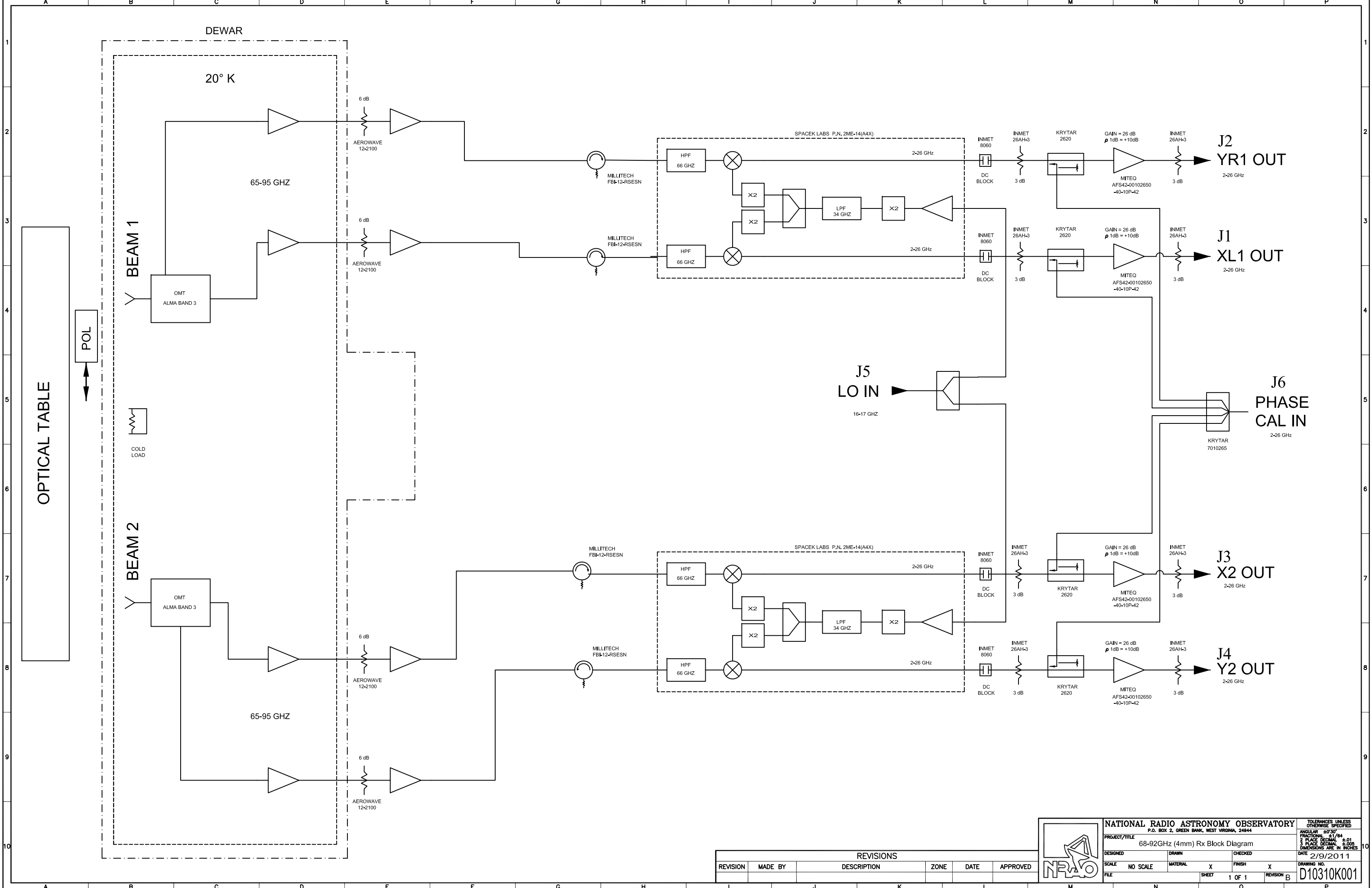




OPTICAL TABLE

POL

BEAM 1

BEAM 2

OMT
ALMA BAND 3

COLD
LOAD

DEWAR

20° K

65-95 GHz

65-95 GHz

6 dB
AEROWAVE
12-2100

6 dB
AEROWAVE
12-2100

6 dB
AEROWAVE
12-2100

6 dB
AEROWAVE
12-2100

MILLITECH
FBI-12-RSESN

MILLITECH
FBI-12-RSESN

MILLITECH
FBI-12-RSESN

MILLITECH
FBI-12-RSESN

HPF
66 GHZ

HPF
66 GHZ

HPF
66 GHZ

HPF
66 GHZ

X2

X2

X2

X2

LPF
34 GHZ

LPF
34 GHZ

LPF
34 GHZ

LPF
34 GHZ

J5
LO IN

16-17 GHz

DC
BLOCK

DC
BLOCK

DC
BLOCK

DC
BLOCK

INMET
8060

INMET
8060

INMET
8060

INMET
8060

INMET
26AH-3

INMET
26AH-3

INMET
26AH-3

INMET
26AH-3

KRYTAR
2620

KRYTAR
2620

KRYTAR
2620

KRYTAR
2620

GAIN = 26 dB
p 1dB = +10dB
MITEQ
AFS42-00102650
-40-10P-42

GAIN = 26 dB
p 1dB = +10dB
MITEQ
AFS42-00102650
-40-10P-42

GAIN = 26 dB
p 1dB = +10dB
MITEQ
AFS42-00102650
-40-10P-42

GAIN = 26 dB
p 1dB = +10dB
MITEQ
AFS42-00102650
-40-10P-42

INMET
26AH-3

INMET
26AH-3

INMET
26AH-3

INMET
26AH-3

J2
YR1 OUT

2-26 GHz

J1
XL1 OUT

2-26 GHz

J6
PHASE
CAL IN

2-26 GHz

J3
X2 OUT

2-26 GHz

J4
Y2 OUT

2-26 GHz

KRYTAR
7010265

REVISIONS					
REVISION	MADE BY	DESCRIPTION	ZONE	DATE	APPROVED



NATIONAL RADIO ASTRONOMY OBSERVATORY				TOLERANCES UNLESS OTHERWISE SPECIFIED	
P.O. BOX 2, GREEN BANK, WEST VIRGINIA, 24944				ANGULAR	±0°30'
PROJECT/TITLE				FRACTIONAL	±1/64
68-92GHz (4mm) Rx Block Diagram				2 PLACE DECIMAL	±.01
DESIGNED				3 PLACE DECIMAL	±.005
DRAWN				DIMENSIONS ARE IN INCHES	
CHECKED				DATE	2/9/2011
SCALE NO SCALE				DRAWING NO.	D10310K001
MATERIAL X				SHEET	1 OF 1
FINISH X				REVISION	B
FILE					