

MPE ESTIMATION

FCC ID: 2BKBY-YBZN1120

1. Limit for General Population/Uncontrolled Exposures

Frequency	Power Density(mW/cm2)	Averaging Time(minutes)
300MHz-1.5GHz	F/1500	30
1.5GHz-100GHz	1.0	30

Note: F= Frequency in MHz

2. Estimation Result

BT (Worst case):

Frequency (MHz)	Reading result (dBμV)	EIRP(dBm)	Max Tune Up Power (mW)	MPE (mW/cm ²)	Power Density (mW/cm ²) Limit	Result
8DPSK 2441MHz	103.29	8.09	6.442	0.001282	1.0	PASS
$Pd = \frac{P_{out} * G}{4\pi r^2}$						
Note:						
Note: The estimation distance is 20cm.						
Note: Reading result see the test report UNIA24072702ER-61.						
EIRP= Reading result - 95.2						

BLE:

Frequency (MHz)	Reading result (dBμV)	EIRP(dBm)	Max Tune Up Power (mW)	MPE (mW/cm ²)	Power Density (mW/cm ²) Limit	Result
GFSK 2440MHz	102.44	7.24	5.297	0.001054	1.0	PASS
$Pd = \frac{P_{out} * G}{4\pi r^2}$						
Note:						
Note: The estimation distance is 20cm.						
Note: Reading result see the test report UNIA24072702ER-62.						
EIRP= Reading result - 95.2						

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