

Hardware Unit Test Report

Bluetooth Sensitivity Test

Hardware version	FW version	Sample No.	eMMC Flash P/N
V025	4.9.113 #1MonFeb 1122:40:43 CST 2019	S/N: YU00VJC	KLM8G1GETF-B041

● Test Step

1. Test location : office
Test environment setting : Box and RCU distance at least keep 8m of voice, 15m of key button
2. Box horizontal and vertical deflection at 0°, +/- 30°, +/- 45°...
3. Measure RCU each function key can work 0°, +/- 30°, +/- 45°...
4. Repeat step 2,3 and test all degree

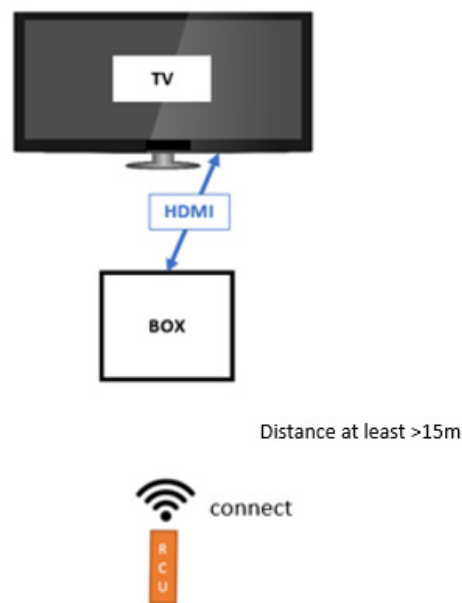


Figure 1. Test diagram

● Test Result

Table 1. & Table 2 User Environment Test Result(USB3.0 port no transfer)

(Without Shielding)

<i>Measurement Positions</i>	<i>Distance</i>	<i>Actual Test Distance</i>	<i>Result</i>	<i>RCU key function</i>
Nearby	>20cm	>50cm	PASS	Functional key: Power on/off Change channel key TV key Home key Up/Down/Left/Right/OK key Back key Menu key Vol. Up/Down key
Front (0°)	> 15m	>20.16m	PASS	
Horizontal Deflection (+30°)		>20.16m	PASS	
Horizontal Deflection (-30°)		>20.16m	PASS	
Horizontal Deflection (+45°)		>20.16m	PASS	
Horizontal Deflection (-45°)		>20.16m	PASS	
Vertical Deflection (+30°)		>20.16m	PASS	
Vertical Deflection (-30°)		>20.16m	PASS	
Vertical Deflection (+45°)		>20.16m	PASS	
Vertical Deflection (-45°)		>20.16m	PASS	

Table 1.

(With Shielding)

<i>Measurement Positions</i>	<i>Distance</i>	<i>Actual Test Distance</i>	<i>Result</i>	<i>RCU key function</i>
Nearby	>20cm	>50cm	PASS	Functional key: Power on/off Change channel key TV key Home key Up/Down/Left/Right/OK key Back key Menu key Vol. Up/Down key
Front (0°)	> 15m	>20.16m	PASS	
Horizontal Deflection (+30°)		>20.16m	PASS	
Horizontal Deflection (-30°)		>20.16m	PASS	
Horizontal Deflection (+45°)		>20.16m	PASS	
Horizontal Deflection (-45°)		>20.16m	PASS	
Vertical Deflection (+30°)		>20.16m	PASS	
Vertical Deflection (-30°)		>20.16m	PASS	
Vertical Deflection (+45°)		>20.16m	PASS	
Vertical Deflection (-45°)		>20.16m	PASS	

Table 2.

Table 3. & Table 4 User Environment Test Result(USB3.0 port play 4KP60 Video)

(Without Shielding)

<i>Measurement Positions</i>	<i>Distance</i>	<i>Actual Test Distance</i>	<i>Result</i>	<i>RCU key function</i>
Nearby	>20cm	>50cm	PASS	Functional key: Power on/off Change channel key TV key Home key Up/Down/Left/Right/OK key Back key Menu key Vol. Up/Down key
Front (0°)	> 15m	>20.16m	PASS	
Horizontal Deflection (+30°)		>20.16m	PASS	
Horizontal Deflection (-30°)		>20.16m	PASS	
Horizontal Deflection (+45°)		>20.16m	PASS	
Horizontal Deflection (-45°)		>20.16m	PASS	
Vertical Deflection (+30°)		>20.16m	PASS	
Vertical Deflection (-30°)		>20.16m	PASS	
Vertical Deflection (+45°)		>20.16m	PASS	
Vertical Deflection (-45°)		>20.16m	PASS	

Table 3.

(With Shielding)

<i>Measurement Positions</i>	<i>Distance</i>	<i>Actual Test Distance</i>	<i>Result</i>	<i>RCU key function</i>
Nearby	>20cm	>50cm	PASS	Functional key: Power on/off Change channel key TV key Home key Up/Down/Left/Right/OK key Back key Menu key Vol. Up/Down key
Front (0°)	> 15m	>20.16m	PASS	
Horizontal Deflection (+30°)		>20.16m	PASS	
Horizontal Deflection (-30°)		>20.16m	PASS	
Horizontal Deflection (+45°)		>20.16m	PASS	
Horizontal Deflection (-45°)		>20.16m	PASS	
Vertical Deflection (+30°)		>20.16m	PASS	
Vertical Deflection (-30°)		>20.16m	PASS	
Vertical Deflection (+45°)		>20.16m	PASS	
Vertical Deflection (-45°)		>20.16m	PASS	

Table 4.