

RF Exposure Evaluation

FCC ID: 2BWSN-V1

According to KDB 447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a).

EUT Specification

Product Name:	AR Display Glasses
Trade Mark:	/
Model/Type Reference:	Glasses GV1
Listed Model(s):	GV1, Birdilens GV1, iTour GV1, Captionlens GV1, Captify V1, DL V1, Holotus V1, Floatair V1, F06 V1, F07 V1, F08 V1, F09 V1, F10 V1, F11 V1, F12 V1, F15 V1, F16 V1, F17 V1, F18 V1, F19 V1, F20 V1, F21 V1, F66 V1, F99 V1, F1
Model Differences:	All these models are identical in the same PCB, layout, electrical circuit. The difference is the color of the lens and the shape of the frame.
Frequency Band (Operating)	BT: 2402MHz ~ 2480MHz
Device Category	☒ Portable (<5mm separation) ☐ Mobile (>20cm separation) ☐ Fixed (>20cm separation) ☐ Others ____
Antenna Diversity	☒ Single antenna ☐ Multiple antennas ☐ Tx diversity ☐ Rx diversity ☐ Tx/Rx diversity
Antenna Gain (Max)	BT: 2.91 dBi

Limit

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:

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

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 ≤ 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.

Measurement Result

Mode	Frequency (MHz)	Max. Measured Power(dBm)	Max. Tune up Power(dBm)	Result	Limit	Verdict
BLE_1M	2402	0.89	1.50	0.44	3.0	Pass
DH5	2402	1.07	1.50	0.44	3.0	Pass

Note:

1. Calculate in the worst-case mode.
2. Max. Tune Up Power is declared by manufacturer, and used to calculate.
3. For a more detailed features description, please refer to the RF Test Report.

*****THE END*****