



Report No.: PTC24041008601E-FC04

FCC TEST REPORT

FCC ID: 2BGJK-Q66

Product	:	Android media player
Model Name	:	Q66,QY8
Brand	:	QINTAIX
Report No.	:	PTC24041008601E-FC04
Prepared for		
QINTEX-TECH CO.,LTD		
Room 301, Building A, 118 Xingye 1 st Road, Fuhai Street, Bao'an, Shenzhen, China		
Prepared by		
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TEST RESULT CERTIFICATION

Applicant's name : QINTEX-TECH CO.,LTD

Address : Room 301,Building A ,118 Xingye 1 st Road , Fuhai Street,
Bao'an, Shenzhen, China 518103

Manufacture's name : QINTEX-TECH CO.,LTD

Address : Room 301,Building A ,118 Xingye 1 st Road , Fuhai Street,
Bao'an, Shenzhen, China 518103

Product name : Android media player

Model name : Q66,QY8

Test procedure : FCC CFR47 Part 1.1307(b)(1)

Test Date : Apr. 11, 2024 to May. 17, 2024

Date of Issue : May. 17, 2024

Test Result : PASS

This device described above has been tested by PTC, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Test Engineer:

A handwritten signature in black ink, appearing to read 'Jack Zhou'.

Jack Zhou / Engineer

Technical Manager:

A handwritten signature in black ink, appearing to read 'Simon Pu'.

Simon Pu / Manager



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2 Test Summary

Test Items	Test Requirement	Result
Maximum Permissible Exposure (Exposure of Humans to RF Fields)	15.247 (i)	PASS
Remark:		
N/A: Not Applicable		



3 General Information

3.1 General Description of E.U.T.

Product Name	:	Android media player
Model Name	:	Q66
Additional model	:	QY8
Specification	:	802.11b/g/n HT20/HT40 802.11a/n HT20/HT40/ac20/ac40/ac80
Operation Frequency	:	2402-2480MHz 2412-2462MHz for 802.11b/g/ n(HT20/HT40) 5G Wi-Fi:5180-5240 MHz 5.8G Wi-Fi:5745MHz~5825MHz
Number of Channel	:	40 channels For DTS 11 channels for 802.11b/g/ n(HT20/HT40) 4 channels for 802.11a/n20/ac20 5180-5240 MHz 5 channels for 802.11a/n20/ac20 5745MHz~5825MHz 2 channels for 802.11n40/ac40 5190-5230 MHz 2 channels for 802.11n40/ac40 5755MHz~5795MHz 1 channels for 802.11 ac80
Type of Modulation	:	GFSK, For DTS DSSS with DBPSK/DQPSK/CCK for 802.11b; OFDM with BPSK/QPSK/16QAM/64QAM for 802.11g/n; OFDM with BPSK/QPSK/16QAM/64QAM for 802.11g/n/a/ac
Antenna installation	:	External Antenna
Antenna Gain	:	2.4G:3.02 dBi 5.2G:3.23 dBi 5.8G:2.94 dBi
Power supply	:	Adapter: Model: HP5V-2.5A Input: 100-240V~50/60Hz 0.5A Output:DC5V,2.5A
Hardware Version	:	V1.1
Software Version	:	ANDROID 11



4 RF Exposure

Test Requirement : FCC Part 1.1307(b)(1)

Evaluation Method : KDB 447498 D01 General RF Exposure Guidance v06

4.1 Requirements

Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess limit for maximum permissible exposure. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as a mobile device whereby a distance of 0.2 m normally can be maintained between the user and the device.

4.2 The procedures / limit

(A) Limits for Occupational / Controlled Exposure

Frequency Range	Electric Field	Magnetic Field	Power Density (S)	Averaging Time
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842 / f	4.89 / f	(900 / f)*	6
30-300	61.4	0.163	1.0	6
300-1500			F/300	6
1500-100,000			5	6

(B) Limits for General Population / Uncontrolled Exposure

Frequency Range	Electric Field	Magnetic Field	Power Density (S)	Averaging Time
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f)*	30
30-300	27.5	0.073	0.2	30
300-1500			F/1500	30
1500-100,000			1.0	30

Note: f = frequency in MHz ; *Plane-wave equivalent power density



4.3 MPE Calculation Method

$$E \text{ (V/m)} = \frac{\sqrt{30 \times P \times G}}{d} \quad \text{Power Density: } P_d \text{ (W/m}^2\text{)} = \frac{E^2}{377}$$

E = Electric field (V/m)

P = Peak RF output power (W)

G = EUT Antenna numeric gain (numeric)

d = Separation distance between radiator and human body (m)

The formula can be changed to

$$P_d = \frac{30 \times P \times G}{377 \times d^2} \theta \varphi$$

From the peak EUT RF output power, the minimum mobile separation distance, d=0.2m, as well as the gain of the used antenna, the RF power density can be obtained

4.4 Test Result

Mode	Frequency (MHz)	Antenna Gain (numeric)	Max. Peak Output Power (dBm)	Tune up tolerance (dBm)	Max Tune Up Power (mW)	Power Density (mW/cm ²)	Limit of Power Density (mW/cm ²)	Result
BLE_1M	2402	2.00	3.11	3.11 ± 1	2.576321	0.001027	1	Pass
11N40SISO	2422	2.00	19.27	19.27 ± 1	106.414302	0.042436	1	Pass
11N20SISO	5240	2.10	16.66	16.66 ± 1	58.344510	0.024419	1	Pass
11N20SISO	5825	1.97	16.62	16.62 ± 1	57.809605	0.022632	1	Pass

*****THE END REPORT*****