

FCC RF Exposure

EUT Description: NuChamp Wireless Game Controller For Nintendo SwitchR - Armor3

Model No.: M07467, M07467-BK, M07467-RR, M07467-TQ/WH

FCC ID: 2ARNF-M07467

1, Limit for General Population/ Uncontrolled Exposures

Frequency	Power density (mW/ cm ²)	Averaging time(minutes)
300MHz----1.5GHz	F/1500	30
1.5GHz---100GHz	1.0	30

2, Estimation Result

For WiFi 2.4GHz:

Mode	Max PK Output power(dBm)	Tune Up Power(dBm)	Max Tune Up power(mW)	Antenna Gain(dBi)	Antenna Gain (linear)	MPE (mW/cm ²)
WIFI	14.97	14±1(15)	31.62	2	1.5849	0.00997

For BT:

BT	-8.506	-8±1(-7)	0.200	2	1.5849	0.00006
----	--------	----------	-------	---	--------	---------

Note:

Note: The estimation distance is 20cm

The device could not transmit simultaneously in 2.4G.

Note: PK Output power= conducted power.

Conducted power see the test report HK2009162594-2E, HK2009162594-1E.

Gantenna gain=2dBi

when the minimum test separation distance is >20 cm, a distance of 20 cm is applied to determine RF Exposure test exclusion. The test exclusion threshold is 0.00997mW/cm² which is < 1.0mW/cm², RF Exposure testing is not required.