

# RF EXPOSURE Test Report

**Report No.** : MTi250107006-0106E2

**Date of issue** : 2025-02-08

**Applicant** : CG Mobile SAS

**Product** : Noise Cancellation Wireless Headphones

**Model(s)** : SP073, SP073 Pro, SP073 KLBHP73PSACKMK,  
SP073 KLBHP73PSACKMG, SP073 KLBHP73PSAKLSK,  
SP073 KLBHP73PSAKLSG, SP073 PRO LCWHPH02PBSK,  
SP073 PRO LCWHPH02PBEK, SP073 BMBHMIAP73MBCTK,  
SP073 BMBHP73SSLVK, SP073 PRO BMBHMIAP73MBCTK,  
SP073 PRO BMBHP73SSLVK, SP073 DKBH973PUSLK,  
SP073 DKBH973PUSLW, SP073 DKBHP73DNYAK,  
SP073 DKBHP73DNYAA, SP073 DKBHP73PCSHLK,  
SP073 DKBHP73PCSHLE, SP073 DKBHP73PCSHLP,  
SP073 DKBHP73PCSHLB, SP073 DKBHP73PGUHLK,  
SP073 DKBHP73PGUHLG, SP073 GUBHP73P4FC4MK,  
SP073 GUBHP73P4FC4MW, SP073 GUBHP73P4FC4MP,  
SP073 GUBHP73P4FC4MB, SP073 GUBHP73PSFCSMK,  
SP073 GUBHP73PSFCSME, SP073 GUBHP73PSFCSMW,  
SP073 GUBHP73PSFCSMP, SP073 GUBHP73PSFCSMA,  
SP073 HKBHP73KHLMRF, SP073 HKBHP73KHLMKE,  
SP073 HKBHP73KHLMRE, SP073 USHPP73PUNV,  
SP073 USHPP73PUNR, SP073 USHPP73PUNK,  
SP073 USHPP73PUNH

**FCC ID** : 2A7J2-KLBHP73

**Shenzhen Microtest Co., Ltd.**

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Test Result Certification		
Applicant	CG Mobile SAS	
Applicant Address	39 rue de Courcelles, 75008 Paris - France	
Manufacturer	Shenzhen Jsound Technologies Co., Limited	
Manufacturer Address	RM 401,601, Building 13, No.23,Songshanzai Rd, Xinhe Community, Fucheng Street, Longhua,Shenzhen,China	
Product description		
Product name	Noise Cancellation Wireless Headphones	
Trademark	GUESS / KARL LAGERFELD	
Model name	SP073	
Series Model(s)	SP073 Pro, SP073 KLBHP73PSACKMK, SP073 KLBHP73PSACKMG, SP073 KLBHP73PSAKLSK, SP073 KLBHP73PSAKLSG, SP073 PRO LCWHPH02PBSK , SP073 PRO LCWHPH02PBEK, SP073 BMBHMIAP73MBCTK, SP073 BMBHP73SSLVK, SP073 PRO BMBHMIAP73MBCTK, SP073 PRO BMBHP73SSLVK, SP073 DKBH973PUSLK, SP073 DKBH973PUSLW, SP073 DKBHP73DNYAK, SP073 DKBHP73DNYAA, SP073 DKBHP73PCSHLK, SP073 DKBHP73PCSHLE, SP073 DKBHP73PCSHLP, SP073 DKBHP73PCSHLB, SP073 DKBHP73PGUHLK, SP073 DKBHP73PGUHLG, SP073 GUBHP73P4FC4MK, SP073 GUBHP73P4FC4MW, SP073 GUBHP73P4FC4MP, SP073 GUBHP73P4FC4MB, SP073 GUBHP73PSFCSMK, SP073 GUBHP73PSFCSME, SP073 GUBHP73PSFCSMW, SP073 GUBHP73PSFCSMP, SP073 GUBHP73PSFCSMA, SP073 HKBHP73KHLMRF, SP073 HKBHP73KHLMKE, SP073 HKBHP73KHLMRE, SP073 USHPP73PUNV, SP073 USHPP73PUNR, SP073 USHPP73PUNK, SP073 USHPP73PUNH	
Standards	47 CFR Part 2.1093	
Test method	KDB 447498 D01 v06	
Testing Information		
Date of test	2025-01-22 to 2025-02-08	
Test Result	Pass	
Prepared by	James Qin	<i>James Qin</i>
Reviewed by	David Lee	<i>David. Lee</i>
Approved by	Leon Chen	<i>Leon chen</i>

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## 1 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 Test Exclusion Threshold condition(s), listed below, is (are) satisfied.

These test exclusion conditions are based on source-based time-averaged maximum conducted output power of the RF channel requiring evaluation, adjusted for tune-up tolerance, and the minimum test separation distance required for the exposure conditions.

The minimum test separation distance defined in 4.1 f) is determined by the smallest distance from the antenna and radiating structures or outer surface of the device, according to the host form factor, exposure conditions and platform requirements, to any part of the body or extremity of a user or bystander.

To qualify for SAR test exclusion, the test separation distances applied must be fully explained and justified, typically in the SAR measurement or SAR analysis report, by the operating configurations and exposure conditions of the transmitter and applicable host platform requirements, according to the required published RF exposure KDB procedures.

When no other RF exposure testing or reporting are required, a statement of justification and compliance must be included in the equipment approval, in lieu of the SAR report, to qualify for SAR test exclusion.

When required, the device specific conditions described in the other published RF exposure KDB procedures must be satisfied before applying these SAR test exclusion provisions.

- a) For 100 MHz to 6 GHz and test separation distances  $\leq 50$  mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

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

- $f_{(\text{GHz})}$  is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison
- The values 3.0 and 7.5 are referred to as *numeric thresholds* in step b) below

The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  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 according to 4.1 f) is applied to determine SAR test exclusion.

- b) 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 (also illustrated in Appendix B):

- 1)  $\{[\text{Power allowed at } \textit{numeric threshold} \text{ for 50 mm in step a)}] + [(\text{test separation distance} - 50 \text{ mm}) \cdot (f(\text{MHz})/150)]\}$  mW, for 100 MHz to 1500 MHz
- 2)  $\{[\text{Power allowed at } \textit{numeric threshold} \text{ for 50 mm in step a)}] + [(\text{test separation distance} - 50 \text{ mm}) \cdot 10]\}$  mW, for  $> 1500$  MHz and  $\leq 6$  GHz

- c) For frequencies below 100 MHz, the following may be considered for SAR test exclusion (also illustrated in Appendix C):

- 1) For test separation distances  $> 50$  mm and  $< 200$  mm, the power threshold at the corresponding test separation distance at 100 MHz in step b) is multiplied by  $[1 + \log(100/f(\text{MHz}))]$

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- 2) For test separation distances  $\leq 50$  mm, the power threshold determined by the equation in c) 1) for 50 mm and 100 MHz is multiplied by  $\frac{1}{2}$
- 3) SAR measurement procedures are not established below 100 MHz.

When SAR test exclusion cannot be applied, a KDB inquiry is required to determine SAR evaluation requirements for any SAR test results below 100 MHz to be acceptable.

## 2 SAR Test Exclusion Thresholds

We use 5mm as separation distance to calculated.

BR&EDR:

Transmit Frequency (GHz)	Mode	Measured Power (dBm)	Tune-up power (dBm)	Max tune-up	Result	1g SAR test exclusion threshold
				power(dBm)	calculation	
2402	GFSK	0.27	0±1	1	0.3902	3
2441		0.62	0±1	1	0.3934	3
2480		0.82	0±1	1	0.3965	3
2402	π/4-DQPSK	1.09	1±1	2	0.4913	3
2441		1.41	1±1	2	0.4952	3
2480		1.68	1±1	2	0.4992	3

### Conclusion:

For the max result:  $0.4992 \leq 3.0$  for 1g SAR test exclusion threshold, No SAR is required.



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