



TEST REPORT

Applicant: Shenzhen Guard Dragon Electronics Co., Ltd.
Address: 2F-D205, Xintian Bairuida Building Wanke City Community, Sakantian Street Longgang District, Shenzhen City, China
Manufacturer: Shenzhen Guard Dragon Electronics Co., Ltd.
Address: 2F-D205, Xintian Bairuida Building Wanke City Community, Sakantian Street Longgang District, Shenzhen City, China
EUT: Vehicle player
Trade Mark: SWM
Model Number: FS02W
SWM-8807, 1008, M12, K-701, 9602-S, 9603-S, T100-S, 9606, 9606-S, 9901, 9901-S, B5300, B5300A, B5310, B5303, FS740, FS750, FS760, FS770, FS780, 9601C-S, 617, D3105, D3108, D3111, D3113, D3112, D3114, D3100, D3101, D3103, D3104, D3102, D3106, D3107, D3109, D3110, 1792, S3700, 1790, T100C-S, F9070, F9093C, F9090C, F9101C, FS06W, FS07W, SWM, 160C, F170C, B500W, B600W, FS06C, 9083C, SWM, 151C, FS03W, SWM, 5015, SWM, 5016, SWM, 5017, A8, F760, F770, F780, 9602G-S, 9603G-S, T100G-S, 9701-S, 9702-S, 9210S-J, 9090-J, 9101-J, 9210, 9606A, 9901C, D9603C, 9606C, 3012, F7018, 9708, 7764H, S-Toyota, S-9071, S-Fox-Black, S-Fox-Silver, 170C, S-9019C, 7002, 7003, 6008, 6006, S-9019C, 6200C, D3156, D3162, B5304, B5301, B5302, B5305, 1791, D5400
Date of Receipt: Mar. 13, 2023
Test Date: Mar. 13, 2023 - Mar. 24, 2023
Date of Report: Mar. 24, 2023
Prepared By: Shenzhen DL Testing Technology Co., Ltd.
Address: 101-201, Building C, Shuanghuan, No.8, Baoqing Road, Baolong Industrial Zone, Baolong Street, Longgang District, Shenzhen, Guangdong, China
Applicable Standards: EN 62479:2010
EN 50663:2017
Test Result: Pass
Report Number: DL-20230324026-1E

Prepared (Engineer): Alisa Song

Reviewer (Supervisor): Jack Bu

Approved (Manager): Jade Yang



This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of Shenzhen DL Testing Technology Co., Ltd.



1. VERSION

Version No.	Date	Description
00	Mar. 24, 2023	Original

2. GENERAL INFORMATION

2.1 Description of Device (EUT)

EUT:	Vehicle player
Trade Mark:	SWM FS02W SWM-8807, 1008, M12, K-701, 9602-S, 9603-S, T100-S, 9606, 9606-S, 9901, 9901-S, B5300, B5300A, B5310, B5303, FS740, FS750, FS760, FS770, FS780, 9601C-S, 617, D3105, D3108, D3111, D3113, D3112, D3114, D3100, D3101, D3103, D3104, D3102, D3106, D3107, D3109, D3110, 1792, S3700, 1790, T100C-S, F9070, F9093C, F9090C, F9101C, FS06W, FS07W, SWM, 160C, F170C, B500W, B600W, FS06C, 9083C, SWM, 151C, FS03W, SWM, 5015, SWM, 5016, SWM, 5017, A8, F760, F770, F780, 9602G-S, 9603G-S, T100G-S, 9701-S, 9702-S, 9210S-J, 9090-J, 9101-J, 9210, 9606A, 9901C, D9603C, 9606C, 3012, F7018, 9708, 7764H, S-Toyota, S-9071, S-Fox-Black, S-Fox-Silver, 170C, S-9019C, 7002, 7003, 6008, 6006, S-9019C, 6200C, D3156, D3162, B5304, B5301, B5302, B5305, 1791, D5400
Model Number:	
Test Model:	FS02W
Model Difference:	The product's different for model number and appearance color.
Power Supply:	DC 12V
Operation Frequency:	2402~2480 MHz
Modulation Type:	GFSK, PI/4 DQPSK, 8DPSK
Number of Channel:	79
Data Rate:	1Mbps
Antenna Type:	Internal Antenna
Antenna Gain:	1.08dBi
Hardware Version:	1.0
Software Version:	1.0
Firmware:	---

Note1: For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.



3 REQUIREMENT

3.1 GENERAL INFORMATION

According to its specifications, the EUT must comply with the requirements of the following standards:
EN 62479: 2010 [Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)]

3.2 Limit

A. Typical usage, installation and the physical characteristics of equipment make it inherently compliant with the applicable EMF exposure levels such as those listed in the bibliography. This low-power equipment includes unintentional (or non-intentional) radiators, for example incandescent light bulbs and audio/visual (A/V) equipment, information technology equipment (ITE) and multimedia equipment (MME) that does not contain radio transmitters.

NOTE Equipment is described as A/V equipment, ITE or MME if its main use is playback/recording of music, voice or images, or processing of digital information.

B. The input power level to electrical or electronic components that are capable of radiating electromagnetic energy in the relevant frequency range is so low that the available antenna power and/or the average total radiated power cannot exceed the low-power exclusion level defined in 4.2.

C. The available antenna power and/or the average total radiated power are limited by product standards for transmitters to levels below the low-power exclusion level defined in 4.2.

D. Measurements or calculations show that the available antenna power and/or the average total radiated power are below the low-power exclusion level defined in 4.2.

3.3 Test Result

EMF Test Data			
Max Output Power (dBm)	Max Output Power (mW)	Limit (mW)	Result
-1.01	0.79250	20	Pass
Note: The max output power(dBm) level referce RF report.			

4 EUT PHOTOGRAPHS

Please references EMC report.

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