

Imported SMA (M) Terminations, 2W



Frequency: DC ~ 26.5 GHz

P/N: IHP-??-2.. Series



Impedance : 50 Ω

Operating Temp : -55°C ~ 85°C

Ordering Code	Frequency (GHz)	VSWR (max)	Figure	Average Power (W)	Peak Power (kW)	Connector
IHP-S2-2-6-S	DC-6	1.10	Fig 1	2 ¹⁾	0.25kW (5us pulse width, 0.4% duty cycle)	SMA(M)
IHP-S2-2-12.4-S	DC-12.4	1.25	Fig 1	2 ¹⁾	0.25kW (5us pulse width, 0.8% duty cycle)	SMA(M)
IHP-S1-2-18-S	DC-18	1.20	Fig 1	2 ¹⁾	0.25kW (5us pulse width, 0.4% duty cycle)	SMA(M)
IHP-S1-2-26.5-S	DC-26.5	1.30	Fig 2	2 ¹⁾	0.25kW (5us pulse width, 0.4% duty cycle)	SMA(M)

1) Average Power at 25°C ambient temperature, derated linearly to 0.2W @125°C

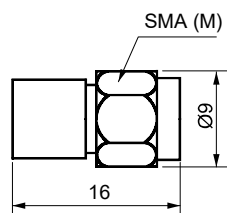


Fig 1

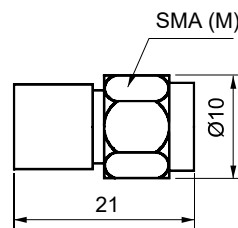


Fig 2

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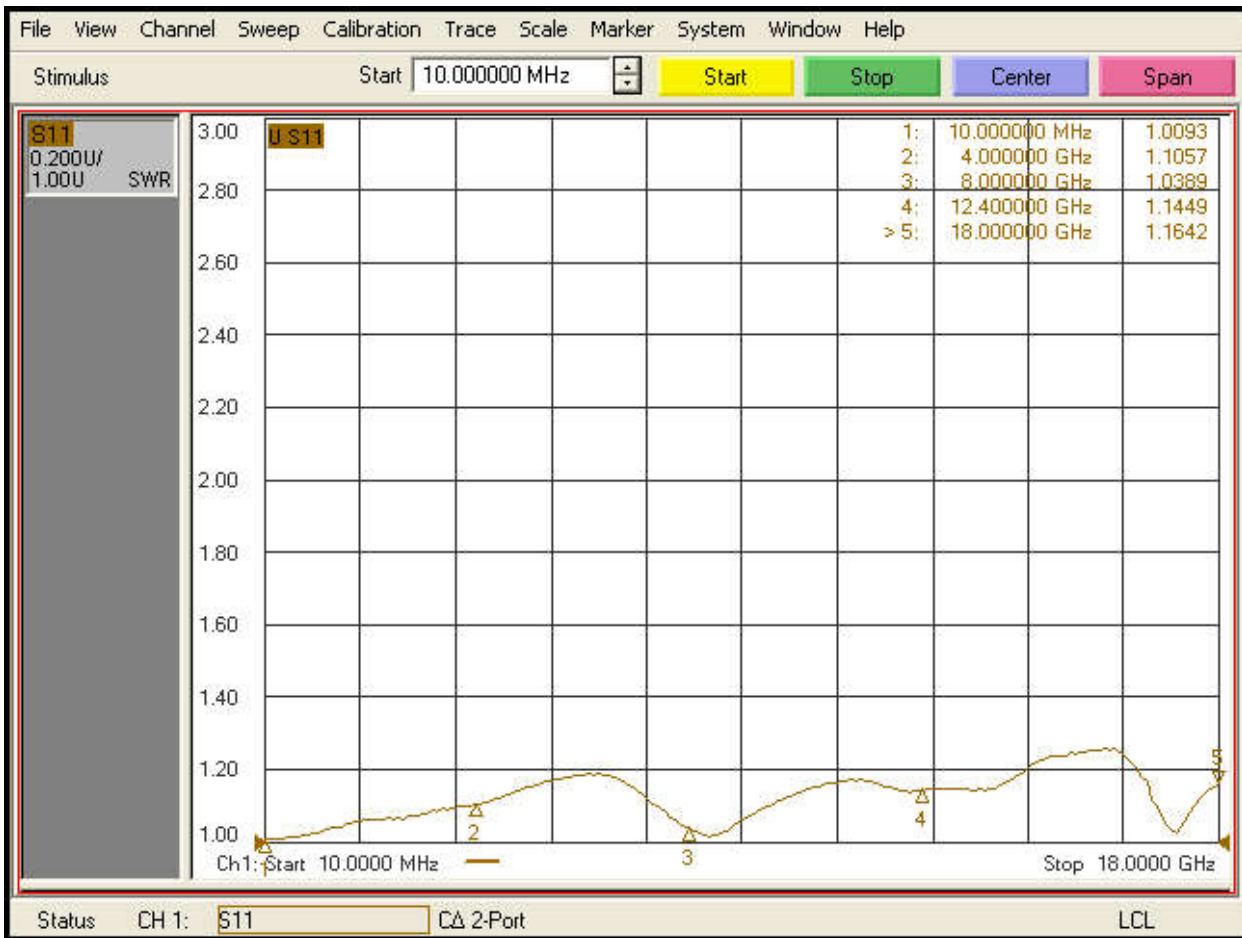
Imported SMA (M) Terminations, 2W



Frequency: DC ~ 26.5 GHz

P/N: IHP-??-2.. Series

VNA Plot for IHP-S1-2-18-S, Termination (2W/18GHz)



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Imported SMA (M) Loads, 5W



Frequency: DC ~ 26.5 GHz

P/N: IHP-??-5.. Series



Impedance : 50 Ω

Operating Temp : -55°C ~ 85°C

Ordering Code	Frequency (GHz)	VSWR (max)	Figure	Average Power (W)	Peak Power (kW)	Connector
IHP-T4-3-S	DC-3	1.15	Fig 2	5 ¹⁾	0.5kW (5us pulse width, 1% duty cycle)	SMA(M)
IHP-S1-5-6-S	DC-6	1.10 @ 3 GHz 1.15 @ 6 GHz	Fig 1	5 ¹⁾	0.5kW (5us pulse width, 1% duty cycle)	SMA(M)
IHP-S1-5-12.4-S	DC-12.4	1.20	Fig 1	5 ¹⁾	0.5kW (5us pulse width, 1% duty cycle)	SMA(M)
IHP-S1-5-18-S	DC-18	1.25	Fig 1	5 ¹⁾	0.5kW (5us pulse width, 1% duty cycle)	SMA(M)
IHP-S1-5-26.5-S	DC-26.5	1.30	Fig 1	5 ¹⁾	0.5kW (5us pulse width, 1% duty cycle)	SMA(M)

1) Average Power at 25°C ambient temperature, derated linearly to 0.5W @125°C

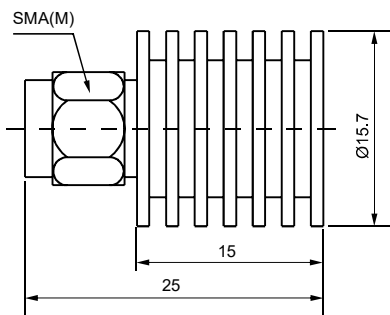


Fig 1

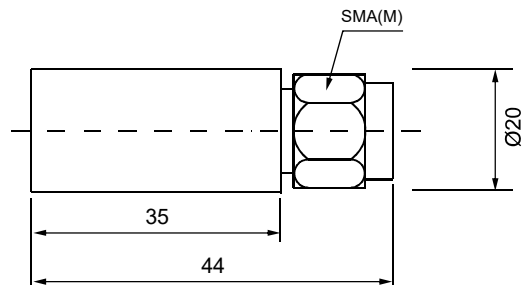


Fig 2

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Imported SMA (M) Loads, 5W



Frequency: DC ~ 26.5 GHz

P/N: IHP-??-5.. Series

VNA Plot for IHP-S1-5-18-S, Termination (5W/18GHz)



Imported SMA (M) Loads, 10W



Frequency: DC ~ 26.5 GHz

P/N: IHP-??-10.. Series



Impedance : 50 Ω

Operating Temp : -55°C ~ 85°C

Ordering Code	Frequency (GHz)	VSWR (max)	Figure	Avg. Power (W)	Peak Power (kW)	Connector
IHP-T4-10-3-S	DC-3	1.15	Fig 2	10 ¹⁾	1kW (5us pulse width, 1% duty cycle)	SMA(M)
IHP-S1-10-6-S	DC-6	1.15	Fig 1	10 ¹⁾	0.5kW (5us pulse width, 2% duty cycle)	SMA(M)
IHP-S1-10-12.4-S	DC-12.4	1.20	Fig 1	10 ¹⁾	0.5kW (5us pulse width, 2% duty cycle)	SMA(M)
IHP-S1-10-18-S	DC-18	1.25	Fig 1	10 ¹⁾	0.5kW (5us pulse width, 2% duty cycle)	SMA(M)
IHP-S1-10-26.5-S	DC-26.5	1.30	Fig 1	10 ¹⁾	0.5kW (5us pulse width, 2% duty cycle)	SMA(M)

1) Average Power at 25°C ambient temperature, derated linearly to 1W @125°C

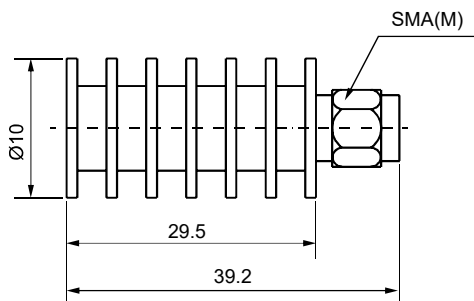


Fig 1

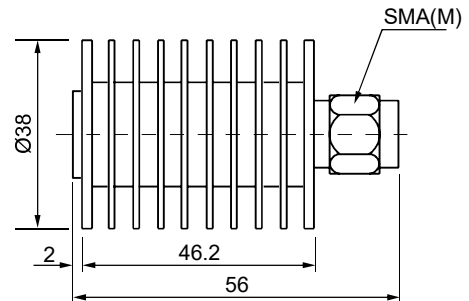


Fig 2

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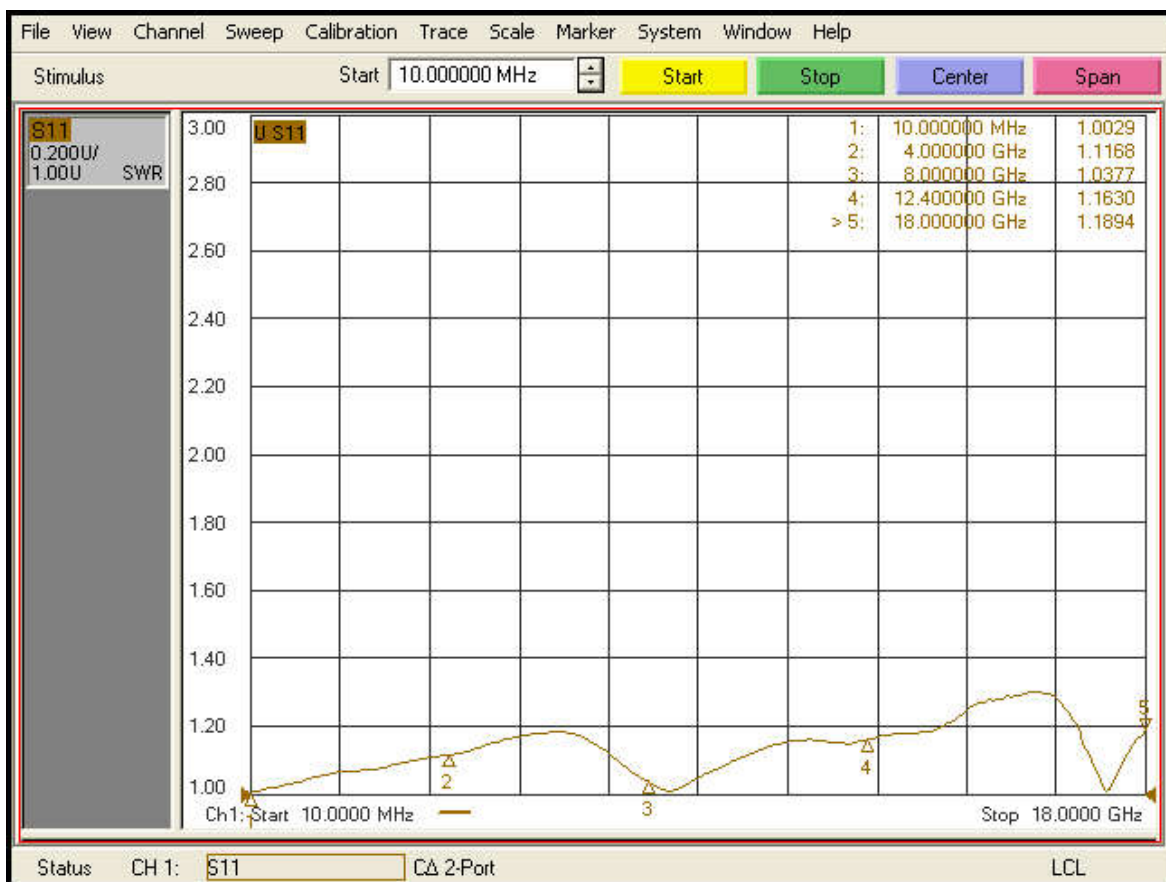
Imported SMA (M) Loads, 10W



Frequency: DC ~ 26.5 GHz

P/N: IHP-??-10.. Series

VNA Plot for IHP-S1-10-18-S Load (10W/18GHz)



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Imported SMA (M) High Power Loads, 25W



Frequency: DC ~ 26.5 GHz

P/N: IHP-??-25.. Series



Impedance : 50 Ω

Operating Temp : -55°C ~ 85°C

Ordering Code	Frequency (GHz)	VSWR (max)	Figure	Average Power (W)	Peak Power (kW)	Connector
IHP-T3-25-3-S-A	DC-3	1.15	Fig 2	25 ¹⁾	1kW (5us pulse width, 2.5% duty cycle)	SMA(M)
IHP-T1-25-8-S-A	DC-8	1.25	Fig 1	25 ¹⁾	1kW (5us pulse width, 1.25% duty cycle)	SMA(M)
IHP-T1-25-18-S-A	DC-18	1.4	Fig 1	25 ¹⁾	1kW (5us pulse width, 1.25% duty cycle)	SMA(M)
IHP-S1-25-26.5-S	DC-26.5	<1.2@18 GHz <1.3@26.5 GHz	Fig 3	25 ¹⁾	0.5kW (5us pulse width, 2% duty cycle)	SMA(M)

1) Average Power at 25°C ambient temperature, derated linearly to 2.5W @125°C

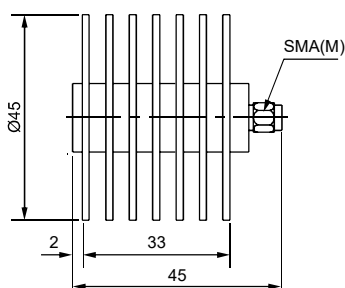


Fig 1

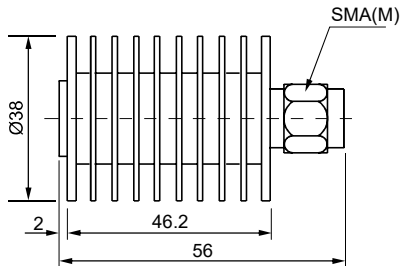


Fig 2

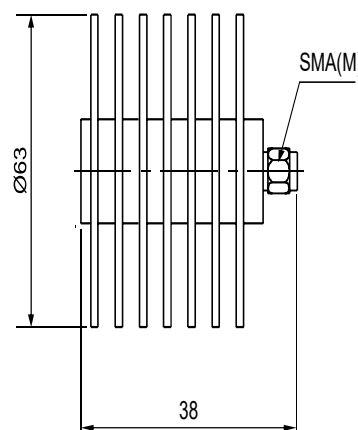


Fig 3

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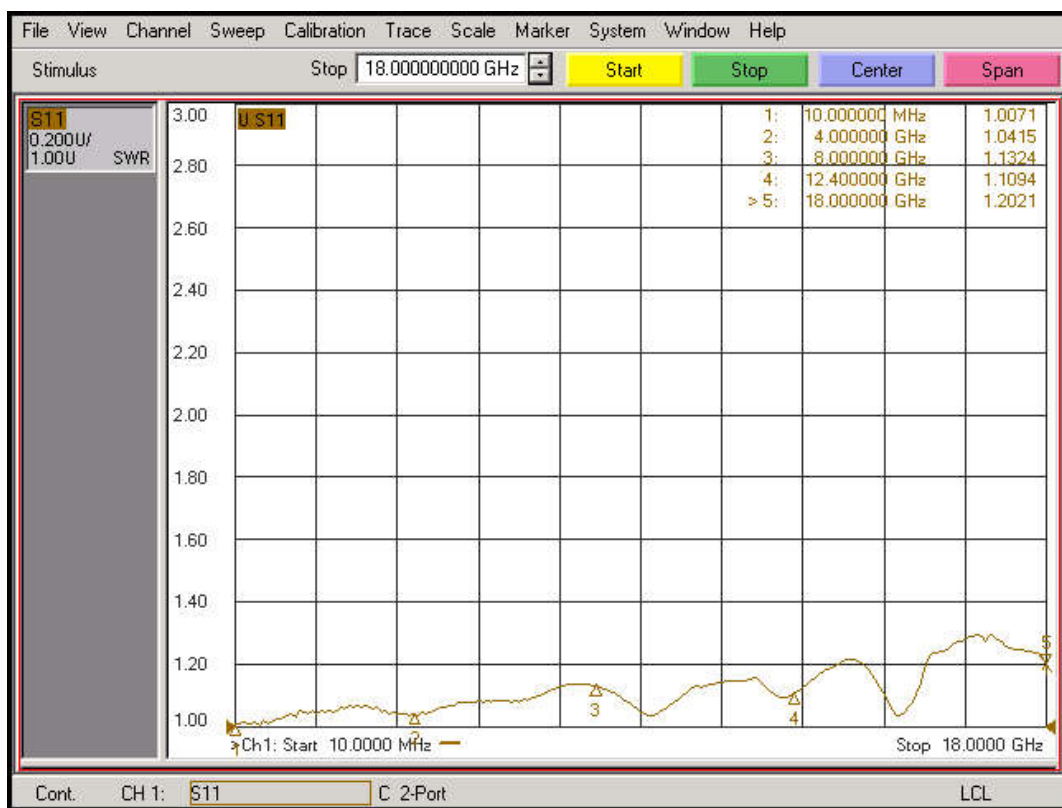
Imported SMA (M) High Power Loads, 25W



Frequency: DC ~ 26.5 GHz

P/N: IHP-??-25.. Series

VNA Plot for IHP-T1-25-18-S Load (25W/18GHz)



Imported SMA (M) High Power Loads, 50W



Frequency: DC ~ 18 GHz

P/N: IHP-??-50.. Series



Impedance : 50 Ω

Operating Temp : -55°C ~ 85°C

Ordering Code	Frequency (GHz)	VSWR (max)	Figure	Average Power (W)	Peak Power (kW)	Connector
IHP-T2-50-4-S-A	DC-4	<1.05@1 GHz <1.10@2 GHz <1.15@3 GHz <1.20@4 GHz	Fig 1	50 ¹⁾	10kW (5us pulse width, 0.5% duty cycle)	SMA(M)
IHP-T1-50-18-S-A	DC-18	1.40	Fig 2	50 ¹⁾	1kW (5us pulse width, 5% duty cycle)	SMA(M)

1) Average Power at 25°C ambient temperature, derated linearly to 5W @125°C

It is assumed that there is free airflow and natural convection around the unit.

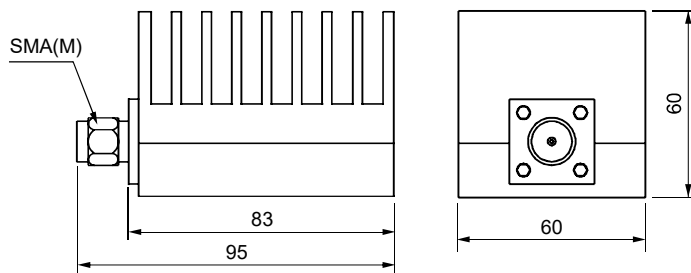


Fig 1

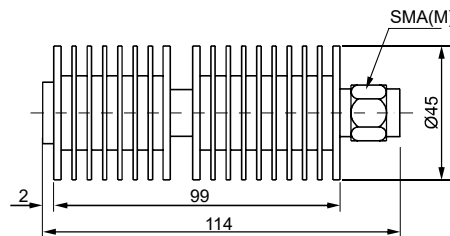


Fig 2

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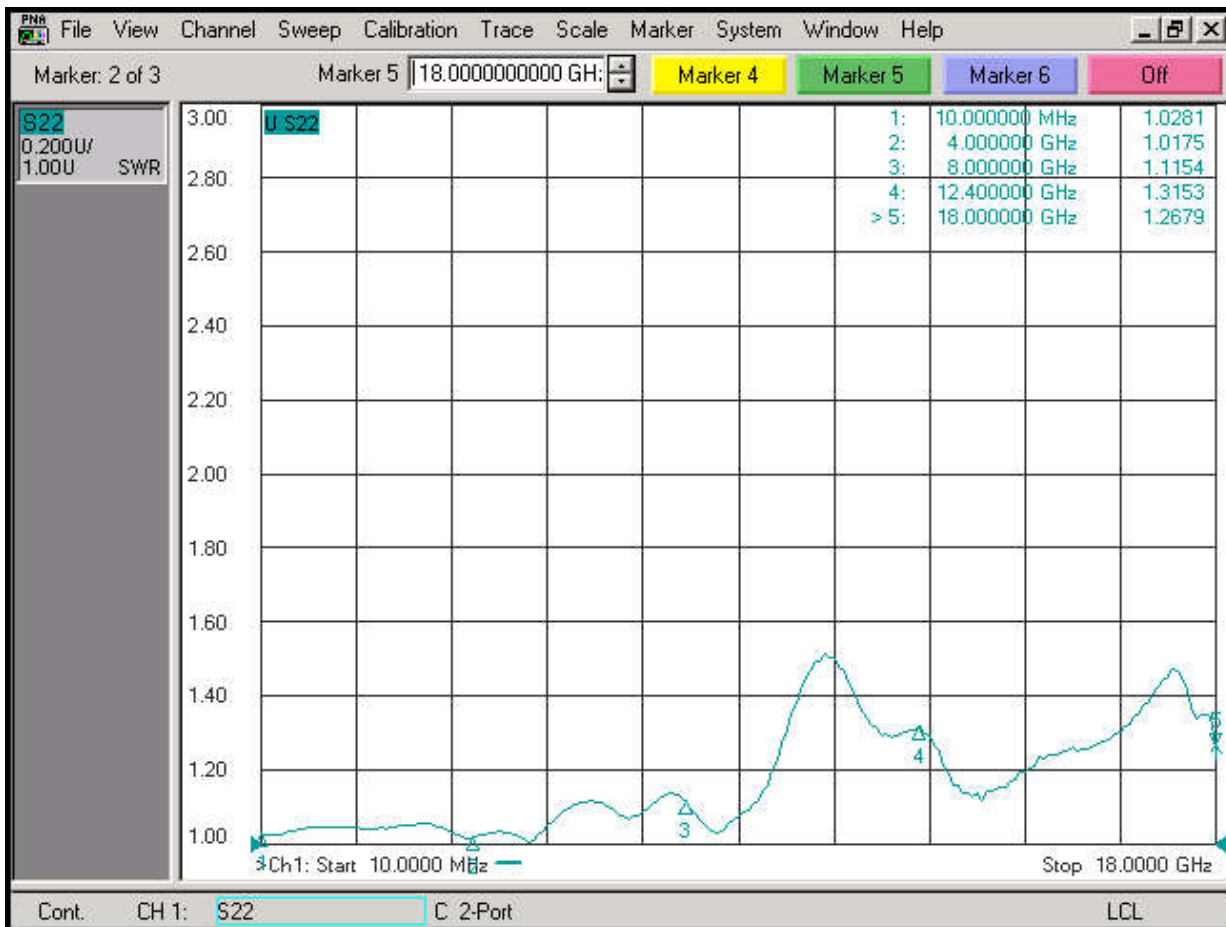
Imported SMA (M) High Power Loads, 50W



Frequency: DC ~ 18 GHz

P/N: IHP-??-50.. Series

VNA Plot for IHP-T1-50-18-S-A Load (50W/18GHz)



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