

ALN1.7G2.7G-15

High Power Low Noise Amp

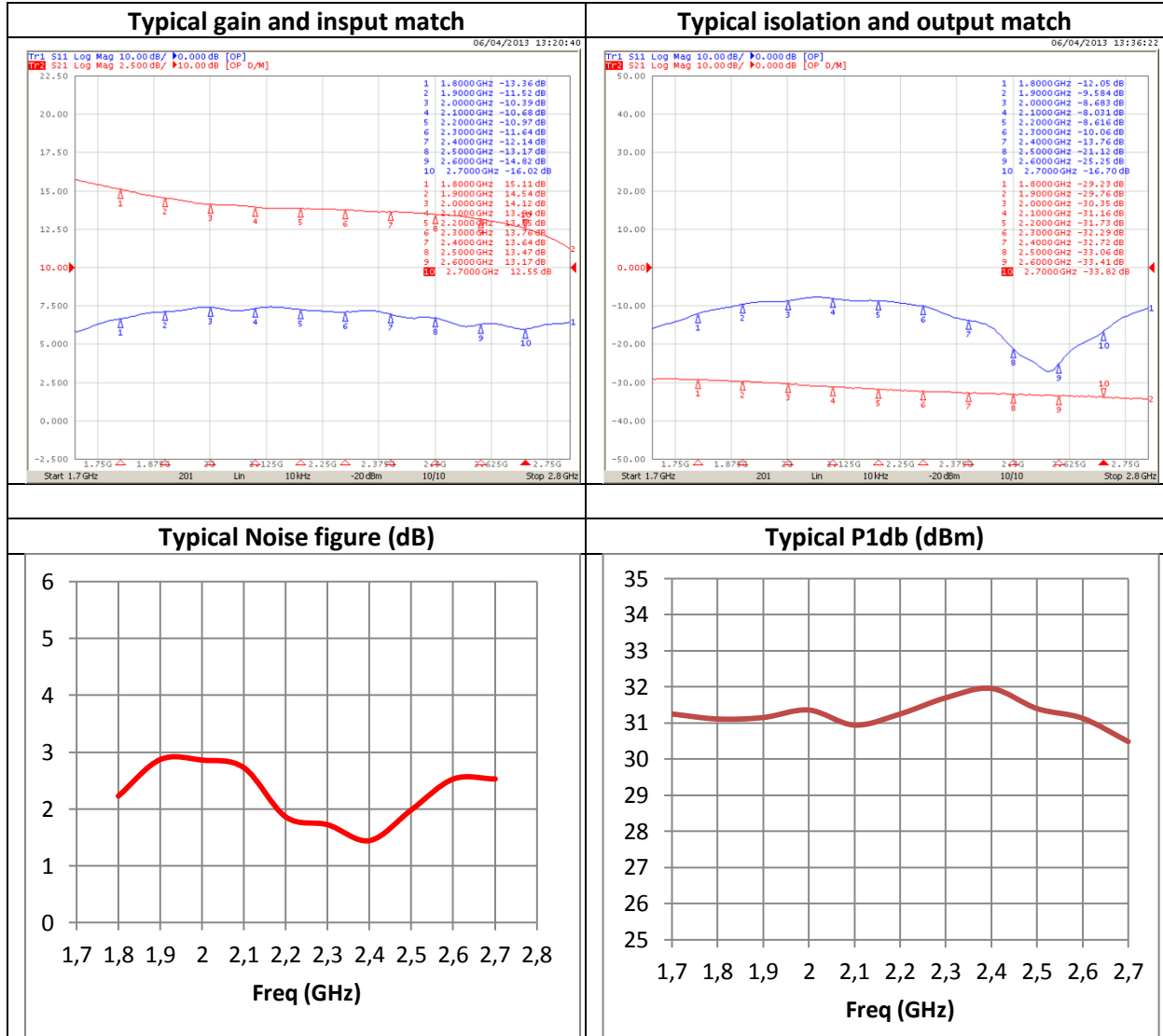
- Suitable for GSM/PCS/W-CDMA/WiMAX/LTE
- 1700MHz to 2700MHz
- Gain: 14.0dB@2GHz
- NF: 2.7dB typ
- P1dB: +31.0dBm
- OIP3: +46.5dBm
- I/O matched 50Ω



	Unit	Min	Typ.	Max.	
Bandwidth	MHz	1700		2700	
Gain (S21):	dB	12.7	13.9	15	Over 1.7-2.7GHz UMTS
Input match:	dB		-10		
Output match:	dB		-8		
Isolation:	dB	25			
OIP3:	dBm		46		
P1dB:	dBm		31.0		
NF:	dB		2.7	2.5 3.5	Over 2.2-2.5GHz Over 1.7-2.7GHz
Current sink	mA		400		Heatsink required
Power supply	V		12	14	
Operating case temperature	°C	-15		+60	
Storage temperature	°C	-55		+100	
Dimensions		See outline drawing			
Weight	g		85		

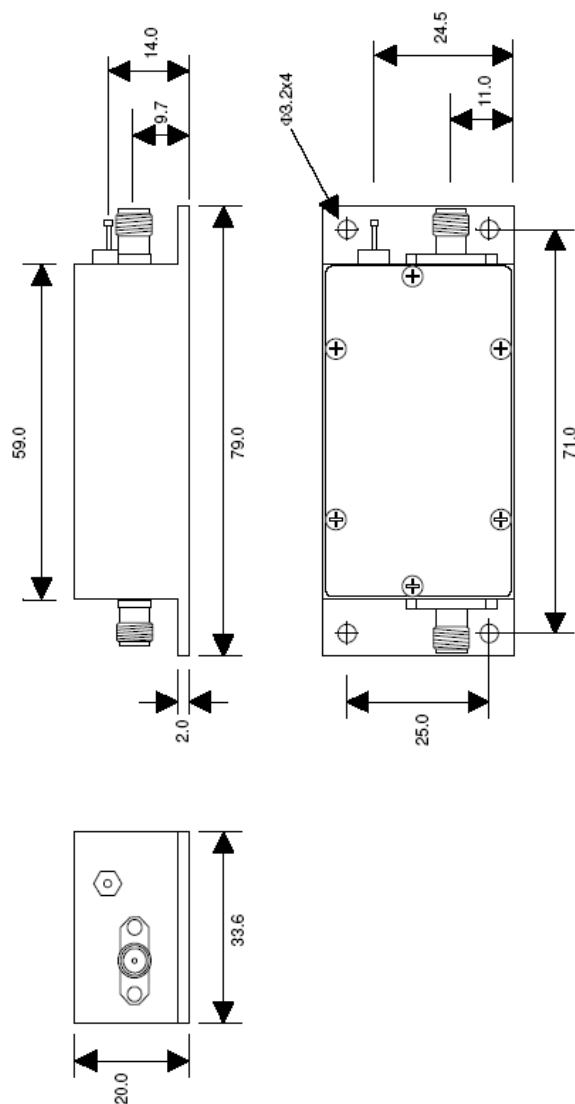
Measured at 25°C, in a 50Ω system at room temperature unless otherwise specified

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Outline Drawing



Echelle 1	Mat. Alu 2017	Dess. : FD
Atlantic RF Labs	HP-LNA	Approuvé : FD
48, Avenue de pinsan 33370 ARTIGUES		Fichier : MEI2004-B.DRW
		Format : A4
		Ver: B

Finishing: Nickel-plated (except connectors)
All dimensions in mm
Tolerance: +/-0.1mm