

**RF Exposure Evaluation****FCC ID: 2AVK9-30357**

According to KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)

EUT Specification

EUT	Playbeatz Gen 2
Model/Type reference:	30357
Listed Model(s):	-
Frequency band (Operating)	<input checked="" type="checkbox"/> BT: 2.402GHz ~ 2.480GHz <input type="checkbox"/> BLE: 2.402GHz ~ 2.480GHz <input type="checkbox"/> WLAN: 2.412GHz ~ 2.462GHz <input type="checkbox"/> Others
Device category	<input type="checkbox"/> Mobile (<20cm separation) <input checked="" type="checkbox"/> Portable (<5mm 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)	-0.58dBi

Limit
$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f_{(\text{GHz})}}] \leq 3.0$$

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 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**

Type	Channel frequency (MHz)	Max. Measured Power (dBm)	Max. Tune up Power (dBm)	Antenna Gain	Calculation Value	Threshold Value	Result
$\pi/4$ -DQPSK	2402	-7.99	-7.00	-0.58	0.054	3.0	PASS
	2441	-7.46	-7.00	-0.58	0.055	3.0	
	2480	-7.07	-7.00	-0.58	0.055	3.0	

Note

For a more detailed features description, please refer to the RF Test Report.

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