



MPE Report

Report No.:STS2409089H02

Issued for

Chengdu Accsoon Technology Co., LTD.

Rm. 708, Bld. 1, Xiongchuan Center, No.166, Tianfu 2nd St.,
High-tech Zone, Chengdu, Sichuan, China.

Product Name: CineView M7 Pro

Brand Name: ACCSOON

Model Name: MIT01

Series Model(s): MIT01H, MIT01P, MIT01S

FCC ID: 2AOH40101MIT

Test Standard: FCC 47CFR §2.1091

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the ShenZhen STS Test Services Co., Ltd.

**TEST REPORT**

Applicant's Name : Chengdu Accsoon Technology Co., LTD.
Address..... : Rm. 708, Bld. 1, Xiongchuan Center, No.166, Tianfu 2nd St.,
High-tech Zone, Chengdu, Sichuan, China.
Manufacturer's Name : Shenzhen Accsoon Technology Co., LTD.
Address..... : Room 302, BLDG D, Zhiyuanyungu, 73 Guanlan Blvd, Longhua
District, Shenzhen, China.

Product Description

Product Name : CineView M7 Pro
Brand Name..... : ACCSOON
Model Name..... : MIT01
Series Model(s)..... : MIT01H, MIT01P, MIT01S

Test Standards : FCC 47CFR §2.1091
447498 D01 Interim General RF Exposure Guidance v06

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Date of Test

Date of receipt of test item : 12 Sept. 2024
Date (s) of performance of tests..... : 12 Sept. 2024 ~30 June 2025
Date of Issue : 30 June 2025
Test Result..... : **Pass**

Testing Engineer :

(Aaron Bu)

Technical Manager :

(Skylar Li)

Authorized Signatory :

(Bovey Yang)





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**Revision History**

Rev.	Issue Date	Report No.	Effect Page	Contents
00	30 June 2025	STS2409089H03	ALL	Initial Issue



1. GENERAL INFORMATION

1.1 GENERAL DESCRIPTION OF THE EUT

Product Name	CineView M7 Pro	
Brand Name	ACCSOON	
Model Name	MIT01	
Series Model(s)	MIT01H, MIT01P, MIT01S	
Model Difference	Different models, different colors, everything else is the same	
Product Description	The EUT is CineView M7 Pro	
	Operation Frequency:	Bluetooth: 2402~2480 MHz 2.4G WLAN: 802.11b/g/n 20: 2412~2462 MHz 802.11n(40MHz):2422~2452MHz 5.2G WLAN: IEEE 802.11a/ n(HT20): 5.180GHz-5.240GHz IEEE 802.11n(HT40): 5.190GHz-5.230GHz 5.3G WLAN: IEEE 802.11a/ n(HT20):5.260GHz-5.320GHz IEEE 802.11 n(HT40): 5.270GHz-5.310GHz 5.6G WLAN: IEEE 802.11a/ n(HT20):5.500GHz-5.700GHz IEEE 802.11 n(HT40):5.510GHz-5.670GHz 5.8G WLAN: IEEE 802.11a/ n(HT20):5.745GHz-5.825GHz IEEE 802.11a/ n(HT40):5.755GHz-5.795GHz
	Modulation Type:	BLE: GFSK BT BR(1Mbps): GFSK BT EDR(2Mbps): $\pi/4$ -DQPSK BT EDR(3Mbps): 8DPSK 2.4G WLAN: 802.11b(DSSS):CCK,DQPSK,DBPSK 802.11g(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM 5G WLAN: 802.11a(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM



	Antenna gain:	RTL8822CU: Bluetooth: 2.48 dBi 5G WLAN: ANT 1:5.8 dBi ANT 2:5.8 dBi MIMO 1+2:8.81dBi RTL8192FC+RTL8812CU: ANT A: 2.4G WLAN: ANT 1: 2.48 dBi ANT 2: 2.48 dBi MIMO 1+2: 5.49 dBi 5G WLAN: ANT 1:2.53 dBi ANT 2:2.53 dBi MIMO 1+2:5.54 dBi ANT B: 2.4G WLAN: ANT 1: 1.82 dBi ANT 2: 1.82 dBi MIMO 1+2: 4.83 dBi 5G WLAN: ANT 1:3.03 dBi ANT 2:3.03 dBi MIMO 1+2:6.04 dBi
	Antenna Designation:	RTL8822CU: Internal RTL8192FC+RTL8812CU: Dipole
Power Rating	Input: DC 6.0V-16.8V Output: USB: DC5V 1.5A	
Adapter	N/A	
Battery	Rated Voltage: 7.4V Charge Limit Voltage:8.4V Capacity: 2200mAh 16.28W	
Hardware Version	V1.3	
Software Version	V1.0	

1.2 TEST FACTORY

SHENZHEN STS TEST SERVICES CO., LTD

Add. : 101, Building B, Zhuoke Science Park, No.190 Chongqing Road, ZhanChengShequ, Fuhai Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC test Firm Registration Number: 625569

IC test Firm Registration Number: 12108A

A2LA Certificate No.: 4338.01



2. FCC 47CFR §2.1091 REQUIREMENT

2.1 TEST STANDARDS

The limit for Maximum Permissible Exposure (MPE) specified in FCC 1.1310 is followed. The gain of the antennas used in the product is extracted from the Antenna data sheets provided and also the maximum total power input to the antenna is measured. Through the Friis transmission formula and the maximum gain of the antenna, we can calculate the distance, away from the product, where the limit of MPE is reached.

Although the Friis Transmission formula is far field assumption, the calculated result of that is an over-prediction for near field power density. It is taken as worst case to specify the safety range.

2.2 LIMIT

According to FCC 1.1310: The criteria listed in the following table shall be used to evaluate the environmental impact of the 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)
Limits for Occupational / controlled Exposures			
300 - 1500	--	--	F/300
3.0-30	1842/f	4.89/f	*(900/f ²)
1500 – 100000	--	--	5.0
Limits for General population / Uncontrolled Exposure			
300 - 1500	--	--	F/1500
1.34-30	824/f	2.19/f	*(180f ²)
1500 – 100000	--	--	1.0

F= Frequency in MHz

Friss Formula

Friss Transmission Formula: $P_d = (P_{out} * G) / (4 * \pi * r^2)$

Where

P_d = power density in mW/cm²

P_{out} = output power to antenna in mW

G = gain of antenna in linear scale

π = 3.1416

R = Distance between observation point and the center of radiator in cm

If we know the maximum gain of the antenna and the total output power to the antenna, through calculation, we will know MPE value at distance 20cm.



2.3 TEST RESULT

Tune up

RTL8822CU

Mode	Detector	Tune up Power
BT	PK	2±1dBm
BLE	AV	0±1dBm
5G WLAN	AV	12±1dBm

RTL8192FC+RTL8812CU

Mode	Detector	Tune up Power
2.4G WLAN	AV	13±1dBm
5G WLAN	AV	14±1dBm

RTL8822CU

Protocol	Fre. (GHz)	Separation distance (cm)	Max Tune Up Power (dBm)	ANT Gain (dBi)	Max EIRP (dBm)	Max EIRP (mW)	Power Density (mW/cm ²)	Limit (mW/cm ²)	Ratio	Result
BT	2480	20	3.00	2.48	5.48	3.532	0.0007	1	0.0007	Pass
BLE	2480	20	1.00	2.48	3.48	2.228	0.0004	1	0.0004	Pass
5G WLAN	5745	20	13.00	5.8	18.80	75.858	0.0151	1	0.0151	Pass

RTL8192FC+RTL8812CU

ANT A:

Protocol	Fre. (GHz)	Separation distance (cm)	Max Tune Up Power (dBm)	ANT Gain (dBi)	Max EIRP (dBm)	Max EIRP (mW)	Power Density (mW/cm ²)	Limit (mW/cm ²)	Ratio	Result
2.4G WLAN	2412	20	14.00	2.48	16.48	44.463	0.0088	1	0.0088	Pass
5G WLAN	5550	20	15.00	2.53	17.53	56.624	0.0113	1	0.0113	Pass

ANT B:

Protocol	Fre. (GHz)	Separation distance (cm)	Max Tune Up Power (dBm)	ANT Gain (dBi)	Max EIRP (dBm)	Max EIRP (mW)	Power Density (mW/cm ²)	Limit (mW/cm ²)	Ratio	Result
2.4G WLAN	2412	20	14.00	1.82	15.82	38.194	0.0076	1	0.0076	Pass
5G WLAN	5550	20	15.00	3.03	18.03	63.533	0.0126	1	0.0126	Pass



Multiple transmission:

(RTL8822CU): BT+5G WLAN+ (RTL8192FC+RTL8812CU): 2.4G WLAN+5G WLAN

$$=0.0007+0.0151+0.0076+0.0126=0.036 < 1$$

Note: 1. The Maximum power is less than the limit, complies with the exemption requirements.

2. ERP = EIRP - 2.15

※※※※※END OF THE REPORT※※※※※