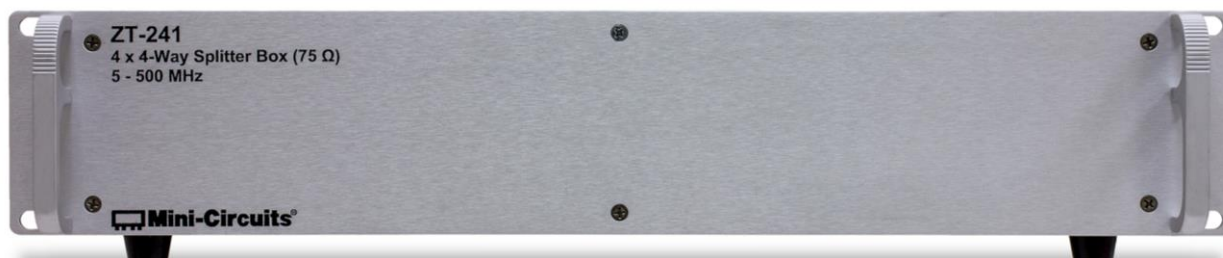


Model	ZT-241		
Application	4X 4 way splitter Box (75Ω)		

### Front Panel



### Rear Panel



### Mechanical Specifications: Outline Drawing 99-01-2348

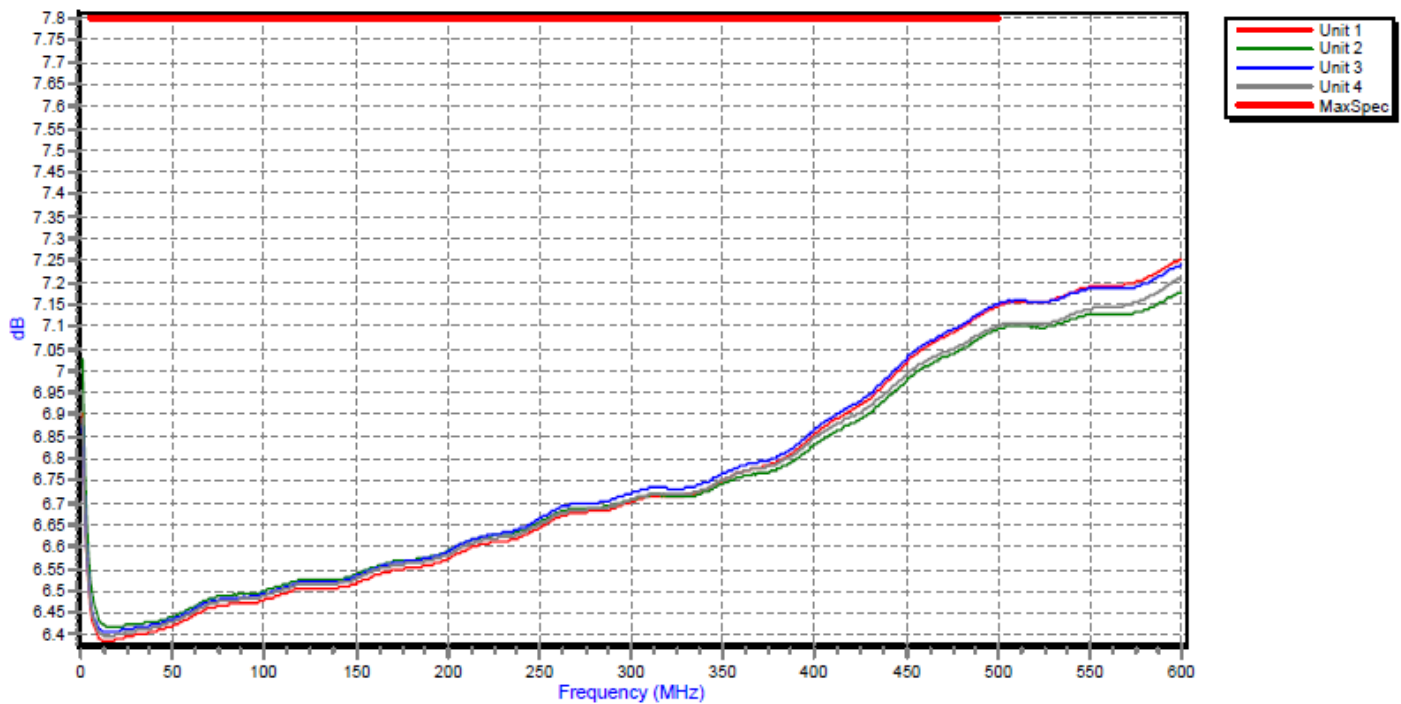
Dimensions	19" (W) x 2U (H) x 13" (D). Rubber feet adds an additional ½" to height.
Front Panel Markings	(a) ZT-241 (b) 4 x 4-Way Splitter Box (75 Ω) (c) 5 - 500 MHz
Rear Panel	(a) 16x BNC-Female from the splitter (b) 4x 75Ω panel mount BNC-Female (c) Input port above output ports as shown in panel drawing (d) Input port marked as S1...S4 (e) Output ports marked as A1...A4, B1..B4, C1..C4, D1..D4

### Electrical Specifications Per Splitter @ 25° C

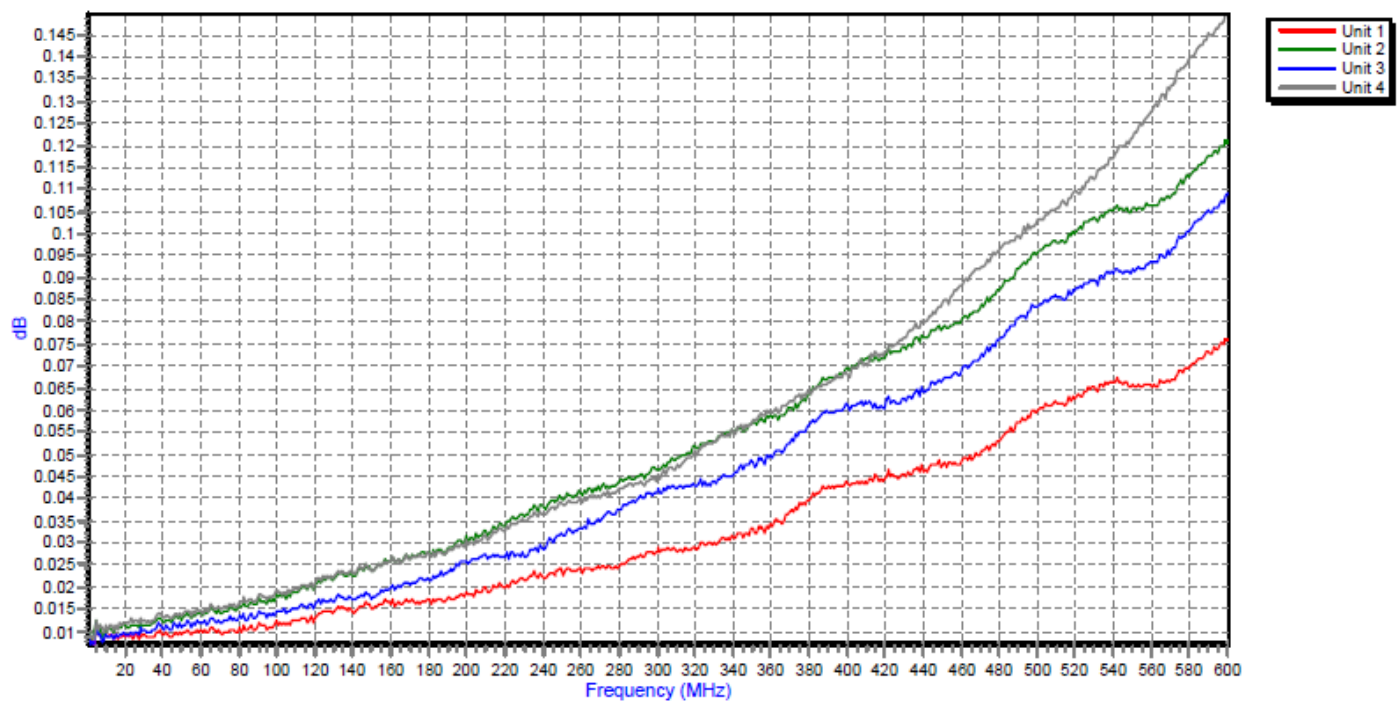
Parameter	Min	Typ	Max	Unit
Frequency	5		500	MHz
Impedance		75		Ohms
Insertion Loss (Above 6dB)		1.0	1.8	dB
Amplitude Unbalance		0.3		dB
Isolation	20	30		dB
Return Loss (All Ports)		13.5		dB
Operating Temp	0		+50	Degrees C

### Electrical Performance

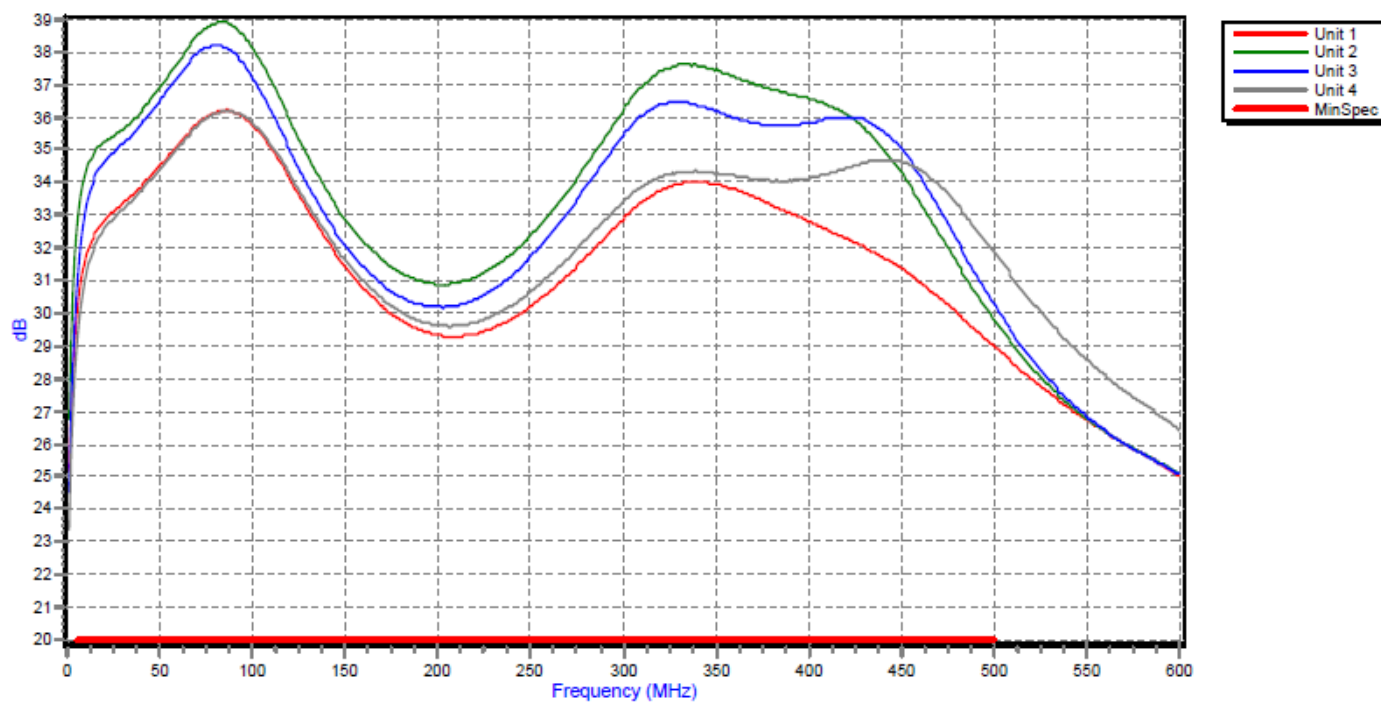
INSERTION LOSS (S-1)



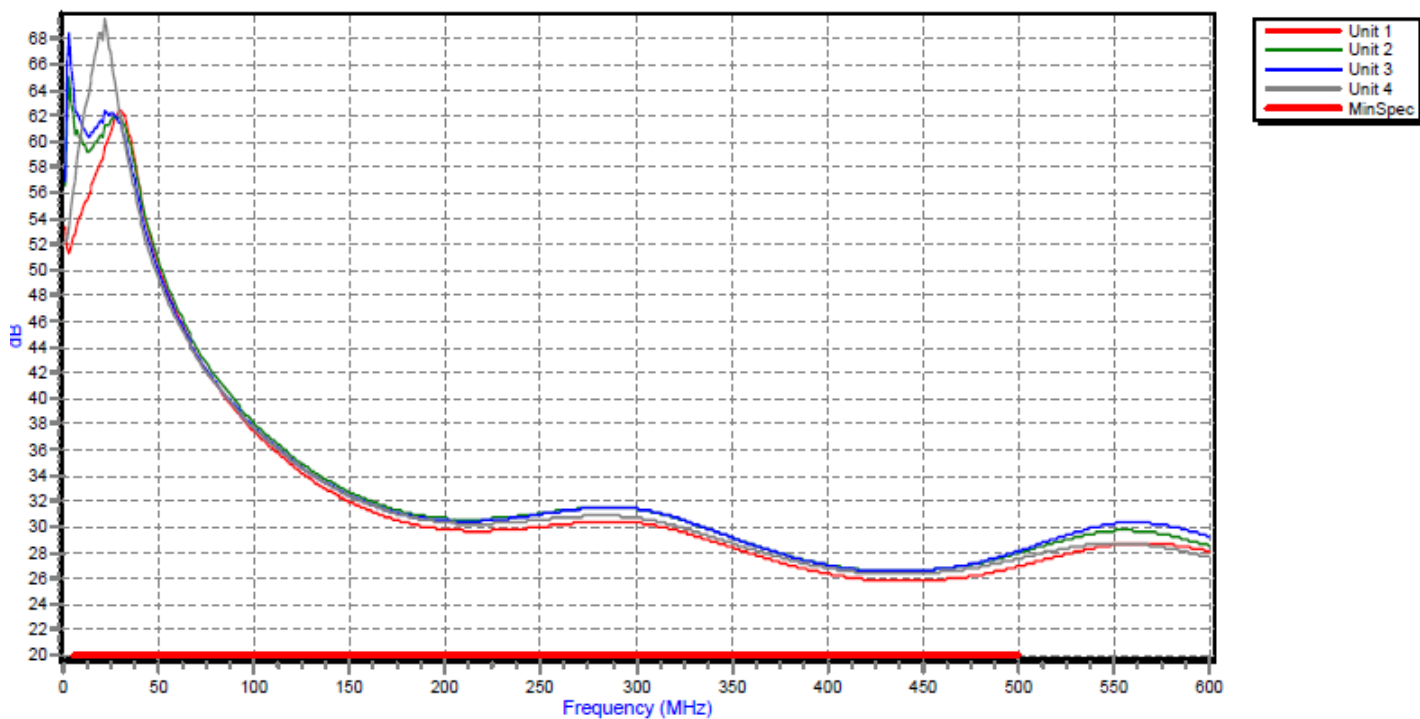
AMPLITUDE UNBALANCE



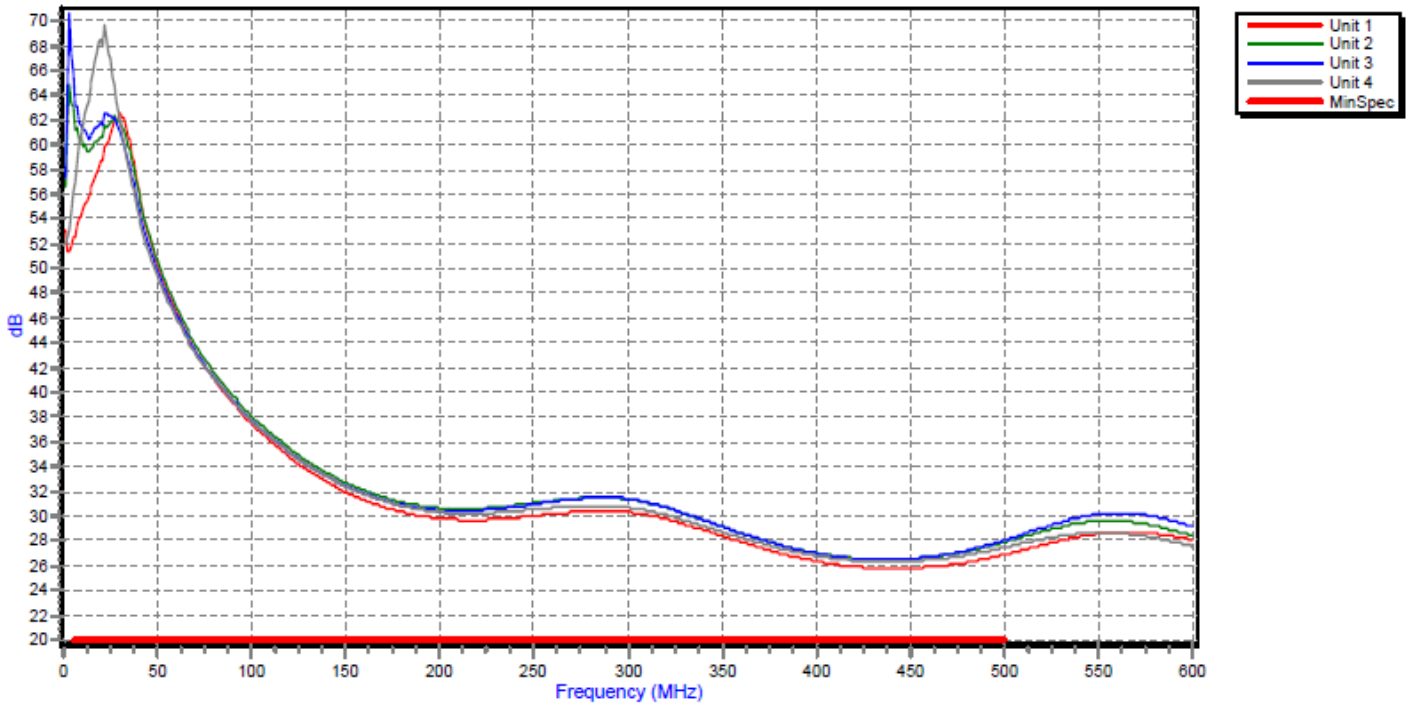
ISOLATION (1-2)



ISOLATION (1-3)



ISOLATION (1-4)



RETURN LOSS (Port-S)

