Jason Li*
20241014

Reviewed by: *Jacky Chen*
20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
1274.000000	33.0	1000.0	1000.000	H	-22.6	41.0	74.0
1846.000000	34.8	1000.0	1000.000	H	-21.0	39.2	74.0
3777.000000	40.2	1000.0	1000.000	H	-13.9	33.8	74.0
7681.000000	45.0	1000.0	1000.000	H	-7.6	29.1	74.0
15473.000000	51.2	1000.0	1000.000	H	-0.8	22.8	74.0
17492.000000	54.1	1000.0	1000.000	H	3.2	19.9	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
1274.000000	20.4	1000.0	1000.000	H	-22.6	33.6	54.0
1846.000000	21.8	1000.0	1000.000	H	-21.0	32.2	54.0
3777.000000	27.4	1000.0	1000.000	H	-13.9	26.6	54.0
7681.000000	32.0	1000.0	1000.000	H	-7.6	22.0	54.0
15473.000000	38.3	1000.0	1000.000	H	-0.8	15.7	54.0
17492.000000	40.6	1000.0	1000.000	H	3.2	13.4	54.0

Tested by:  20241014
Reviewed by:  20241015

TUV Rheinland (Guangdong) Ltd.

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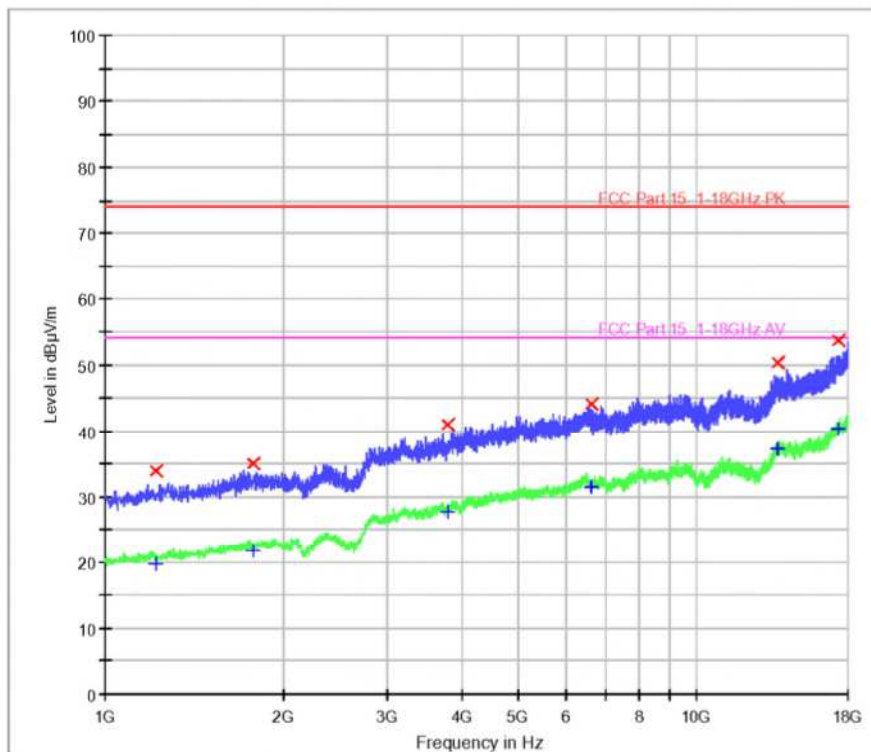
EMC Test Record (Emission)

Common Information

Manufacturer:	
Test Item:	SWFT eScooter
Identification:	SWFT-SD14-BLK
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	TX BDR H
Climate Condition:	22 °C, 53 %, 101 kPa
Test Voltage/ Freq:	
Receipt No:	170386300
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-06_1GHz-18GHz_With PreAMP EXT& Hight-pass filter



Tested by: *Janson Li*
20241014

Reviewed by: *Jacky Chen*
20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
1223.000000	33.9	1000.0	1000.000	V	-22.8	40.1	74.0
1780.000000	35.0	1000.0	1000.000	V	-21.1	39.1	74.0
3794.000000	41.0	1000.0	1000.000	V	-13.9	33.0	74.0
6623.000000	44.2	1000.0	1000.000	V	-8.2	29.8	74.0
13663.000000	50.3	1000.0	1000.000	V	-2.1	23.7	74.0
17311.000000	53.6	1000.0	1000.000	V	2.8	20.4	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
1223.000000	19.8	1000.0	1000.000	V	-22.8	34.2	54.0
1780.000000	21.7	1000.0	1000.000	V	-21.1	32.3	54.0
3794.000000	27.7	1000.0	1000.000	V	-13.9	26.3	54.0
6623.000000	31.5	1000.0	1000.000	V	-8.2	22.5	54.0
13663.000000	37.3	1000.0	1000.000	V	-2.1	16.7	54.0
17311.000000	40.3	1000.0	1000.000	V	2.8	13.7	54.0

Tested by:  20241014
Reviewed by:  20241015

TUV Rheinland (Guangdong) Ltd.

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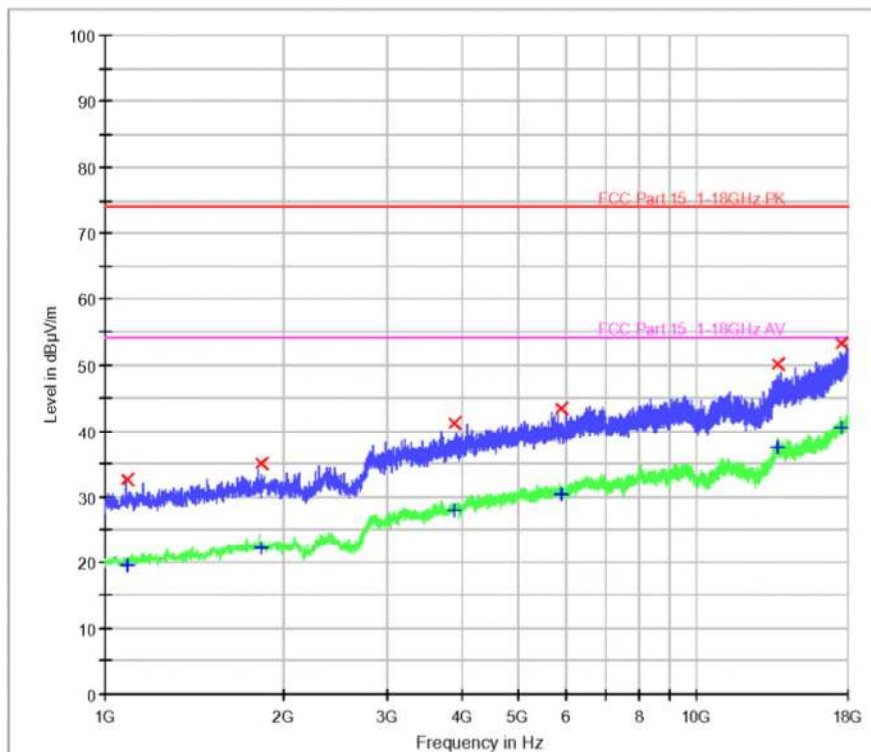
EMC Test Record (Emission)

Common Information

Manufacturer:	
Test Item:	SWFT eScooter
Identification:	SWFT-SD14-BLK
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	TX BDR L
Climate Condition:	22 °C, 53 %, 101 kPa
Test Voltage/ Freq:	
Receipt No:	170386300
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-06_1GHz-18GHz_With PreAMP EXT& Hight-pass filter



Tested by:	<i>Janson Li</i>	Reviewed by:	<i>Jacky Chen</i>
	20241014		20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
1091.000000	32.6	1000.0	1000.000	H	-23.2	41.4	74.0
1839.000000	35.0	1000.0	1000.000	H	-21.0	39.0	74.0
3896.000000	41.2	1000.0	1000.000	H	-13.7	32.8	74.0
5890.000000	43.4	1000.0	1000.000	H	-9.9	30.7	74.0
13663.000000	50.2	1000.0	1000.000	H	-2.1	23.8	74.0
17524.000000	53.2	1000.0	1000.000	H	3.2	20.9	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
1091.000000	19.5	1000.0	1000.000	H	-23.2	34.5	54.0
1839.000000	22.3	1000.0	1000.000	H	-21.0	31.7	54.0
3896.000000	28.0	1000.0	1000.000	H	-13.7	26.0	54.0
5890.000000	30.4	1000.0	1000.000	H	-9.9	23.6	54.0
13663.000000	37.4	1000.0	1000.000	H	-2.1	16.6	54.0
17524.000000	40.5	1000.0	1000.000	H	3.2	13.5	54.0

Tested by:  20241014
Reviewed by:  20241015

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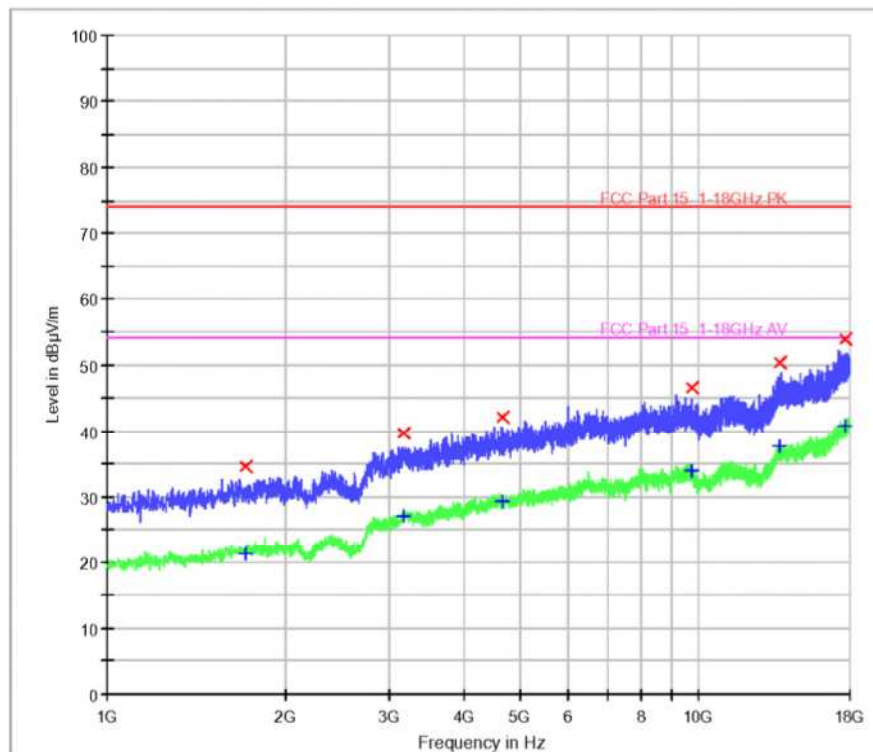
EMC Test Record (Emission)

Common Information

Manufacturer:	
Test Item:	SWFT eScooter
Identification:	SWFT-SD14-BLK
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	TX BDR L
Climate Condition:	22 °C, 53 %, 101 kPa
Test Voltage/ Freq:	
Receipt No:	170386300
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-06_1GHz-18GHz_With PreAMP EXT& Hight-pass filter



Tested by: *Janson Li*
20241014

Reviewed by: *Jacky Chen*
20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
1712.000000	34.6	1000.0	1000.000	V	-21.4	39.4	74.0
3176.000000	39.7	1000.0	1000.000	V	-15.5	34.3	74.0
4653.000000	42.2	1000.0	1000.000	V	-11.8	31.8	74.0
9749.000000	46.6	1000.0	1000.000	V	-5.6	27.4	74.0
13727.000000	50.4	1000.0	1000.000	V	-2.2	23.6	74.0
17719.000000	53.9	1000.0	1000.000	V	3.5	20.1	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
1712.000000	21.4	1000.0	1000.000	V	-21.4	32.6	54.0
3176.000000	27.0	1000.0	1000.000	V	-15.5	27.0	54.0
4653.000000	29.2	1000.0	1000.000	V	-11.8	24.8	54.0
9749.000000	33.8	1000.0	1000.000	V	-5.6	20.2	54.0
13727.000000	37.6	1000.0	1000.000	V	-2.2	16.4	54.0
17719.000000	40.9	1000.0	1000.000	V	3.5	13.1	54.0

Tested by:  20241014
Reviewed by:  20241015

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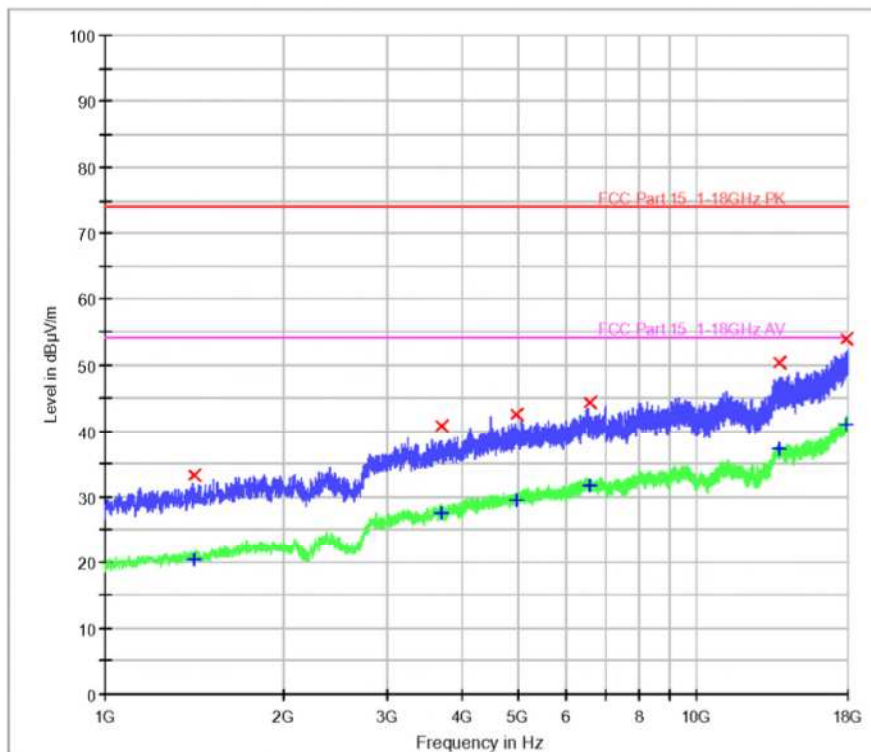
EMC Test Record (Emission)

Common Information

Manufacturer:	
Test Item:	SWFT eScooter
Identification:	SWFT-SD14-BLK
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	TX BDR M
Climate Condition:	22 °C, 53 %, 101 kPa
Test Voltage/ Freq:	
Receipt No:	170386300
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_ERE011-A02-06_1GHz-18GHz_With PreAMP EXT& Hight-pass filter



Tested by:	<i>Janson Li</i>	Reviewed by:	<i>Jacky Chen</i>
	20241014		20241015

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EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
1414.000000	33.3	1000.0	1000.000	H	-22.3	40.8	74.0
3692.000000	40.8	1000.0	1000.000	H	-14.2	33.3	74.0
4963.000000	42.5	1000.0	1000.000	H	-11.1	31.5	74.0
6593.000000	44.4	1000.0	1000.000	H	-8.2	29.6	74.0
13795.000000	50.2	1000.0	1000.000	H	-2.2	23.8	74.0
17838.000000	53.8	1000.0	1000.000	H	3.8	20.2	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
1414.000000	20.4	1000.0	1000.000	H	-22.3	33.6	54.0
3692.000000	27.6	1000.0	1000.000	H	-14.2	26.4	54.0
4963.000000	29.6	1000.0	1000.000	H	-11.1	24.4	54.0
6593.000000	31.6	1000.0	1000.000	H	-8.2	22.4	54.0
13795.000000	37.2	1000.0	1000.000	H	-2.2	16.8	54.0
17838.000000	41.0	1000.0	1000.000	H	3.8	13.0	54.0

Tested by:  20241014
Reviewed by:  20241015

TUV Rheinland (Guangdong) Ltd.

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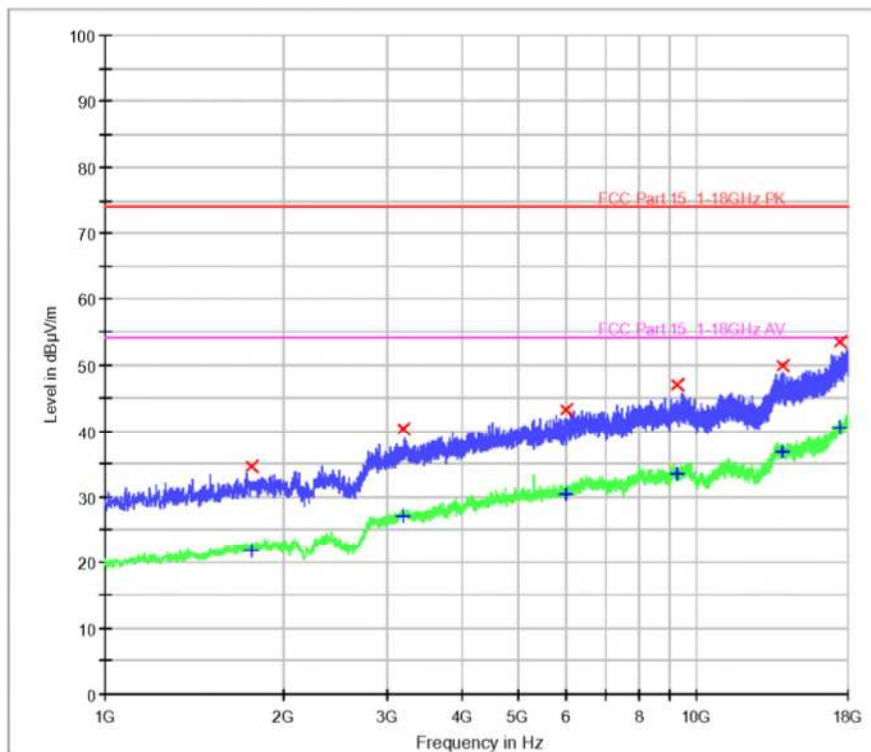
EMC Test Record (Emission)

Common Information

Manufacturer:	
Test Item:	SWFT eScooter
Identification:	SWFT-SD14-BLK
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	TX BDR M
Climate Condition:	22 °C, 53 %, 101 kPa
Test Voltage/ Freq:	
Receipt No:	170386300
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_ERE011-A02-06_1GHz-18GHz_With PreAMP EXT& Hight-pass filter



Tested by:	<i>Janson Li</i>	Reviewed by:	<i>Jacky Chen</i>
	20241014		20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
1767.000000	34.7	1000.0	1000.000	V	-21.2	39.3	74.0
3197.000000	40.4	1000.0	1000.000	V	-15.4	33.6	74.0
6000.000000	43.2	1000.0	1000.000	V	-9.7	30.8	74.0
9296.000000	47.0	1000.0	1000.000	V	-5.3	27.0	74.0
13986.000000	49.9	1000.0	1000.000	V	-2.0	24.2	74.0
17430.000000	53.4	1000.0	1000.000	V	3.0	20.6	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
1767.000000	21.6	1000.0	1000.000	V	-21.2	32.4	54.0
3197.000000	27.1	1000.0	1000.000	V	-15.4	26.9	54.0
6000.000000	30.4	1000.0	1000.000	V	-9.7	23.6	54.0
9296.000000	33.4	1000.0	1000.000	V	-5.3	20.6	54.0
13986.000000	36.9	1000.0	1000.000	V	-2.0	17.1	54.0
17430.000000	40.7	1000.0	1000.000	V	3.0	13.3	54.0

Tested by:  20241014
Reviewed by:  20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

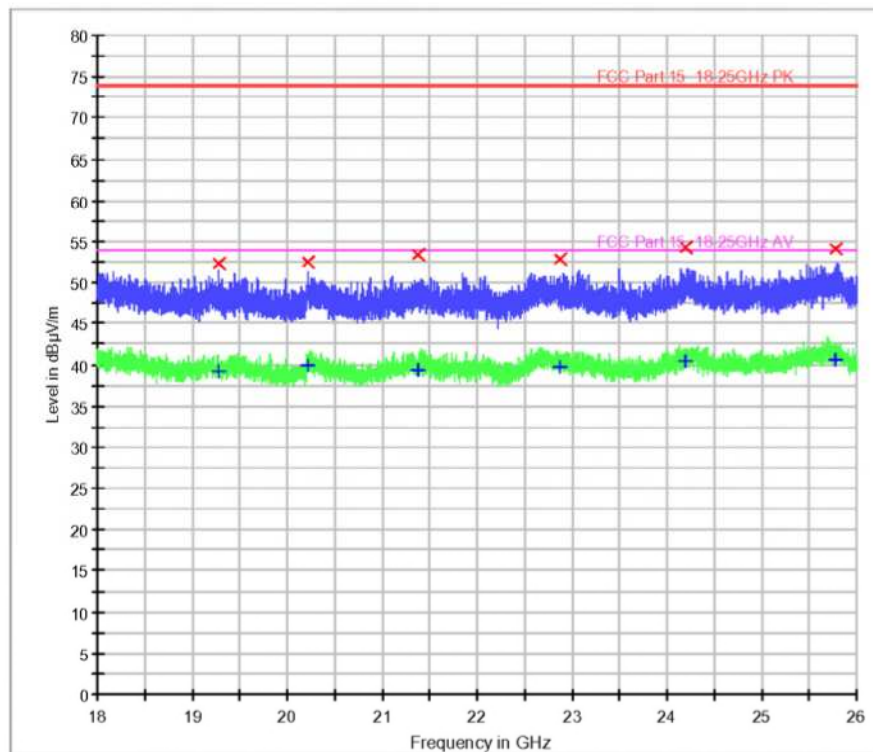
EMC Test Record (Emission)

Common Information

Manufacturer:	
Test Item:	SWFT eScooter
Identification:	SWFT-SD14-BLK
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	TX BDR H
Climate Condition:	22 °C, 53 %, 101 kPa
Test Voltage/ Freq:	
Receipt No:	170386300
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by:	<i>Janson Li</i>	Reviewed by:	<i>Jacky Chen</i>
	20241014		20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
19271.000000	52.4	1000.0	1000.000	H	6.5	21.7	74.0
20214.000000	52.5	1000.0	1000.000	H	6.1	21.5	74.0
21386.000000	53.3	1000.0	1000.000	H	5.7	20.7	74.0
22879.000000	52.9	1000.0	1000.000	H	6.1	21.1	74.0
24196.000000	54.3	1000.0	1000.000	H	5.8	19.7	74.0
25779.000000	54.1	1000.0	1000.000	H	6.0	19.9	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
19271.000000	39.2	1000.0	1000.000	H	6.5	14.8	54.0
20214.000000	39.8	1000.0	1000.000	H	6.1	14.2	54.0
21386.000000	39.4	1000.0	1000.000	H	5.7	14.6	54.0
22879.000000	39.8	1000.0	1000.000	H	6.1	14.2	54.0
24196.000000	40.4	1000.0	1000.000	H	5.8	13.6	54.0
25779.000000	40.7	1000.0	1000.000	H	6.0	13.3	54.0

Tested by:  20241014
Reviewed by:  20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

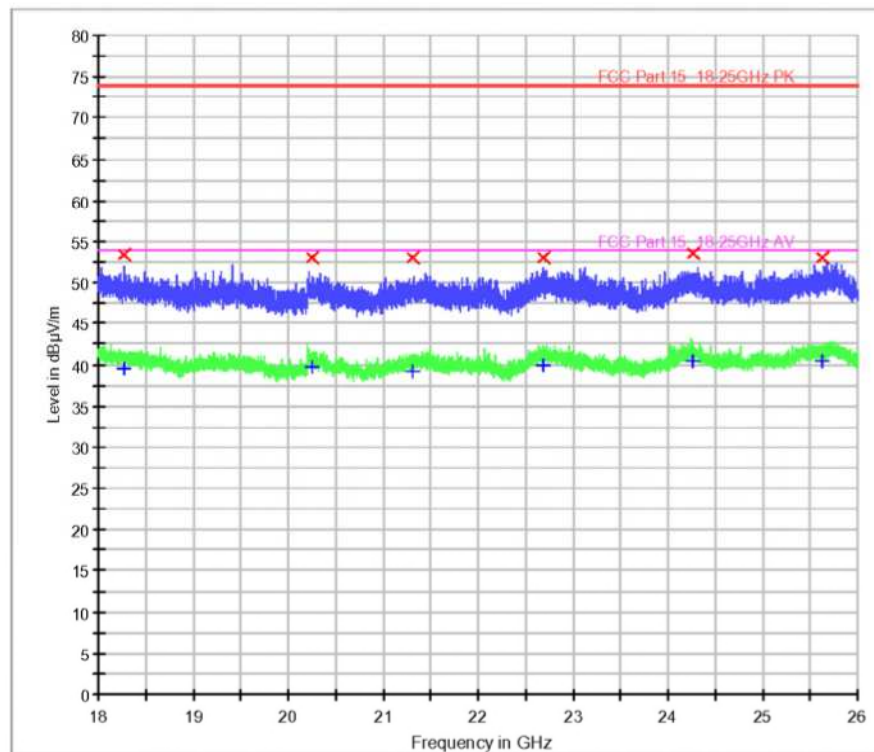
EMC Test Record (Emission)

Common Information

Manufacturer:	
Test Item:	SWFT eScooter
Identification:	SWFT-SD14-BLK
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	TX BDR H
Climate Condition:	22 °C, 53 %, 101 kPa
Test Voltage/ Freq:	
Receipt No:	170386300
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by:	<i>Janson Li</i>	Reviewed by:	<i>Jacky Chen</i>
	20241014		20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
18274.000000	53.3	1000.0	1000.000	V	6.6	20.7	74.0
20245.000000	53.0	1000.0	1000.000	V	6.1	21.0	74.0
21306.000000	53.1	1000.0	1000.000	V	5.7	20.9	74.0
22697.000000	53.0	1000.0	1000.000	V	6.2	21.0	74.0
24267.000000	53.6	1000.0	1000.000	V	5.8	20.4	74.0
25633.000000	53.1	1000.0	1000.000	V	6.1	20.9	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
18274.000000	39.6	1000.0	1000.000	V	6.6	14.4	54.0
20245.000000	39.7	1000.0	1000.000	V	6.1	14.3	54.0
21306.000000	39.2	1000.0	1000.000	V	5.7	14.8	54.0
22697.000000	39.9	1000.0	1000.000	V	6.2	14.1	54.0
24267.000000	40.5	1000.0	1000.000	V	5.8	13.5	54.0
25633.000000	40.4	1000.0	1000.000	V	6.1	13.6	54.0

Tested by:  20241014
Reviewed by:  20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

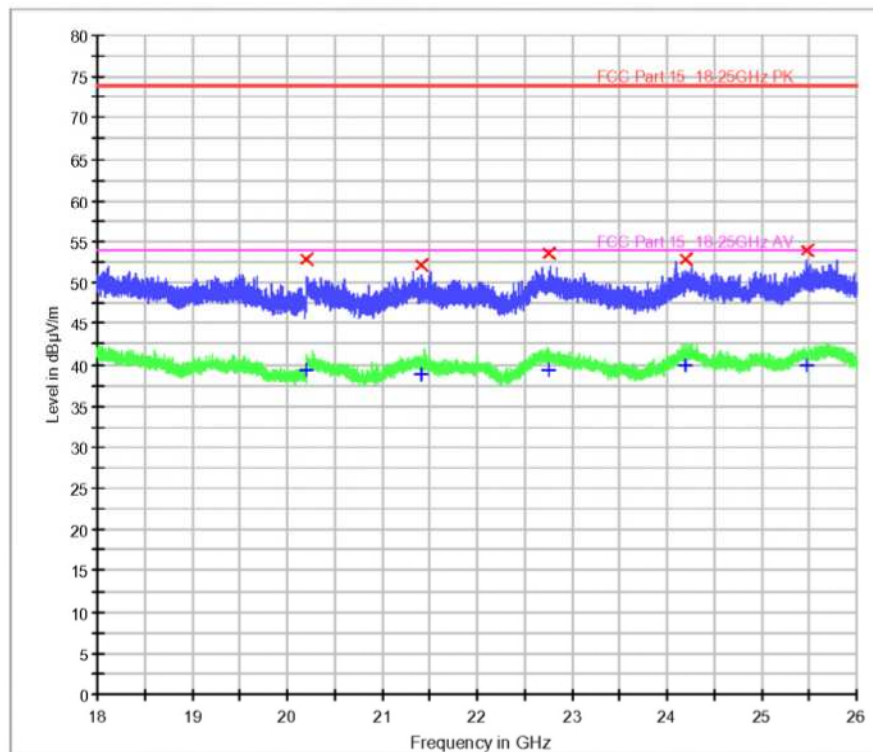
EMC Test Record (Emission)

Common Information

Manufacturer:	
Test Item:	SWFT eScooter
Identification:	SWFT-SD14-BLK
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	TX BDR L
Climate Condition:	22 °C, 53 %, 101 kPa
Test Voltage/ Freq:	
Receipt No:	170386300
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by:	<i>Janson Li</i>	Reviewed by:	<i>Jacky Chen</i>
	20241014		20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
20206.000000	52.9	1000.0	1000.000	V	6.1	21.1	74.0
21409.000000	52.1	1000.0	1000.000	V	5.8	21.9	74.0
22759.000000	53.6	1000.0	1000.000	V	6.1	20.4	74.0
24204.000000	52.9	1000.0	1000.000	V	5.8	21.1	74.0
25485.000000	53.9	1000.0	1000.000	V	6.1	20.1	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
20206.000000	39.5	1000.0	1000.000	V	6.1	14.5	54.0
21409.000000	38.9	1000.0	1000.000	V	5.8	15.1	54.0
22759.000000	39.4	1000.0	1000.000	V	6.1	14.6	54.0
24204.000000	40.0	1000.0	1000.000	V	5.8	14.0	54.0
25485.000000	39.9	1000.0	1000.000	V	6.1	14.1	54.0

Tested by:  20241014
Reviewed by:  20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

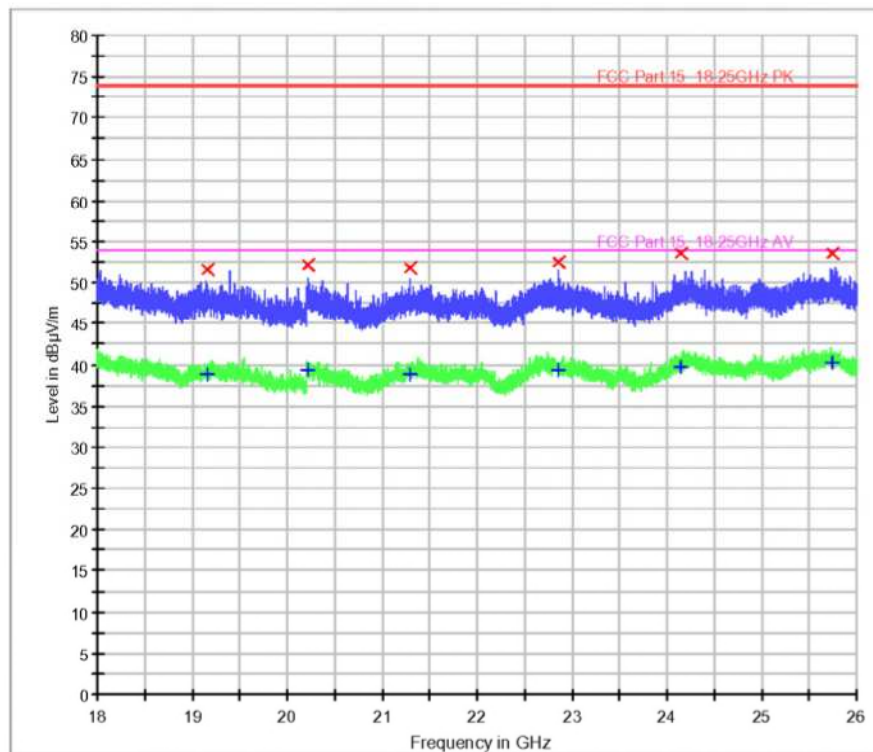
EMC Test Record (Emission)

Common Information

Manufacturer:	
Test Item:	SWFT eScooter
Identification:	SWFT-SD14-BLK
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	TX BDR L
Climate Condition:	22 °C, 53 %, 101 kPa
Test Voltage/ Freq:	
Receipt No:	170386300
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by:		Reviewed by:	
	20241014		20241015

TUV Rheinland (Guangdong) Ltd.

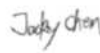
EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
19160.000000	51.6	1000.0	1000.000	H	6.6	22.4	74.0
20217.000000	52.2	1000.0	1000.000	H	6.1	21.8	74.0
21287.000000	51.7	1000.0	1000.000	H	5.7	22.3	74.0
22852.000000	52.5	1000.0	1000.000	H	6.1	21.5	74.0
24145.000000	53.6	1000.0	1000.000	H	5.8	20.4	74.0
25756.000000	53.7	1000.0	1000.000	H	6.0	20.4	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
19160.000000	38.8	1000.0	1000.000	H	6.6	15.2	54.0
20217.000000	39.3	1000.0	1000.000	H	6.1	14.7	54.0
21287.000000	38.8	1000.0	1000.000	H	5.7	15.2	54.0
22852.000000	39.4	1000.0	1000.000	H	6.1	14.6	54.0
24145.000000	39.7	1000.0	1000.000	H	5.8	14.4	54.0
25756.000000	40.3	1000.0	1000.000	H	6.0	13.7	54.0

Tested by:  20241014
Reviewed by:  20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

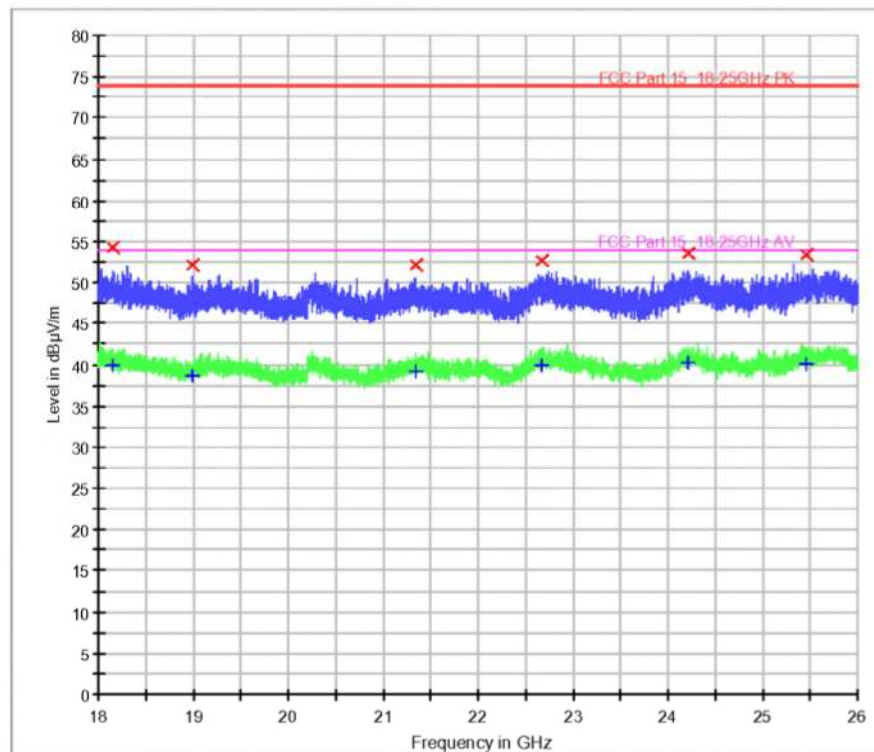
EMC Test Record (Emission)

Common Information

Manufacturer:	
Test Item:	SWFT eScooter
Identification:	SWFT-SD14-BLK
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	TX BDR M
Climate Condition:	22 °C, 53 %, 101 kPa
Test Voltage/ Freq:	
Receipt No:	170386300
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by: *Janson Li* 20241014
Reviewed by: *Jacky Chen* 20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
18152.000000	54.2	1000.0	1000.000	H	6.6	19.8	74.0
18993.000000	52.2	1000.0	1000.000	H	6.6	21.8	74.0
21338.000000	52.1	1000.0	1000.000	H	5.7	21.9	74.0
22665.000000	52.6	1000.0	1000.000	H	6.2	21.4	74.0
24215.000000	53.6	1000.0	1000.000	H	5.8	20.4	74.0
25466.000000	53.4	1000.0	1000.000	H	6.1	20.6	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
18152.000000	39.8	1000.0	1000.000	H	6.6	14.2	54.0
18993.000000	38.7	1000.0	1000.000	H	6.6	15.3	54.0
21338.000000	39.2	1000.0	1000.000	H	5.7	14.8	54.0
22665.000000	39.9	1000.0	1000.000	H	6.2	14.1	54.0
24215.000000	40.3	1000.0	1000.000	H	5.8	13.7	54.0
25466.000000	40.1	1000.0	1000.000	H	6.1	13.9	54.0

Tested by:  20241014
Reviewed by:  20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

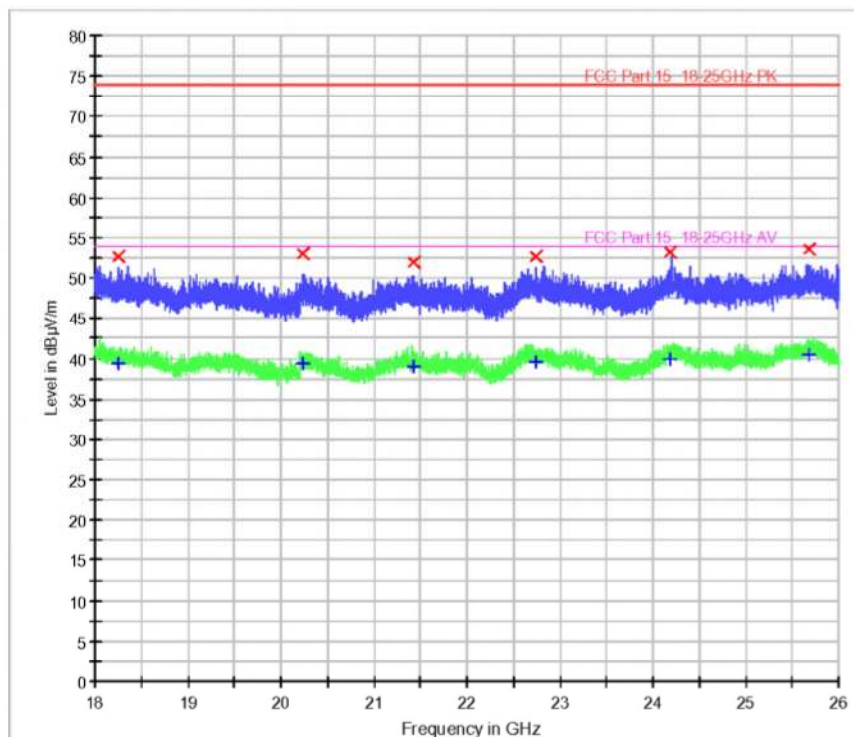
EMC Test Record (Emission)

Common Information

Manufacturer:	
Test Item:	SWFT eScooter
Identification:	SWFT-SD14-BLK
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	TX BDR M
Climate Condition:	22 °C, 53 %, 101 kPa
Test Voltage/ Freq:	
Receipt No:	170386300
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

Subrange 1	
Frequency Range:	18GHz-26GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_ERE011-A02-08_18GHz-25GHz_With PreAMP EXT



Tested by:	<i>Janson Li</i>	Reviewed by:	<i>Jacky Chen</i>
	20241014		20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
18245.000000	52.7	1000.0	1000.000	V	6.6	21.3	74.0
20236.000000	53.0	1000.0	1000.000	V	6.1	21.0	74.0
21421.000000	52.0	1000.0	1000.000	V	5.8	22.0	74.0
22733.000000	52.7	1000.0	1000.000	V	6.1	21.3	74.0
24188.000000	53.2	1000.0	1000.000	V	5.8	20.9	74.0
25674.000000	53.6	1000.0	1000.000	V	6.0	20.5	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
18245.000000	39.4	1000.0	1000.000	V	6.6	14.6	54.0
20236.000000	39.4	1000.0	1000.000	V	6.1	14.6	54.0
21421.000000	39.0	1000.0	1000.000	V	5.8	15.1	54.0
22733.000000	39.6	1000.0	1000.000	V	6.1	14.5	54.0
24188.000000	39.9	1000.0	1000.000	V	5.8	14.1	54.0
25674.000000	40.5	1000.0	1000.000	V	6.0	13.5	54.0

Tested by:  20241014
Reviewed by:  20241015

TUV Rheinland (Guangdong) Ltd.

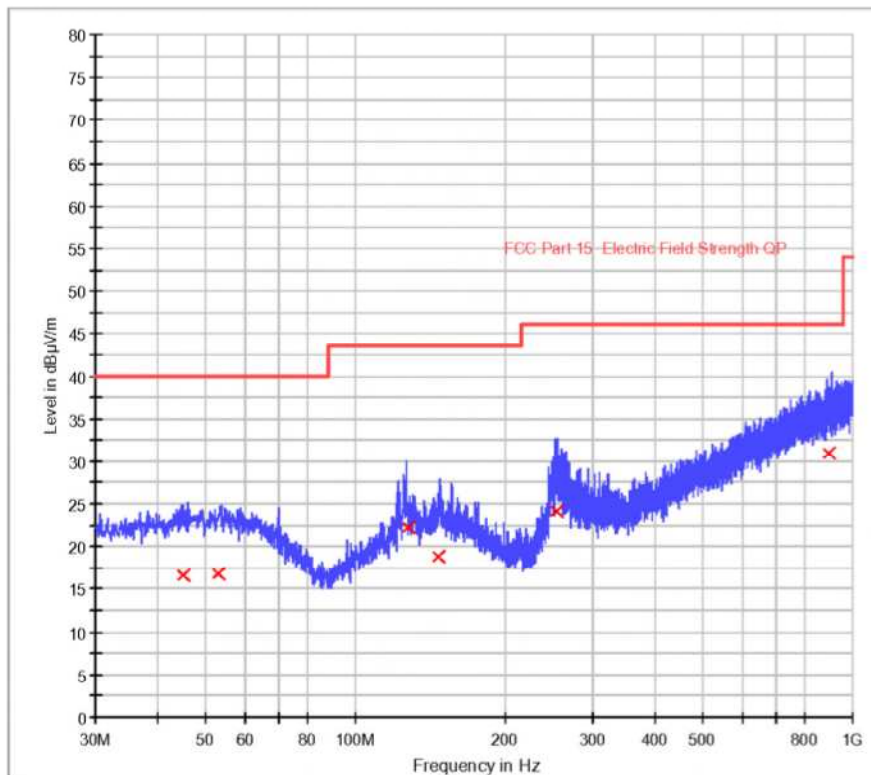
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer:	
Test Item:	SWFT eScooter
Identification:	SWFT-SD14-BLK
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	TX EDR M
Climate Condition:	22 °C, 53 %, 101 kPa
Test Voltage/ Freq:	
Receipt No:	170386300
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

Subrange 1	
Frequency range:	30-1000MHz
Receiver:	ESCI 3
Transducer:	VULB9168



Tested by: *Janson Li*
20241014

Reviewed by: *Jacky Chen*
20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin

Frequency (MHz)	QuasiPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBμV/m)
44.920000	16.6	1000.0	120.000	H	20.5	23.4	40.0
52.800000	16.9	1000.0	120.000	H	20.7	23.1	40.0
127.480000	22.2	1000.0	120.000	H	19.1	21.3	43.5
146.640000	18.8	1000.0	120.000	H	21.2	24.7	43.5
253.080000	24.1	1000.0	120.000	H	20.2	21.9	46.0
898.400000	31.1	1000.0	120.000	H	34.5	14.9	46.0

Tested by: 
20241014

Reviewed by: 
20241015

TUV Rheinland (Guangdong) Ltd.

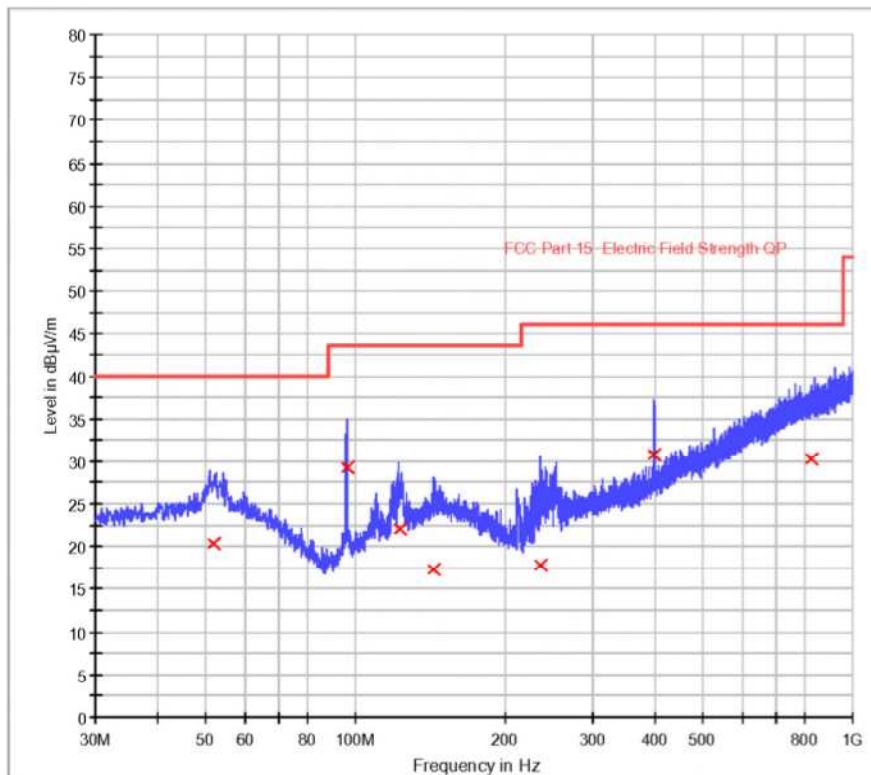
EMC Test Service Hotline: +86-20-28391188

EMC Test Record (Emission)

Common Information

Manufacturer:	
Test Item:	SWFT eScooter
Identification:	SWFT-SD14-BLK
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	TX EDR M
Climate Condition:	22 °C, 53 %, 101 kPa
Test Voltage/ Freq:	
Receipt No:	170386300
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

Subrange 1	
Frequency range:	30-1000MHz
Receiver:	ESCI 3
Transducer:	VULB9168



Tested by: *Janson Li*
20241014

Reviewed by: *Jacky Chen*
20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin

Frequency (MHz)	QuasiPeak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBµV/m)
51.840000	20.4	1000.0	120.000	V	20.7	19.6	40.0
95.960000	29.4	1000.0	120.000	V	15.7	14.1	43.5
123.000000	22.0	1000.0	120.000	V	18.6	21.5	43.5
143.840000	17.3	1000.0	120.000	V	20.9	26.2	43.5
235.640000	17.8	1000.0	120.000	V	19.4	28.2	46.0
398.840000	30.8	1000.0	120.000	V	24.6	15.2	46.0
823.440000	30.3	1000.0	120.000	V	33.6	15.7	46.0

Tested by: 
20241014

Reviewed by: 
20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

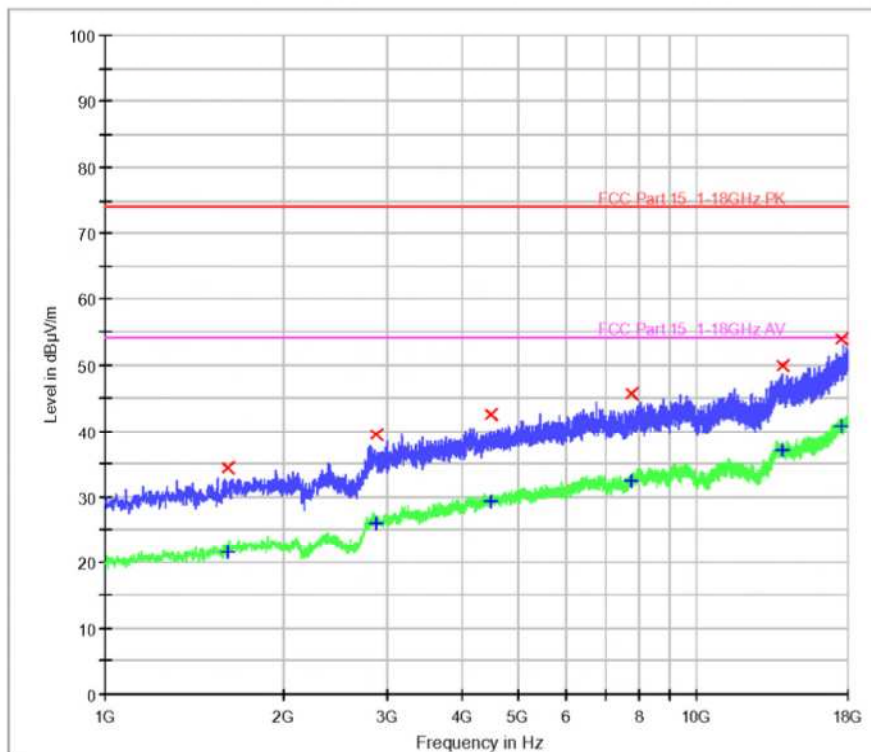
EMC Test Record (Emission)

Common Information

Manufacturer:	
Test Item:	SWFT eScooter
Identification:	SWFT-SD14-BLK
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	TX EDR L
Climate Condition:	22 °C, 53 %, 101 kPa
Test Voltage/ Freq:	
Receipt No:	170386300
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-06_1GHz-18GHz_With PreAMP EXT& Hight-pass filter



Tested by:		Reviewed by:	
	20241014		202410145

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
1614.000000	34.4	1000.0	1000.000	V	-21.6	39.6	74.0
2866.000000	39.4	1000.0	1000.000	V	-16.4	34.6	74.0
4498.000000	42.5	1000.0	1000.000	V	-12.1	31.5	74.0
7749.000000	45.7	1000.0	1000.000	V	-7.4	28.3	74.0
13960.000000	49.8	1000.0	1000.000	V	-2.0	24.2	74.0
17513.000000	53.9	1000.0	1000.000	V	3.2	20.1	74.0

Limit and Margin AV

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
1614.000000	21.6	1000.0	1000.000	V	-21.6	32.4	54.0
2866.000000	26.0	1000.0	1000.000	V	-16.4	28.0	54.0
4498.000000	29.4	1000.0	1000.000	V	-12.1	24.6	54.0
7749.000000	32.3	1000.0	1000.000	V	-7.4	21.7	54.0
13960.000000	37.0	1000.0	1000.000	V	-2.0	17.0	54.0
17513.000000	40.7	1000.0	1000.000	V	3.2	13.3	54.0

Tested by:  20241014
Reviewed by:  202410145

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

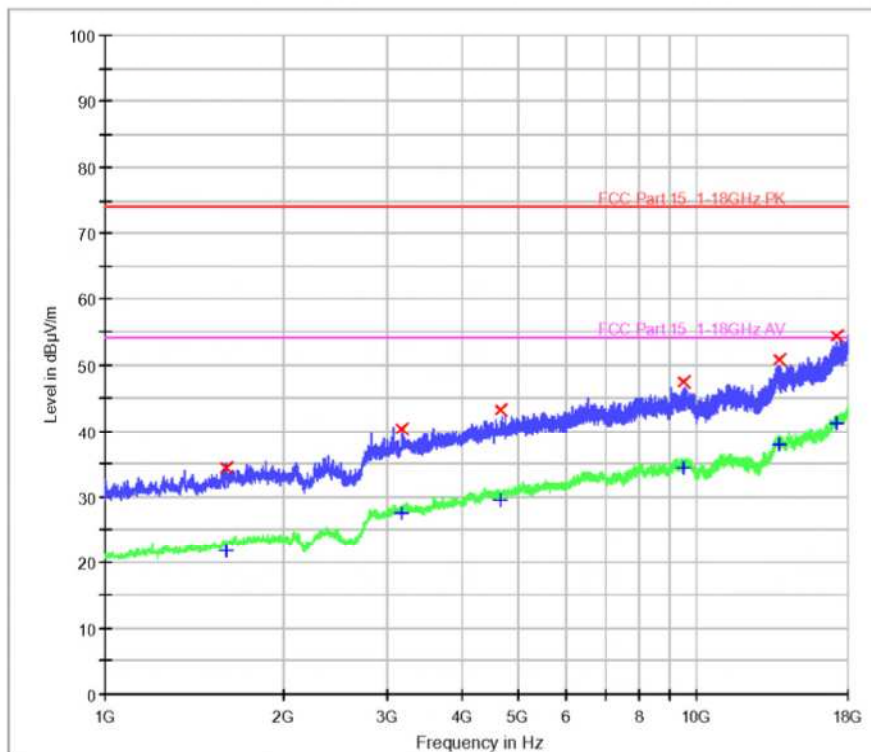
EMC Test Record (Emission)

Common Information

Manufacturer:	
Test Item:	SWFT eScooter
Identification:	SWFT-SD14-BLK
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	TX EDR H
Climate Condition:	22 °C, 53 %, 101 kPa
Test Voltage/ Freq:	
Receipt No:	170386300
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Horizontal

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_EREFO11-A02-06_1GHz-18GHz_With PreAMP EXT& Hight-pass filter



Tested by:	<i>Janson Li</i>	Reviewed by:	<i>Jacky Chen</i>
	20241014		20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
1603.000000	34.3	1000.0	1000.000	H	-21.7	39.7	74.0
3172.000000	40.3	1000.0	1000.000	H	-15.5	33.7	74.0
4655.000000	43.2	1000.0	1000.000	H	-11.8	30.8	74.0
9511.000000	47.4	1000.0	1000.000	H	-5.2	26.6	74.0
13775.000000	50.8	1000.0	1000.000	H	-2.2	23.2	74.0
17254.000000	54.3	1000.0	1000.000	H	2.7	19.7	74.0

Limit and Margin AV

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
1603.000000	34.3	1000.0	1000.000	H	-21.7	32.3	54.0
3172.000000	40.3	1000.0	1000.000	H	-15.5	26.6	54.0
4655.000000	43.2	1000.0	1000.000	H	-11.8	24.4	54.0
9511.000000	47.4	1000.0	1000.000	H	-5.2	19.7	54.0
13775.000000	50.8	1000.0	1000.000	H	-2.2	16.1	54.0
17254.000000	54.3	1000.0	1000.000	H	2.7	12.7	54.0

Tested by:  20241014
Reviewed by:  20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

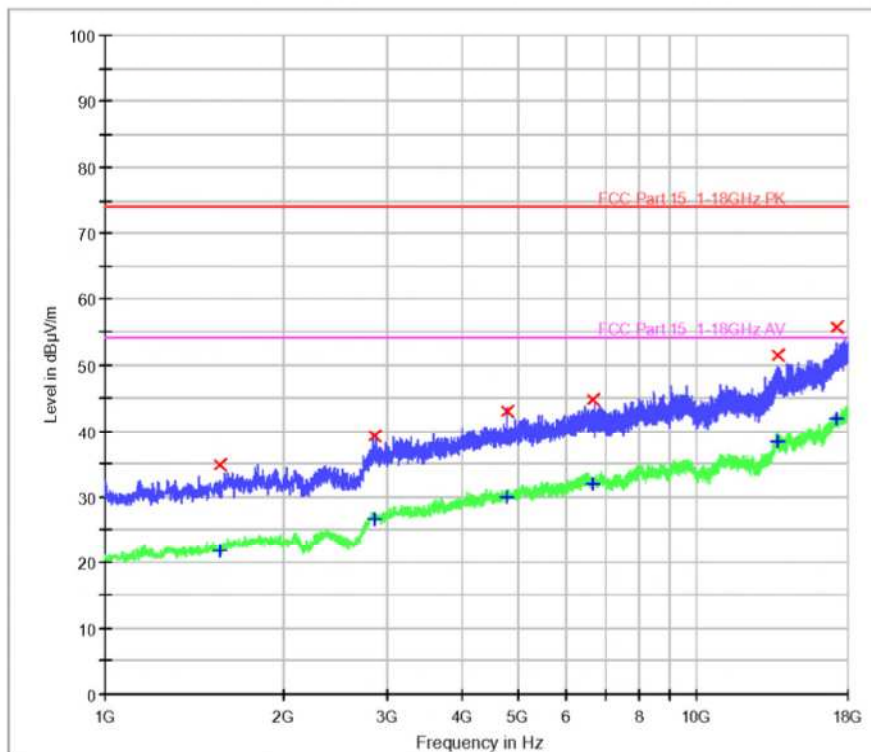
EMC Test Record (Emission)

Common Information

Manufacturer:	
Test Item:	SWFT eScooter
Identification:	SWFT-SD14-BLK
Test Standard:	FCC Part 15C
Test Detail:	Radiated Emission
Operation Mode:	TX EDR H
Climate Condition:	22 °C, 53 %, 101 kPa
Test Voltage/ Freq:	
Receipt No:	170386300
Report No:	/
Result:	Pass
Comment:	Test distance is 3m; Vertical

Subrange 1	
Frequency Range:	1GHz-18GHz
Receiver:	TUV FSP30
Transducer:	TUV SAC HF907/ TUV FSP30-TUV SAC HF907

EMCTT_ERE011-A02-06_1GHz-18GHz_With PreAMP EXT& Hight-pass filter



Tested by: *Janson Li*
20241014

Reviewed by: *Jacky Chen*
20241015

TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

Limit and Margin PK

Frequency (MHz)	MaxPeak (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - PK+ (dB)	Limit - PK+ (dBμV/m)
1567.000000	34.8	1000.0	1000.000	V	-21.8	39.2	74.0
2847.000000	39.4	1000.0	1000.000	V	-16.5	34.7	74.0
4770.000000	43.1	1000.0	1000.000	V	-11.5	30.9	74.0
6682.000000	44.7	1000.0	1000.000	V	-8.3	29.3	74.0
13720.000000	51.5	1000.0	1000.000	V	-2.2	22.5	74.0
17260.000000	55.8	1000.0	1000.000	V	2.7	18.3	74.0

Limit and Margin av

Frequency (MHz)	Average (dBμV/m)	Meas. Time (ms)	Bandwidth (kHz)	Pol	Corr. (dB/m)	Margin - AVG (dB)	Limit - AVG (dBμV/m)
1567.000000	21.7	1000.0	1000.000	V	-21.8	32.3	54.0
2847.000000	26.5	1000.0	1000.000	V	-16.5	27.5	54.0
4770.000000	29.9	1000.0	1000.000	V	-11.5	24.1	54.0
6682.000000	31.8	1000.0	1000.000	V	-8.3	22.2	54.0
13720.000000	38.4	1000.0	1000.000	V	-2.2	15.6	54.0
17260.000000	42.0	1000.0	1000.000	V	2.7	12.0	54.0

Tested by:  20241014
Reviewed by:  20241015