

TEST REPORT

Product Name : Car Multimedia Player
Brand Mark : N/A
Model No. : DV622
Extension model : DV271BT,XDVD276BT,XDVD256BT,DV527BT,
VX2529,DV271B,XNAV267BT,DVN927BT,
AV6118Bi, AVN6558BT
Report Number : BLA-EMC-202202-A4403
FCC ID : 2AFXA-DV622
Date of Sample Receipt : 2022/3/4
Date of Test : 2022/3/4 to 2022/4/27
Date of Issue : 2022/4/27
Test Standard : 47 CFR Part 1.1307, Part 2.1093, KDB 447498
Test Result : Pass

Prepared for:

FengShun Peiying Electro-Acoustic Co., Ltd
No.8, Fengda Road, Tangkeng Town Ind. Area,Fengshun
County,Guangdong,China

Prepared by:

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Date:

2022/4/27



REPORT REVISE RECORD

Version No.	Date	Description
00	2022/4/27	Original

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1 TEST SUMMARY

Test item	Test Requirement	Test Method	Class/Severity	Result
RF Exposure	47 CFR Part 1.1307, Part 2.1093, KDB 447498	CFR 47 Part 2.1093	CFR 47 Part 2.1093	Pass

2 GENERAL INFORMATION

Applicant	FengShun Peiying Electro-Acoustic Co., Ltd
Address	No.8, Fengda Road, Tangkeng Town Ind. Area,Fengshun County,Guangdong,China
Manufacturer	FengShun Peiying Electro-Acoustic Co., Ltd
Address	No.8, Fengda Road, Tangkeng Town Ind. Area,Fengshun County,Guangdong,China
Factory	FengShun Peiying Electro-Acoustic Co., Ltd
Address	No.8, Fengda Road, Tangkeng Town Ind. Area,Fengshun County,Guangdong,China
Product Name	Car Multimedia Player
Test Model No.	DV622
Extension model	DV271BT,XDVD276BT,XDVD256BT,DV527BT,VX2529,DV271B,XNAV267BT,DVN927BT,AV6118Bi, AVN6558BT
Note	All above models are identical in the same PCB layout, interior structure and electrical circuits. The differences are model name for commercial purpose.

3 GENERAL DESCRIPTION OF E.U.T.

Hardware Version	V01
Software Version	V622H.8201.13R
Operation Frequency:	2402MHz-2480MHz
Modulation Type:	GFSK, $\pi/4$ DQPSK
Channel Spacing:	1MHz
Number of Channels:	79
Antenna Type:	PCB Antenna
Antenna Gain:	0dBi(Provided by the applicant)

4 LABORATORY LOCATION

All tests were performed at:
BlueAsia of Technical Services(Shenzhen) Co., Ltd.
Building C, No. 107, Shihuan Road, Shiyan Sub-District, Baoan District, Shenzhen, Guangdong Province,
China
Telephone: TEL: +86-755-28682673 FAX: +86-755-28682673
No tests were sub-contracted.

5 RF EXPOSURE COMPLIANCE REQUIREMENT

5.1 STANDARD REQUIREMENT

According to KDB447498D01 General RF Exposure Guidance v06

Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

5.2 LIMITS

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot \sqrt{f(\text{GHz})} \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

$f(\text{GHz})$ is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation¹⁷

The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion

5.3 EUT RF EXPOSURE

Operational Mode: $\pi/4$ DQPSK						
Channel	Maximum Peak Conducted Output Power (dBm)	Tune up tolerance (dB)	Maximum tune-up Power		Calculated value	Exclusion threshold
			(dBm)	(mW)		
2402 MHz	-2.204	± 1	-1.204	0.76	0.23	3.0
2441MHz MHz	-2.24	± 1	-1.240	0.75	0.23	
2480 MHz	-3.088	± 1	-2.088	0.62	0.19	
Conclusion: the calculated value ≤ 3.0 . SAR is exempted.						

----END OF REPORT----

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