

Field strength of Max Test emission (E):	<u>61.51</u>	<u>dBμV/m</u>
Conversion value (EIRP):	<u>0.000047</u>	<u>mW</u>
Measured distance of fundamental emission (D):	<u>1</u>	<u>m</u>
Prediction distance (R):	<u>20</u>	<u>cm</u>
Prediction frequency (f):	<u>13.56</u>	<u>MHz</u>
MPE limit for uncontrolled exposure at prediction frequency:	<u>0.98</u>	<u>mW/cm²</u>
Power density at prediction frequency:	<u>0.0000000094</u>	<u>mW/cm²</u>

$$S = \frac{P G}{4 \pi R^2} = \frac{EIRP}{4 \pi R^2}$$

S = power density

P = power input to the antenna

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna

EIRP = equivalent isotropically radiated power

Limits for General Population/Uncontrolled Exposure (1.34M~30MHz) = 180/f²

Signature:

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