



RF Exposure Evaluation

FCC ID: 2BPR7HYT-16C-001

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

EUT Specification

Product Name:	Infrared Bluetooth Voice Air Mouse Remote Control
Trade Mark:	/
Model/Type Reference:	HYT-16C-001
Listed Model(s):	HYT-16C-002, HYT-16C-003
Model Differences:	All these models are identical in the same PCB, layout and electrical circuit, The difference is model name and shell color.
Operating Frequency Band:	BLE: 2402MHz ~ 2480MHz
Device Category:	<input checked="" type="checkbox"/> Portable (<5mm separation) <input type="checkbox"/> Mobile (>20cm separation) <input type="checkbox"/> Fixed (>20cm separation) <input type="checkbox"/> Others _____
Antenna Diversity:	<input checked="" type="checkbox"/> Single antenna <input type="checkbox"/> Multiple antennas <input type="checkbox"/> Tx diversity <input type="checkbox"/> Rx diversity <input type="checkbox"/> Tx/Rx diversity
Antenna Gain (Max):	3.41dBi

Limit

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.



Measurement Result

Mode	Frequency (MHz)	Max. Measured Power (dBm)	Max. Tune up Power (dBm)	Result	Limit	Verdict
GFSK	2402	0.37	1	0.862	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*****