

TRANSMITTER POWER OUTPUT COMPUTATIONS  
W268BY FCC CP 0000164258  
QUEENS, NEW YORK  
December 10, 2021

Authorized ERP Circular	FCC Specified	99 watts
Antenna PSI PSIFM5CLOG CUSTOM	Manufacturer specified gain =	6.35 dB
Feedline ½ inch foam heliax 30.2 m	Manufacturer specified loss =	0.68 dB
Other losses for jumpers =		0.5 dB
Bandpass filter loss =		0.5 dB
System gain =		4.7 dB
Power gain =		2.9
TPO =		34 WATTS

Special Operating Conditions:

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