

TLT3

Bore-Sight Antenna Positioning Tower

Features

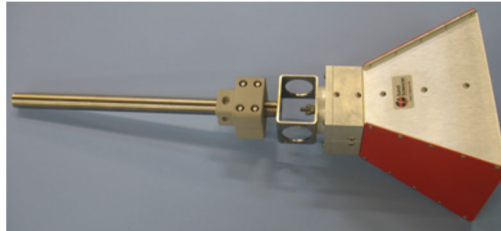
SunAR RF Motion Antenna Positioning Towers feature innovative design and manufacturing concepts that result in great ruggedness, durability and performance at a competitive price.

Pictured:

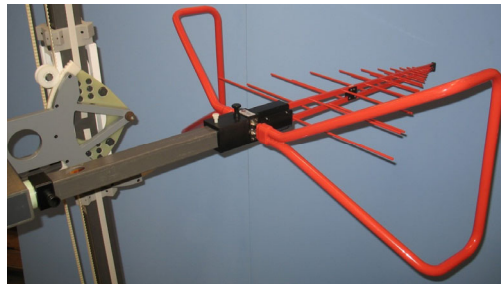
- Automated height, tilt, and polarization control
- EUT distance: 1 m (worst case)
- Calibration point height: 4m
- Tower height: 15' 3"
- Taller towers for larger antennas available (contact us)

Arbitrary setup parameters

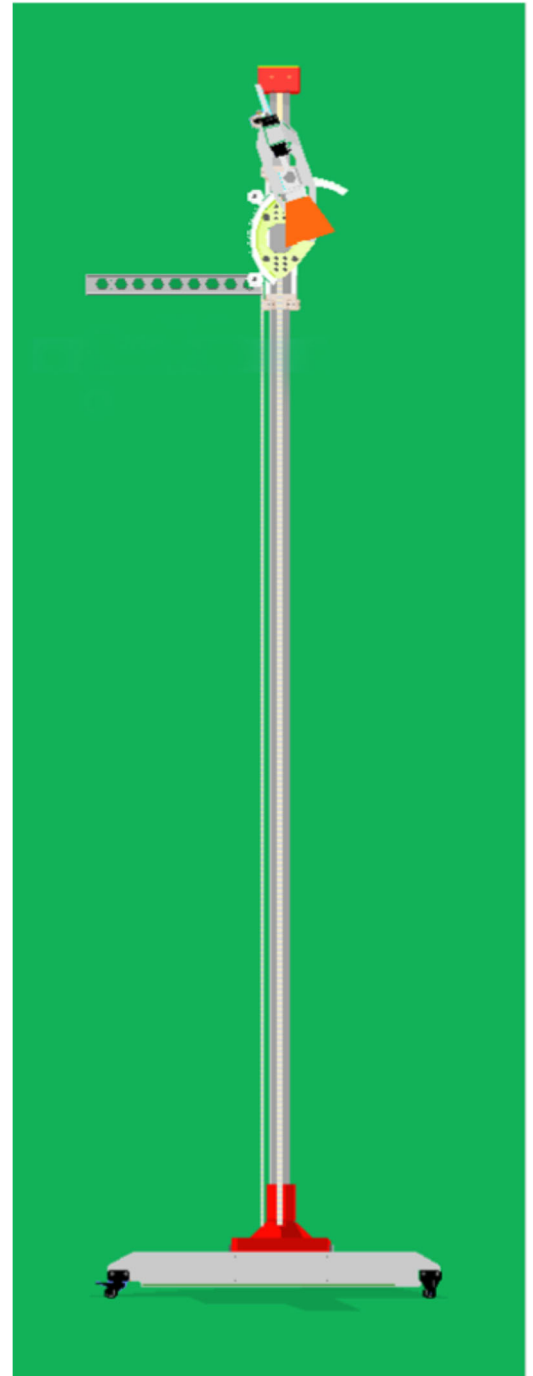
- EUT distance
- Bore-sight initiation height



- Fast & convenient antenna mounting
- Snap mount for horn antennas



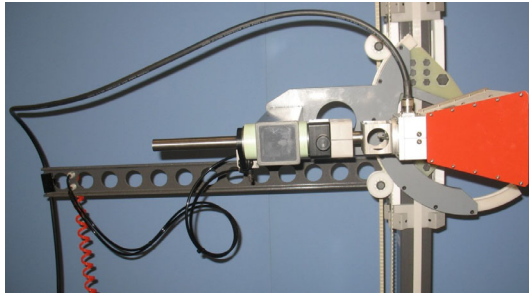
- Snap and conventional mount for other antennas
- Minimum height towers bore-sight with horn antennas only


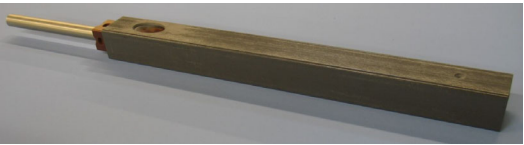

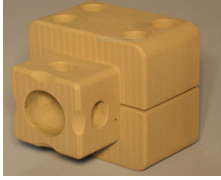


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Specifications

- Cable & hose strain relief

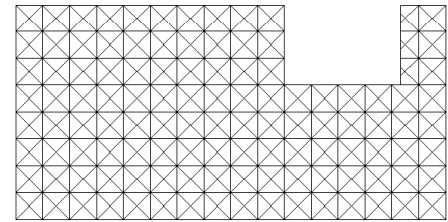
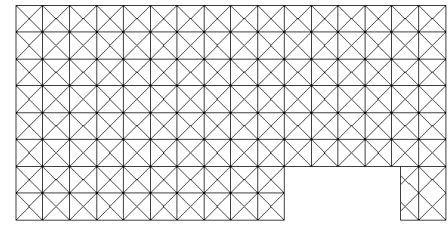
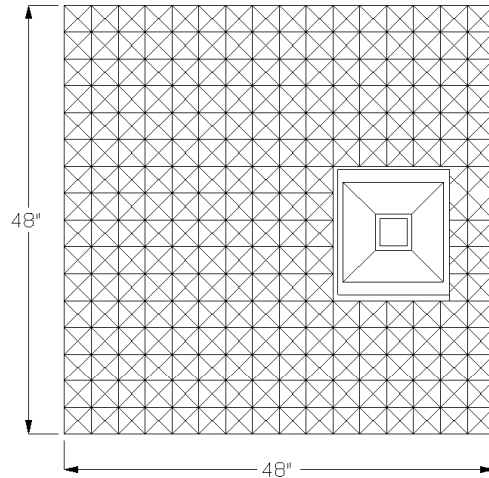


STANDARD EQUIPMENT & ACCESSORIES			
ITEM	STANDARD	AVAILABLE	
HORN MOUNT	1	X	
SNAP BOOM	1	X	
SNAP! MOUNT		X	
SNAP ADAPTOR	1 (ON HORN MNT)	X	

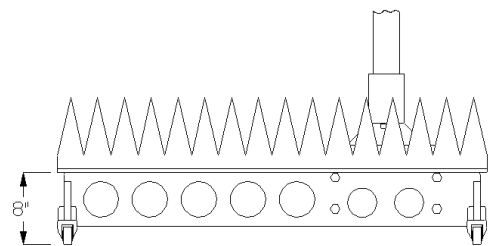
- Convenient implementation of ANSI C63.4-2014 where required
- Low & flat layout of base components for easy installation of broadband or laminated radar absorbers
- Standard base dimensions for 24"x24" absorber units
- Customer defined base dimensions available
- Panel-mounted absorbers available

**TLT3
Bore-Sight Antenna-
Positioning Tower**

Specifications



EXAMPLE OF PANELS WITH 8" BROADBAND ABSORBERS



PARAMETER	STANDARD		REMARKS
Minimum Chamber Clearance	EUT Distance	Clearance	Minimum tower heights for bore-sight operation using horn antennas only.
	3M 1M	14' 10" (4.5M) 15' 3" (4.65M)	
Parameters	EUT Distance: 1M, 3M, 5M, 10M Bore-sight Initiation Height: .95 to 4M		No mechanical changes required. Resolution = 1CM.
Precision	Height: ±1CM Bore-sight: ±1°		
Load Capacity In Bore-Sight Mode	12 LB (5.5 KG)		
Load In Capacity In Non-Boresight Mode	25 LB (11.4 KG)		

Model	Antenna Type	Tower Height	Maximum Level Boresight Height	Supply Voltage	Additional Features
TLT3	Dual Ridge Horn	15' 3" (4.65m)	13' 1" (4m)	115VAC	
TLT3M1	Hybrid (JB-series)	16' 3" (4.95m)	13' 1" (4m)	115VAC	
TLT3M2	Standard Gain Horn		15'7" (4.75m)	115VAC	No Automated Polarization, Custom Antenna Mount, Hand-held Remote