

TRANSMITTER POWER OUTPUT COMPUTATIONS  
W268BY FCC CP 0000147810  
QUEENS, NEW YORK  
JULY 2021

Authorized ERP Circular	FCC Specified	99 watts
Antenna PSI PSIFM5CLOG CUSTOM	Manufacturer specified gain =	6.35 dB
Feedline ½ inch foam heliax 76.2 m	Manufacturer specified loss =	1.73 dB
Other losses for jumpers =		0.5 dB
Bandpass filter loss =		0.5 dB
System gain =		3.62 dB
Power gain =		2.3
TPO =		43 WATTS

Special Operating Conditions:

Applicant will reduce power or cease operation as required to meet OET-65 RF Safety Guidelines.

W268AN has received its CP for CH 268 as specified in FCC file number 0000150349.