

RF Exposure Evaluation Report

1 RF EXPOSURE

Product Name	F700 Arcade Stick
Model No.	F700
FCC ID	2ASVQ-F700

1.1 LIMITS

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$ 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 calculation¹⁷

The result is rounded to one decimal place for comparison

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 is applied to determine SAR test exclusio

1.2 EUT RF EXPOSURE EVALUATION

Operational Mode: GFSK						
Channel (MHz)	Max. Conducted Power(dBm)	Tune up tolerance (dB)	Maximum tune-up Power		Calculated value	Limit
			(dBm)	(mW)		
DH5-2480	2.89	3±1	4	2.512	0.7911	3.0
2402	-2.43	-2±1	-1	0.794	0.246	3.0

Calculated value-1.995 < 3.0, So there is no require SAR test
dbm=dbuv/m-95.2, so the 2.4G-2402MHz power is 92.77-95.2=-2.43 dBm