RF Exposure Evaluation Report

1 RF EXPOSURE

Product Name   F700 dongle

Model No.   F700 dongle

FCC ID   2ASVQ-DONGLE

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:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] ·
[$\sqrt{f(GHz)}$] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

    f(GHz) is the RF channel transmit frequency in GHz

    Power and distance are rounded to the nearest mW and mm before calculation[17]

    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)		
2440	1.67	2±1	3	1.995	0.623	3.0
Conclusion: the calculated value ≤3.0, SAR is exempted.						

Calculated value-0.623 < 3.0, So there is no require SAR test