FCC RF Exposure

EUT Description:Tablet pc
Model No.: mPAD08,T900,X17,X18,P30,T700
FCC ID:2BBO3-MPAD08
Equipment type: Portable Device

According to KDB 447498 D01 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 numericasimulation, is not required when the corresponding SAR Test Exclusion Thresholocondition(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 testexclusion thresholds are determined by the following:
[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distancemm)] · [vfGHz)] < 3.0 for 1-g SAR, and s 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
The result is rounded to one decimal place for comparison

EIRP=EMeas+20log(dmeas)-104.7
EIRP is the equivalent isotropically radiated power,
E_{Meas} in dBmis the field strength of the emission at the measurement distance, in dB u V/m
d_{Meas} is the measurement distance, in m

WIFI:

	Output power（dBm/ mW）	Min. distance(mm)	Result calculation	Limit (mW/cm^2)	Result
802.11b	8.44/6.9823	5	2.191	3.0	Pass
802.11g	7.43/5.5335	5	1.736	3.0	Pass
802.11n(20MHz)	6.68/4.6559	5	1.454	3.0	Pass

BT

Field strength(dBuV/m)	EIRP(dBm)	Max tune-up(mW)	Frequency(MHz)	Min. distance(mm)	Calc. thresholds	limit	Result
93.61	-1.5476	0.7002	2402	5	0.217	3.0	Pass
93.52	-1.6376	0.6859	2440	5	0.214	3.0	Pass
91.82	-3.3376	0.4637	2480	5	0.146	3.0	Pass

Conclusion: No SAR is required