Outdoor Unit Power Levels

Follow these steps to set the transmitted power level on the OU. Refer to table 4 for transmitted power levels.

Step	Action
1.	Determine the gain of the antenna, A_T, to be installed with the OU.
2.	Calculate the transmitted power, P_T, according to the following formula: $P_T = 30\text{dBm} - (A_T - 6)/3 \text{ dBm}$
3.	Determine the power level to be used in NMS by consulting table 4.
4.	Install a fixed attenuator between the OU and the antenna if the power level can not be sufficiently reduced.
5.	Set the transmitted power level in NMS.
6.	Repeat for both stations.

Example: Determining the transmitted power level.	
Step	**Action**
1.	Install a 24dBi antenna.
2.	Transmitted power level to be used is: $PT = 30 \text{ dBm} - (24-6)/3 \text{ dBm}$ $= 30 \text{ dBm} - 6 \text{ dBm}$ $= 24 \text{ dBm}$
3.	Power level 5 corresponds to 24 dBm transmitted power (from table 4).
4.	Ste the power level to level 5 in NMS.

Table 1. Transmitted Power Level Setting	
NMS Power Level Setting	**Transmitted Power (dBm)**
1	20
2	21
3	22
4	23
5	24
6	25
7	26