Waveguide Termination
1.45-2.2GHz

Features

- Full band operation
- Low VSWR
- Rugged mechanical configuration

Typical Applications

- Transceivers
- Test setups
- Instrumentation
- Subsystems

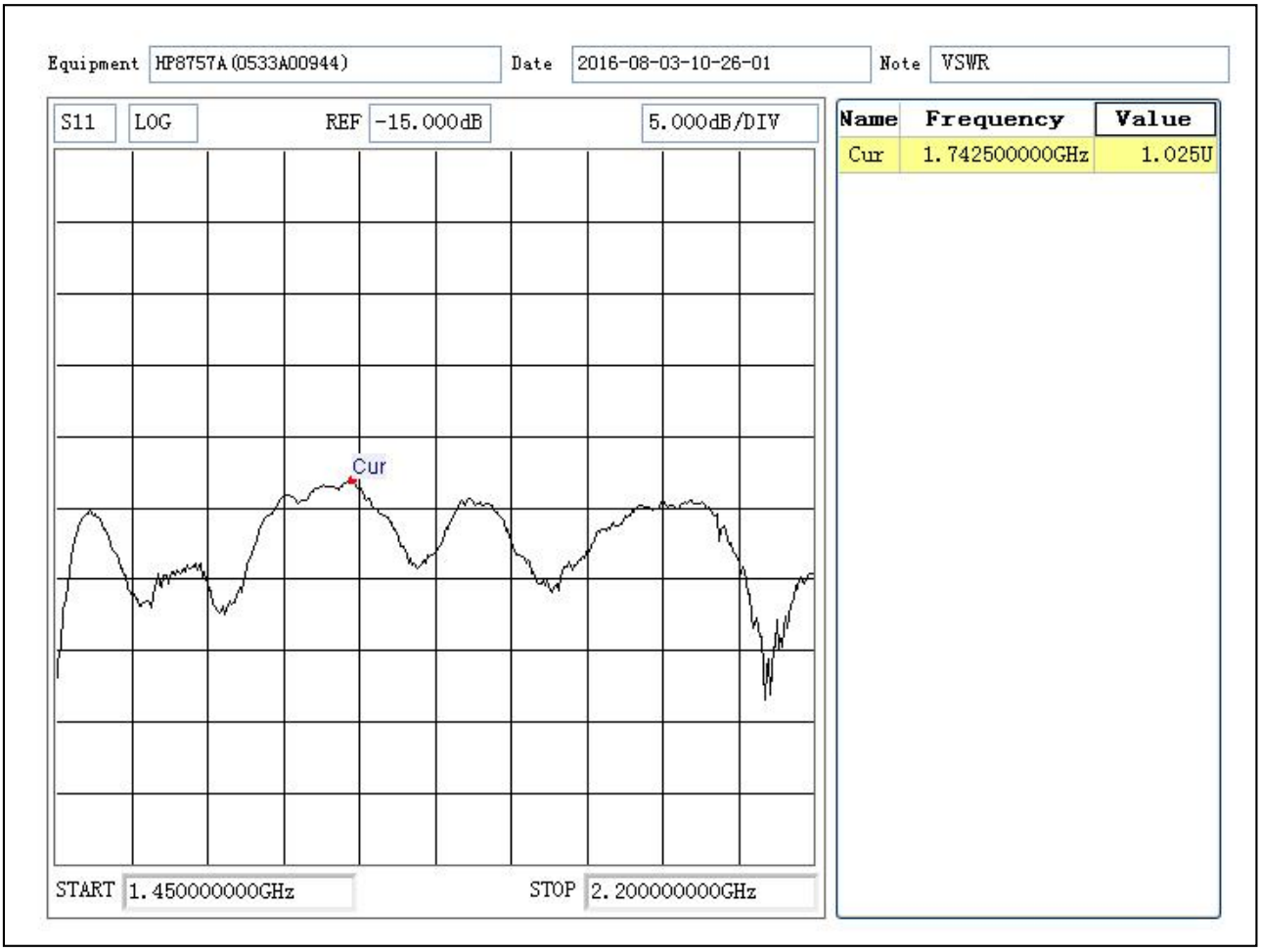
Electrical Specifications, TA=25°C

Parameters	Min	Typ	Max	Units
FREQ RANGE	1.45		2.2	GHz
VSWR			1.03	
Connector				
Degree				
Waveguide		WR510		
Flange Type				
Material				

Reliability Test Matrix

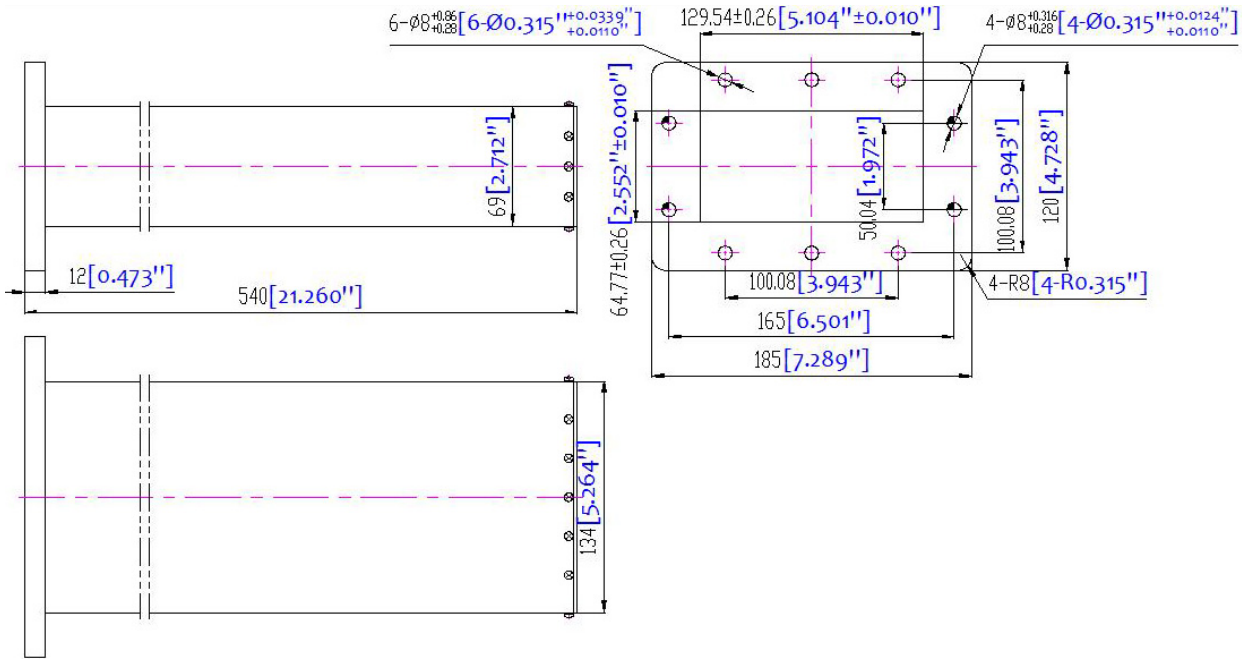
Item	Standard	Description
Operation Temperature	MIL-STD-39016	-45°C~+85°C
Storage Temperature		-55°C~+125°C
Thermal Shock		1 Hour. -45°C; 1 Hour +85°C, 5 Cycles
Random Vibration		acceleration Spectrum Density 6 (m/s) , Total Root mean square root 92.6
Electrical & Temperature Burn In		Temperature +85°C 72 Hours
Shocking		1.Weight>20g, 50g half Sine wave for 11ms, Speed variation 3.44m/s 2.Weight≤20g, 100g Half Sine wave for 6ms, Speed variation 3.75m/s 3.6 Shocking Direction, 3 times each direction. Total 18 times.
Altitude		Standard Part: 30,000 Ft (Epoxy Sealed Controlled Environment) Hermetically Sealed Part (Optional) 60,000 Ft 1.0 PSI min
Hermetical Seal(Optional)	MIL-STD-883	MIL-STD-883(For Hermetical Seal Unit Only)

VSWR:


Equipment HP8757A(0533A00944)
Date 2016-08-03-10-26-01
Note VSWR
S11
LOG
REF -15.000dB
5.000dB/DIV
Cur
START 1.450000000GHz
STOP 2.200000000GHz
Name Frequency Value
Cur 1.742500000GHz 1.025U

Outline Drawing:

All Dimensions in mm [inches]



The tolerance noted is just for reference

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