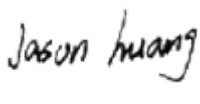
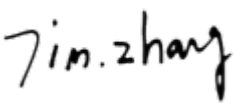
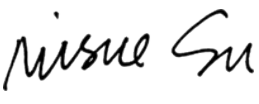
FCC RF EXPOSURE REPORT

FCC ID: 2BGX7-S18

Test Report No……..:	RF240625011-01-004
Product(s) Name……..:	TWS Earphone
Model(s)……..:	S18, S19, S29, S39, S40, S41, S25, S36, S43, S45, S39P
Trade Mark……....:	IVANTE
Applicant……..…:	ShenZhen Ivante Technology Co., Ltd
Address……..…..:	Room 401, Building A5, Area A, Fangxing Science and Technology Park, No. 13 Baonan Road, Longgang Street, Longgang District, Shenzhen
Receipt Date……..:	2024.07.01
Test Date……....:	2024.07.02~2024.07.19
Issued Date……..…:	2024.07.19
Standards……..…:	CFR47 FCC Part 2: Section 2.1093; CFR47 FCC Part 1: Section 1.1310 FCC KDB Publication 447498 v06
Testing Laboratory……:	Shenzhen Haiyun Standard Technical Co., Ltd.

Prepared By:	Checked By:	Approved By:	
Jason huang	Tim zhang	Misue Su	
			

History of this test report

Original Report Issue Date: 2024.07.19

● No additional attachment

○ Additional attachments were issued following record

Attachment No.	Issue Date	Description

1.. TEST FACILITY

Company:	Shenzhen Haiyun Standard Technical CO., Ltd.
Address:	No. 110-113, 115, 116, Block B, Jinyuan Business Building, Bao'an District, Shenzhen, China
CNAS Registration Number:	CNAS L18252
CAB identifier:	CN0145
A2LA Certificate Number:	6823.01
Telephone:	0755-26024411

2.. MPE CALCULATION METHOD

For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:
[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] · [√ f(GHz)] ≤ 3.0 for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR,30 where
□ f(GHz) is the RF channel transmit frequency in GHz

Appendix A

SAR Test Exclusion Thresholds for 100 MHz – 6 GHz and ≤ 50 mm

Approximate SAR Test Exclusion Power Thresholds at Selected Frequencies and Test Separation Distances are illustrated in the following Table. The equation and threshold in 4.3.1 must be applied to determine SAR test exclusion.

MHz	5	10	15	20	25	mm
150	39	77	116	155	194	*SAR Test Exclusion Threshold* (mW)
300	27	55	82	110	137	
450	22	45	67	89	112	
835	16	33	49	66	82	
900	16	32	47	63	79	
1500	12	24	37	49	61	
1900	11	22	33	44	54	
2450	10	19	29	38	48	
3600	8	16	24	32	40	
5200	7	13	20	26	33	
5400	6	13	19	26	32	
5800	6	12	19	25	31	

TEST RESULTS

Table for Filed Antenna

For BDR+EDR

Ant.	Brand	Antenna Type	Connector	Gain (dBi)
1	N/A	Geomagnetic	N/A	3.00

Operating Mode	Frequency (MHz)	Conducted Peak Powert (dBm)	Conducted Peak Powert (mW)
BDR+EDR	2402-2480	-0.11	0.97

Measurement Record:

The minimum distance for the EUT is less than 5mm.

Since maximum peak output power of the transmitter is -0.11 dBm ≈ 0.97 mW < $\frac{3*d}{\sqrt{f}}$ = 9.52 mW.

Hence the EUT is excluded from SAR evaluation according to FCC KDB Publication 447498 D01 General RF Exposure Guidance v06.

- **Conclusion**

Result: Complies

Statement

1. The report is invalid without the official seal or special seal of Shenzhen Haiyun Standard Technology Co., Ltd. (hereinafter referred to as the unit).

2. The report is invalid without the signature of the approver.

3. The report is invalid if altered arbitrarily.

4. The report shall not be partially copied without the written approval of the unit.

5. The reported test results are only valid for the tested samples.

6. If there is any objection to the test report, it shall be submitted to the test unit within 15 days from the date of receiving the report, and the overdue shall not be accepted.

Shenzhen Haiyun Standard Technology Co., Ltd.

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（END OF REPORT）