Title goes here

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Change Record

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01	Aug 15, 2023	R. Nguyen	All	Initial Draft
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A	Aug 16, 2023	T. Anderson	All	Review

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1 Introduction

1.1 Purpose

1.2 Scope

1.3 Verb Convention

"Must" for an obligation; "must not" for a prohibition.

"May" for a discretionary action; "should" for a recommendation.

"Will" is used to indicate a future happening/action.

2 Related Documents and Drawings

2.1 Applicable Documents

The following documents may not be directly referenced herein, but may provide necessary context or supporting material.

Ref. No.	Document Title	Rev/Doc. No.
AD01	Desiderata for Solar Observing with the EVLA	EVLAM_70
AD02	EVLA Hardware Modifications in Support of Solar Observing	EVLAM_72

2.2 Reference Documents

The following documents are referenced within this text:

Ref. No.	Document Title	Rev/Doc. No.
RD01	Solar Brightness Temperature and Corresponding Antenna Noise Temperature at Microwave Frequencies	Online
RD02	Antenna Engineering Handbook	DSOC Bookcase
RD03	Tools of Radio Astronomy	Privately Owned
RD04	X-Band System Performance of the Very Large Array	Online
RD05	10-60 GHz G/T Measurements Using the Sun as a Source–A Preliminary Study	Online

3 Section title

Section text here

3.1 Subsection

Subsection text here

(1) List item

(2) List item

3.2 Subsection

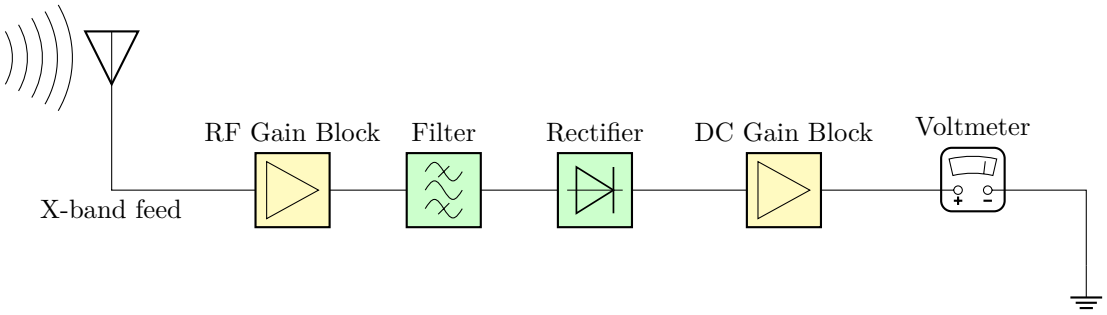

Figure 1: Block diagram.

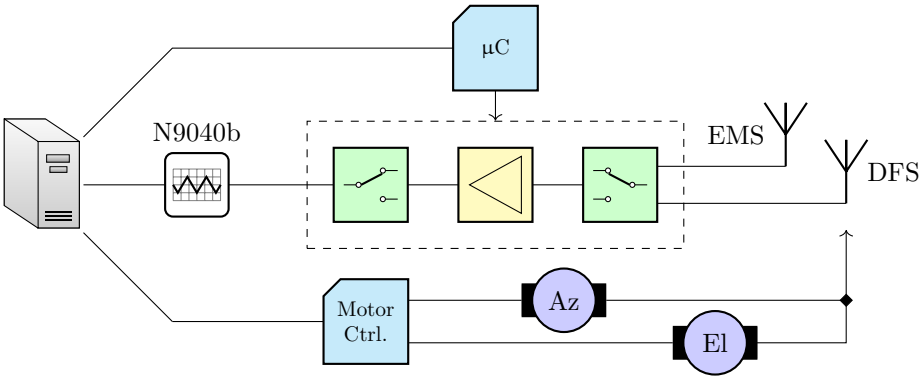

Figure 2: Block diagram 2.

4 Section title

4.1 Subsection

Example equation below

$$P_R = P_{sun} + P_{noise} \tag{1}$$
$$P_R = SA_e\Delta f + k_B T \Delta f$$

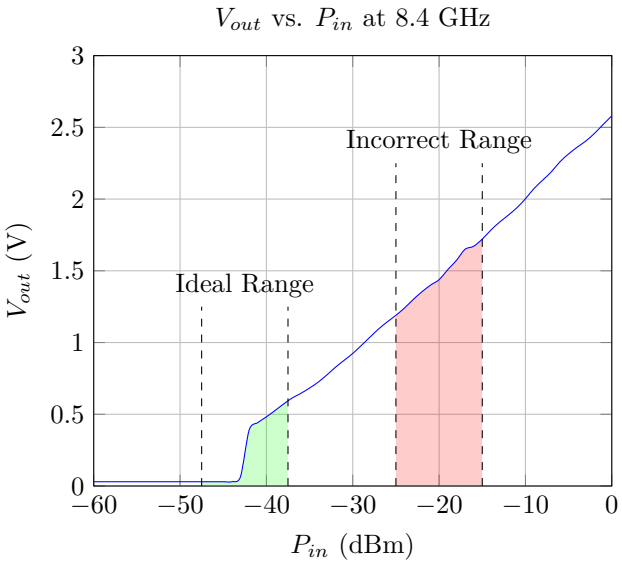

Figure 3: Graph from imported data

where: S is the source flux density in W m^{-2} Hz^{-1},
A_e is the effective aperture area in m^2
Δf is the receiver bandwidth in Hz,
k_B is the Boltzmann constant in J K^{-1}, and
T is the system noise temperature in K.

Example table below

	S_{min}	S_{μ}	S_{max}
2.8 GHz	70 SFU	150 SFU	280 SFU
8.8 GHz	152 SFU	326 SFU	608 SFU

Table 1: Solar Flux Density S at 8.8 GHz and 2.8 GHz