



FCC RF Exposure

EUT Description: Bluetooth and 2.4g wireless gamepad for PS1/PS2/PS3/PC/Switch

ModelNo.: DefenderPRO

FCC ID: 2A6L7-DPRO

Equipment type: Portable devices

According to KDB 447498 D01 General RF Exposure Guidance v06 and part 2.1093, Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numeric simulation, is not required when the corresponding SAR Test Exclusion Threshold condition(s), listed below, is (are) satisfied.

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:

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

2.4G

Field strength(dBuV/m)	EIRP(dBm)	Max tune-up(mW)	Frequency(MHz)	Min. Distance (mm)	Calc. thresholds	limit
95.41	0.18	1.0426	2405	5	0.3231	3.0000
93.94	-1.29	0.7432	2440	5	0.2321	3.0000
96.75	1.52	1.4195	2475	5	0.4465	3.0000

BT

Field strength(dBuV/m)	EIRP (dBm)	Max tune-up(mW)	Frequency(MHz)	Min. Distance (mm)	Calc. thresholds	limit
93.22	-2.01	0.6297	2402	5	0.19513	3.0000
92.75	-2.48	0.5651	2440	5	0.1765	3.0000
93.24	-1.99	0.6326	2465	5	0.19919	3.0000

2.4G+BT: Conclusion: the max result $0.4465+0.19919 \leq 3.0$ compliance with FCC's RF Exposure.