

EXHIBIT 12

TOTAL POWER OUTPUT CALCULATIONS		
ITEM	DESCRIPTION/LENGTHS	GAIN/LOSS
Call Letters	W252DW	
Freq.	98.3	
Date	8/20/2018	
Antenna Make/Model/Bays	Jampro JLCP-2 - full wave spaced	
Antenna Gain dB (loss negative)		-0.200
Antenna Pwr Gain (multiplier)		0.955
Transmission Line Descrip	Andrew AVA6-50	
Loss per 100m	0.817	
Length (m)	100	
Line Loss dB (loss positive)		0.817
Other loss 1 - description/dB	6 pairs N connectors	0.300
Other loss 2 - description/dB	Kintronics FMC-1.5 Isocoupler	0.200
Other loss 3 - description/dB		0.000
Other loss 4 - description/dB		0.000
TOTAL SYSTEM GAIN dB (loss negative)		-1.517
System ERP (W)		175.0
TRANSMITTER TPO (W)		248.2
105% Max. TPO (W)		260.57
90% Min. TPO (W)		235.76