Maximum Permissible Exposure Compliance Requirement

1. STANDARD REQUIREMENT

The provisions of §1.1307 (c) and (d)

2. LIMITS

2.1 Basic Restrictions Reference levels

Occupational/Controlled exposure limits

Frequency range（MHz）	Electric field strength(E) V/m	Magnetic field strength(H) (A/m)	Power density(S) (mW/cm^2)	Averaging time (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	($900/f^2$)*	6
30-300	61.4	0.163	1.0	6
300-1500	--	--	f/300	6
1500-100,000	--	--	5	6

General Population/Uncontrolled exposure limits

Frequency range（MHz）	Electric field strength(E) V/m	Magnetic field strength(H) (A/m)	Power density(S) (mW/cm^2)	Averaging time (minutes)
0.3-3.0	614	1.63	(100)*	30
3.0-30	824/f	2.19/f	($180/f^2$)*	30
30-300	27.5	0.073	0.2	30
300-1500	--	--	f/1500	30
1500-100,000	--	--	1.0	30

*Plane-wave equivalent power density

f = frequency in MHz

2.2 Limit calculations for radiated electric field strength measurement

Frequency	Electric Field Strength @0.1m (V/m)	Electric Field Strength @3m (dBuV/m)
300kHz~3MHz	614	86

3. EUT RF EXPOSURE

The Max radiated emission electric field strength is E = 53.10 dBuV/m;

E＜Electric Field Strength @3m

So the MPE comply the requirement.