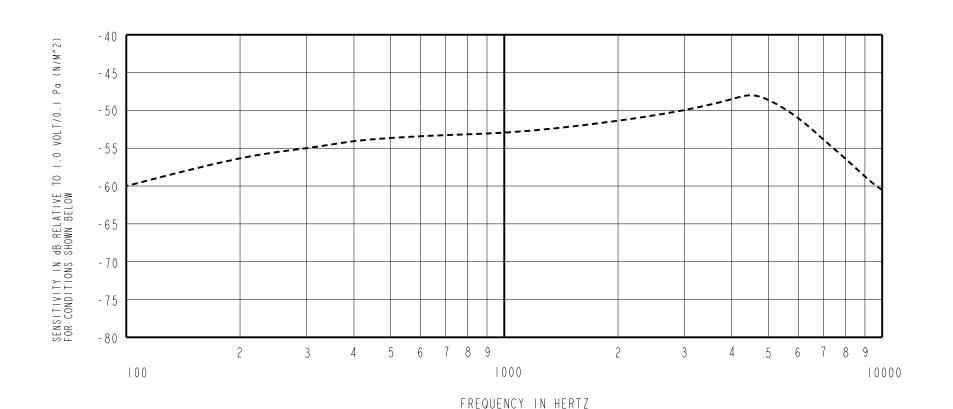
FB-F0-25581-000 SHT I.I  $\emptyset$  5,9 $\pm$ 0,1 BRASS HOUSING- $[.232 \pm .004]$ -BLACK POLYURETHANE SHRINK COVER BLACK CHROME FINISH ON FLEXI-SET BOOM -WIRF 28 AWG TEFLON COATED NYLON INSERT NUT STAINLESS STEEL MESH-SPEC: BS 2G 210 AND WASHERS (2mm STRIPPED AND TINNED ENDS, LEAD FREE) M6 x Imm  $\emptyset$  8,64 $\pm$ 0,02  $3,78\pm0,05$ [.|49±.002]  $[.340 \pm .001]$  $26,4\pm0,5$  $10,5\pm0,2$  $[1.04\pm.02]$  $[.4|3\pm.008]$  $130 \pm 12$  $|5| \pm |5|$  $[5.12\pm.51]$  $[5.9 \pm .6]$ WIRE COLOR WEIGHT GRAMS SCREEN OUTPUT + v e - v e WHITE RFD BLACK GREEN 29.1 Revision C.O. # Implementation Date RELEASE LEVEL REVISION Active DIMENSIONS IN MILLIMETERS [INCHES] C40100632 4-2|-|| D SCALE: DR. BY 1:1 **KNOWLES ELECTRONICS** SDZ 5-22-07 DO NOT SCALE DRAWING CK. BY DATE ITASCA, ILLINOIS U.S.A. BOOM MICROPHONE|FB-F0-25581-000 TITLE: GJP 6-05-07 APP. BY DATE SHT I.I OUTLINE DRAWING

GJP

6-05-07

SHEET 2.1



SENSITIVITY						
FREQUENCY	MIN	NOM	MAX			
100		-60.0				
1000	-56.0	-53.0	-50.0			
3500-5500		- 48.5				

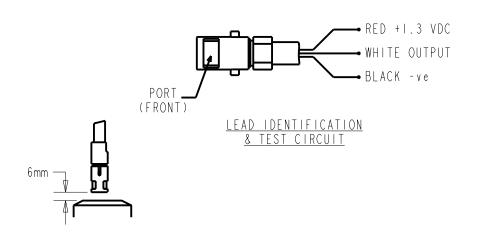
DEVICE CONFORMITY RANGE OF DEVIATION FROM IKHZ

- | | . 0 +4.0 0.0 0.0 + | . 5 +7.5

## NOTES:

- MICROPHONE TO BE FUNCTIONAL WITH 10 VDC SUPPLY.
- SENSITIVITY VALUES INDICATED ON THIS SPECIFICATION ARE VALID AT 50% HUMIDITY.
- TEST CONDITIONS: HEAD OF BOOM EXPOSED TO 94 dBSPL SWEPT SOUND FIELD AT 6mm FROM VOICE APERTURE. ARTIFICIAL VOICE:

  B & K 4227 MOUTH SIMULATOR.
- 4. FOR MICROPHONE CAPSULE SPEC. SEE EK-23024-000 SHEET 2.1



Revision	C.O. #	Implementation Date	RELEASE LEVEL		REVISION
			Active D		_
				/e    )	
D	C40100632	4 - 2   -			D
WHEN TEST I	IMITS ADE IIS	SED TO ESTABLISH INCOMING	INSPECTION ACCEPTANCE /DE JECTION	DR RY	DATE

5-22-07

**KNOWLES ELECTRONICS** ITASCA, ILLINOIS U.S.A.

WHEN TEST LIMITS ARE USED TO ESTABLISH INCOMING INSPECTION ACCEPTANCE/REJECTION | DR. BY CRITERIA, CORRELATION OF TEST EQUIPMENT WITH KNOWLES IS ALSO REQUIRED FOR | SDZ

			CK. BY	DATE
TITLE:	BOOM MICROPHONE	FB-F0-25581-000	GJP	6-05-07
	BOOM MICHOI HOME	. 6 . 6 . 2000 000	APP. BY	DATE
	PERFORMANCE SPECIFICATION	SHT 2.1	GJP	6-05-07