

RF EXPOSURE Test Report

Report No. : MTi260605004-0202E5
Date of issue : 2026-07-08
Applicant : Shenzhen Joyhong Tech Co.,Ltd
Product : tablet pc all in one
Model(s) : JT156S-H06, KK-H06-156-W, JT156S-H01,
JT156S-H02, JT156S-H03, JT156S-M01,
JT156S-M02, JT156S-M03, JT156T-H06, JT156T-
H01, JT156T-H02, JT156T-H03, JT156T-M01,
JT156T-M02, JT156T-M03
FCC ID : 2BLHF-JT156S-H06

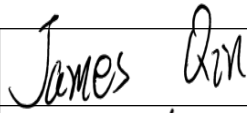
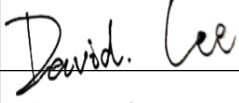
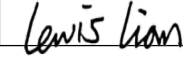
Shenzhen Microtest Co., Ltd.

TEST REPORT

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Test Result Certification		
Applicant	Shenzhen Joyhong Tech Co.,Ltd	
Applicant Address	Building B6, 101, West Industrial Zone Tantou Community, Songgang Street, Bao'an District, Shenzhen, China	
Manufacturer	Shenzhen Joyhong Tech Co.,Ltd	
Manufacturer Address	Building B6, 101, West Industrial Zone Tantou Community, Songgang Street, Bao'an District, Shenzhen, China	
Product description		
Product name	tablet pc all in one	
Trademark	N/A	
Model name	JT156S-H06	
Series Model(s)	KK-H06-156-W, JT156S-H01, JT156S-H02, JT156S-H03, JT156S-M01, JT156S-M02, JT156S-M03, JT156T-H06, JT156T-H01, JT156T-H02, JT156T-H03, JT156T-M01, JT156T-M02, JT156T-M03	
Standards	47 CFR Part 2.1091	
Test method	KDB 447498 D01 v06	
Testing Information		
Date of test	2026-06-22 to 2026-06-24	
Test Result	Pass	
Prepared by:	James Qin	
Reviewed by:	David Lee	
Approved by:	Lewis Lian	

1 RF EXPOSURE EVALUATION

According to FCC 1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) Radiation as specified in §1.1307(b)

Limits for Maximum Permissible Exposure (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*100	6
3.0-30	1842/f	4.89/f	*900/f ²	6
30-300	61.4	0.163	1.0	6
300-1,500			f/300	6
1,500-100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*100	30
1.34-30	824/f	2.19/f	*180/f ²	30
30-300	27.5	0.073	0.2	30
300-1,500			f/1500	30
1,500-100,000			1.0	30

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

MPE Calculation Method

Friis transmission formula: $P_d = (P_{out} \cdot G) / (4 \cdot \pi \cdot R^2)$

Where

P_d = Power density in mW/cm²

P_{out} = output power to antenna in mW

G = Numeric gain of the antenna relative to isotropic antenna

$\pi = 3.1415926$

R = distance between observation point and center of the radiator in cm(20cm)

P_d the limit of MPE, 1mW/cm². If we know the maximum gain of the antenna and total power input to the antenna, through the calculation, we will know the distance where the MPE limit is reached.

2 Measurement Result

BT&BLE:

Operation Frequency: 2402-2480MHz

ANT Gain: 2.74dBi

Power density limited: 1mW/ cm²

BR&EDR:

Chann el Freq. (MHz)	modulation	conducted power	Tune- up power (dBm)	Max		Antenna		Evaluation result	Power density Limits
		(dBm)		tune-up power		Gain		(mW/cm2)	(mW/c m2)
				(dBm)	(mW)	(dBi)	Numeri c		
2402	GFSK	6.68	6±1	7	5.012	2.74	1.88	0.0019	1
2441		7.48	7±1	8	6.310	2.74	1.88	0.0024	1
2480		7.12	7±1	8	6.310	2.74	1.88	0.0024	1
2402	π/4- DQPSK	6.86	6±1	7	5.012	2.74	1.88	0.0019	1
2441		7.42	7±1	8	6.310	2.74	1.88	0.0024	1
2480		7.54	7±1	8	6.310	2.74	1.88	0.0024	1
2402	8DPSK	7.14	7±1	8	6.310	2.74	1.88	0.0024	1
2441		7.79	7±1	8	6.310	2.74	1.88	0.0024	1
2480		7.90	7±1	8	6.310	2.74	1.88	0.0024	1

BLE:

Chann el Freq. (MHz)	modulation	conducted power	Tune- up power (dBm)	Max		Antenna		Evaluation result	Power density Limits
		(dBm)		tune-up power		Gain		(mW/cm2)	(mW/c m2)
				(dBm)	(mW)	(dBi)	Numeri c		
2402	GFSK-1M	-1.65	-1±1	0	1.000	2.74	1.88	0.0004	1
2440		-0.27	0±1	1	1.259	2.74	1.88	0.0005	1
2480		-1.21	-1±1	0	1.000	2.74	1.88	0.0004	1
2402	GFSK-2M	-1.94	-1±1	0	1.000	2.74	1.88	0.0004	1
2440		-0.61	0±1	1	1.259	2.74	1.88	0.0005	1
2480		-1.55	-1±1	0	1.000	2.74	1.88	0.0004	1

2.4G WIFI:

Operation Frequency: WIFI 802.11b/g/n HT20: 2412-2462MHz,

ANT Gain: 2.74dBi

Power density limited: 1mW/ cm²

Channel Freq. (MHz)	modulation	conducted power	Tune- up power	Max		Antenna	Evaluation result at 20cm	Power density Limits
		(dBm)	(dBm)	tune-up power		Gain	Power density(mW/cm2)	(mW/cm2)
				(dBm)	(mW)	Numeric		
2412	802.11b	14.17	14±1	18	63.096	1.88	0.02359	1
2437		15.18	15±1	20	100.000	1.88	0.03739	1
2462		13.81	13±1	18	63.096	1.88	0.02359	1
2412	802.11g	19.13	19±1	25	316.228	1.88	0.11823	1
2437		20.45	20±1	25	316.228	1.88	0.11823	1
2462		19.03	19±1	24	251.189	1.88	0.09391	1
2412	802.11n H20	18.15	18±1	25	316.228	1.88	0.11823	1
2437		19.29	19±1	25	316.228	1.88	0.11823	1
2462		18.20	18±1	24	251.189	1.88	0.09391	1
2422	802.11n H40	16.51	16±1	25	316.228	1.88	0.11823	1
2437		16.80	16±1	25	316.228	1.88	0.11823	1
2452		16.03	16±1	24	251.189	1.88	0.09391	1

802.11a/n(HT20)/ac(HT20):

U-NII 1: 5180MHz to 5240MHz;

U-NII 3: 5745MHz to 5825MHz;

802.11n(HT40)/ac(HT40):

U-NII 1: 5190MHz to 5230MHz;

U-NII 3: 5755MHz to 5795MHz;

802.11ac(HT80):

U-NII 1: 5210MHz;

U-NII 3: 5775MHz

ANT Gain: U-NII Band 1: 3.46dBi; U-NII Band 3: 3.46dBi;

Power density limited: 1mW/ cm2

Channel Freq. (MHz)	modulation	conducted power	Tune-up power	Max		Antenna	Evaluation result at 20cm	Power density Limits
		(dBm)	(dBm)	tune-up power		Gain	Power density(mW/cm2)	(mW/cm2)
				(dBm)	(mW)	Numeric		
5180	11A	13.68	13±1	14	25.119	2.22	0.01108	1
5200		14.30	14±1	15	31.623	2.22	0.01396	1
5240		14.51	14±1	15	31.623	2.22	0.01396	1
5745		12.58	12±1	13	19.953	2.22	0.00881	1
5785		12.12	12±1	13	19.953	2.22	0.00881	1
5825		13.30	13±1	14	25.119	2.22	0.01108	1
5180	11N20SISO	13.63	13±1	14	25.119	2.22	0.01108	1
5200		13.38	13±1	14	25.119	2.22	0.01108	1
5240		13.44	13±1	14	25.119	2.22	0.01108	1
5745		12.68	12±1	13	19.953	2.22	0.00881	1
5785		12.35	12±1	13	19.953	2.22	0.00881	1
5825		13.23	13±1	14	25.119	2.22	0.01108	1
5190	11N40SISO	11.95	11±1	12	15.849	2.22	0.00699	1
5230		12.50	12±1	13	19.953	2.22	0.00881	1
5755		11.12	11±1	12	15.849	2.22	0.00699	1
5795		11.10	11±1	12	15.849	2.22	0.00699	1
5180	11AC20SISO	14.82	14±1	15	31.623	2.22	0.01396	1
5200		14.32	14±1	15	31.623	2.22	0.01396	1
5240		14.39	14±1	15	31.623	2.22	0.01396	1
5745		11.53	11±1	12	15.849	2.22	0.00699	1
5785		11.06	11±1	12	15.849	2.22	0.00699	1
5825		12.38	12±1	13	19.953	2.22	0.00881	1
5190	11AC40SISO	12.94	12±1	13	19.953	2.22	0.00881	1
5230		13.54	13±1	14	25.119	2.22	0.01108	1
5755		12.57	12±1	13	19.953	2.22	0.00881	1
5795		13.30	13±1	14	25.119	2.22	0.01108	1
5210	11AC80SISO	12.06	12±1	13	19.953	2.22	0.00881	1
5775		11.91	11±1	12	15.849	2.22	0.00699	1

Conclusion:**SIMULTANEOUS TRANSMISSIONS**

When a number of sources at different frequencies, and/or broadband sources, contribute to the total exposure, it becomes necessary to weigh each contribution relative to the MPE. To comply with the MPE, the fraction of the MPE in terms of E2, H2 (or power density) incurred within each frequency interval should be determined and the sum of all such fractions should not exceed unity. In order to ensure compliance with the MPE for a controlled environment, the sum of the ratios of the power density to the corresponding MPE should not exceed unity. That is

$$\sum_{i=1}^n \frac{S_i}{MPE_i} \leq 1$$

Simultaneous transmit:

Operating Band	The MPE ratio
BR&EDR	0.0024
BLE	0.0005
2.4G WIFI	0.11823
5G WIFI	0.01396

So the simultaneous transmitting antenna pairs as below:

BR&EDR+5G WIFI=0.0024+0.01396=0.01636

BR&EDR+2.4G WIFI=0.0024+0.11823=0.12063

BLE+5G WIFI = 0.0005+ 0.01396=0.01446

BLE+2.4G WIFI = 0.0005+ 0.11823=0.11873

For the max result: 0.12063≤ 1.0, No SAR is required.

Statement

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***** END OF REPORT *****