

TEST REPORT

Product Name : TLSR8278ARC48D
Brand Mark : N/A
Model No. : TLSR8278ARC48D
FCC ID : OEOTLSR8278ARC48D
Report Number : BLA-EMC-202005-A7803
Date of Sample Receipt : 2020/5/28
Date of Test : 2020/6/9 to 2020/6/10
Date of Issue : 2020/6/10
Test Standard : 47 CFR Part 1.1307, Part 2.1093, KDB
447498
Test Result : Pass

Prepared for:

TELINK SEMICONDUCTOR (Shanghai) CO, LTD

Bldg 3, No.1500, Zuchongzhi Rd, Zhangjiang Hi-Tech Park, Shanghai 201203, China

Prepared by:

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2020/6/10



REPORT REVISE RECORD

Version No.	Date	Description
00	2020/6/10	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	TELINK SEMICONDUCTOR (Shanghai) CO, LTD
Address	Bldg 3, No.1500, Zuchongzhi Rd, Zhangjiang Hi-Tech Park, Shanghai 201203, China
Manufacturer	TELINK SEMICONDUCTOR (Shanghai) CO, LTD
Address	Bldg 3, No.1500, Zuchongzhi Rd, Zhangjiang Hi-Tech Park, Shanghai 201203, China
Factory	TELINK SEMICONDUCTOR (Shanghai) CO, LTD
Address	Bldg 3, No.1500, Zuchongzhi Rd, Zhangjiang Hi-Tech Park, Shanghai 201203, China
Product Name	TLSR8278ARC48D
Test Model No.	TLSR8278ARC48D

3 GENERAL DESCRIPTION OF E.U.T.

Hardware Version	V1.0
Software Version	V1.0

4 TEST MODE

TEST MODE	TEST MODE DESCRIPTION
TX	Keep the EUT in transmitting mode
Remark: Only the data of the worst mode would be recorded in this report.	

5 DESCRIPTION OF SUPPORT UNIT

Device Type	Manufacturer	Model Name	Serial No.	Remark
PC	HASEE	K610D	N/A	N/A

6 LABORATORY LOCATION

All tests were performed at: BlueAsia of Technical Services(Shenzhen) Co., Ltd. IOT Test Centre of BlueAsia No. 448 Bulong Road, Bantian Street, Longgang District, Shenzhen, China Telephone: TEL: +86-755-28682673 FAX: +86-755-28682673 No tests were sub-contracted.

7 TEST INSTRUMENTS LIST

Test Equipment Of RF Exposure					
Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Spectrum	R&S	FSP40	100817	7/4/2019	7/3/2020
Spectrum	Agilent	N9020A	MY49100060	12/17/2019	12/16/2020
Signal Generator	Agilent	N5182A	MY49060650	12/17/2019	12/16/2020
Signal Generator	Agilent	E8257D	MY44320250	4/20/2020	4/19/2021

8 EUT RF EXPOSURE EVALUATION

Operational Mode: BLE (GFSK worst case)						
Channel	Maximum Peak Conducted Output Power (dBm)	Tune up tolerance (dB)	Maximum tune-up Power (dBm)	Maximum tune-up Power (mW)	Calculated value	Exclusion threshold
2402MHz	-2.20	± 1	-1.20	0.76	0.24	3
2441MHz	-3.12	± 1	-2.12	0.61	0.19	3
2480MHz	-4.09	± 1	-3.09	0.49	0.15	3
Conclusion: the calculated value ≤ 3.0 , SAR is exempted.						

----END OF REPORT----

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