

FCC ID: QYK-EL101

1) How the device operate?

The device is installed in car by through a power cable to car battery, it is a car Navigation by receive GPS signal. BT can be paired with mobile phone as a hand free function, the voice/music can be played by through FM tuner in car

2) Provide product information and its antenna.

FM transmitter:

Frequency Range: 88.1 to 107.9MHz

Modulation: FM

Antenna type: monopole Antenna

BT V3.0 + EDR:

Frequency Range: 2402 – 2480MHz

Transmit Power: 1.41 dBm (Peak)

Antenna type: Chip Antenna / 2.1 dBi

Modulation: GFSK + $\pi/4$ DQPSK + 8DPSK

3) How is it installed?

The DUT is a car media center used in vehicle environment, it's powered by 12Vdc car battery, It includes FM /BT radio, GPS and display etc. function.

4) What is the test procedure used?

Test procedure is conformed to ANSI 63.4

5) If installed in a car, how is it configured?

E-LEAD Navigation Through Projection

- Projects navigation information onto your windshield
- Provides estimated time of arrival and lane assist
- Offers speed, traffic and safety camera
- Works wirelessly with compatible Bluetooth®-enabled smartphones
- For use with EZ-Remote is app

6) Was the tuning range properly verified?

Yes, 88.1 MHz to 107.9MHz is verified.

7) Was the bandwidth properly tested with max. audio signal input?

Yes, 2.5KHz audio signal was input and the volume to max.

1) Provide test report?

Report number : 14LR166FCDSS & 14LR166FCFM