



MPE ESTIMATION

Test report
On Behalf of
SHENZHEN TIAN XING CHUANG ZHAN ELECTRONIC CO.,LTD.
For
TV-BOX
Model No.: MXQPRO, MXQPR0, MX9, R96, TX95, T8max, T95A,
T95B, TX96PR0

FCC ID: 2AUEY-MXQPRO

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**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	13.45	13±1(14)	25.12	1	1.259	0.00629
11g	12.24	12±1(13)	19.95	1	1.259	0.00500
11n/HT20	11.52	11±1(12)	15.85	1	1.259	0.00397
11n/HT40	11.08	11±1(12)	15.85	1	1.259	0.00397
$Pd = \frac{P_{out} * G}{4\pi r^2};$						
Note:						
Note: The estimation distance is 20cm						
Note:						
PK Output power= conducted power.						
Conducted power see the test report HK1905151048-1E, 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/cm² which is < 1.0mW/cm², SAR testing is not required.

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