

Sep 03, 2015



Absolute maximum ratings

Parameter	Min	Max
V_{ds}	-0.5 V	3 V
I_{ds}		150 mA
V_{gs}	-12 V	+12 V
V_m	-2.0 V	+0.5 V
I_m	-80 mA	
RF Input drive level		0 dBm

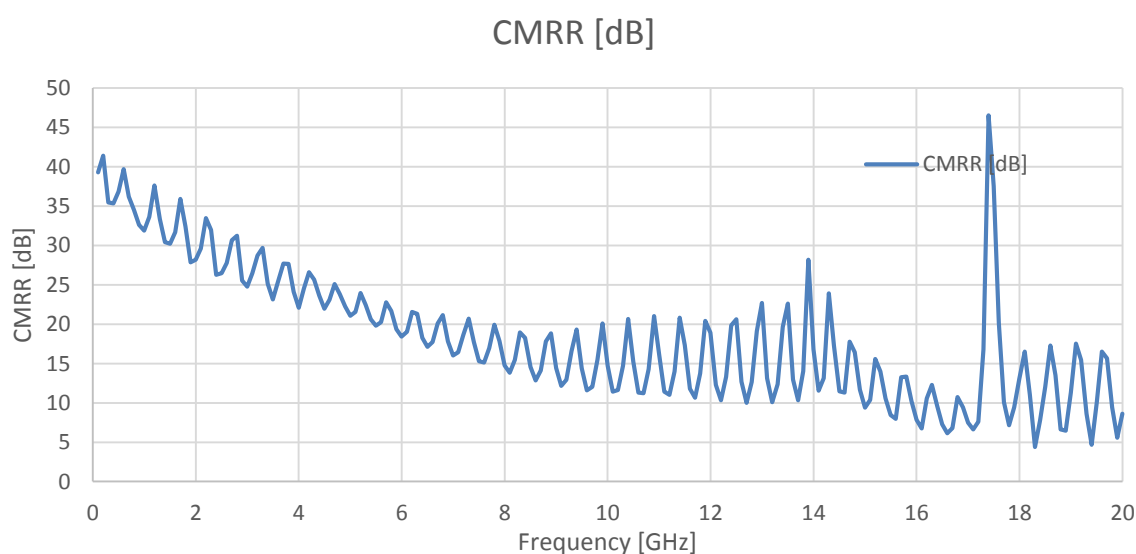
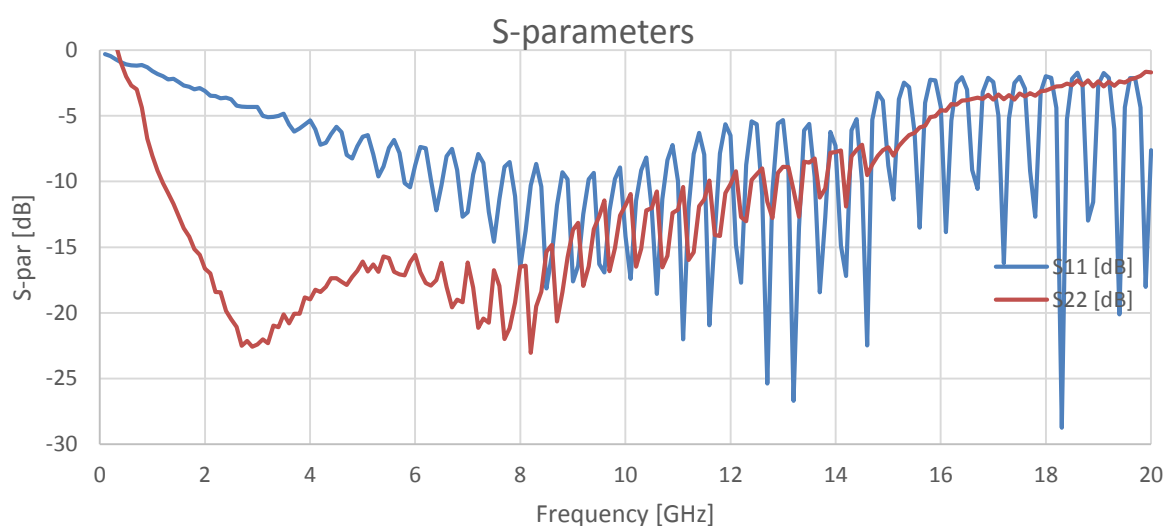
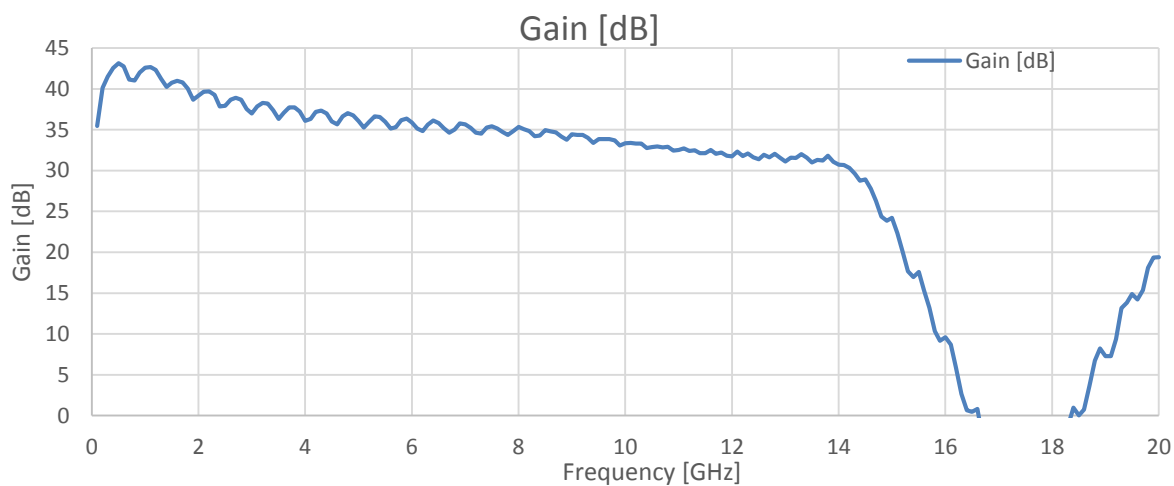
Nominal bias @ 296 K

Parameter	Value
V_{ds}	2.60 V
I_{ds}	90 mA
V_{gs}	-0.03 V
V_m	-1.70 V
I_m	-57 mA

Nominal bias @ 65 K

Parameter	Value
V_{ds}	1.20 V
I_{ds}	25 mA
V_{gs}	
V_m	-0.50 V
I_m	\approx -17 mA

Measured data, $T_{amb}=296$ K



Nano-D panel connector seen from outside the LNA

