



Report No.: PTC25082710501E-FC07

FCC TEST REPORT

FCC ID: 2BBKK-TM65

Product	:	Interactive Flat Panel
Model Name	:	TM65
Brand	:	OFFNOVA
Report No.	:	PTC25082710501E-FC07
Prepared for		
DTC IP Holdings, LLC		
251 Little Falls Drive, Wilmington, Delaware, USA, 198081		
Prepared by		
Precise Testing & Certification Co., Ltd.		
Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China.		



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TEST RESULT CERTIFICATION

Applicant's name : DTC IP Holdings, LLC

Address : 251 Little Falls Drive, Wilmington, Delaware, USA, 198081

Manufacture's name : Dongguan Shengnuolin Yundongyongpin Youxiangongsi

Address : Room 204, Building 19, No. 1 Dongke Road, Dongcheng Street,
Dongguan City, Guangdong Province 523000 China

Product name : Interactive Flat Panel

Model name : TM65

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

Test Date : Nov. 12, 2025 to Dec. 16, 2025

Date of Issue : Dec. 16, 2025

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)	FCC CFR47 Part 1.1307(b)(1)	PASS
Remark:		
N/A: Not Applicable		



3 General Information

3.1 General Description of E.U.T.

Product Name	:	Interactive Flat Panel
Model Name	:	TM65
Specification	:	Module_SKI.WB800D.3: BDR+EDR+BLE 802.11b/g/n HT20/HT40/ax20/ax40 802.11a/n HT20/HT40/ac20/ac40/ax20/ax40 Module_SKI.WB663U.1 802.11b/g/n HT20/HT40 802.11a/n HT20/HT40/ac20/ac40/ac80
Operation Frequency	:	BDR+EDR+BLE:2402-2480MHz 2412-2462MHz for 802.11b/g/ n(HT20)/ax20 2422-2452MHz for 802.11 n(HT40)/ax40 5G Wi-Fi:5180-5240 MHZ 5.8G Wi-Fi:5745MHz~5825MHz
Number of Channel	:	79 channels for BDR+EDR 40 channels For DTS 11 channels for 802.11b/g/ n(HT20)/ax20 7 (channels for 802.11n(HT40)/ax40 4 channels for 802.11a/n20/ac20/ax20 5150-5250 MHz 5 channels for 802.11a/n20/ac20/ax20 5725MHz~5850MHz 2 channels for 802.11n40/ac40/ax40 5150-5250 MHz 2 channels for 802.11n40/ac40/ax40 5725MHz~5850MHz 1 channels for 802.11 ac80
Type of Modulation	:	Module_SKI.WB800D.3: GFSK,π/4-DQPSK.8DPSK For DSS GFSK, For DTS DSSS with DBPSK/DQPSK/CCK for 802.11b; OFDM with BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM for 802.11g/n/a/ac/ax Module_SKI.WB663U.1: DSSS with DBPSK/DQPSK/CCK for 802.11b; OFDM with BPSK/QPSK/16QAM/64QAM/256QAM(256QAM only in ac mode) for 802.11g/n/a/ac
Antenna installation	:	FPC Antenna
Module_SKI.WB800D.3 Smart System	:	☒ SISO:(for 802.11 b/g/n20/n40/ac20/a40/ax20/ax40) ☐ MIMO:(for 802.11 b/g/n20/n40/ac20/a40/ax20/ax40)
Module_SKI.WB663U.1 Smart System	:	☐ SISO:(for 802.11 b/g/n20/n40/ac20/a40/ac80) ☒ MIMO:(for 802.11 b/g/n20/n40/ac20/a40/ac80)
Antenna Gain	:	2.4G(BT+2.4G Wi-Fi):2.12 dBi 5G Wi-Fi:3.01 dBi 5.8G Wi-Fi:4.38 dBi
Power supply	:	Input: 100-240V ~ , 50/60Hz, 5A Max



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Hardware Version	:	B(25071)
Software Version	:	20251222152419



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

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

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

Module	Item	Antenna	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
SKI.WB800D.3	2441_2DH5	Ant1	1.63	3.39	3.39±1	2.747894	0.000891	1	Pass
SKI.WB800D.3	BLE_1M	Ant1	1.63	2.87	2.87±1	2.437800	0.000790	1	Pass
SKI.WB800D.3	2462_11b	Ant0	1.63	17.6	17.6±1	72.443596	0.023482	1	Pass
SKI.WB800D.3	2412_11b	Ant1	1.63	13.3	13.3±1	26.915300	0.008724	1	Pass
SKI.WB800D.3	5240_11AX20SISO	Ant0	2.00	10.42	10.42±1	13.8676	0.005517	1	Pass
SKI.WB800D.3	5825_11AX20SISO	Ant0	2.74	9.24	9.24±1	10.5682	0.005764	1	Pass
SKI.WB663U.1	2412_11B	Ant2	1.63	10.7	10.7±1	14.791100	0.004794	1	Pass
SKI.WB663U.1	5180_11AC40MIMO	/	4.00	10.92	10.92±1	15.559656	0.012380	1	Pass
SKI.WB663U.1	5785_11AC20MIMO	/	5.48	10.97	10.97±1	15.739829	0.017168	1	Pass



4.5 Simultaneous MPE Result

FCC Simultaneous Transmit:

SKI.WB800D.3 2441_2DH5-Ant1 MPE ratio	SKI.WB800D.3 2412_11b-ant0 MPE ratio	SKI.WB663U.1 MPE 5875_11AC20MIMO ratio	Simultaneous MPE ratio	MPE Limits ratio	Test result
0.000891	0.023482	0.017168	0.041541	1	PASS

Conclusion:

Both of the Module_SKI.WB800D.3 and Module_SKI.WB663U.1 can transmit simultaneously, the formula of calculated the exposure is:
 $(CPD1/LPD1) + (CPD2/LPD2) + \dots \text{etc.} < 1$
CPD=Calculation Power Density; LPD= Limit of Power Density
Therefore, the calculation of this situation is $(0.000891/1) + (0.023482/1) + (0.017168/1) = 0.041541$.
which is less than the "1" limit.

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