



测试报告

型号: SAFC12

序列号: 2022081904

测试时间: 08/19/2022

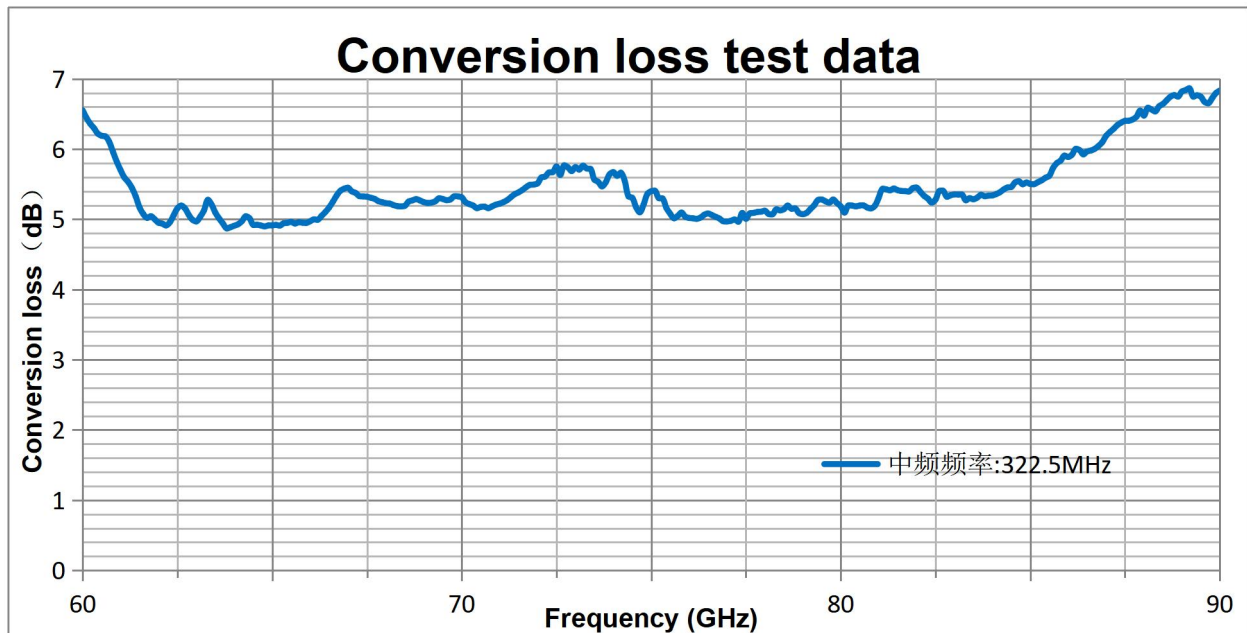
1) 变频损耗测试数据 (中频 322.5MHz, 12 次)

Frequency (GHz)	Conversion loss (dB)
60.0	6.55
61.0	5.70
62.0	4.95
63.0	4.97
64.0	4.91
65.0	4.91
66.0	4.97
67.0	5.45
68.0	5.23
69.0	5.24
70.0	5.31

Frequency (GHz)	Conversion loss (dB)
71.0	5.22
72.0	5.51
73.0	5.74
74.0	5.67
75.0	5.40
76.0	5.02
77.0	4.97
78.0	5.12
79.0	5.07
80.0	5.18
81.0	5.31

Frequency (GHz)	Conversion loss (dB)
82.0	5.45
83.0	5.35
84.0	5.34
85.0	5.50
86.0	5.89
87.0	6.19
88.0	6.48
89.0	6.82
90.0	6.83

2) 变频损耗测试曲线 (中频 322.5MHz, 12 次)



针对 KEYSIGHT N90x0B 系列, 中频 322.5MHz, RF= -20 dBm, L.O. = (RF-/+IF)/12@7dBm, Bias = 0 mA





SAFC12

60~90GHz 频谱仪变频模块

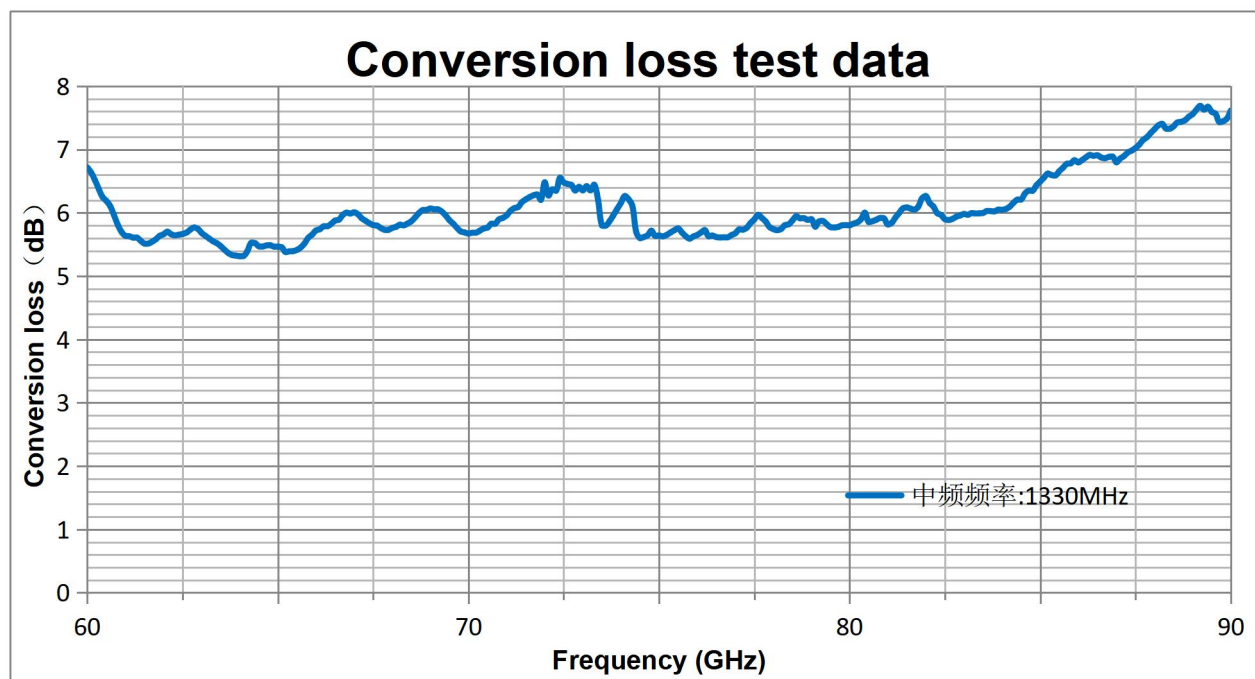
3) 变频损耗测试数据 (中频 1330MHz, 6 次)

Frequency (GHz)	Conversion loss (dB)
60.0	6.72
61.0	5.64
62.0	5.67
63.0	5.69
64.0	5.32
65.0	5.47
66.0	5.73
67.0	6.01
68.0	5.77
69.0	6.07
70.0	5.68

Frequency (GHz)	Conversion loss (dB)
71.0	5.97
72.0	6.49
73.0	6.36
74.0	6.16
75.0	5.65
76.0	5.66
77.0	5.68
78.0	5.75
79.0	5.90
80.0	5.81
81.0	5.82

Frequency (GHz)	Conversion loss (dB)
82.0	6.27
83.0	5.99
84.0	6.05
85.0	6.50
86.0	6.80
87.0	6.80
88.0	7.33
89.0	7.56
90.0	7.62

4) 变频损耗测试曲线 (中频 1330MHz, 6 次)



针对 RS FSW 系列, 中频 1330MHz, RF= -20 dBm, L.O. = (RF-/ +IF)/6@7dBm, Bias = 0 mA



测试人:

