رها د دینه بود ۱۳۵۲ ۲۳۵ ۹۸۱۲۳۵ کوئیز معم مدار معابرات

$$P_{(2W_1-W_2)} \approx 3 P_{W_1} - 2 P_{IP} \implies 2 P_{IP} = 3 P_{W_1} - P_{(2W_1-W_2)} = -12 + 40 = 28$$

$$\Rightarrow P_{IP} = \frac{28}{2} = 14 \text{ dBm} \qquad P_{IP} = P_{IP} - 9 \text{ dBm} = 14 - 9 = 5 \text{ dBm}$$

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$$P_{IP} = P_{IP} - 10.63 = 3.37$$

$$Q_{c} = 20 \log R_1 \implies R_1 = 20 \implies A = \left[0.145 + \frac{20}{20}\right]^{\frac{1}{2}} = 0.38$$

$$P_{c} = 10 \log \left(\frac{A}{\sqrt{2}}\right)^{\frac{1}{2}} \cdot \frac{10^{3}}{R}$$

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$$=$$
 )  $A^2 = \frac{2}{3} \times \frac{k_1}{1k_3}$