

EVALUATION REPORT

Applicant Name:

SOLiD, Inc.

Date of Issue:

March 22, 2019

Address:

10, 9th Floor, SOLiD Space, Pangyoyeok-ro
220, Bundang-gu, Seongnam-si, Gyeonggi-do, 463-
400, South Korea

Location:

HCT CO., LTD.,
74, Seoicheon-ro 578beon-gil, Majang-myeon,
Icheon-si, Gyeonggi-do, 17383, Rep. of KOREA

FCC ID: W6UL78E1921
ISED: 9354A-L78E1921
APPLICANT: SOLiD, Inc.

Equipment Class(es) : B2I, B9B

Rule Part(s) : 24, 27, 90

Application's Statement : The applicant takes full responsibility that the test data referenced below represents compliance for this FCC/ISED ID.

Differences
Brief Description : The hardware and software of this device (except 800 MHz band) are identical to the implementation in W6UL78E1921. The operational description includes detailed information about the changes between the devices. The data from that application has been verified through appropriate spot checks to demonstrate compliance for this device as shown in the summary table below.

Test Reference : KDB 484596 D01 Reference Test Data v01

The detail test data can be found in this documents, Appendix A.

Category	Spot Check	Verdict
Licensed	Output Power	Share
	Out-of-band / Out-of-block Emissions and Spurious Emissions	Share

Reference Detail Section

Equipment Class	Reference ID	Section
B2I, B9B	FCC: W6UL78E1921	All sections
	ISED: 9354A-L78E1921	All sections



Report prepared by : Kyung Soo Kang

Engineer of Telecommunication testing center



Approved by : Kwon Jeong

Manager of Telecommunication testing center

Appendix A. The Spot check test data

1. Summary of the spot check

Test Item	Frequency Range [MHz)	Modulation	Measured Frequency [MHz]	N2RDU_781921 Result [dBuV/m]	N2RDU_78e1921 Result [dBuV/m]	Deviation [dB]
				Peak	Peak	Peak
Output Power	729 ~ 768	LTE 10 MHz	734	33.21	33.12	0.09
	1930~ 1995	WCDMA	1962.5	33.34	33.30	0.04
	2110 ~ 2180	CDMA	2178.75	33.24	33.19	0.05
Out-of-band / Out-of-block Emissions and Spurious Emissions	729 ~ 768	LTE 5 MHz	731.5	-17.97	-15.63	-2.35
	1930~ 1995	GSM	1994.8	-19.26	-17.34	-1.92
	2110 ~ 2180	LTE 5 MHz	2112.5	-17.47	-16.17	-1.29

2. List of test equipment for EMC

Manufacturer	Model / Equipment	Calibration Date	Calibration Interval	Serial No.
Agilent	N9020A / MXA Signal Analyzer	08/29/2018	Annual	MY52440870
Agilent	N5182A / Signal Generator	08/09/2018	Annual	MY50140312
Agilent	N5182A / Signal Generator	08/30/2018	Annual	MY50142996
Agilent	8498A / High Power Attenuator	02/19/2018	Annual	51161
KEITHLEY	S46 / Switch	N/A	N/A	1088024
Deayoung ENT	DFSS60 / AC Power Supply	04/05/2018	Annual	1003030-1
Innco system	CO3000 / Controller(Antenna mast)	N/A	N/A	CO3000-4p
Innco system	MA4640/800-XP-EP / Antenna Position Tower	N/A	N/A	N/A
Emco	2090 / Controller	N/A	N/A	060520
Ets	- / Turn Table	N/A	N/A	N/A
Rohde&Schwarz	- / Loop Antenna	08/23/2018	Biennial	1513-175
Schwarzbeck	VULB 9168 / Hybrid Antenna	04/06/2017	Biennial	760
Schwarzbeck	BBHA 9120D / Horn Antenna	06/30/2017	Biennial	9120D-1300
Schwarzbeck	BBHA9170 / Horn Antenna(15 GHz ~ 40 GHz)	04/25/2017	Biennial	BBHA9170124
Rohde&Schwarz	FSP / Spectrum Analyzer	09/19/2018	Annual	836650/016
Wainwright Instruments	WHKX10-900-1000-15000-40SS / High Pass Filter	07/20/2018	Annual	5
Wainwright Instruments	WHKX10-2700-3000-18000-40SS / High Pass Filter	07/20/2018	Annual	3
CERNEX	CBLU1183540 / Power Amplifier	07/10/2018	Annual	22964
CERNEX	CBL06185030 / Power Amplifier	07/10/2018	Annual	22965
CERNEX	CBL26405040 / Power Amplifier	07/10/2018	Annual	19660

* The following equipment was calibrated during the test period.

Agilent	8498A / High Power Attenuator	02/18/2019	Annual	51161
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