RFSW200 网络分析仪 适配器

拓展网络分析仪至18端口
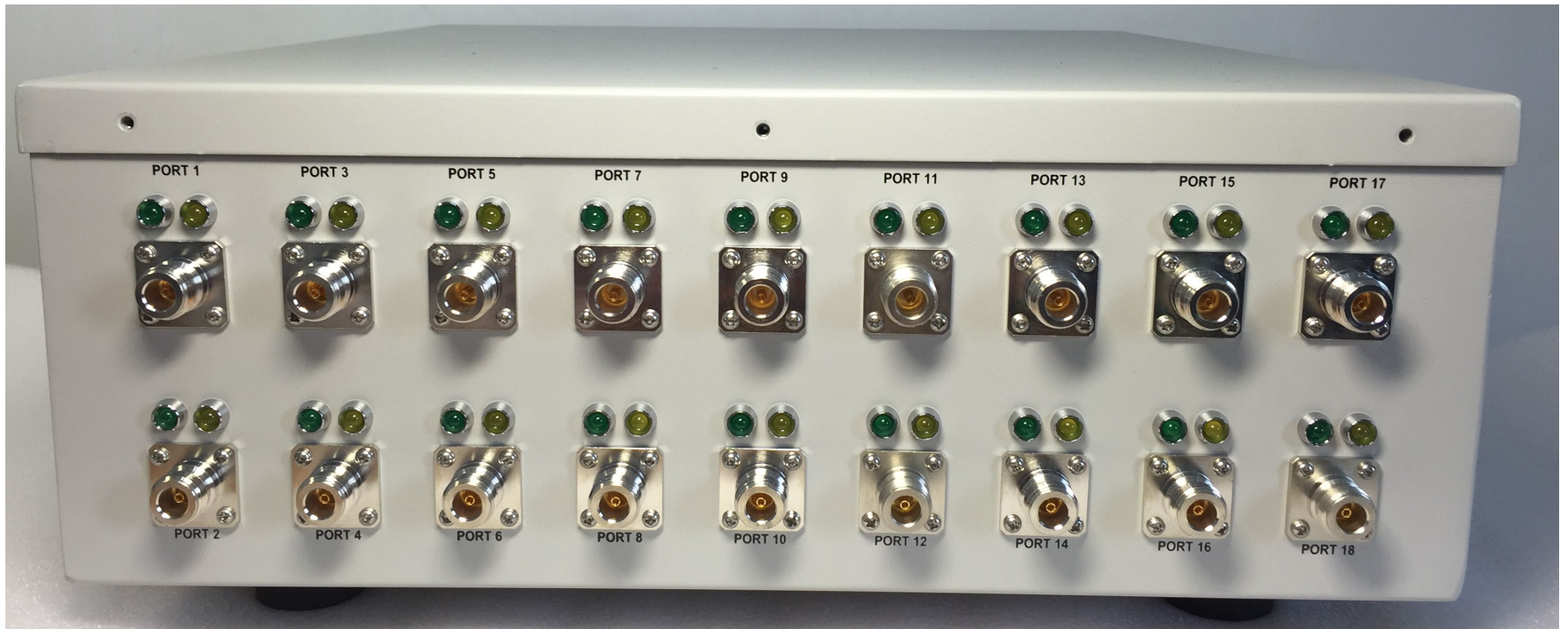测试多端口元件,任选两端口,大幅降低测试时间
5MHz~4GHz,
50/75ohm

RFSW200 前视图
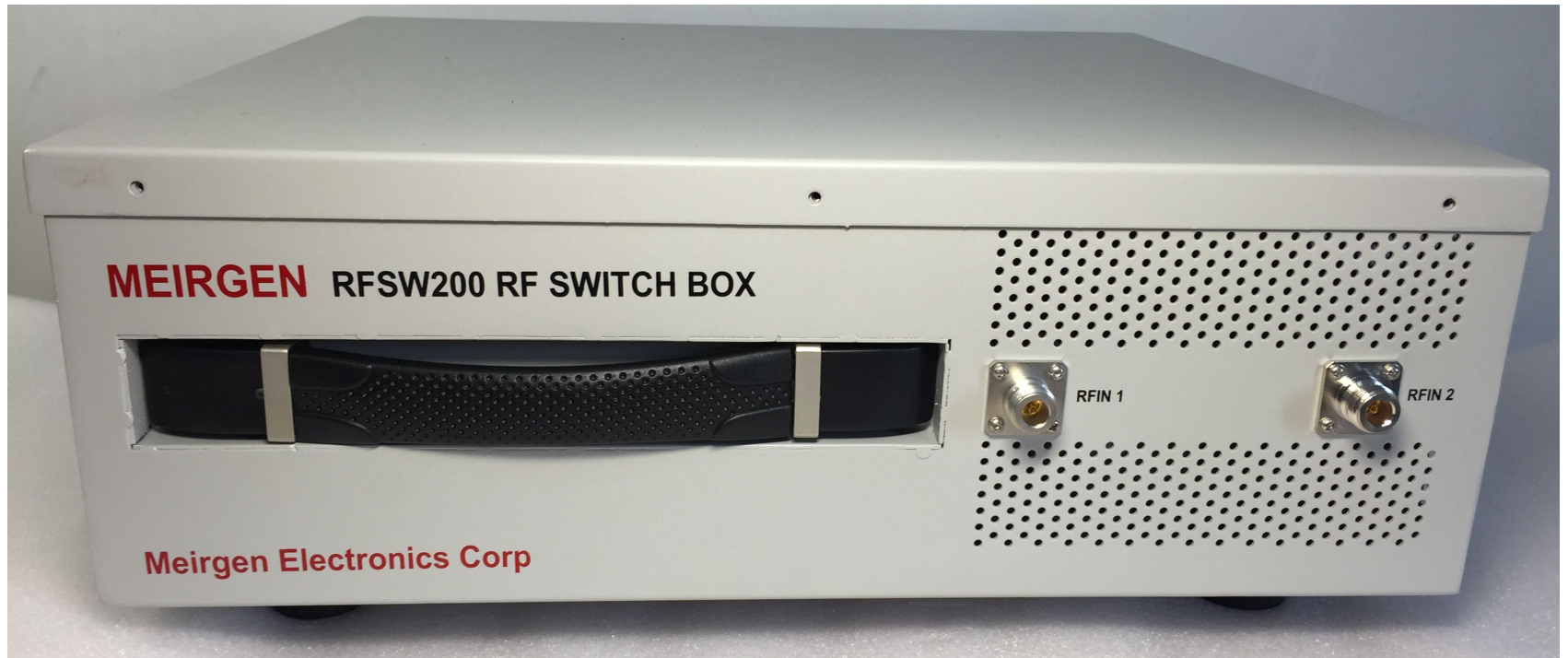
RFSW200 后视图

PORT 1　PORT 3　PORT 5　PORT 7　PORT 9　PORT 11　PORT 13　PORT 15　PORT 17

PORT 2　PORT 4　PORT 6　PORT 8　PORT 10　PORT 12　PORT 14　PORT 16　PORT 18

RFSW200 侧视图

RFSW200 侧视图

RFSW200 18 ports multiport switch box 应用产品

1. CATV splitter 生产测试

2. 基地站天线测试

3. 基地站滤波器测试

4. 其他多端口元件需任意两端口间测试

RFSW200 18 ports multiport switch box features

1. 50 ohm 或 75 ohm 产品皆可使用

2. Frequency range 5 MHz ~ 4 GHz

3. 共提供18 ports

4. 任意两端口间 S11, S21, S12, S22 测试

5. 提供连接自动测试设备界面

6. 降低测试时间，例如原本手动插拔需30分钟可大幅降低至24秒

7. 端口负载回损return loss 好于30dB
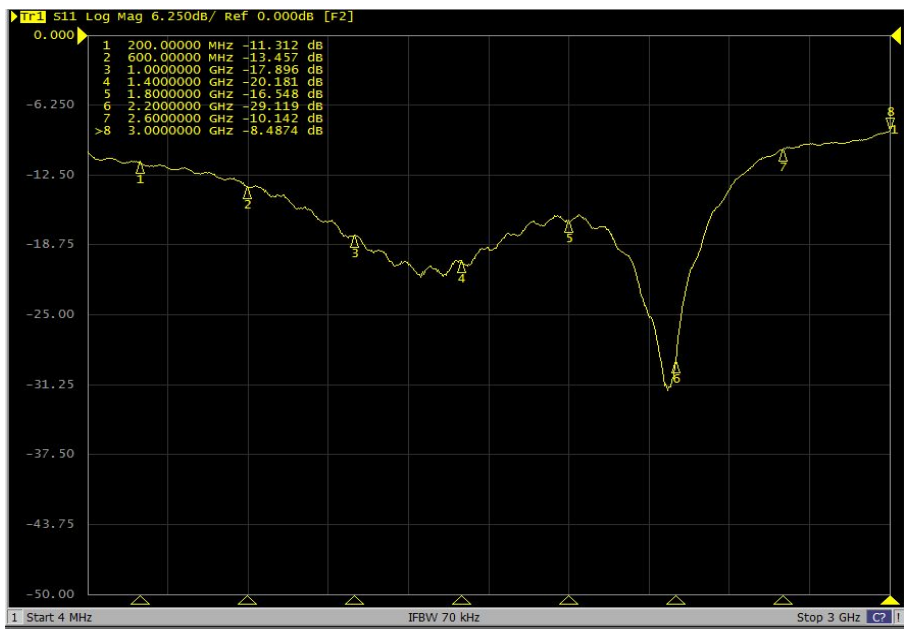
待測物 4-WAY SATELLITE SPITTER 前視圖

PORT3　　PORT4

OUT　　KLEIN TOOLS®　　OUT　　VDV814-637

4-WAY SATELLITE SPLITTER 5MHz - 2.3GHz

OUT　　IN　　OUT

137499 Rev. 02/12 B

PORT1　　INPUT PORT　　PORT2

RFSW200 S11 Measurement(0dbm) Compare With Agilent E5071C

- **RFSW200**

-**Splitter Input port to port3**
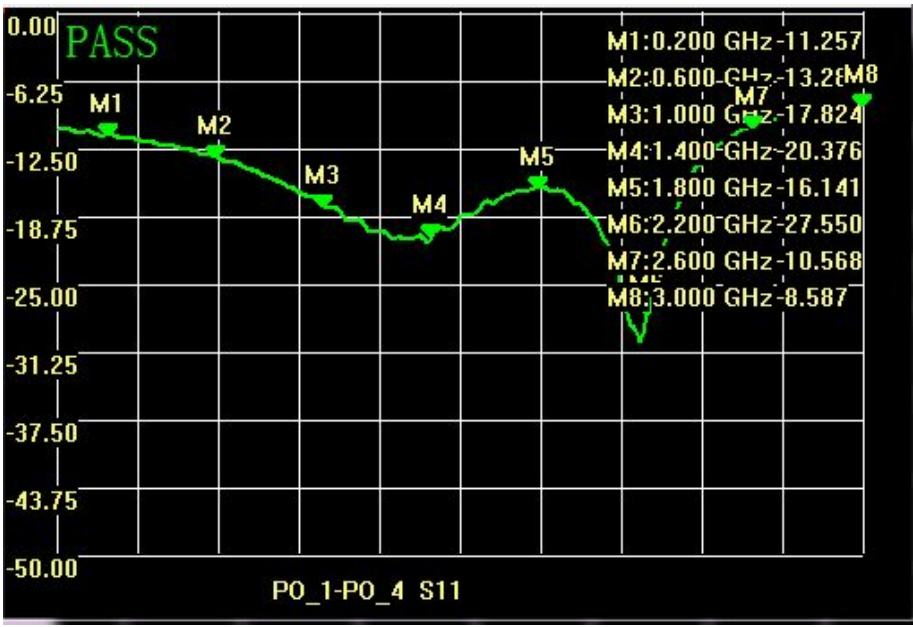
- **Agilent E5071C**

-**Splitter Input port to port3**

RFSW200 S12 Measurement(0dbm) Compare With Agilent E5071C

- **RFSW200**

-Splitter Input port to port3

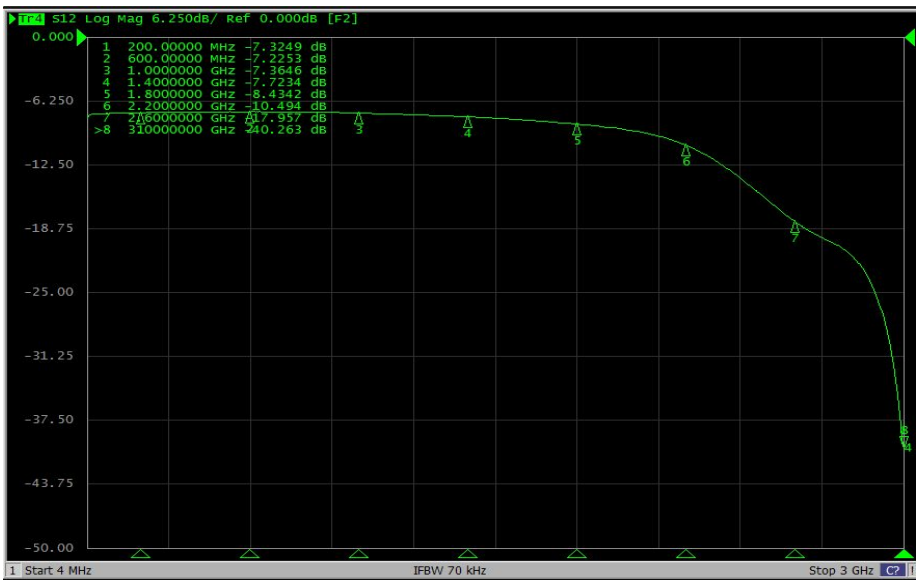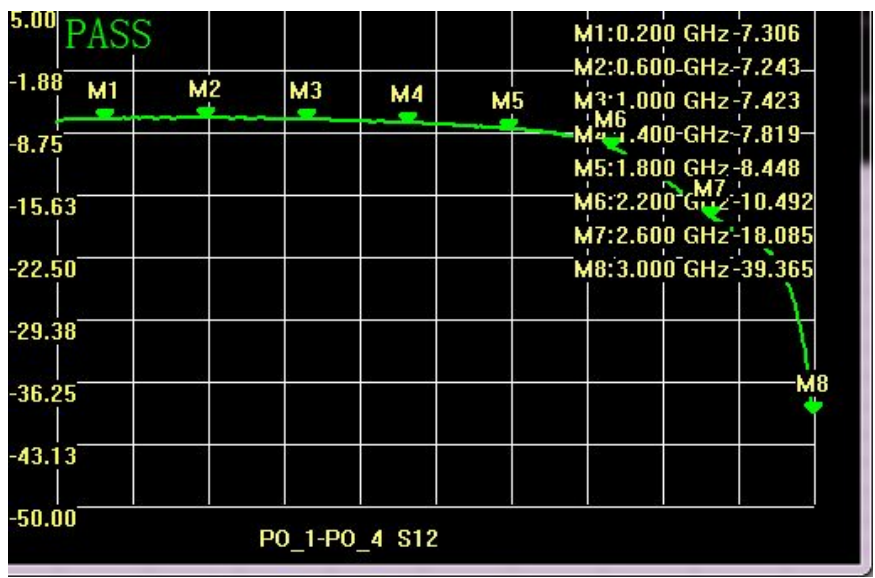- **Agilent E5071C**

-Splitter Input port to port3

RFSW200 S21 Measurement(0dbm) Compare With Agilent E5071C

- **RFSW200**

-Splitter Input port to port3

- **Agilent E5071C**

-Splitter Input port to port3

RFSW200 S22 Measurement(0dbm) Compare With Agilent E5071C
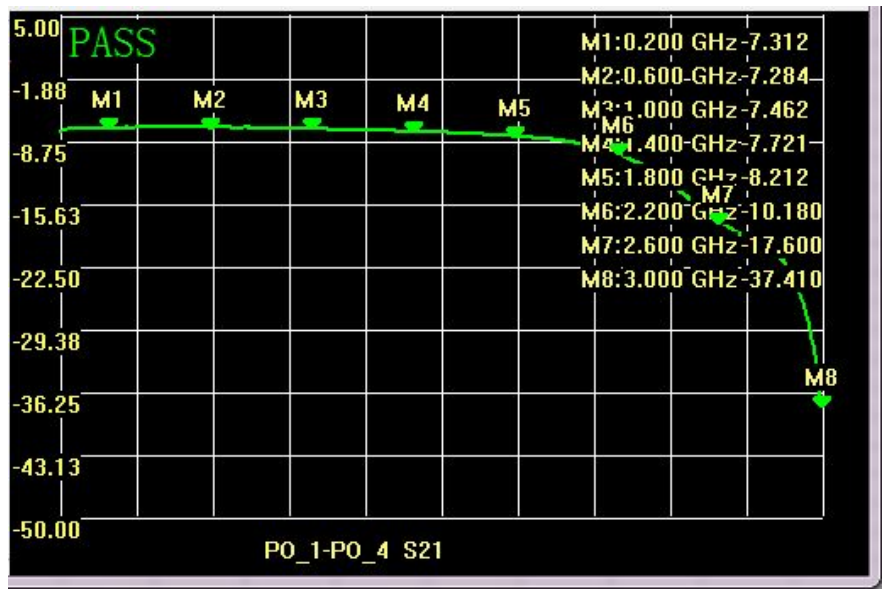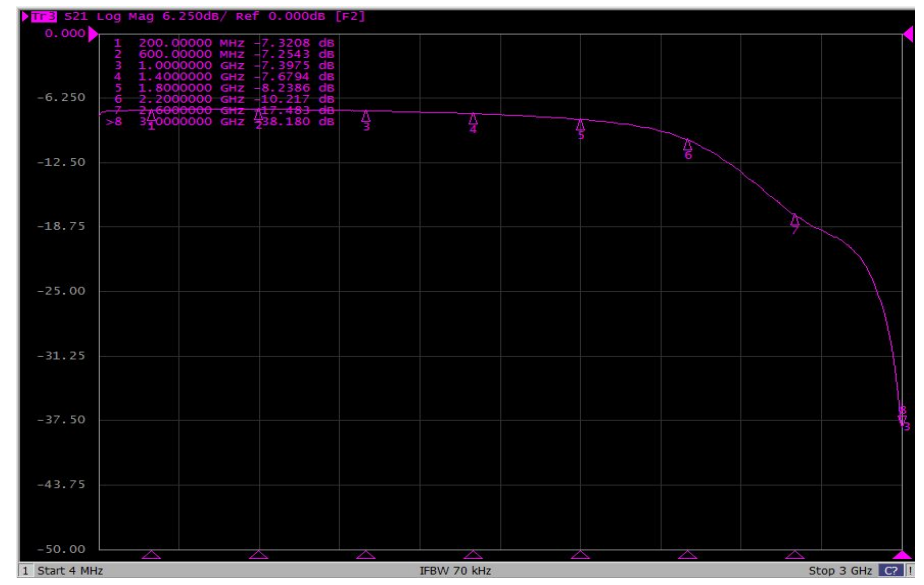
- **RFSW200**

-**Splitter Input port to port3**

- **Agilent E5071C**

-**Splitter Input port to port3**

PASS

M1:0.200 GHz-27.048
M2:0.600 GHz-23.74
M6.000 GHz-18.590
M4:1.400 GHz-19.513
M5:1.800 GHz-21.312
M6:2.200 GHz-12.787
M7:2.600 GHz-8.789
M8:3.000 GHz-7.274

PO_1-PO_4 S22

S22 Log Mag 6.250dB/ Ref 0.000dB [F2]

1	200.00000 MHz	-27.856 dB
2	600.00000 MHz	-22.942 dB
3	1.0000000 GHz	-18.375 dB
4	1.4000000 GHz	-19.718 dB
5	1.8000000 GHz	-21.767 dB
6	2.2000000 GHz	-12.589 dB
7	2.6000000 GHz	-8.7185 dB
>8	3.0000000 GHz	-6.9704 dB

Start 4 MHz   IFBW 70 kHz   Stop 3 GHz

RFSW200 S11 Measurement(5dbm) Compare With Aligent E5071C

- **RFSW200**

-Splitter Input port to port3

- **Agilent E5071C**

-Splitter Input port to port3

RFSW200 S12 Measurement(5dbm) Compare With Agilent E5071C

- **RFSW200**

-**Splitter Input port to port3**

- **Agilent E5071C**

-**Splitter Input port to port3**

RFSW200 S21 Measurement(5dbm) Compare With Agilent E5071C
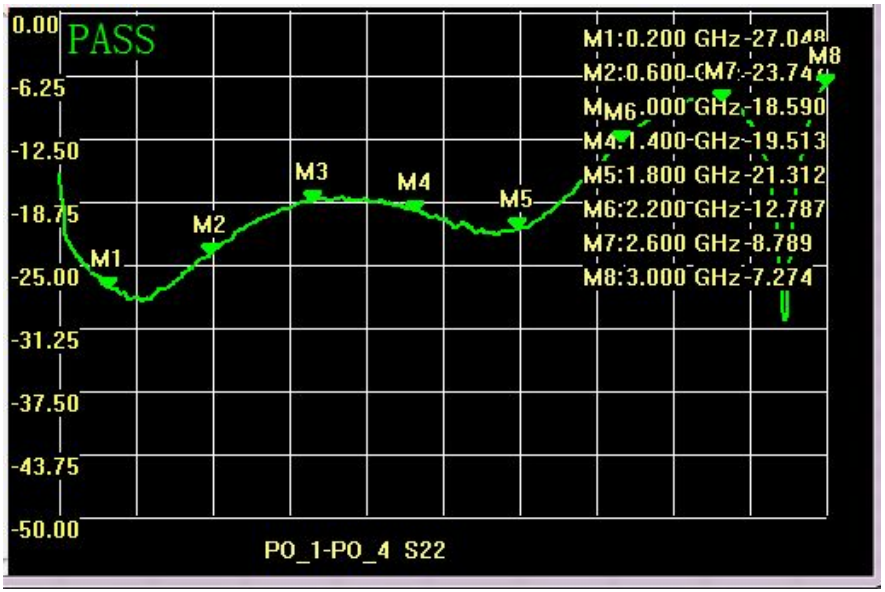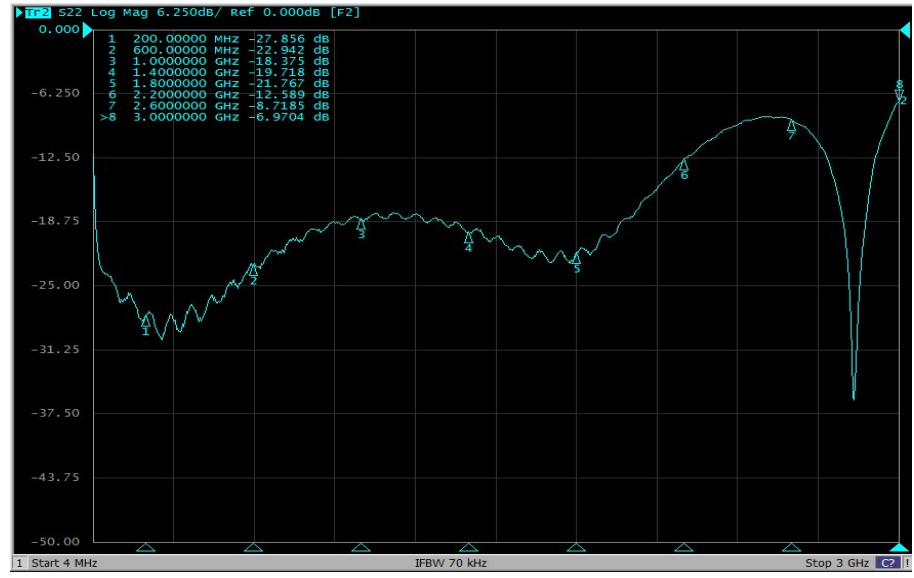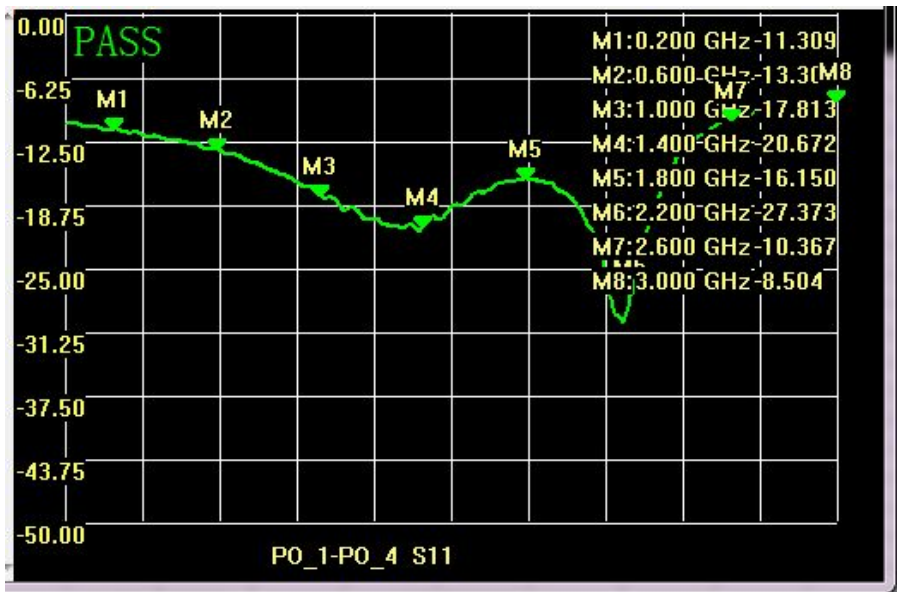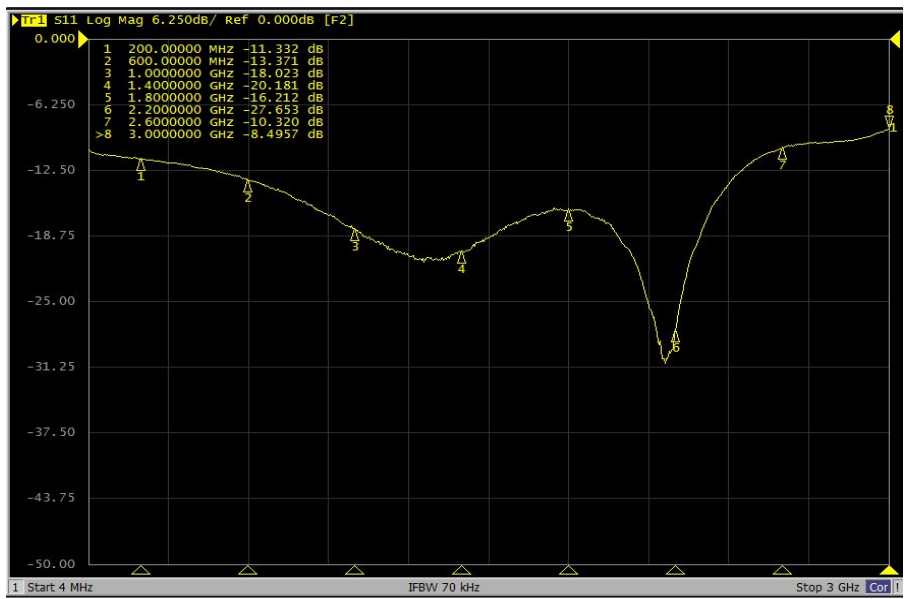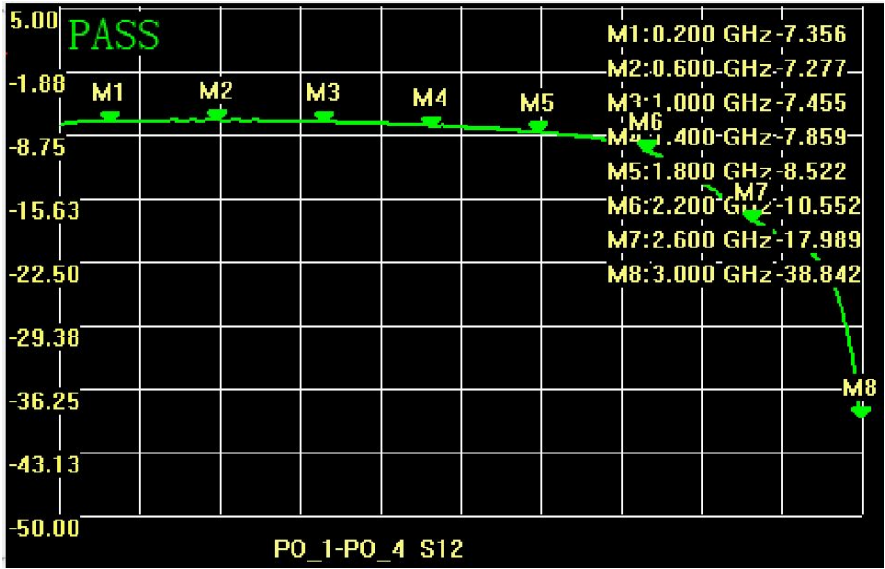
- **RFSW200**

-Splitter Input port to port3

- **Agilent E5071C**

-Splitter Input port to port3

PASS

M1:0.200 GHz -7.363
M2:0.600 GHz -7.301
M3:1.000 GHz -7.476
M4:1.400 GHz -7.770
M5:1.800 GHz -8.297
M6:2.200 GHz -10.242
M7:2.600 GHz -17.430
M8:3.000 GHz -36.594

PO_1-PO_4 S21

S21 Log Mag 6.250dB/ Ref 0.000dB [F2]

1 200.00000 MHz -7.3067 dB
2 600.00000 MHz -7.2432 dB
3 1.0000000 GHz -7.3835 dB
4 1.4000000 GHz -7.6645 dB
5 1.8000000 GHz -8.2322 dB
6 2.2000000 GHz -10.195 dB
7 2.6000000 GHz -17.441 dB
8 3.0000000 GHz -38.007 dB

Start 4 MHz   IFBW 70 kHz   Stop 3 GHz

RFSW200 S22 Measurement(5dbm) Compare With Agilent E5071C

- **RFSW200**

-Splitter Input port to port3
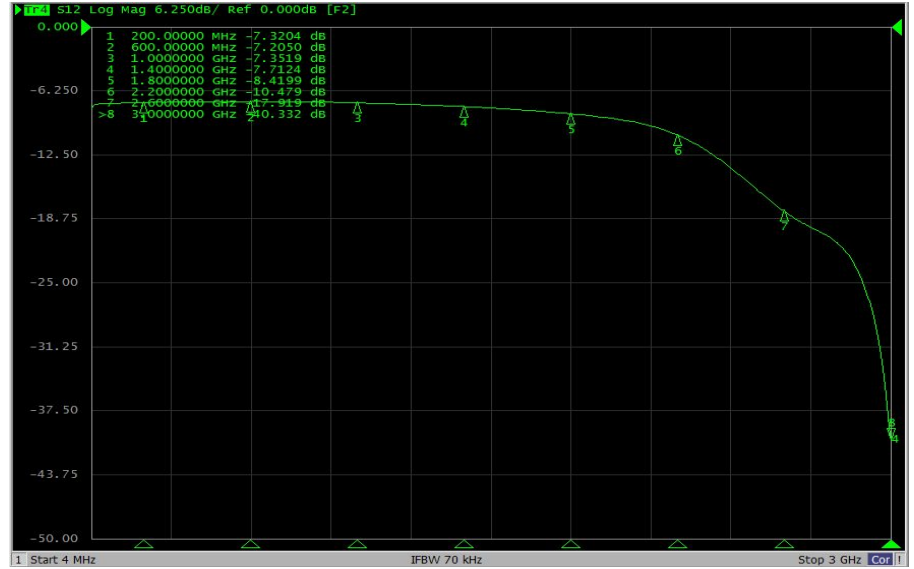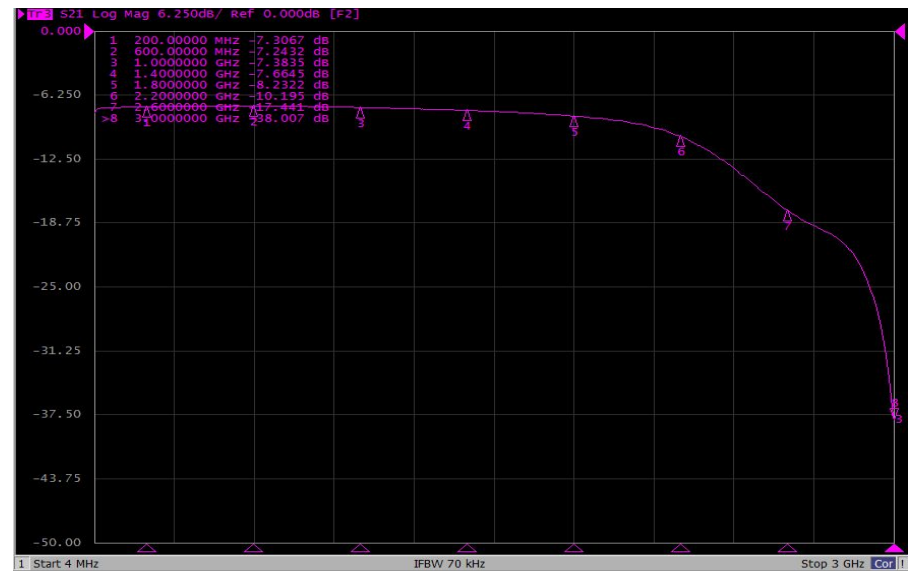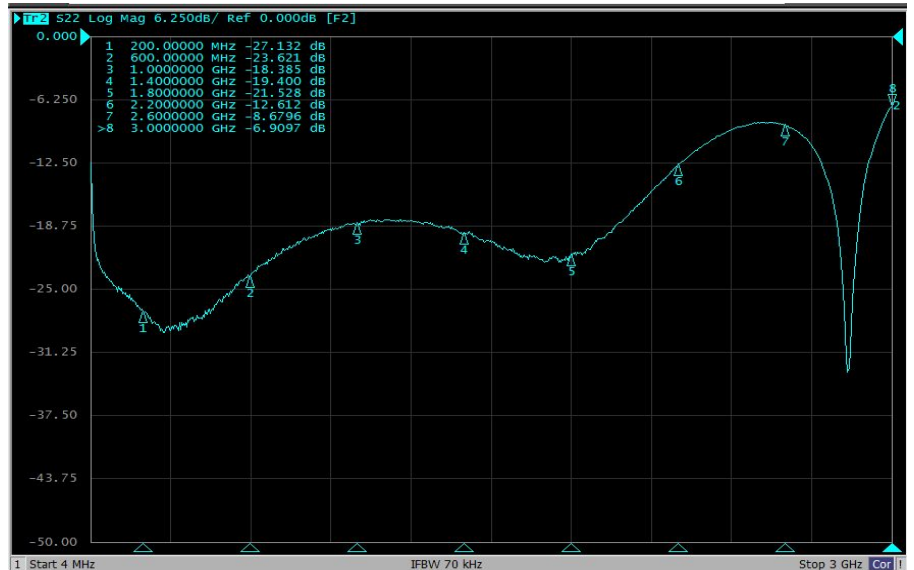
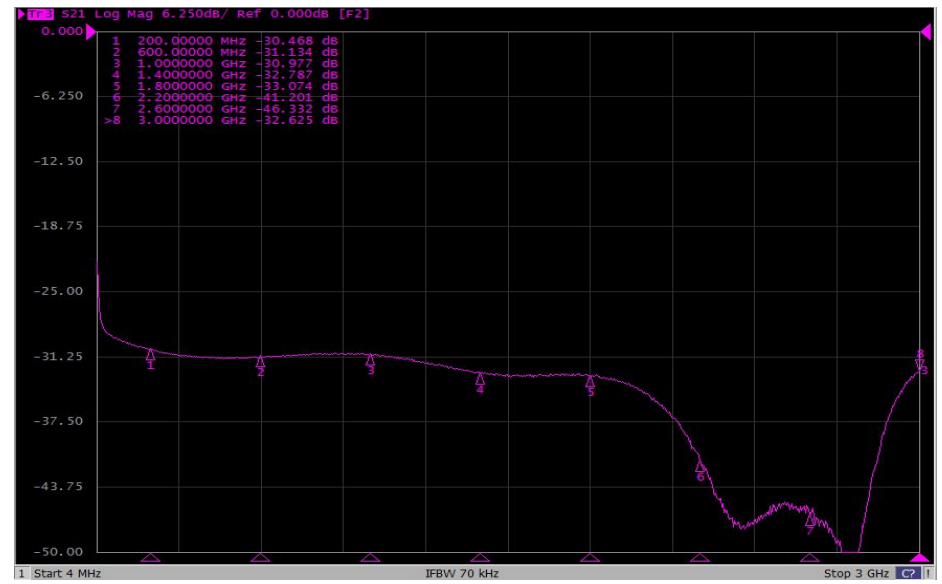- **Agilent E5071C**

-Splitter Input port to port3

PASS

M1:0.200 GHz-27.570
M2:0.600 GHz-23.34w M7
M6.000 GHz-18.718
M4:1.400 GHz-19.694
M5:1.800 GHz-21.512
M6:2.200 GHz-12.830
M7:2.600 GHz-8.907
M8:3.000 GHz-7.212

PO_1-PO_4 S22

Tr2 S22 Log Mag 6.250dB/ Ref 0.000dB [F2]

1	200.00000 MHz	-27.132 dB
2	600.00000 MHz	-23.621 dB
3	1.0000000 GHz	-18.385 dB
4	1.4000000 GHz	-19.400 dB
5	1.8000000 GHz	-21.528 dB
6	2.2000000 GHz	-12.612 dB
7	2.6000000 GHz	-8.6796 dB
>8	3.0000000 GHz	-6.9097 dB

Start 4 MHz   IFBW 70 kHz   Stop 3 GHz Cor

RFSW200 S21 Measurement(0dbm) Compare With Agilent E5071C

- **RFSW200**

-**Splitter port3 to port4**

- **Agilent E5071C**

-**Splitter port3 to port4**

PASS

M1:0.200 GHz-30.963
M2:0.600 GHz-30.706
M3:1.000 GHz-30.312
M4:1.400 GHz-33.244
M5:1.800 GHz-33.594
M6:2.200 GHz-41.281
M7:2.600 GHz-46.313
M8:3.000 GHz-32.585

PO_1-PO_4 S21

S21 Log Mag 6.250dB/ Ref 0.000dB [F2]

1	200.00000 MHz	-30.468 dB
2	600.00000 MHz	-31.134 dB
3	1.0000000 GHz	-30.977 dB
4	1.4000000 GHz	-32.787 dB
5	1.8000000 GHz	-33.074 dB
6	2.2000000 GHz	-41.201 dB
7	2.6000000 GHz	-46.332 dB
>8	3.0000000 GHz	-32.625 dB

Start 4 MHz   IFBW 70 kHz   Stop 3 GHz

RFSW200 S12 Measurement(0dbm) Compare With Agilent E5071C

- **RFSW200**

-Splitter port3 to port4

- **Agilent E5071C**

-Splitter port3 to port4

RFSW200 S21 Measurement(5dbm) Compare With Agilent E5071C
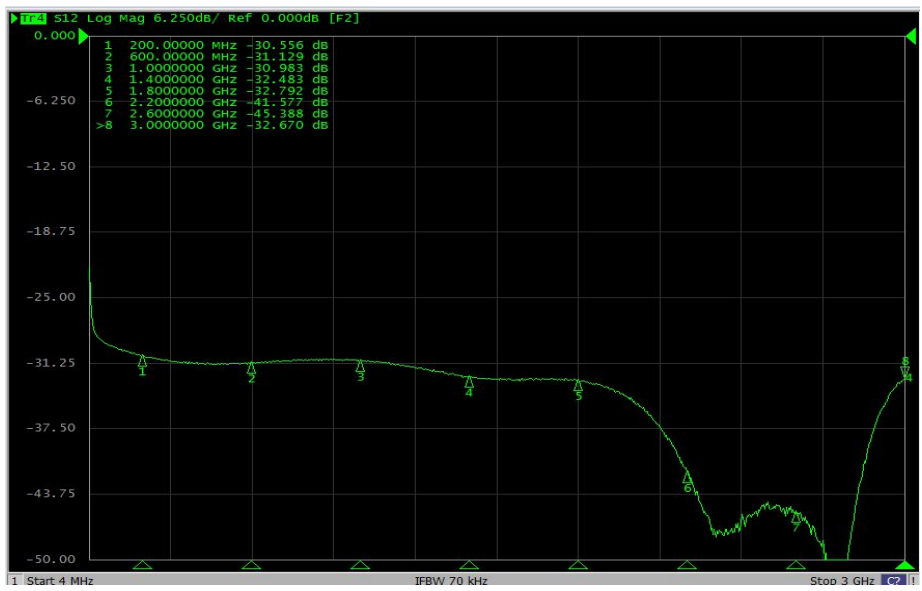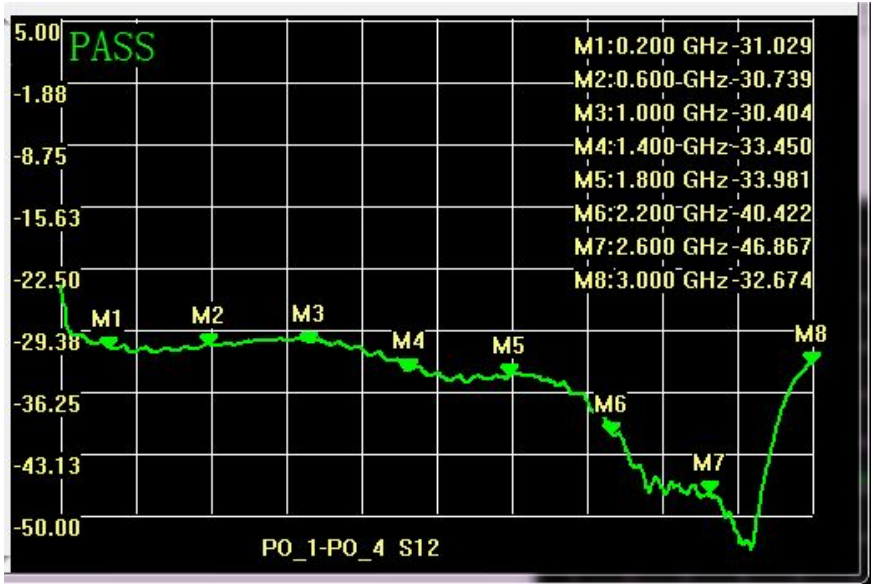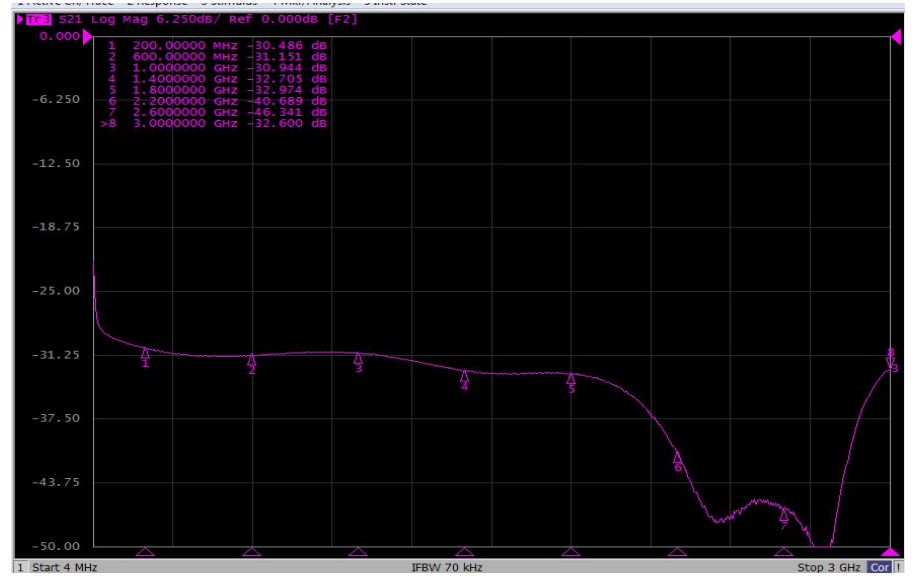
- **RFSW200**
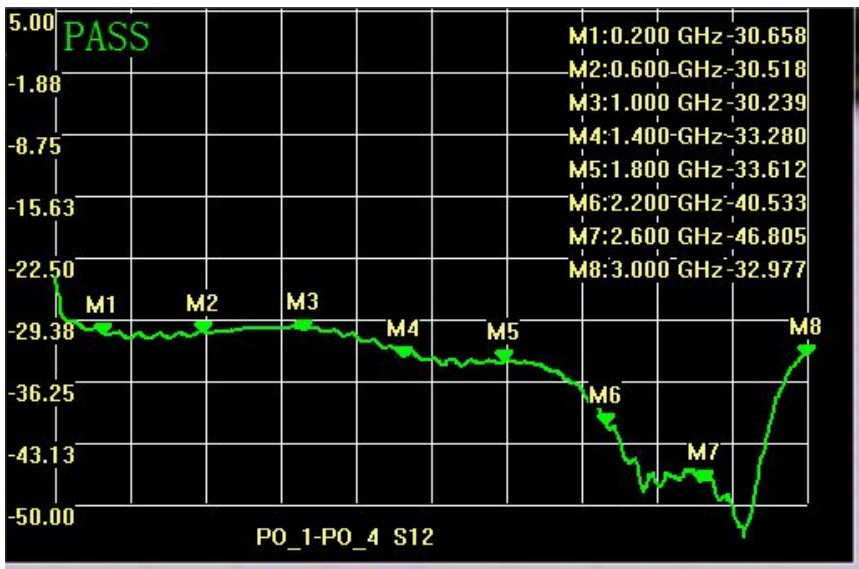
-**Splitter port3 to port4**
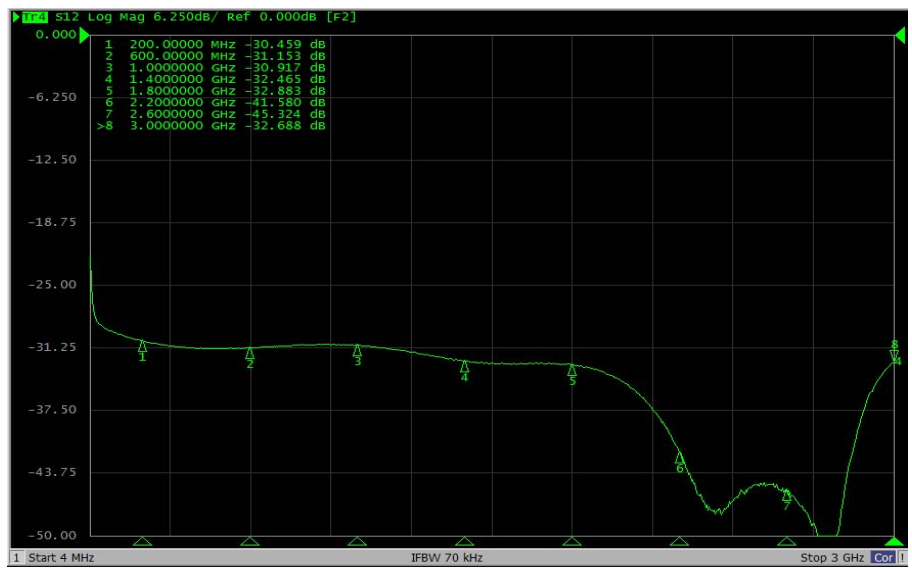
- **Agilent E5071C**

-**Splitter port3 to port4**

RFSW200 S12 Measurement(5dbm) Compare With Agilent E5071C

- **RFSW200**

-**Splitter port3 to port4**

- **Agilent E5071C**

-**Splitter port3 to port4**

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