MPE ESTIMATION

Test report
On Behalf of
Hangzhou Dfire Technology Co., Ltd.
For
The Cash Register
Model No.: NOVO-03

FCC ID: 2AT75-NOVO-03

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Date of Test:	**July 08, 2019 ~ July 26, 2019**
Date of Report:	**July 26, 2019**
Report Number:	**HK1907261805-2E**

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

Note: F= Frequency in MHz

2, Estimation Result

2.4G WIFI

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)
11b	13.95	13±1(14)	25.12	1	1.259	0.00629
11g	12.34	12±1(13)	19.95	1	1.259	0.00500
11n/HT20	11.95	11±1(12)	15.85	1	1.259	0.00397
11n/HT40	10.93	11±1(12)	15.85	1	1.259	0.00397
Note: $Pd = \frac{Pout * G}{4\pi r^2}$;						
Note: The estimation distance is 20cm						
Note: PK Output power= conducted power. Conducted power see the test report HK1907261805-1E, antenna gain=1dBi						

when the minimum test separation distance is >20 cm, a distance of 20 cm is applied to determine SAR test exclusion. The test exclusion threshold is 0.00629mW/cm^2 which is< 1.0mW/cm^2, SAR testing is not required.

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