

GSH1

Russian Tube

Receiver Noise Coefficient Measurement

Specifications		
Name		Value
Cathode Type		Flat, Oxide, Indirect Heating
Envelope		Glass
Filling		Neon
Mass		20g
Frequency Band		4375
Frequency Band Minimum		3400
Frequency Band Maximum		5350
Spectral Concentration Of Noise Power		50kTo
Filament Voltage, V		11.5
Filament Current, A		0.6 to 1.2
Ignition Voltage		5
Anode Current, A		0.12 to 0.15
Tolerance, %		1000%
External Loading Agreement Coefficient		1.2

GSH10

Russian Tube

Receiver Noise Coefficient Measurement

Specifications		
Name		Value
Cathode Type		Direct Heating
Envelope		Glass
Filling		Neon
Mass		40g
Frequency Band		7.6cm
Frequency Band Minimum		3.6cm
Frequency Band Maximum		11.5cm
Filament Voltage, V		6.3
Filament Current, A		1.1
Filament Current, A Minimum		1.07
Filament Current, A Maximum		1.22
Anode Voltage, V		285
Anode Voltage, V Minimum		260
Anode Voltage, V Maximum		310
Anode Current, A		0.15
Tolerance, %		4

GSH102

Russian Tube

Noise Oscillation In Special Equipment

Specifications		
Name		Value
Cathode Type		Oxide, Indirect Heating
Envelope		Superminiature, Glass
Filling		Helium
Mass		20g
Frequency Band		12.5MHz
Frequency Band Minimum		5MHz
Frequency Band Maximum		20MHz
Spectral Concentration Of Noise Power		0.25V/sq.rt.MHz
Filament Voltage, V		6.3
Filament Current, A		0.5
Anode Voltage, V		130
Anode Voltage, V Minimum		120
Anode Voltage, V Maximum		140
Anode Current, A		0.016
Anode Current, A Minimum		0.013
Anode Current, A Maximum		0.018
Tolerance, %		10.5dB

GSH11

Russian Tube

Receiver Noise Coefficient Measurement

Specifications		
Name		Value
Cathode Type		Direct Heating
Envelope		Glass
Filling		Neon
Mass		30g
Frequency Band		3.1cm
Frequency Band Minimum		2.6cm
Frequency Band Maximum		3.6cm
Filament Voltage, V		6.3
Filament Current, A		1.1
Filament Current, A Minimum		1.07
Filament Current, A Maximum		1.22
Anode Voltage, V		285
Anode Voltage, V Minimum		260
Anode Voltage, V Maximum		310
Anode Current, A		0.15
Anode Current, A Minimum		0.145
Anode Current, A Maximum		0.155
Tolerance, %		4
External Loading Agreement Coefficient		1.2

GSH13

Russian Tube

Application In Uhf Systems Control Devices

Specifications		
Name		Value
Cathode Type		Cold
Envelope		Metal-Ceramic, Coaxial Output
Mass		220g
Frequency Band		7550MHz
Frequency Band Minimum		100MHz
Frequency Band Maximum		15000MHz
Spectral Concentration Of Noise Power		91.2dB
Spectral Concentration Of Noise Power Minimum		88dB
Spectral Concentration Of Noise Power Maximum		94.4dB
Tolerance, %		2.50%

GSH16

Russian Tube

Oscillation Of Uhf Noise Signal

Specifications		
Name		Value
Cathode Type		Indirect Heating
Envelope		Metal-Ceramic, Waveguide Output
Mass		3000g
Frequency Band		8.8GHz
Frequency Band Minimum		7.7GHz
Frequency Band Maximum		9.93GHz
Spectral Concentration Of Noise Power		45dB
Filament Voltage, V		6.3
Filament Current, A		1
Tolerance, %		4dB
External Loading Agreement Coefficient		2

GSH2

Russian Tube

Receiver Noise Coefficient Measurement

Specifications		
Name		Value
Cathode Type		Flat, Oxide, Indirect Heating
Envelope		Glass
Filling		Neon
Mass		20g
Frequency Band		2.9 to 4.0cm
Spectral Concentration Of Noise Power		59 to 70kTo
Filament Voltage, V		11.5
Filament Current, A		1.4
Ignition Voltage		5kV
Anode Current, A		0.12 to 0.15
Tolerance, %		10
Twr		0.8

GSH3

Russian Tube

Receiver Noise Coefficient Measurement

Specifications		
Name		Value
Cathode Type		Flat, Oxide, Indirect Heating
Envelope		Glass
Filling		Neon
Mass		20g
Frequency Band		13.5cm
Frequency Band Minimum		9cm
Frequency Band Maximum		18cm
Spectral Concentration Of Noise Power		62.5kTo
Spectral Concentration Of Noise Power Minimum		55kTo
Spectral Concentration Of Noise Power Maximum		70kTo
Filament Voltage, V		11.5
Filament Current, A		1
Filament Current, A Minimum		0.6
Filament Current, A Maximum		1.4
Anode Voltage, V		275
Anode Voltage, V Minimum		200
Anode Voltage, V Maximum		350
Anode Current, A		0.17A
Anode Current, A Minimum		0.14A
Anode Current, A Maximum		0.2A
External Loading Agreement Coefficient		1.2

GSH5

Russian Tube

Receiver Noise Coefficient Measurement

Specifications		
Name		Value
Cathode Type		Direct Heating
Envelope		Glass
Filling		Neon
Mass		20g
Frequency Band		2.1cm
Frequency Band Minimum		1.16cm
Frequency Band Maximum		2.96cm
Filament Voltage, V		6.3
Filament Current, A		0.475
Filament Current, A Minimum		0.4
Filament Current, A Maximum		0.55
Ignition Voltage		1.8kV
Ignition Voltage Minimum		1kV
Ignition Voltage Maximum		2.5kV
Anode Voltage, V		207.5
Anode Voltage, V Minimum		190
Anode Voltage, V Maximum		225
Anode Current, A		0.07
Tolerance, %		10
External Loading Agreement Coefficient		1.25

GSH5A

Russian Tube

Oscillation Of Wide-Band Noise Signal In Waveguide Generator Section

Specifications		
Name		Value
Cathode Type		Direct Heating
Envelope		Metal-Glass
Filling		Argon
Frequency Band		18.9GHz
Frequency Band Minimum		12GHz
Frequency Band Maximum		25.85GHz
Filament Voltage, V		6.3
Filament Current, A		0.5
Filament Current, A Minimum		0.5
Filament Current, A Maximum		0.5
Ignition Voltage		2
Anode Voltage, V		77.5
Anode Voltage, V Minimum		65
Anode Voltage, V Maximum		90
Anode Current, A		0.11
Anode Current, A Minimum		0.108
Anode Current, A Maximum		0.112
Tolerance, %		3
External Loading Agreement Coefficient		1.25

GSH6

Russian Tube

Receiver Noise Coefficient Measurement

Specifications		
Name		Value
Cathode Type		Direct Heating
Envelope		Glass
Filling		Neon
Mass		20g
Frequency Band		0.875cm
Frequency Band Minimum		0.57cm
Frequency Band Maximum		1.18cm
Filament Voltage, V		6.3
Filament Current, A		0.475
Filament Current, A Minimum		0.4
Filament Current, A Maximum		0.55
Ignition Voltage		1.4kV
Ignition Voltage Minimum		0.8kV
Ignition Voltage Maximum		2kV
Anode Voltage, V		192.5
Anode Voltage, V Minimum		175
Anode Voltage, V Maximum		210
Anode Current, A		0.06
Tolerance, %		10
External Loading Agreement Coefficient		1.25

GSH6A

Russian Tube

Oscillation Of Wide-Band Noise Signal In Waveguide Generator Section

Specifications		
Name		Value
Cathode Type		Direct Heating
Envelope		Metal-Glass
Filling		Argon
Frequency Band		39.4GHz
Frequency Band Minimum		25.85GHz
Frequency Band Maximum		53GHz
Filament Voltage, V		6.3
Filament Current, A		0.425
Filament Current, A Minimum		0.35
Filament Current, A Maximum		0.5
Ignition Voltage		2
Anode Voltage, V		77.5
Anode Voltage, V Minimum		65
Anode Voltage, V Maximum		90
Anode Current, A		0.1
Tolerance, %		3
External Loading Agreement Coefficient		1.3