



FCC RF Exposure

EUT Description: WIRELESS HEADPHONE

Model No.: ZW-PG02, ZW-PG01, ZW-PG03, ZW-PG04, ZW-051, ZW-052, ZW-053, ZW-054, ZW-055, ZW-056, ZW-057, ZW-058, ZW-059, ZW-060, ZW-061, ZW-062, ZW-063, ZW-064, ZW-065, ZW-066, ZW-067, ZW-068, ZW-069, ZW-070, YK-069, YK-070, YK-071, YK-072, YK-073, YK-074

FCC ID: 2BC6A-ZW-PG02

Equipment type: portable use

According to KDB 447498 D01 General RF Exposure Guidance v06 and part 2.1093, 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 numeric simulation, is not required when the corresponding SAR Test Exclusion Threshold condition(s), listed below, is (are) satisfied.

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:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance in mm})] \cdot [f(\text{GHz})] < 3.0$$
 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 calculation

The result is rounded to one decimal place for comparison

$$\text{EIRP} = \text{E}_{\text{Meas}} + 20 \log(d_{\text{meas}}) - 104.7$$

EIRP is the equivalent isotropically radiated power,

E_{Meas} in dBm is the field strength of the emission at the measurement distance, in dB μ V/m

d_{Meas} is the measurement distance, in m

Field strength (dB μ V/m)	EIRP (dBm)	Max tune-up (mW)	Frequency (MHz)	Min. distance (mm)	Calc. thresholds	limit
88.26	-6.8976	0.2043	2402	5	0.0633	3.0
87.31	-7.8476	0.1641	2440	5	0.0513	3.0
89.22	-5.9376	0.2548	2480	5	0.0803	3.0

EIRP (dBm)	Max tune-up (mW)	Frequency (MHz)	Min. distance (mm)	Calc. thresholds	limit
0.58	1.1429	2402	5	0.3543	3.0
1.52	1.4191	2441	5	0.4434	3.0
1.66	1.4655	2480	5	0.4616	3.0

Conclusion: No SAR is required