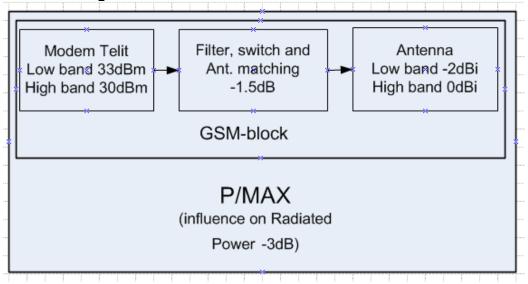


Antenna Gain and Power budget of GSM-USA blocks with Powermax Pro control panel, FCC ID:GSAPWRMAXPRO

1. Antenna Gain in the open space:

Low Band 824-849 MHz G=-2 dBi High Band 1850-1910 MHz G=0 dBi

2. Power budget



Calculation of max Radiated Power for low band (824-849 MHz):

P=33 dBm-1.5 dB-2 dB-3 dB =26.5 dBm

Calculation of max Radiated Power for high band (1850-1910 MHz):

P=30 dBm-1.5 dB-0 dB-3 dB =25.5dBm.