

TEST REPORT

Product Name : Bluetooth Headset
Brand Mark : SOUNDPEATS
Model No. : TrueCapsule2
Extension Model : SP1017A,SP1017B,SP1017C,SP1017D,
SP1017E,SP1017F,SP1017H,SP1017G,
SP1017I
FCC ID : 2AFTU-DD009
Report Number : BLA-EMC-202006-A39-03
Date of Sample Receipt : 2020/6/16
Date of Test : 2020/6/16 to 2020/7/9
Date of Issue : 2020/7/22
Test Standard : 47 CFR Part 1.1307, Part 2.1093, KDB
447498
Test Result : Pass

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2020/7/22



1.1 RF Exposure Compliance Requirement

1.1.1 Standard Requirement

According to KDB447498D01 General RF Exposure Guidance v06

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 Exclusion Threshold condition, listed below, is satisfied.

1.1.2 Limits

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot$

$[\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR and ≤ 7.5 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 calculation¹⁷
- The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is ≤ 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 is applied to determine SAR test exclusion

1.1.3 EUT RF EXPOSURE EVALUATION

Operational Mode: EDR (8-DPSK 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	3.53	±1	4.53	2.84	0.88	3
2441MHz	2.97	±1	3.97	2.49	0.78	3
2480MHz	2.40	±1	3.4	2.19	0.69	3
Conclusion: the calculated value ≤ 3.0 , SAR is exempted.						

----END OF REPORT----

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