

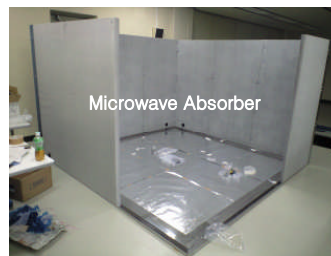
Light Weight Anechoic Chamber & Shield Tent

OLTUS portable shield rooms consists of a new material: Polyester cloth coated with soft magnetic material by our proprietary process. This cloth blocks frequencies between 100 KHz and 10 GHz. As a lightweight and highly portable chamber, it provides over40 dB shielding against cellular phone, wireless LAN, Bluetooth, UWB and RFID signals. Additionally, it is an effective anechoic chamber for testing antennas and RF modules.

< Light Weight Anechoic Chamber >



Light Anechoic Chamber for Mobile R&D 2.4m×2.4m



Small Chamber for UHF-RFID R&D

Product No.	MSR-PY
Absorb Frequency	300MHz ~ 10GHz
Shield Frequency	100KHz ~ 10GHz
Standard Size (W * L * H)	2.4 m * 2.4 m * 2 m, 1.8 m * 1.8 m * 2 m, 1.8 m * 0.9m * 0.9m Size as requested
Materials	EM Shield Cloth, RF Absorber Panel, Al. Sheet Floor

<Shield Tent>

1. Double layered tent can achieve -40 dB shielding (MST-PY)
2. Easy set up, small storage space
3. Size and specification as requested.



Shield Tent 2.4 m * 2.4 m
MST-PY



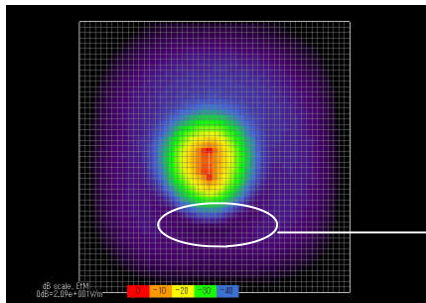
UHF-RFID Shield 2.4 m * 2.4 m
MST-PXF

Product No.	MST-PY	MST-PXF
Shield Frequency	100 KHz - 10 GHz (-40 dB)	500MHz ~ 5GHz (-30 dB)
Characteristics	High Shield performance (-40 dB) Magnetic Wave Shield (-20 dB)	Air permeability & Translucent
Standard Size (W * L * H)	2.4 m * 2.4 m * 2 m, 1.8 m * 1.8 m * 2 m, 1 m * 1 m * 1.5 m Size as requested	
Materials	Shield Cloth, Frame, Al. Sheet Floor To be Provided without frame	

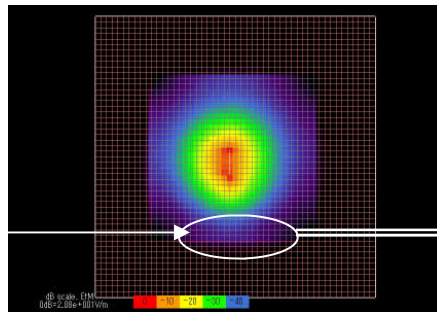
Light Weight Anechoic Chamber & Shield Tent

<Simulation in the Chamber (300MHz)>

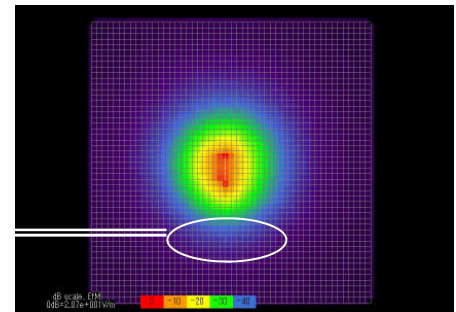
(Simulated by FDTD method)



Metal Box 1 m * 1 m * 1 m

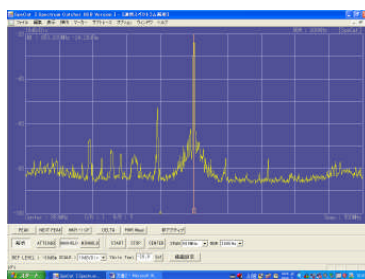


With RF absorber wall MS-F10

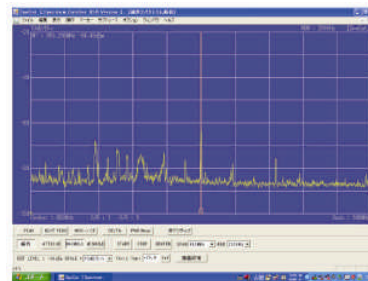


Free Space

<Shield Performance MST-PY (UHF 1W)>



Opened



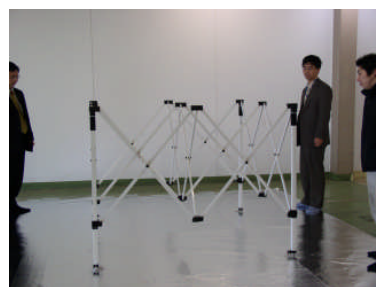
Closed

<Photos>

Values in graph are measured values and not guaranteed.



Al. Sheet Floor



Al. Frame



Cable Vent



Ceiling



Inner Tent



Overall view

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