



This confirms the Input Power is equal to Pavs from the Source
thanks to almost perfect matching
 $P_{in} = P_{avs}$

Both power is in Watt NOT dBm
Attention Carrier Indexes !!

$$\text{Eqn } P_{out} = 0.5 * \text{real}((v_{out}) * \text{conj}(HB.i_{out}.i[0]))$$

$$\text{Eqn } P_{in} = 0.5 * \text{real}((v_{in}[1]) * \text{conj}(HB.i_{in}.i[1]))$$

Eff
19.023

$$\text{Eqn } v_{out} = v2[0] - v1[0]$$

$$\text{Eqn } \text{Eff} = 100 * \text{mag}(P_{out}/P_{in})$$

Efficiency is defined as percentage.