

S = power density

P = power input to the antenna

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

R = distance to the center of radiation of the antenna

CONTAINS

PD9WM3945ABG

output power	<u>12.97</u>	(dBm)	<u>18.50</u>	(dBm)	<u>25.02</u>	(dBm)
output power	<u>20</u>	(mW)	<u>71</u>	(mW)	<u>318</u>	(mW)
antenna gain	<u>2.14</u>	(dBi)	<u>2.14</u>	(dBi)	<u>2.14</u>	(dBi)
antenna gain	<u>1.64</u>	(numeric)	<u>1.64</u>	(numeric)	<u>1.64</u>	(numeric)
distance	<u>20</u>	(cm)	<u>20</u>	(cm)	<u>20</u>	(cm)
duty cycle	<u>100</u>	(%)	<u>100</u>	(%)	<u>100</u>	(%)
frequency	<u>920</u>	(MHz)	<u>2400</u>	(MHz)	<u>2400</u>	(MHz)
MPE limit	<u>0.613</u>	(mW/cm^2)	<u>1.000</u>	(mW/cm^2)	<u>1.000</u>	(mW/cm^2)
power density	<u>0.00645</u>	(mW/cm^2)	<u>0.0231</u>	(mW/cm^2)	<u>0.1034</u>	(mW/cm^2)
margin	<u>19.7797</u>	(dB)	<u>16.3727</u>	(dB)	<u>9.8527</u>	(dB)
	0.00645	+	0.0231	+	0.1034	
	0.1330	<1				