

RF Exposure Evaluation
FOR
Shenzhen Hangrui Hechuang Technology Co., Ltd.
Car Radio
Test Model: A5
Additional Model No.: Please Refer to Page 6

Prepared for	:	Shenzhen Hangrui Hechuang Technology Co., Ltd.
Address	:	2nd Floor,Building A,Tianyou Maker Industrial Park No. 2 Lixin Road, Fuhai Street, Baoan District, Shenzhen, China
Prepared by	:	Guangzhou LCS Compliance Testing Laboratory Ltd.
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Date of receipt of test sample	:	September 08, 2026
Number of tested samples	:	2
Sample No.	:	C260928004-1, C260928004-2
Serial number	:	Prototype
Date of Test	:	September 08, 2026 ~ October 13, 2026
Date of Report	:	October 14, 2026

RF Exposure Evaluation

Report Reference No. : **LCSC09166021EH**

Date of Issue..... : October 14, 2026

Testing Laboratory Name..... : **Guangzhou LCS Compliance Testing Laboratory Ltd.**

Address..... : No.44-1, Qianfeng North Road, Shiqi, Panyu District, Guangzhou,
Guangdong, China

Testing Location/ Procedure..... : Full application of Harmonised standards ■
Partial application of Harmonised standards □
Other standard testing method □

Applicant's Name..... : **Shenzhen Hangrui Hechuang Technology Co., Ltd.**

Address..... : 2nd Floor,Building A,Tianyou Maker Industrial Park No. 2 Lixin Road,
Fuhai Street, Baoan District, Shenzhen, China

Test Specification

Standard..... : FCC KDB publication 447498 D01 General RF Exposure Guidance v06
FCC CFR 47 part1 1.1310
FCC CFR 47 part2 2.1091

TRF Originator..... : Guangzhou LCS Compliance Testing Laboratory Ltd.

Master TRF..... : Dated 2011-03

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Test Item Description..... : **Car Radio**

Trade Mark..... : Holis

Test Model..... : A5

Ratings..... : Please Refer to Page 6

Result : **Pass**

Compiled by:

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Jason Zhu

Approved by:

Guo Ling

Lifeng Le / Administrator

Justin Zhu/ Technique Director

Gavin Liang/ Manager

RF Exposure Evaluation

Test Report No. : LCSC09166021EH	<u>October 14, 2026</u> Date of issue
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EUT.....	: Car Radio
Test Model.....	: A5
Applicant.....	: Shenzhen Hangrui Hechuang Technology Co., Ltd.
Address.....	: 2nd Floor,Building A,Tianyou Maker Industrial Park No. 2 Lixin Road, Fuhai Street, Baoan District, Shenzhen, China
Telephone.....	: /
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Manufacturer.....	: Shenzhen Hangrui Hechuang Technology Co., Ltd.
Address.....	: 2nd Floor,Building A,Tianyou Maker Industrial Park No. 2 Lixin Road, Fuhai Street, Baoan District, Shenzhen, China
Telephone.....	: /
Fax.....	: /
Factory.....	: Shenzhen Hangrui Hechuang Technology Co., Ltd.
Address.....	: 2nd Floor,Building A,Tianyou Maker Industrial Park No. 2 Lixin Road, Fuhai Street, Baoan District, Shenzhen, China
Telephone.....	: /
Fax.....	: /

Test Result	Pass
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The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

Revision History

Report Version	Issue Date	Revision Content	Revised By
000	October 14, 2026	Initial Issue	---

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1. Product Information

EUT	: Car Radio
Test Model	: A5
Additional Model No.	: A1, A2, A3, A4, A6, A7, A8, A9, A10, L1, L2, L3, L4, L5, T1, T2, T3, T4, G5, G6, H5, H6, H8, H9, X5, X6, X8, V2, V3, V5, V6, V8, N1, N2, N3, K40, K50, K60, K70
Model Declaration	: PCB board, structure and internal of these model(s) are the same, So no additional models were tested
Ratings	: Input: DC 12V, 5000mA
Hardware Version	: V1.0
Software Version	: /
Bluetooth	:
Frequency Range	: 2402MHz~2480MHz
Channel Number	: 79 channels for Bluetooth V4.2 (DSS) 40 channels for Bluetooth V4.2 (DTS)
Channel Spacing	: 1MHz for Bluetooth V4.2 (DSS) 2MHz for Bluetooth V4.2 (DTS)
Modulation Type	: GFSK, $\pi/4$ -DQPSK, 8-DPSK for Bluetooth V4.2 (DSS) GFSK for Bluetooth V4.2 (DTS)
Bluetooth Version	: V4.2
Antenna Description	: External Antenna, 1.59dBi(Max.)
WIFI(2.4G Band)	:
Frequency Range	: 2412MHz~2462MHz
Channel Spacing	: 5MHz
Channel Number	: 11 channels for 20MHz bandwidth (2412~2462MHz) 7 channels for 40MHz bandwidth (2422~2452MHz)
Modulation Type	: IEEE 802.11b: DSSS (CCK, DQPSK, DBPSK) IEEE 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK)
Antenna Description	: External Antenna, 3.04dBi(Max.)
WIFI(5.2G Band)	:
Frequency Range	: 5180MHz~5240MHz
Channel Number	: 4 channels for 20MHz bandwidth(5180MHz~5240MHz) 2 channels for 40MHz bandwidth(5190MHz~5230MHz)
Modulation Type	: IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
Antenna Description	: External Antenna, 2.93dBi(Max.)
WIFI(5.3G Band)	:
Frequency Range	: 5260MHz~5320MHz
Channel Number	: 4 channels for 20MHz bandwidth(5260MHz~5320MHz) 2 channels for 40MHz bandwidth(5270MHz~5310MHz)
Modulation Type	: IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
Antenna Description	: External Antenna, 2.93dBi(Max.)
WIFI(5.5G Band)	:
Frequency Range	: 5500MHz~5700MHz
Channel Number	: 11 channels for 20MHz bandwidth(5500MHz~5700MHz) 5 channels for 40MHz bandwidth(5510MHz~5670MHz)
Modulation Type	: IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)

Antenna Description	: External Antenna, 2.93dBi(Max.)
WIFI(5.8G Band)	:
Frequency Range	: 5745MHz~5825MHz
Channel Number	: 5 channels for 20MHz bandwidth(5745MHz~5825MHz) 2 channels for 40MHz bandwidth(5755MHz~5795MHz)
Modulation Type	: IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)
Antenna Description	: External Antenna, 2.93dBi(Max.)
GPS Function	: Support and only RX
Exposure category	General population/uncontrolled environment
EUT Type	Production Unit
Device Type	: Mobile Device

Note: For a more detailed antenna description, please refer to the antenna specifications or the antenna report provided by the customer.

2. Evaluation Method

Systems operating under the provisions of FCC 47 CFR section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as mobile device whereby a distance of 0.2m normally can be maintained between the user and the device, and below RF Permissible Exposure limit shall comply with.

In accordance with KDB447498D01 for Simultaneous transmission MPE test exclusion applies when the sum of the MPE ratios for all simultaneous transmitting antennas incorporated in a host device, based on the calculated/estimated, numerically modelled or measured field strengths or power density, is ≤ 1.0 . The MPE ratio of each antenna is determined at the minimum test separation distance required by the operating configurations and exposure conditions of the host device, according to the ratio of field strengths or power density to MPE limit, at the test frequency. Either the maximum peak or spatially averaged results from measurements or numerical simulations may be used to determine the MPE ratios. Spatial averaging does not apply when MPE is estimated using simple calculations based on far-field plane-wave equivalent conditions. The antenna installation and operating requirements for the host device must meet the minimum test separation distances required by all antennas, in both standalone and simultaneous transmission operations, to satisfy compliance.

3. Limit

3. 1 Refer Evaluation Method

[ANSI C95.1-2019](#): IEEE Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz

[FCC KDB publication 447498 D01 General 1 RF Exposure Guidance v06](#): Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies.

[FCC CFR 47 part1 1.1310](#): Radiofrequency radiation exposure limits.

[FCC CFR 47 part2 2.1091](#): Radiofrequency radiation exposure evaluation: mobile devices.

3.2 Limit

Limits for Maximum Permissible Exposure (MPE)/Controlled Exposure

Frequency Range(MHz)	Electric Field Strength(V/m)	Magnetic Field Strength(A/m)	Power Density (mW/cm ²)	Averaging Time (minute)
Limits for Occupational/Controlled Exposure				
0.3 – 3.0	614	1.63	(100) *	6
3.0 – 30	1842/f	4.89/f	(900/f ²)*	6
30 – 300	61.4	0.163	1.0	6
300 – 1500	/	/	f/300	6
1500 – 100,000	/	/	5	6

Limits for Maximum Permissible Exposure (MPE)/Uncontrolled Exposure

Frequency Range(MHz)	Electric Field Strength(V/m)	Magnetic Field Strength(A/m)	Power Density (mW/cm ²)	Averaging Time (minute)
Limits for Occupational/Uncontrolled Exposure				
0.3 – 3.0	614	1.63	(100) *	30
3.0 – 30	824/f	2.19/f	(180/f ²)*	30
30 – 300	27.5	0.073	0.2	30
300 – 1500	/	/	f/1500	30
1500 – 100,000	/	/	1.0	30

F=frequency in MHz

*=Plane-wave equivalent power density

4. MPE Calculation Method

Predication of MPE limit at a given distance

Equation from page 18 of OET Bulletin 65, Edition 97-01

$$S = PG / 4\pi R^2$$

Where: S=power density

P=power input to antenna

G=power gain of the antenna in the direction of interest relative to an isotropic radiator

R=distance to the center of radiation of the antenna

5. Conducted Power

[BT]

Mode	Channel	Frequency (MHz)	Peak Conducted Output Power (dBm)
GFSK	0	2402	1.18
	39	2441	2.04
	78	2480	0.93
π/4-DQPSK	0	2402	2.77
	39	2441	3.31
	78	2480	1.80
8DPSK	0	2402	3.02
	39	2441	3.67
	78	2480	2.04

[BLE]

Mode	Channel	Frequency (MHz)	Peak Conducted Output Power (dBm)
BLE 1M	0	2402	-0.78
	19	2440	2.31
	39	2480	0.89

[2.4G WIFI]

Mode	Channel	Frequency (MHz)	Peak Conducted Output Power (dBm)
11B	1	2412	15.43
	6	2437	16.53
	11	2462	16.35
11G	1	2412	16.11
	6	2437	16.33
	11	2462	16.21
11N20 SISO	1	2412	16.12
	6	2437	16.35
	11	2462	15.93
11N40 SISO	3	2422	16.66
	6	2437	16.63
	9	2452	16.52

[5.2G WIFI]

Mode	Channel	Frequency (MHz)	Max Conducted Power(dBm)
11A	36	5180	17.15
	40	5200	17.1
	48	5240	16.78
11N20 SISO	36	5180	16.94
	40	5200	17.07
	48	5240	16.77
11N40 SISO	38	5190	16.97
	46	5230	16.79
11AC20 SISO	36	5180	17.07
	40	5200	16.95
	48	5240	16.81
11AC40 SISO	38	5190	16.93
	46	5230	16.87

[5.3G WIFI]

Mode	Channel	Frequency (MHz)	Max Conducted Power(dBm)
11A	52	5260	16.79
	60	5280	16.75
	64	5320	16.36
11N20 SISO	52	5260	16.75
	60	5280	16.51
	64	5320	15.89
11N40 SISO	54	5270	16.15
	62	5310	15.91
11AC20 SISO	52	5260	16.39
	60	5280	16.08
	64	5320	16.07
11AC40 SISO	54	5270	16.09
	62	5310	16.06

[5.5G WIFI]

Mode	Channel	Frequency (MHz)	Max Conducted Power(dBm)
11A	100	5500	15.06
	116	5580	13.93
	140	5700	14.49
11N20 SISO	100	5500	15.87
	116	5580	14.81
	140	5700	14.42
11N40 SISO	102	5510	16.14
	110	5550	15.64
	134	5670	14.84
11AC20 SISO	100	5500	16.08
	116	5580	14.43
	140	5700	14.01
11AC40 SISO	102	5510	15.73
	110	5550	15.23
	134	5670	14.82

[5.8G WIFI]

Mode	Channel	Frequency (MHz)	Max Conducted Power(dBm)
11A	149	5745	16.52
	157	5785	16.26
	165	5825	16.36
11N20 SISO	149	5745	16.34
	157	5785	16.23
	165	5825	16.33
11N40 SISO	151	5755	16.12
	159	5795	16.36
11AC20 SISO	149	5745	16.44
	157	5785	16.16
	165	5825	16.38
11AC40 SISO	151	5755	16.23
	159	5795	16.24

6. Manufacturing Tolerance

[BT]

GFSK (Peak)			
Channel	Channel 0	Channel 39	Channel 78
Target (dBm)	1.0	2.0	0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
$\pi/4$ -DQPSK (Peak)			
Channel	Channel 0	Channel 39	Channel 78
Target (dBm)	2.0	3.0	1.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
8DPSK (Peak)			
Channel	Channel 0	Channel 39	Channel 78
Target (dBm)	3.0	3.0	2.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

[BLE1M]

BT LE (Peak)			
Channel	Channel 0	Channel 19	Channel 39
Target (dBm)	0	2.0	0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

[2.4G WIFI]

11B (Average)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	15.0	16.0	16.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11G (Average)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	16.0	16.0	16.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N20 (Average)			
Channel	Channel 1	Channel 6	Channel 11
Target (dBm)	16.0	16.0	15.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N40 (Average)			
Channel	Channel 3	Channel 6	Channel 9
Target (dBm)	16.0	16.0	16.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

[5.2G WIFI]

11A (Average)			
Channel	Channel 36	Channel 40	Channel 48
Target (dBm)	17.0	17.0	16.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N20 (Average)			
Channel	Channel 36	Channel 40	Channel 48
Target (dBm)	16.0	17.0	16.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N40 (Average)			
Channel	Channel 38	Channel 46	
Target (dBm)	16.0	16.0	
Tolerance $\pm$ (dB)	1.0	1.0	
11AC20 (Average)			
Channel	Channel 36	Channel 40	Channel 48
Target (dBm)	17.0	16.0	16.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11AC40 (Average)			
Channel	Channel 38	Channel 46	
Target (dBm)	16.0	16.0	
Tolerance $\pm$ (dB)	1.0	1.0	

[5.3G WIFI]

11A (Average)			
Channel	Channel 52	Channel 60	Channel 64
Target (dBm)	16.0	16.0	16.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N HT20 (Average)			
Channel	Channel 52	Channel 60	Channel 64
Target (dBm)	16.0	16.0	15.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N HT40 (Average)			
Channel	Channel 54	Channel 62	
Target (dBm)	16.0	15.0	
Tolerance $\pm$ (dB)	1.0	1.0	
11AC VHT20 (Average)			
Channel	Channel 52	Channel 60	Channel 64
Target (dBm)	16.0	16.0	16.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11AC VHT40 (Average)			
Channel	Channel 54	Channel 62	
Target (dBm)	16.0	16.0	
Tolerance $\pm$ (dB)	1.0	1.0	

[5.5G WIFI]

11A (Average)			
Channel	Channel 100	Channel 116	Channel 140
Target (dBm)	15.0	13.0	14.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N HT20 (Average)			
Channel	Channel 100	Channel 116	Channel 140
Target (dBm)	15.0	14.0	14.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N HT40 (Average)			
Channel	Channel 102	Channel 110	Channel 134
Target (dBm)	16.0	15.0	14.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11AC VHT20 (Average)			
Channel	Channel 100	Channel 116	Channel 140
Target (dBm)	16.0	14.0	14.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11AC HT40 (Average)			
Channel	Channel 102	Channel 110	Channel 134
Target (dBm)	15.0	15.0	14.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0

[5.8G WIFI]

11A (Average)			
Channel	Channel 149	Channel 157	Channel 165
Target (dBm)	16.0	16.0	16.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N20 (Average)			
Channel	Channel 149	Channel 157	Channel 165
Target (dBm)	16.0	16.0	16.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11N40 (Average)			
Channel	Channel 151	Channel 159	
Target (dBm)	16.0	16.0	
Tolerance $\pm$ (dB)	1.0	1.0	
11AC20 (Average)			
Channel	Channel 149	Channel 157	Channel 165
Target (dBm)	16.0	16.0	16.0
Tolerance $\pm$ (dB)	1.0	1.0	1.0
11AC40 (Average)			
Channel	Channel 151	Channel 159	
Target (dBm)	16.0	16.0	
Tolerance $\pm$ (dB)	1.0	1.0	

7. Measurement Results

7.1 Standalone MPE Evaluation

As declared by the Applicant, the EUT is a wireless device used in a fix application, at least 20 cm from any body part of the user or nearby persons; from the maximum EUT RF output power, the minimum separation distance, $r=20\text{cm}$, as well as the gain of the used antenna refer to antenna information, the RF power density can be obtained.

[BT]

Modulation Type	Output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)
	dBm	mW				
GFSK	3.0	1.9953	1.59	1.4421	0.0006	1.0000
$\pi/4$ -DQPSK	4.0	2.5119	1.59	1.4421	0.0007	1.0000
8-DPSK	4.0	2.5119	1.59	1.4421	0.0007	1.0000

[BLE1M]

Modulation Type	Output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)
	dBm	mW				
GFSK	3.0	1.9953	1.59	1.4421	0.0006	1.0000

[2.4G WIFI]

Modulation Type	Output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)
	dBm	mW				
IEEE 802.11b	17.0	50.1187	3.04	2.0137	0.0201	1.0000
IEEE 802.11g	17.0	50.1187	3.04	2.0137	0.0201	1.0000
IEEE 802.11n HT20	17.0	50.1187	3.04	2.0137	0.0201	1.0000
IEEE 802.11n HT40	17.0	50.1187	3.04	2.0137	0.0201	1.0000

[5.2G WIFI]

Modulation Type	Output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)
	dBm	mW				
IEEE 802.11a	18.0	63.0957	2.93	1.9634	0.0247	1.0000
IEEE 802.11n HT20	18.0	63.0957	2.93	1.9634	0.0247	1.0000
IEEE 802.11n HT40	17.0	50.1187	2.93	1.9634	0.0196	1.0000
IEEE 802.11ac VHT20	18.0	63.0957	2.93	1.9634	0.0247	1.0000
IEEE 802.11ac VHT40	17.0	50.1187	2.93	1.9634	0.0196	1.0000

[5.3G WIFI]

Band/Mode	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)
	dBm	mW				
IEEE 802.11a	17.0	50.1187	2.93	1.9634	0.0196	1.0000
IEEE 802.11n HT20	17.0	50.1187	2.93	1.9634	0.0196	1.0000
IEEE 802.11n HT40	17.0	50.1187	2.93	1.9634	0.0196	1.0000
IEEE 802.11ac VHT20	17.0	50.1187	2.93	1.9634	0.0196	1.0000
IEEE 802.11ac VHT40	17.0	50.1187	2.93	1.9634	0.0196	1.0000

TRF-4-E-214 A/0

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[5.5G WIFI]

Band/Mode	RF output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)
	dBm	mW				
IEEE 802.11a	16.0	39.8107	2.93	1.9634	0.0156	1.0000
IEEE 802.11n HT20	16.0	39.8107	2.93	1.9634	0.0156	1.0000
IEEE 802.11n HT40	17.0	50.1187	2.93	1.9634	0.0196	1.0000
IEEE 802.11ac VHT20	17.0	50.1187	2.93	1.9634	0.0196	1.0000
IEEE 802.11ac VHT40	16.0	39.8107	2.93	1.9634	0.0156	1.0000

[5.8G WIFI]

Modulation Type	Output power		Antenna Gain (dBi)	Antenna Gain (linear)	MPE (mW/cm ²)	MPE Limits (mW/cm ²)
	dBm	mW				
IEEE 802.11a	17.0	50.1187	2.93	1.9634	0.0196	1.0000
IEEE 802.11n HT20	17.0	50.1187	2.93	1.9634	0.0196	1.0000
IEEE 802.11n HT40	17.0	50.1187	2.93	1.9634	0.0196	1.0000
IEEE 802.11ac VHT20	17.0	50.1187	2.93	1.9634	0.0196	1.0000
IEEE 802.11ac VHT40	17.0	50.1187	2.93	1.9634	0.0196	1.0000

Remark:

1. Output power including tune-up tolerance;
2. Output power was adjust to duty cycle at 100% if measured duty cycle less than 98%;
3. MPE evaluate distance is 20cm from user manual provide by manufacturer.

7.2 Simultaneous Transmission MPE Evaluation

The sample support one BT, another one 2.4G WLAN&5G WLAN, so need consider simultaneous transmission;

Simultaneous transmission MPE

According to KDB447498 for Transmitters used in mobile exposure conditions for simultaneous transmission operations;

$\sum$ of MPE ratios ≤ 1.0

<the worst simultaneous transmission operations result-BT+5GWIFI>

BT-Ant	5GWIFI-Ant	$\sum$ MPE ratios	Limit	Results
0.0007	0.0247	0.0254	1.0	Pass

<the worst simultaneous transmission operations result-BT+2.4GWIFI>

BT-Ant	2.4GWIFI-Ant	$\sum$ MPE ratios	Limit	Results
0.0007	0.0201	0.0208	1.0	Pass

Remark:

1. Output power including tune-up tolerance;
2. BT/BLE output power is burst peak power;
3. WIFI output power is burst average power;
4. MPE evaluate distance is 20cm from user manual provide by manufacturer;
5. MPE values = $PG/4\pi R^2$
6. Both 2.4GWIFI and 5GWIFI cannot be transmitter simultaneously.

8. Conclusion

The measurement results comply with the FCC Limit per 47 CFR 2.1091 for the uncontrolled RF Exposure of mobile device.

9. Description of Test Facility

CNAS Registration Number is L11555
A2LA Certificate Number: 5099.01
FCC Designation Number is CN1379
Test Firm Registration Number: 729882

10.Measurement Uncertainty

BT&BLE&2.4GWLAN&5.2GWLAN&5.3GWLAN&5.5GWLAN&5.8GWLAN:

Test Item		Frequency Range	Uncertainty	Note
Output power	:	1GHz-40GHz	±0.57dB	(1)

(1). This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

-----THE END OF REPORT-----