

235 kHz-G

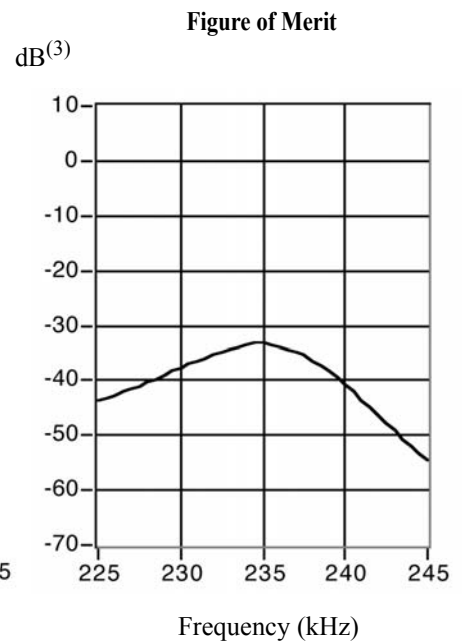
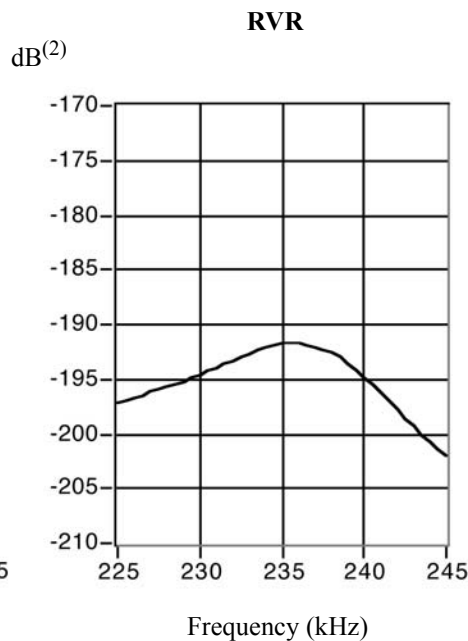
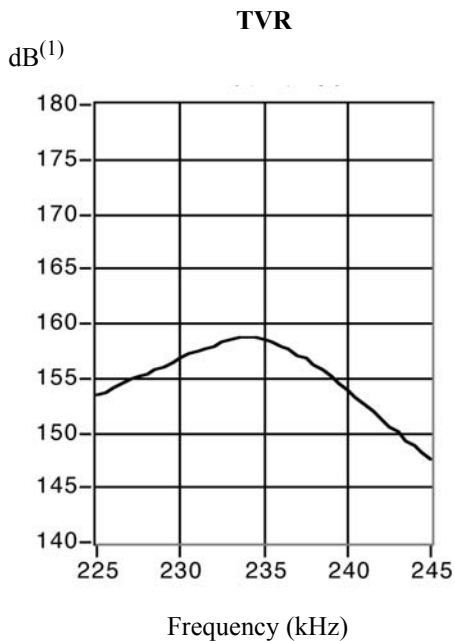
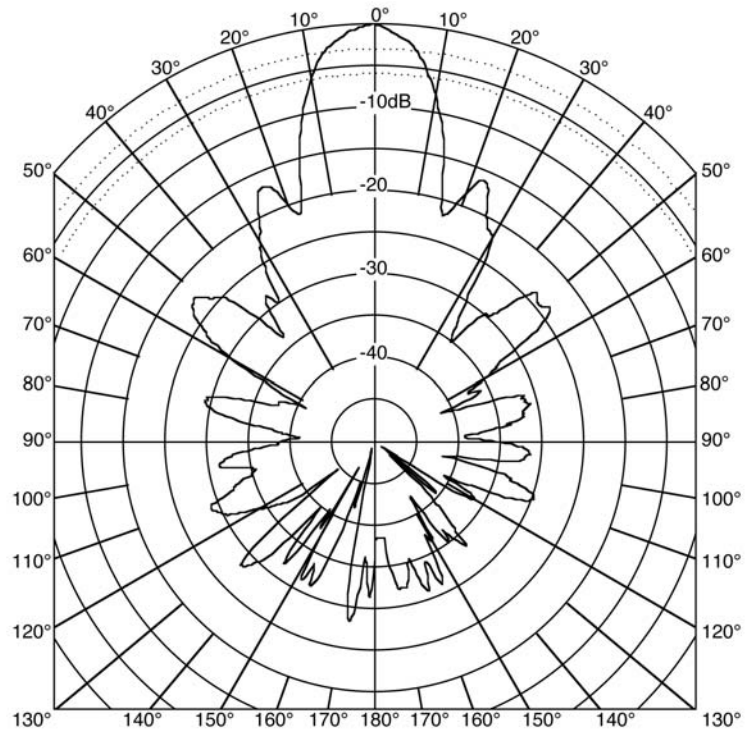
Power rating: 200 W
 23mm (.92") PZT
 Active Area: 4.2cm²
 Layered Plastic Epoxy Window
 Beamwidth:
 -3dB: 14°
 -6dB: 19°
 -10dB: 24°

Directivity Index: 21.4
 Frequency Tolerance: ±5 kHz
 Peak TVR⁽¹⁾, nominal: 159 dB
 Peak TVR⁽¹⁾, minimum: 157 dB
 Q (transmit): 23
 Peak Source Level⁽⁴⁾: 211 dB
 Peak RVR⁽²⁾, nominal: -192 dB
 Peak Figure of Merit⁽³⁾: -33 dB

Notes:

- (1) dB re 1 μPa per volt at 1 meter
- (2) dB re 1 volt per μPa
- (3) sum of transmitting voltage response and receiving voltage response
- (4) Nominal peak TVR, rated power, and no cavitation

Transmit Radiation Pattern



Technical Data Catalog

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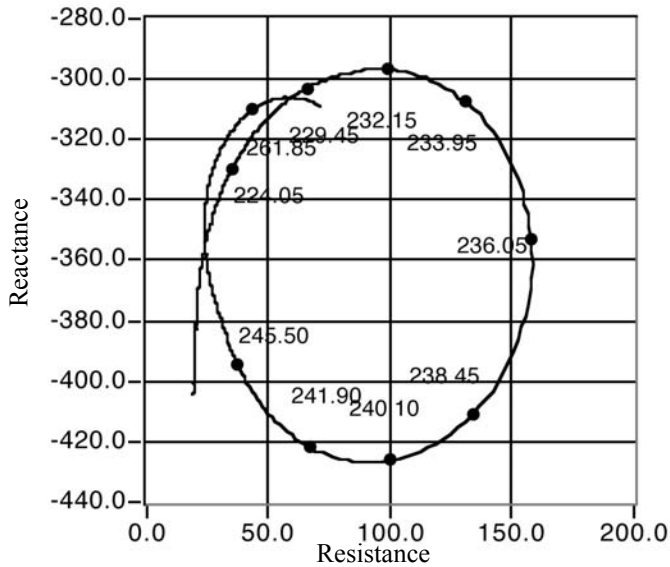
23mm (.92") PZT

Cable Type: C2

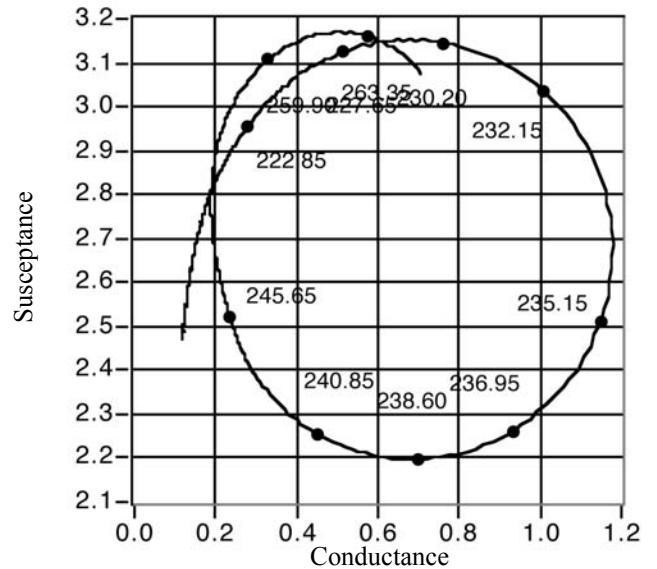
Cable Length: 7.6m (25.0')

Impedance Data		
	Balanced	Unbalanced
Parallel: Rp.	860ohms-20%,+40%	850ohms-20%,+40%
Parallel: Cp. (nominal)	855pF	1720pF
Series [R - jX] (nominal)	395 - j435 ohms	150 - j325 ohms
1 kHz Capacitance	1300pF±20%	2170pF±20%

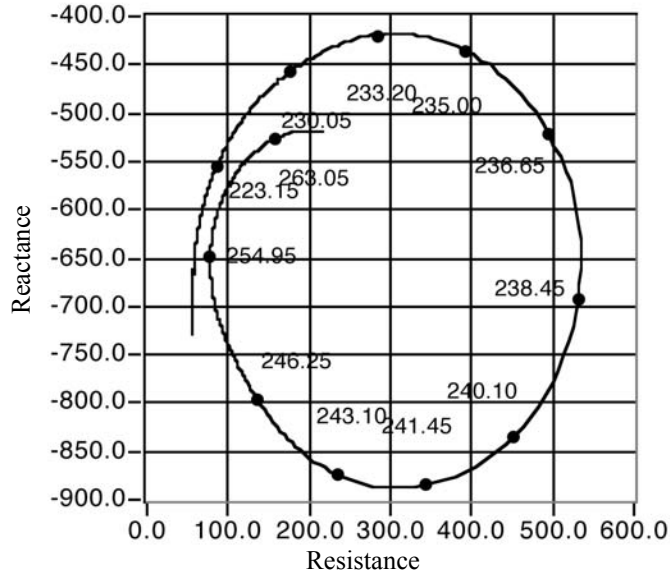
Unbalanced Impedance



Unbalanced Admittance



Balanced Impedance



Balanced Admittance

