

General Update

- SPR
 - Ordered cable management for Analog Racks
 - Planning of tone measurement of RFCBs
 - Planning of power measurement after RF 4-way splitter
 - Investigate IF ripples
- General update
 - LNF 6 spare LNAs ORDER PLACED (expected in Feb.)
 - Optocoupler PCB design for RFSoc board DONE
 - IF gain Control PCB design DONE

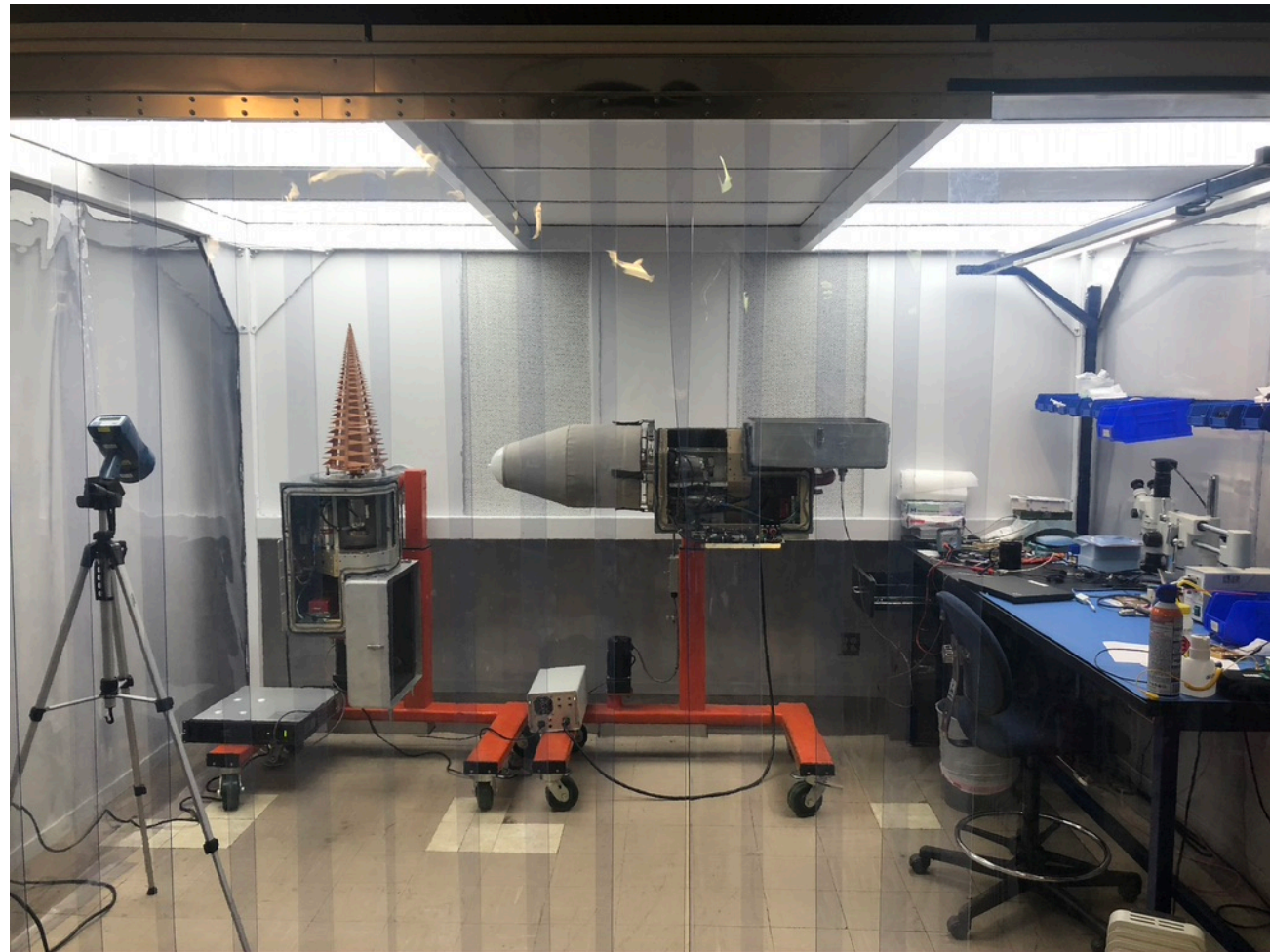
Antonio Feed update

- Feeds
 - 5 feed bases ready for installation
- Retrofit feed base:
 - started on second round of retrofits
- MINEX:
 - Order placed:
 - 6 feeds prep for gold-plating
 - 6 LNA modules and feed assembly
 - 6 New build Log-Periodic Feeds
- Other:
 - Quote arrived for 4 glass domes
 - Received mechanical specification from Minex

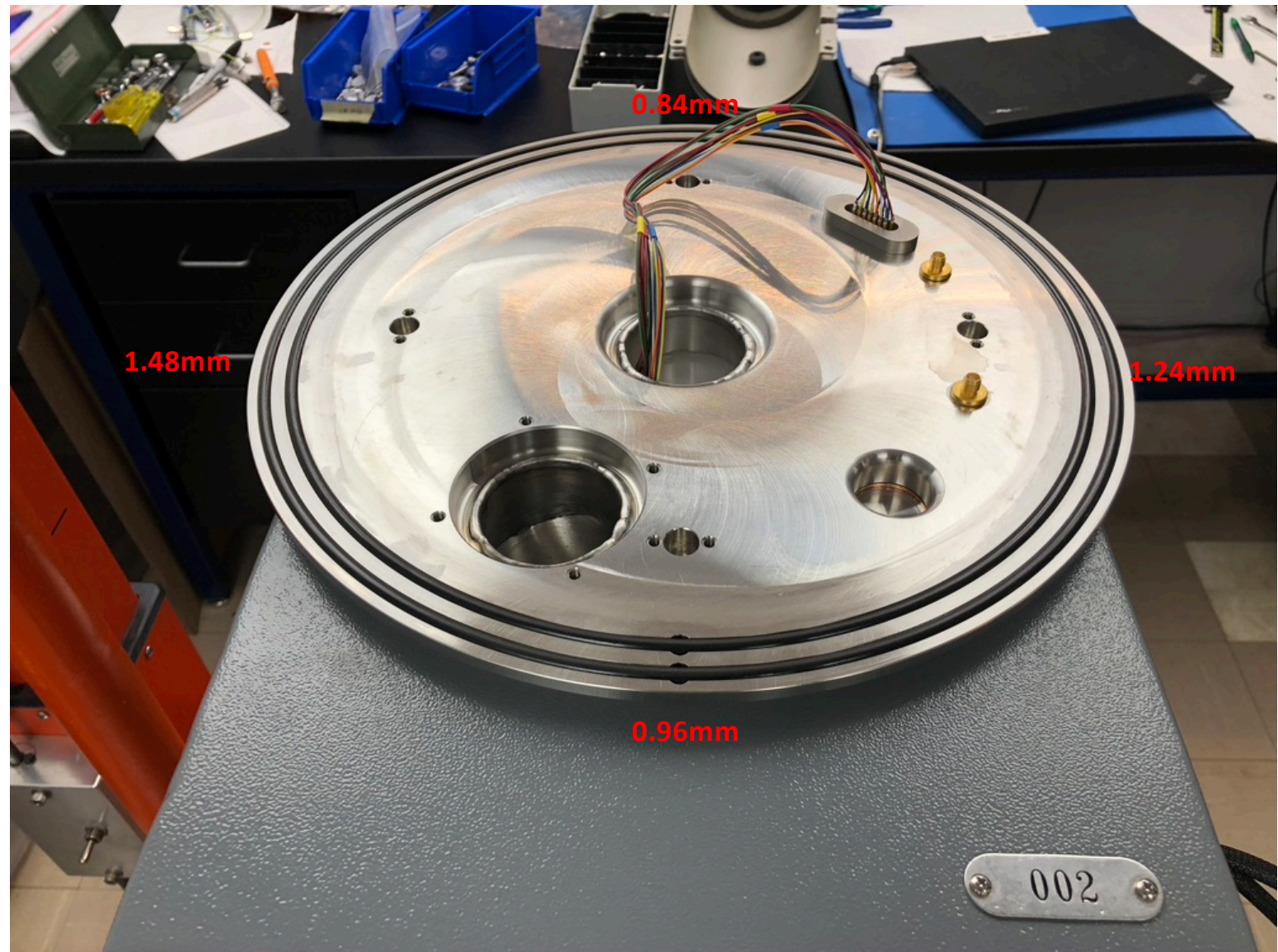
Feed List		Feed Revision Overview							
Number	Installed Ant.	Tip-Link: R03	Temp S. Isolation	New Harness	Bellow Removed	Cryo Tuned	Firmware 5.4	Gold-Plated	Preconditioned Coax
5C4-002	Feed Lab		x	x	In Progress	In Progress	In Progress		
5C4-003	Feed Lab (5B)	In Progress	x	x	x	x	x	x	In Progress
5C4-004	2B	x	x	x	x	x	x	x	x
5C4-005	2A								
5C4-006	4J	x	x	x	x	x	x	x	x
5C4-007	Feed Lab		x	x	x	In Progress	In Progress		
5C4-008	Feed Lab (1G)		x	x	x	x	x		
5C4-009	Feed Lab		x	x	x	x	x		
5C4-010	Feed Lab	MINEX	x	x	x	x	x	x	MINEX
5C4-011	Feed Lab (3L)	MINEX	x	x	x	x	x	x	MINEX
5C4-012	1K	x	x	x	x	x	x	x	NA
5C4-013	1H	x	x	x	x	x	x	x	x
5C4-014	Feed Lab (2J)	MINEX	x	x	x	x	x	x	MINEX
5C4-015	Feed Lab		In Progress	In Progress	In Progress	In Progress	In Progress		
5C4-016	2E	x	x	x	x	x	x	x	x
5C4-017	Feed Lab		In Progress	In Progress	In Progress	In Progress	In Progress		
5C4-018	2H	x	x	x	x	x	x	x	NA
5C4-019	1C		x	x	x	x			
5C4-020	3C	x	x	x	x	x	x	x	x

Parts missing for final build out

- Feed Base
 - 4 Glass Domes ORDERED (04/21)
 - 6 diaphragm pumps SHIPPED
- 2 new build pyramids (20 total)
- 6 SS coax cables from LNA to base ORDERED
- 3 48V power supplies to be installed at antennas (collected from Minex)
- 4 LNAs (6 ordered)

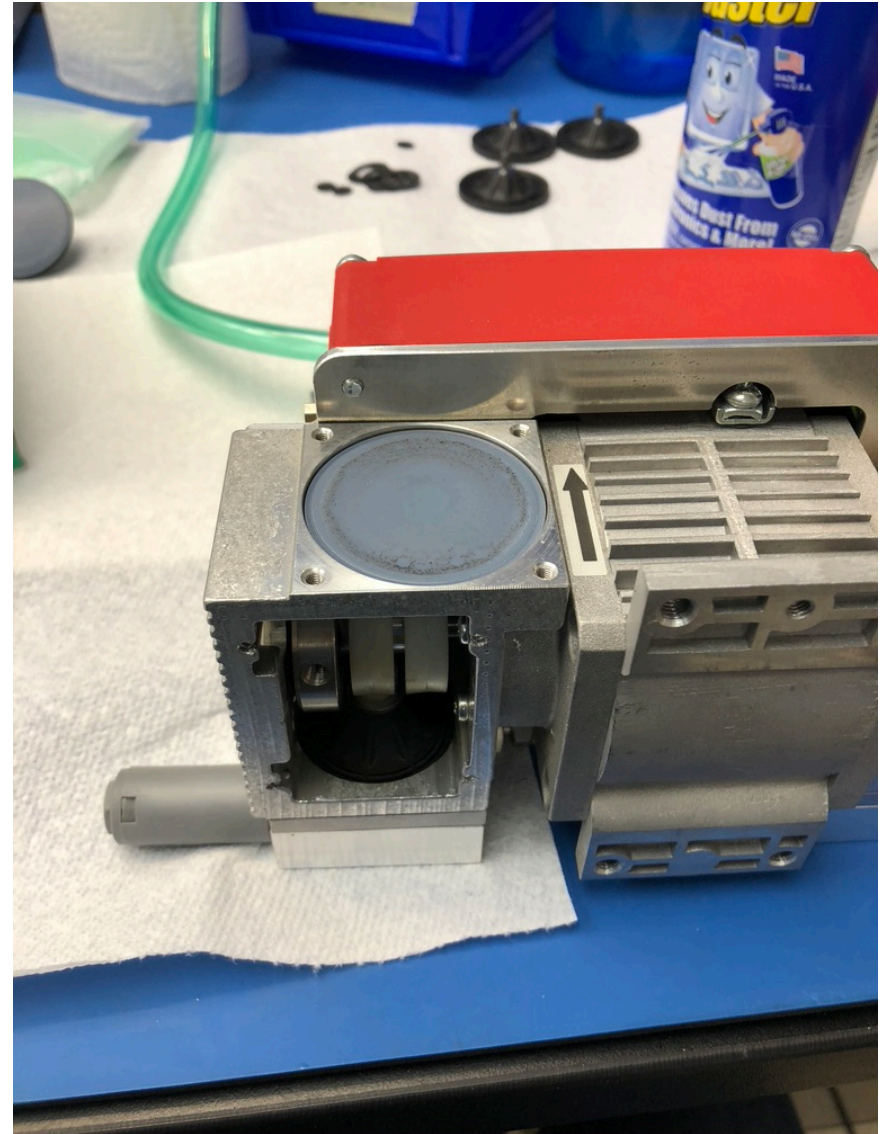


Base Plate 002



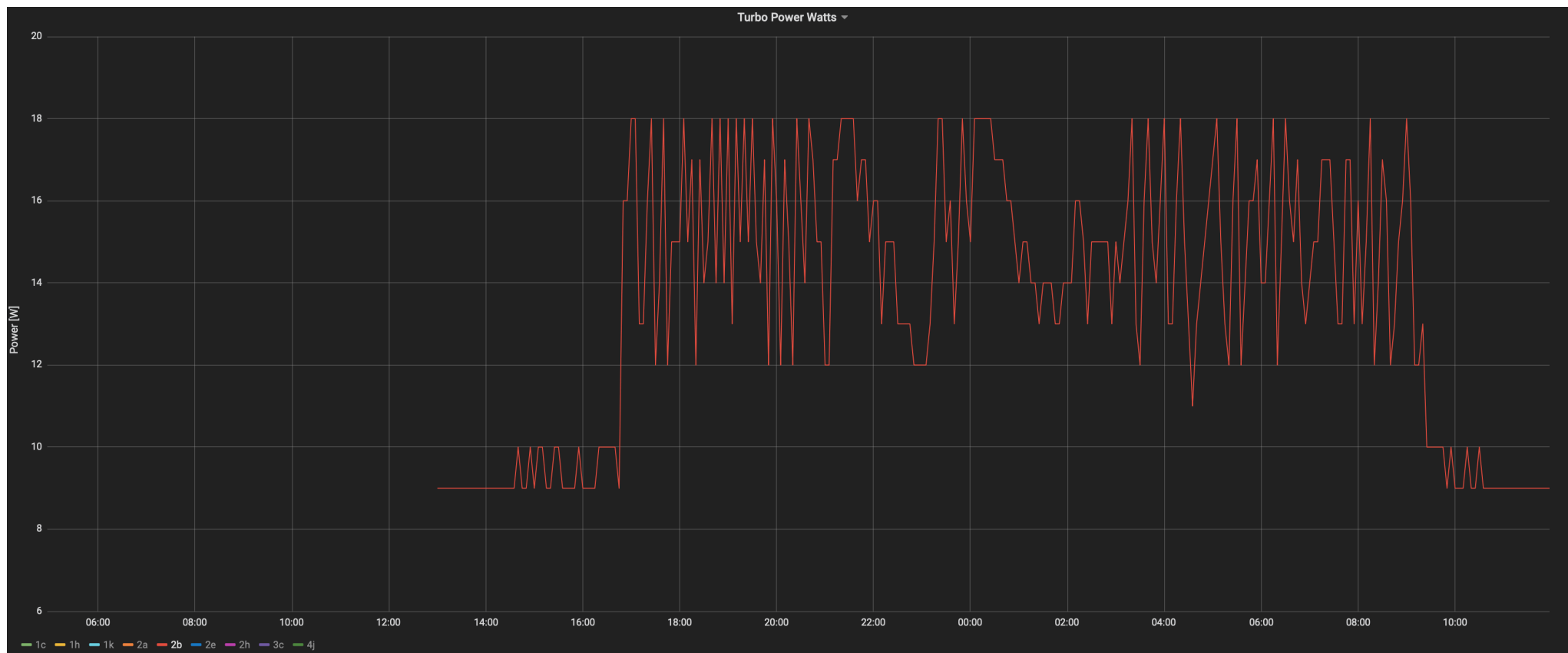
Diaphragm Pump Repair

- Membrane straight forward to replace
- Mechanical bearing problem



Intermittent operation of Diaphragm Pump

- Approx. every 30min



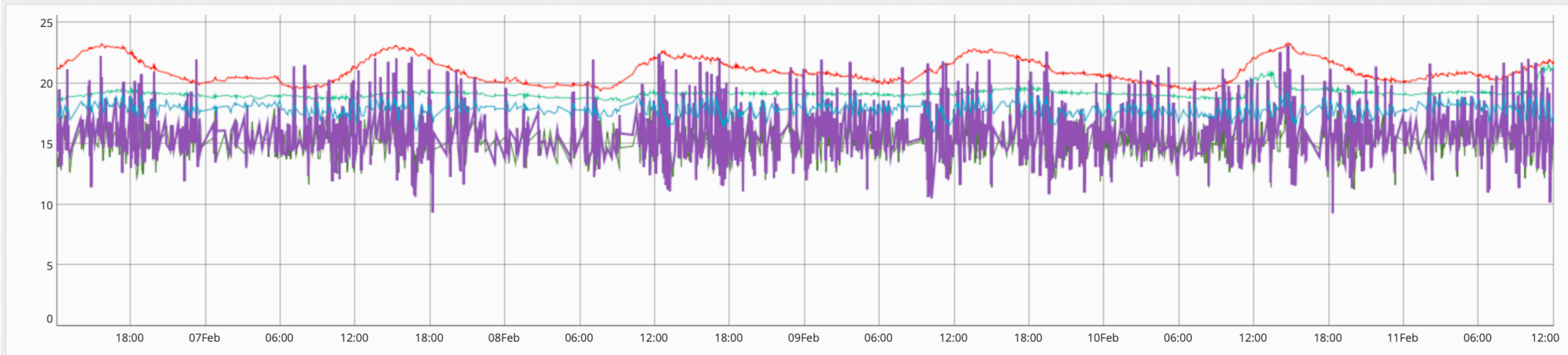
SPR AC

- Liebert OFF

HCRO SPR 



Save




- spr-monitor.hcro.org - SPR Room - Temperature (#1416891) < x
- spr-monitor.hcro.org - Liebert AC Floor - Temperature (#1416882) < x
- spr-monitor.hcro.org - AC 1 - Temperature (#1416887) < x
- spr-monitor.hcro.org - AC 2 - Temperature (#1416889) < x
- spr-monitor.hcro.org - Internal Sensor - Temperature (#1416877) < x

Last 5 Days



Report Overlays

- ☐ ASHRAE Recommended Temperature Range 
- ☐ ASHRAE Recommended Humidity Range 