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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)	☒BT: 2.402GHz ~ 2.480GHz ☐BLE: 2.402GHz ~ 2.480GHz ☐WLAN: 2.412GHz ~ 2.462GHz ☐Others
Device category	☐Mobile (<20cm separation) ☒Portable (<5mm separation) ☐fixed (>20cm separation) ☐Others ___
Antenna diversity	☒Single antenna ☐Multiple antennas ☐Tx diversity ☐Rx diversity ☐Tx/Rx diversity
Antenna gain (Max)	-0.58dBi

Limit

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

Where

-$f_{(GHz)}$ 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
π/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.

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