



PRASAR BHARATI  
(Broadcasting Corporation of India)  
Research Department  
All India Radio & Doordarshan  
14-B I. P. Estate, Ring Road  
New Delhi-110002.



सत्यं ज्ञानं कृतार्थं

Group Acoustics Lab

Testing Date: 13.01.10

**Test Report No. 25/09-10**

Description of Test Specimen:

Manufacturer/Client: **A L P OVERSEAS PVT. LTD.**

Sample Name: **Accosound**

Test Combination **12.5mm Gyp. Board+50mm Accosound(175Kg/m<sup>3</sup>)+  
12.5mm Gyp. Board**

Test Surface Area **1.95 m<sup>2</sup> (72" x 42")**  
Thickness: **50 mm**

Description of Laboratory:

Volume of RT Room: **151.10 m<sup>3</sup>**

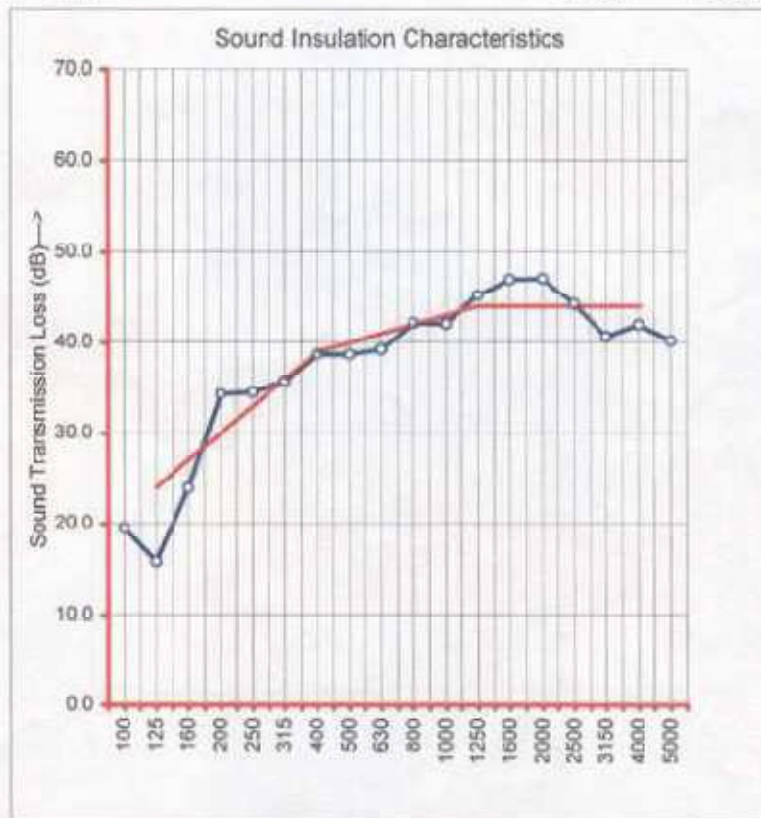
Volume of RX Room: **60 m<sup>3</sup>**

Temperature: **16 °C**

Humidity: **60 %**

Type of Noise: **Pink**

Using **NORSONIC ANALYSER**



Legends:	
—	Ref. Curve of STC 40
—	Actual Curve

**STC 40**

**MEASURED DATA:**

Fre. (Hz)	100	125	160	200	250	315	400	500	630	800	1k	1.25k	1.6k	2k	2.5k
TL (dB)	19.50	15.80	23.90	34.30	34.50	35.70	38.70	38.70	39.20	42.10	42.00	45.20	47.00	47.10	44.20
Fre. (Hz)	3.15k	4k	5k												
TL (dB)	40.60	41.90	40.20												

Method of Measurement:

IS:9901-III/ ISO 140-3/ ASTM 90E,413

*Sharma*  
18.1.10  
Asstt. Engr.

सहायक अभियन्ता  
अनुसंधान विभाग  
प्रासारवाणी एवं दूरदर्शन