

17-278-252 rev. 02

235 kHz – D

Power rating: 600 W_{rms} @ 2% duty cycle
 51 mm (2.0") BT
 Active Area: 20cm²
 Urethane Window

Beamwidth:

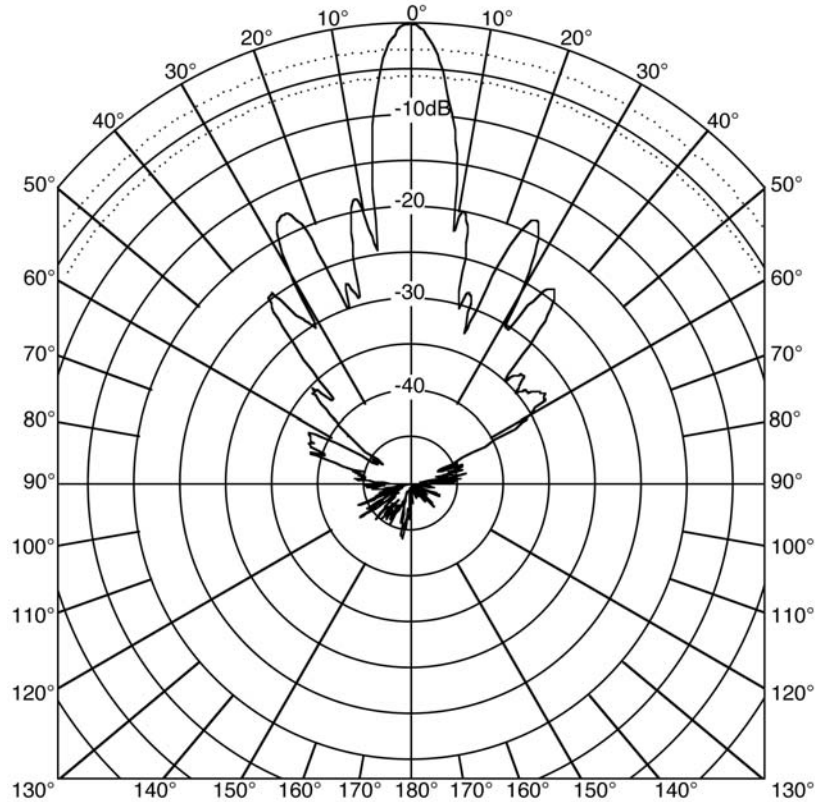
-3dB: 7°
 -6dB: 9°
 -10dB: 12°

Directivity Index: 28.2
 Frequency Tolerance: ±5kHz
 Peak TVR⁽¹⁾, nominal: 169dB
 Peak TVR⁽¹⁾, minimum: 167dB
 Q (transmit): 28
 Peak Source Level⁽⁴⁾: 223dB
 Peak RVR⁽²⁾, nominal: -182dB
 Peak Figure of Merit⁽³⁾: -15dB

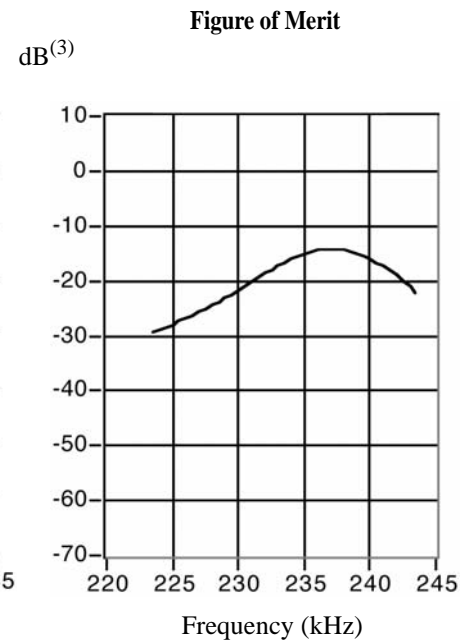
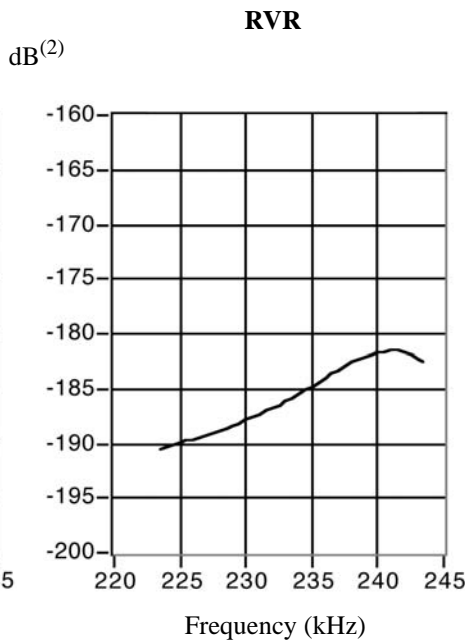
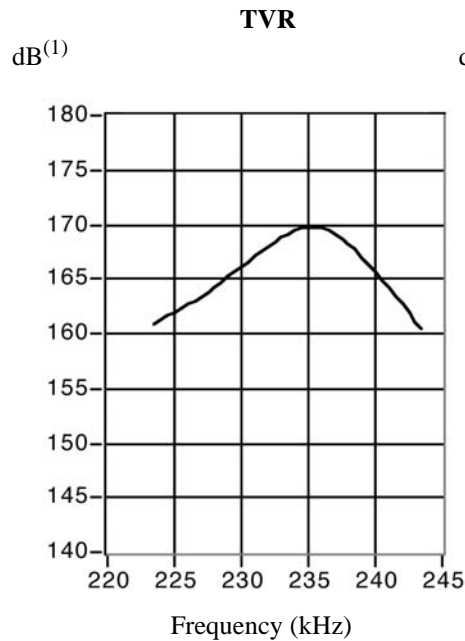
Notes:

- (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



Acoustic Data:Small Tank:Stored Data:235D:Urethane:03DK111001:Test#1:02Sens
 Pattern Data:Small Tank:Stored Data:235D:Urethane:03DK111001:Test#1:06Direct



Technical Data Catalog

17-278-252 rev. 02

235 kHz – D

51 mm (2.0") BT

Cable Type: C13

Cable Length: 9.1 m (30.0')

Impedance Data		
	Balanced	Unbalanced
Parallel: Rp.	255 ohms-20%,+40%	250 ohms-20%,+40%
Parallel: Cp. (nominal)	2270 pF	3000 pF
Series [R – jX] (nominal)	150 – j145 ohms	120 – j130 ohms
1 kHz Capacitance	1590 pF±20%	2350 pF±20%

